LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.757	144	148	152	rBV	49484	63137	1.33%	0.075%
2	5.028	359	364	370	rVB	33369	53773	1.13%	0.064%
3	5.151	377	385	396	rBV	160181	332638	7.02%	0.395%
4	5.510	435	446	456	rVV3	112002	288076	6.08%	0.342%
5	6.569	619	626	631	rBV	62866	99495	2.10%	0.118%
6	6.628	631	636	643	rVV2	36816	88243	1.86%	0.105%
7	6.698	644	648	654	rVB2	72538	100717	2.13%	0.120%
8	6.992	689	698	704	rVB6	27757	62163	1.31%	0.074%
9	7.116	712	719	726	rBV2	365533	589656	12.44%	0.700%
10	7.198	731	733	739	rVB2	46398	68936	1.45%	0.082%
11	7.451	770	776	784	rBV	776162	1204560	25.42%	1.430%
12	7.569	790	796	803	rVV	69968	111874	2.36%	0.133%
13	7.822	834	839	847	rVB	35328	54166	1.14%	0.064%
14	7.981	858	866	878	rBV	430641	720647	15.21%	0.856%
15	8.098	882	886	891	rVB2	40405	54393	1.15%	0.065%
16	8.163	891	897	903	rVB6	28825	59978	1.27%	0.071%
17	8.557	958	964	968	rBV3	51688	108650	2.29%	0.129%
18	8.704	983	989	999	rBV2	116507	221609	4.68%	0.263%
19	8.916	1014	1025	1029	rBV2	36199	91791	1.94%	0.109%
20	9.128	1056	1061	1070	rVB2	45441	95601	2.02%	0.114%
21	9.651	1137	1150	1156	rBV3	156851	408764	8.63%	0.485%
22	9.722	1156	1162	1166	rBV	105328	175244	3.70%	0.208%
23	9.839	1178	1182	1192	rVB5	39921	78757	1.66%	0.094%
24	10.210	1237	1245	1249	rVV	1140375	2006874	42.35%	2.383%
25	10.263	1249	1254	1261	rVV	2353932	3968155	83.74%	4.712%
26	10.375	1265	1273	1277	rVV2	61488	119196	2.52%	0.142%
27	11.280	1421	1427	1438	rVB6	41769	135485	2.86%	0.161%
28	11.410	1444	1449	1461	rVB6	34387	78440	1.66%	0.093%
29	11.686	1491	1496	1501	rVV	165607	257205	5.43%	0.305%
30	11.739	1501	1505	1516	rVV10	29278	99391	2.10%	0.118%
31	11.886	1523	1530	1542	rVB	1154553	1882870	39.73%	2.236%
32	12.110	1557	1568	1573	rBV	549313	896815	18.92%	1.065%
33	12.669	1659	1663	1667	rVB2	71599	96046	2.03%	0.114%
34	12.922	1701	1706	1709	rVV	113876	171023	3.61%	0.203%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

35	12.963	1709	1713	1722	rVV	179387	306233	6.46%	0.364%
36	13.057	1722	1729	1733	rVV9	31146	76504	1.61%	0.091%
37	13.121	1734	1740	1749	rVB	98419	222554	4.70%	0.264%
38	13.263	1758	1764	1765	rBV	190095	316367	6.68%	0.376%
39	13.416	1785	1790	1795	rBV	245443	408896	8.63%	0.486%
40	13.469	1795	1799	1804	rBV	163386	238751	5.04%	0.284%
41	13.545	1805	1812	1819	rVB4	188821	394230	8.32%	0.468%
42	13.633	1820	1827	1842	rVB2	390284	909005	19.18%	1.079%
43	13.816	1849	1858	1867	rBV	682630	1289278	27.21%	1.531%
44	13.945	1876	1880	1883	rBV3	67516	97074	2.05%	0.115%
45	13.992	1885	1888	1892	rVV6	65629	92214	1.95%	0.110%
46	14.051	1893	1898	1901	rVV	484342	630948	13.31%	0.749%
47	14.098	1901	1906	1913	rVV	1874586	2866975	60.50%	3.404%
48	14.157	1913	1916	1921	rVV4	96733	157263	3.32%	0.187%
49	14.321	1940	1944	1950	rBV7	78690	169701	3.58%	0.202%
50	14.498	1970	1974	1981	rVB4	174800	353779	7.47%	0.420%
51	14.563	1981	1985	1992	rBV4	214619	420304	8.87%	0.499%
52	14.674	2000	2004	2008	rBV	380496	486503	10.27%	0.578%
53	14.716	2008	2011	2013	rBV2	74564	103204	2.18%	0.123%
54	14.780	2020	2022	2030	rVB4	95218	136675	2.88%	0.162%
55	14.910	2040	2044	2051	rVB	242012	342909	7.24%	0.407%
56	14.980	2052	2056	2057	rBV2	165434	213372	4.50%	0.253%
57	15.010	2057	2061	2065	rVB	1266860	1515005	31.97%	1.799%
58	15.098	2073	2076	2081	rVB3	241101	321780	6.79%	0.382%
59	15.151	2082	2085	2093	rVV	196768	344891	7.28%	0.410%
60	15.421	2123	2131	2135	rBV	1659088	2643709	55.79%	3.139%
61	15.568	2152	2156	2160	rBV2	323805	450333	9.50%	0.535%
62	15.615	2161	2164	2165	rBV2	175674	185322	3.91%	0.220%
63	15.745	2182	2186	2190	rBV3	186846	284666	6.01%	0.338%
64	15.874	2204	2208	2210	rBV	2305768	2831404	59.75%	3.362%
65	15.904	2210	2213	2221	rVB	2559014	3515878	74.19%	4.175%
66	16.221	2263	2267	2274	rBV5	327474	842787	17.78%	1.001%
67	16.280	2274	2277	2283	rVB	457812	615651	12.99%	0.731%
68	16.333	2284	2286	2289	rBV2	124593	122257	2.58%	0.145%
69	16.668	2338	2343	2347	rBV	2417635	2994183	63.18%	3.556%
70	16.721	2347	2352	2362	rVB	1872111	2895582	61.10%	3.438%
71	16.851	2369	2374	2378	rBV	2162258	2896910	61.13%	3.440%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

72	16.892	2378	2381	2388	rVV2	835745	1318617	27.83%	1.566%
73	16.980	2392	2396	2404	rVB2	413364	756863	15.97%	0.899%
74	17.133	2419	2422	2427	rBV2	250413	373277	7.88%	0.443%
75	17.204	2431	2434	2439	rVB	323773	357980	7.55%	0.425%
76	17.257	2440	2443	2448	rBV	193484	279988	5.91%	0.332%
77	17.327	2451	2455	2460	rVV	626780	901528	19.02%	1.071%
78	17.404	2464	2468	2474	rVB	2558621	2927812	61.78%	3.477%
79	17.680	2512	2515	2519	rBV2	229844	320243	6.76%	0.380%
80	17.851	2541	2544	2550	rVB3	316773	509482	10.75%	0.605%
81	17.915	2551	2555	2559	rBV5	297462	666991	14.07%	0.792%
82	18.098	2582	2586	2592	rBV	2241541	2577840	54.40%	3.061%
83	18.568	2662	2666	2671	rVB	514550	642164	13.55%	0.763%
84	18.739	2691	2695	2700	rVB	2033107	2318213	48.92%	2.753%
85	18.915	2720	2725	2730	rBV2	578492	933446	19.70%	1.108%
86	19.286	2784	2788	2791	rVB2	517574	663717	14.01%	0.788%
87	19.327	2791	2795	2801	rVB	1683502	1905001	40.20%	2.262%
88	19.862	2883	2886	2893	rBV	1380769	1646602	34.75%	1.955%
89	20.086	2921	2924	2928	rVB	435208	513407	10.83%	0.610%
90	20.362	2968	2971	2982	rVB2	1094319	1347411	28.43%	1.600%
91	20.827	3047	3050	3059	rVB2	1088870	1780645	37.58%	2.114%
92	21.062	3085	3090	3103	rVB2	3090421	4738840	100.00%	5.627%
93	21.268	3122	3125	3129	rVB	719250	750473	15.84%	0.891%
94	21.686	3193	3196	3201	rVB	542195	615736	12.99%	0.731%
95	22.127	3268	3271	3275	rVB	388885	444253	9.37%	0.528%
96	22.715	3367	3371	3376	rBV	436789	617890	13.04%	0.734%
97	22.997	3415	3419	3424	rVB	925026	1457768	30.76%	1.731%
98	23.086	3430	3434	3439	rVB	585732	965798	20.38%	1.147%
99	23.180	3445	3450	3455	rVB	1761419	2778071	58.62%	3.299%
100	25.244	3796	3801	3813	rVB	611030	1565131	33.03%	1.859%

Sum of corrected areas: 84212652

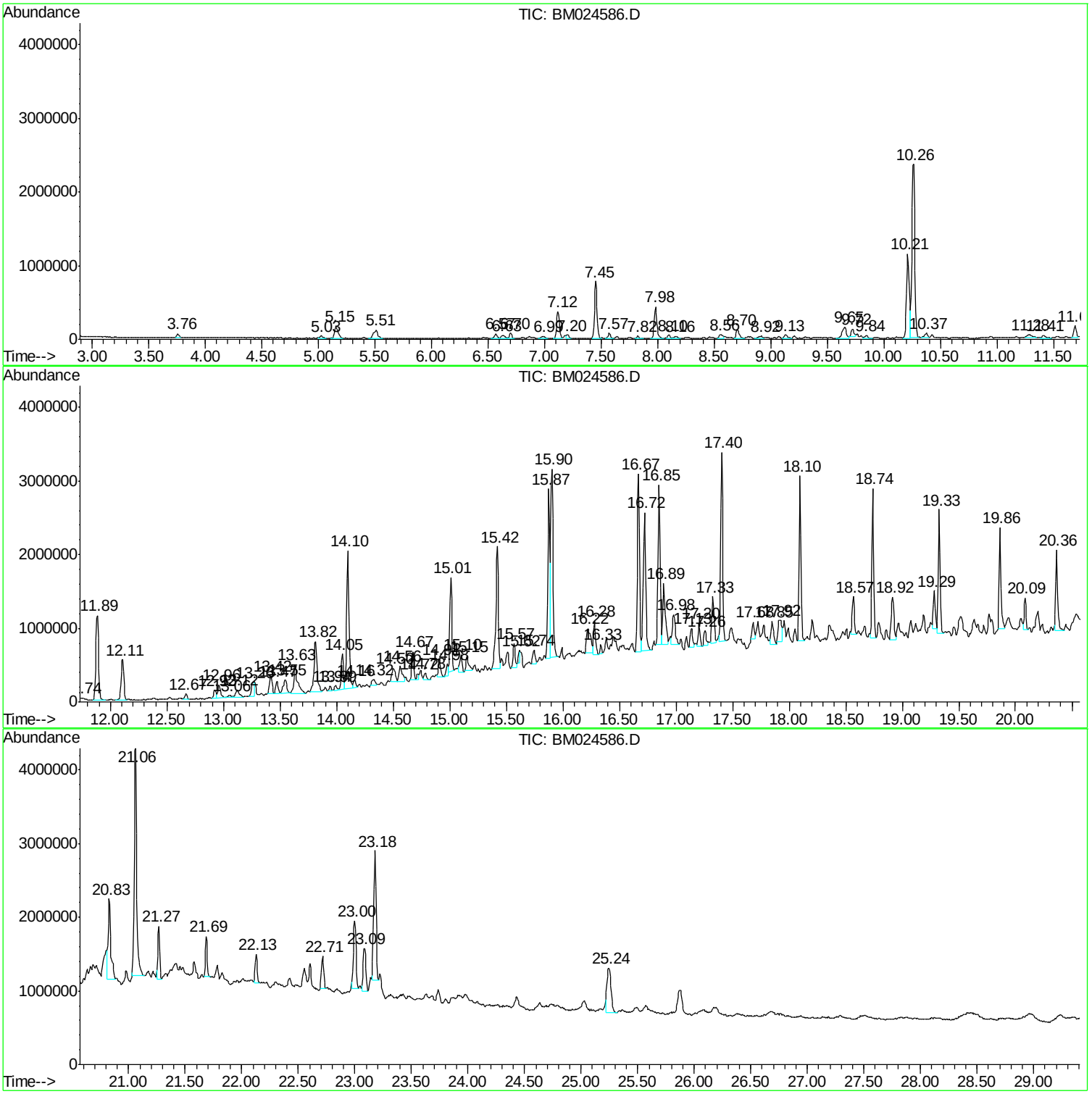
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

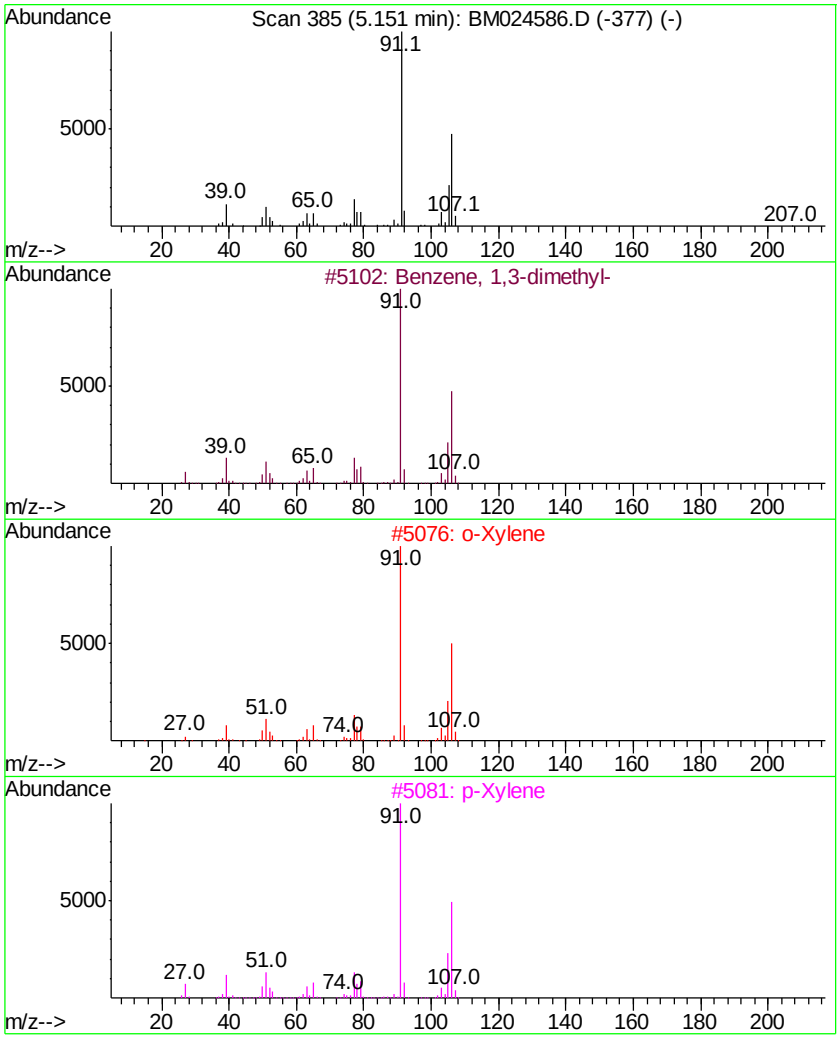
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

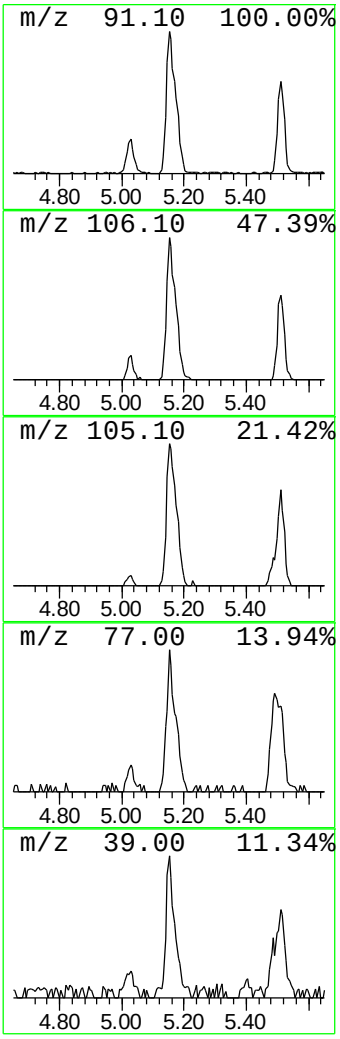
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.52 ng/ul	332638	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

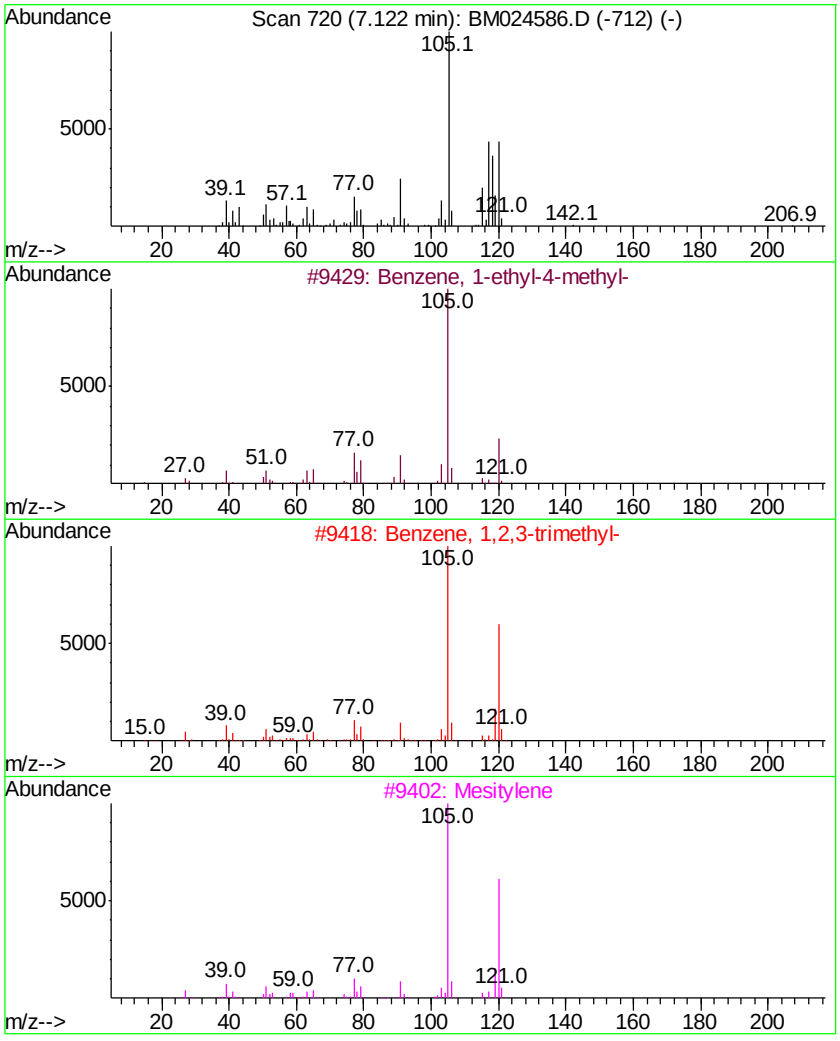
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

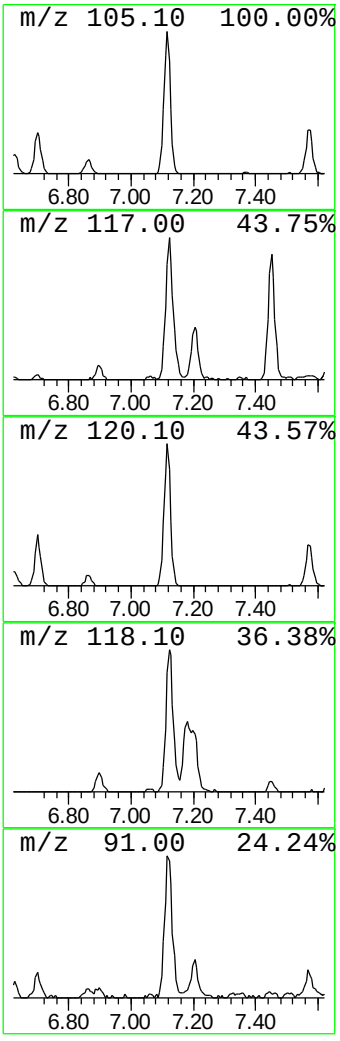
****

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	9.79 ng/ul	589656	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
3	Mesitylene	120	C9H12	000108-67-8	64
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

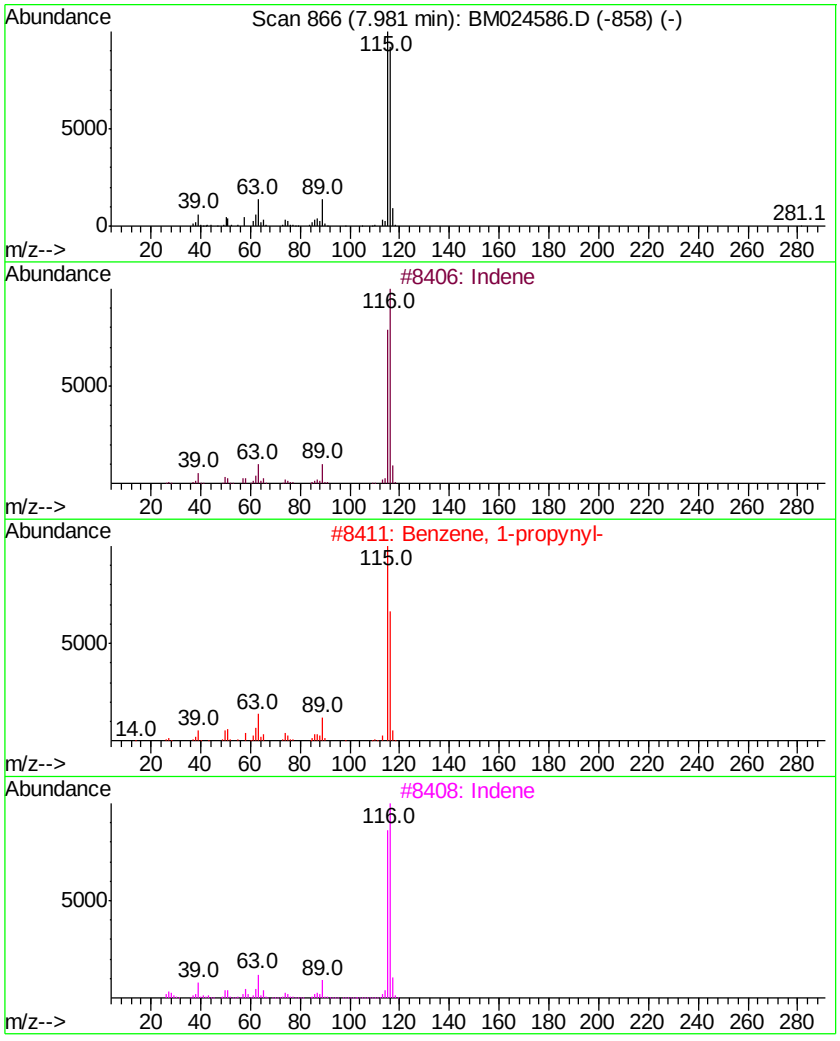
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

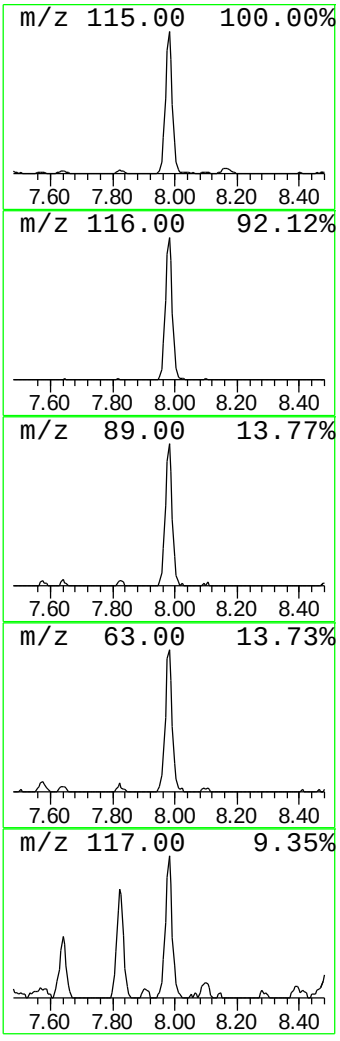
****

Peak Number 4 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	11.97 ng/ul	720647	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Indene	116	C9H8	000095-13-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

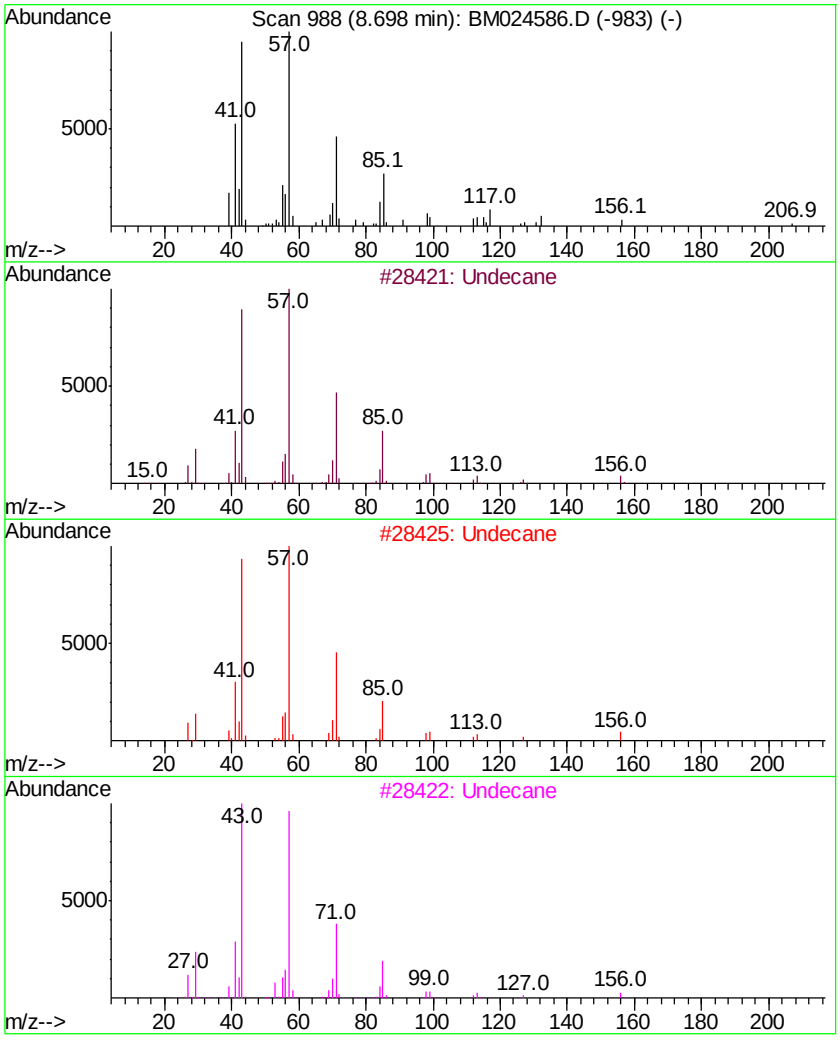
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

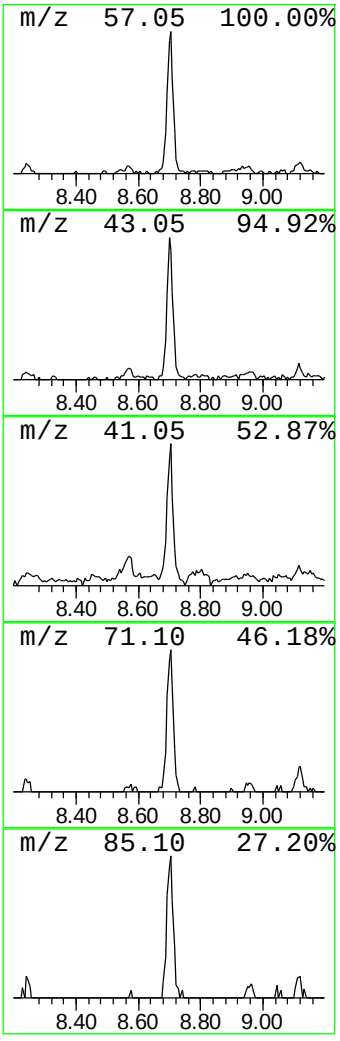
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.68 ng/ul	221609	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	76
2	Undecane	156	C11H24	001120-21-4	70
3	Undecane	156	C11H24	001120-21-4	62
4	Tridecane	184	C13H28	000629-50-5	58
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

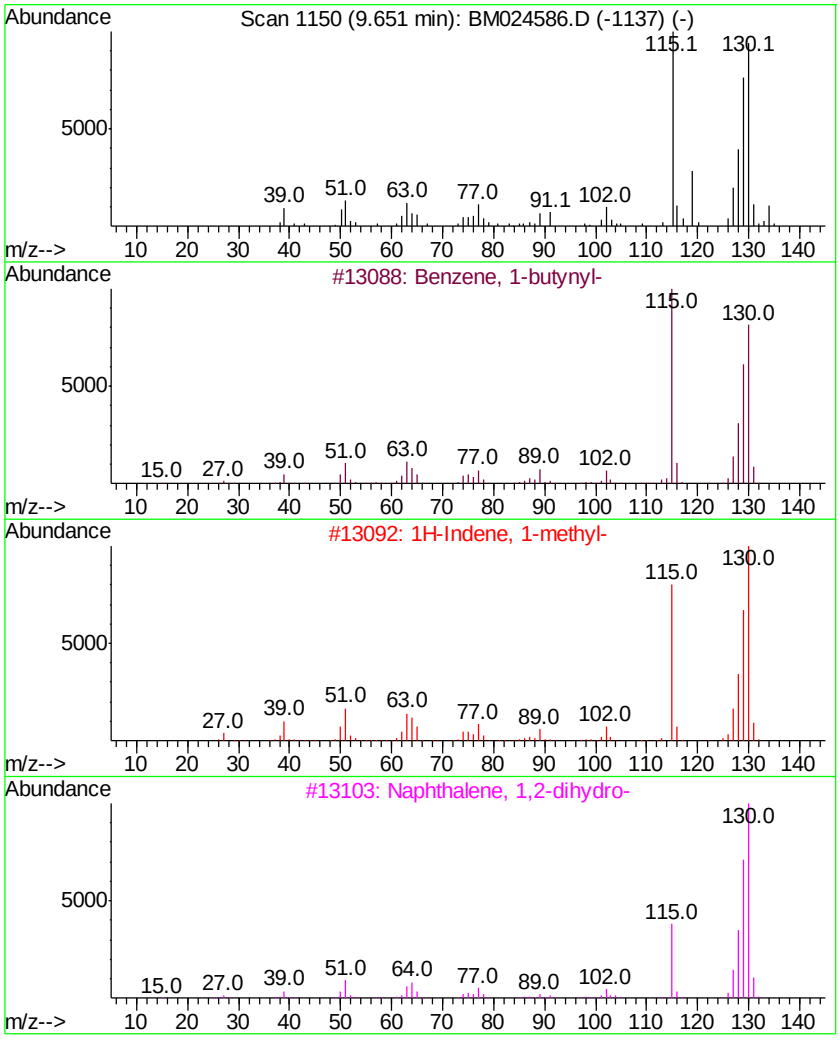
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

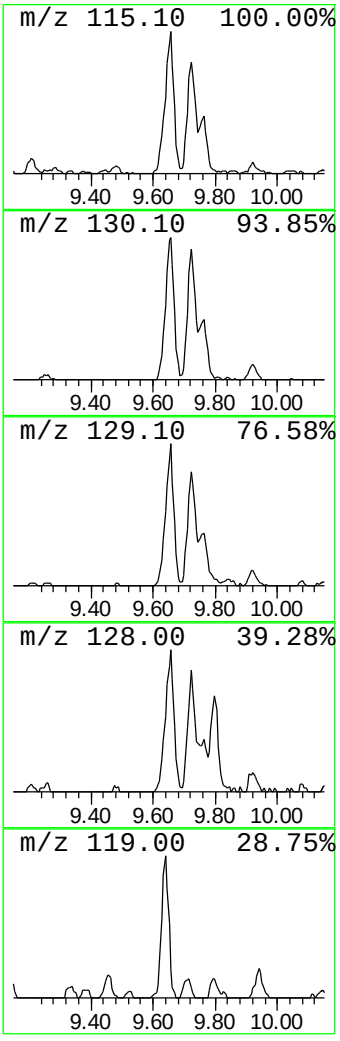
****

Peak Number 6 Benzene, 1-butynyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	4.07 ng/ul	408764	Naphthalene-d8	10.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5	2-Methylindene	130	C10H10	002177-47-1	90





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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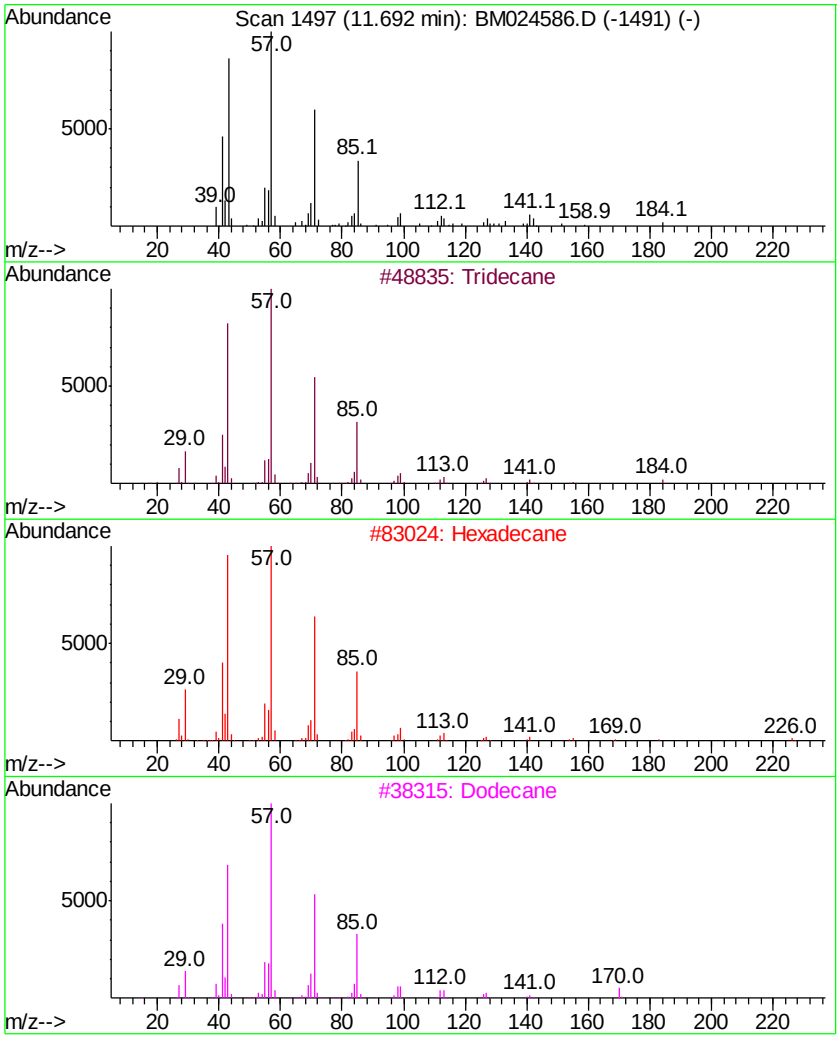
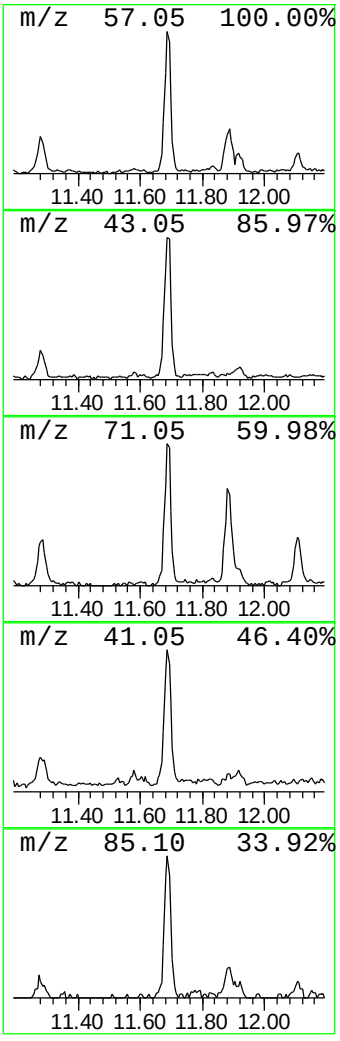
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.56 ng/ul	257205	Naphthalene-d8	10.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

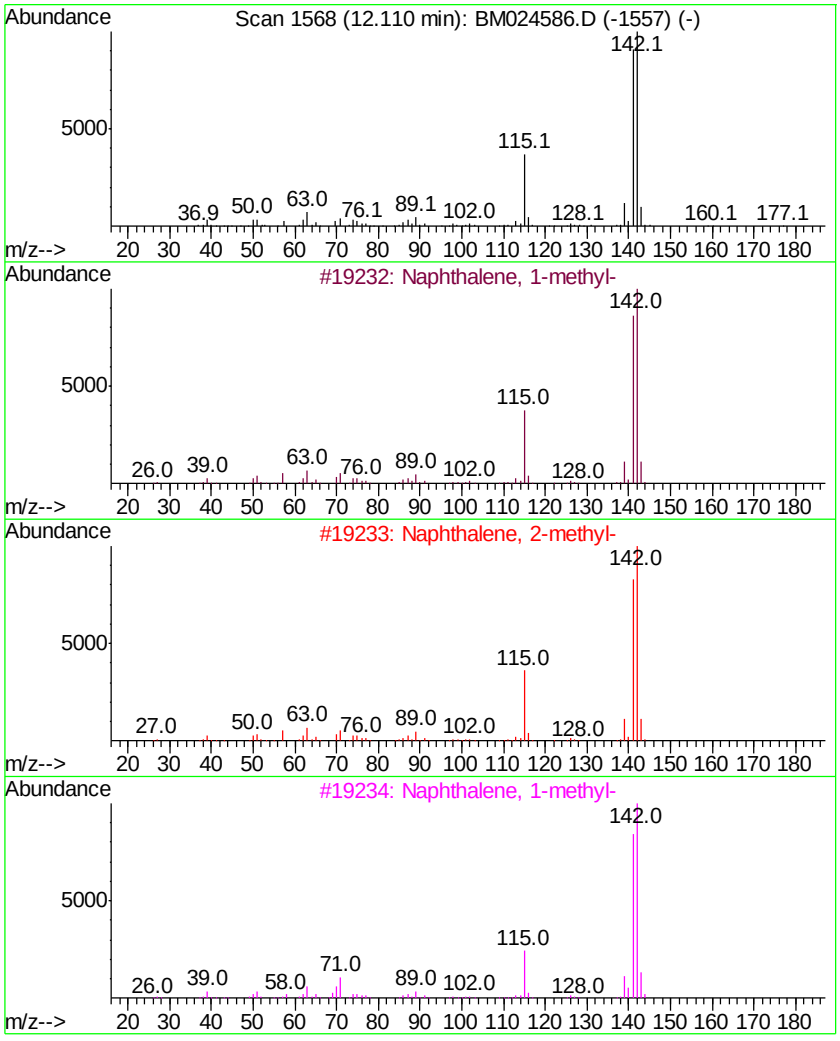
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

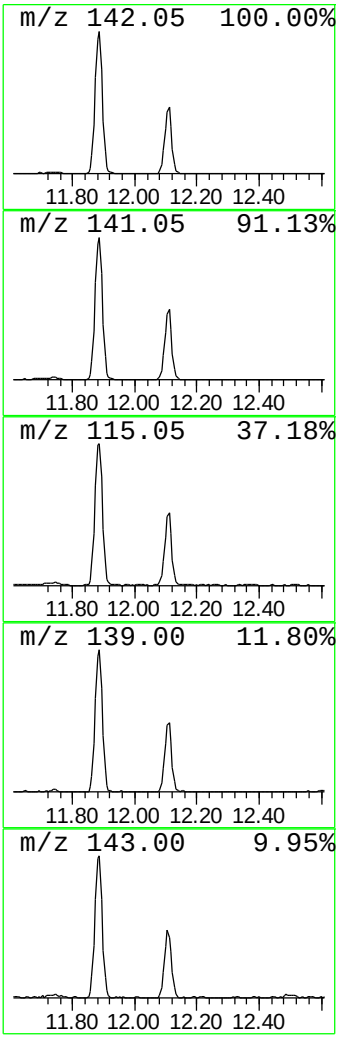
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	8.94 ng/ul	896815	Naphthalene-d8	10.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

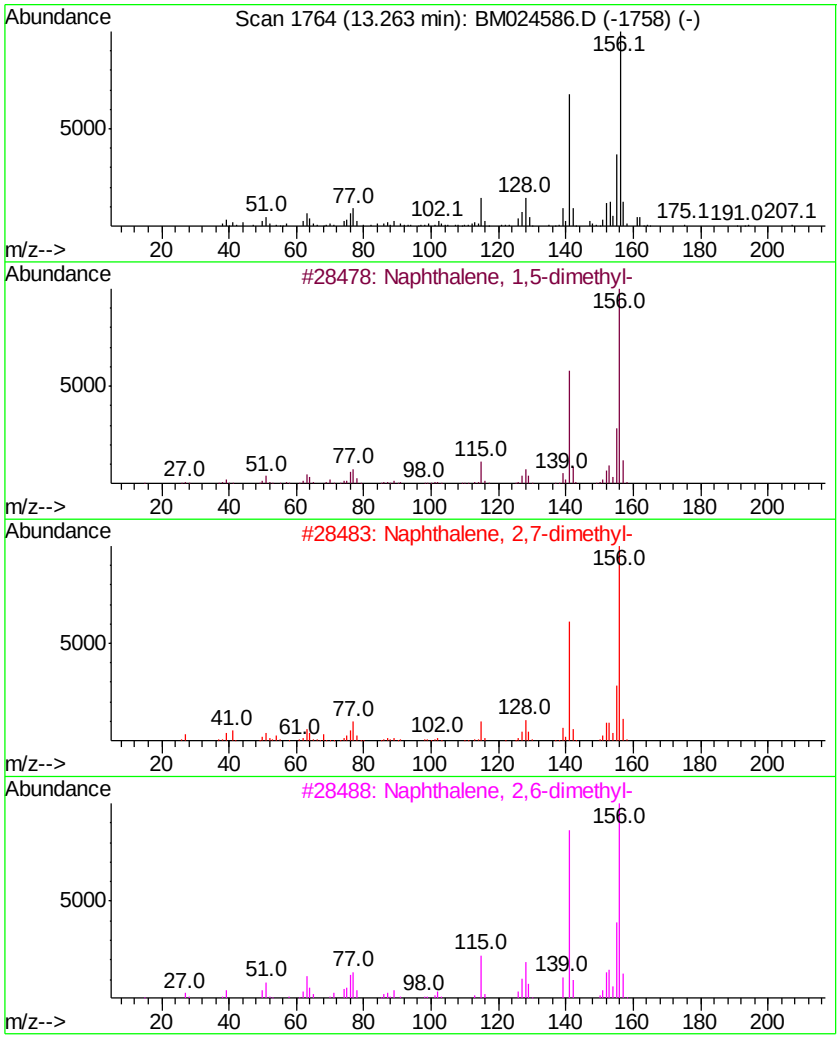
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

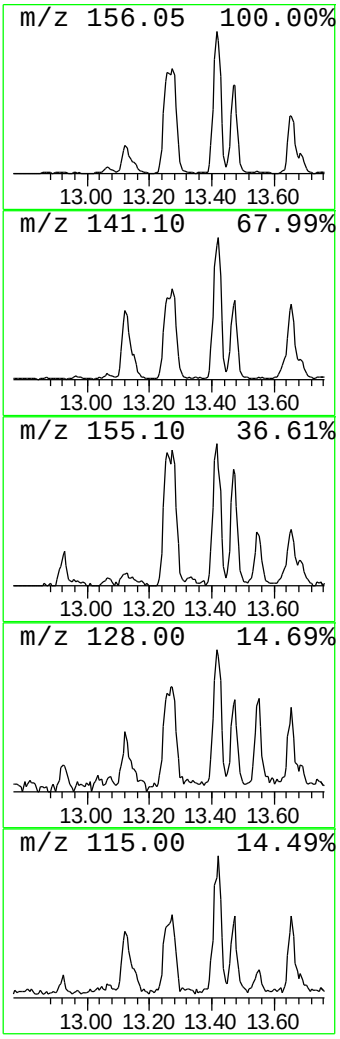
****

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.21 ng/ul	316367	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

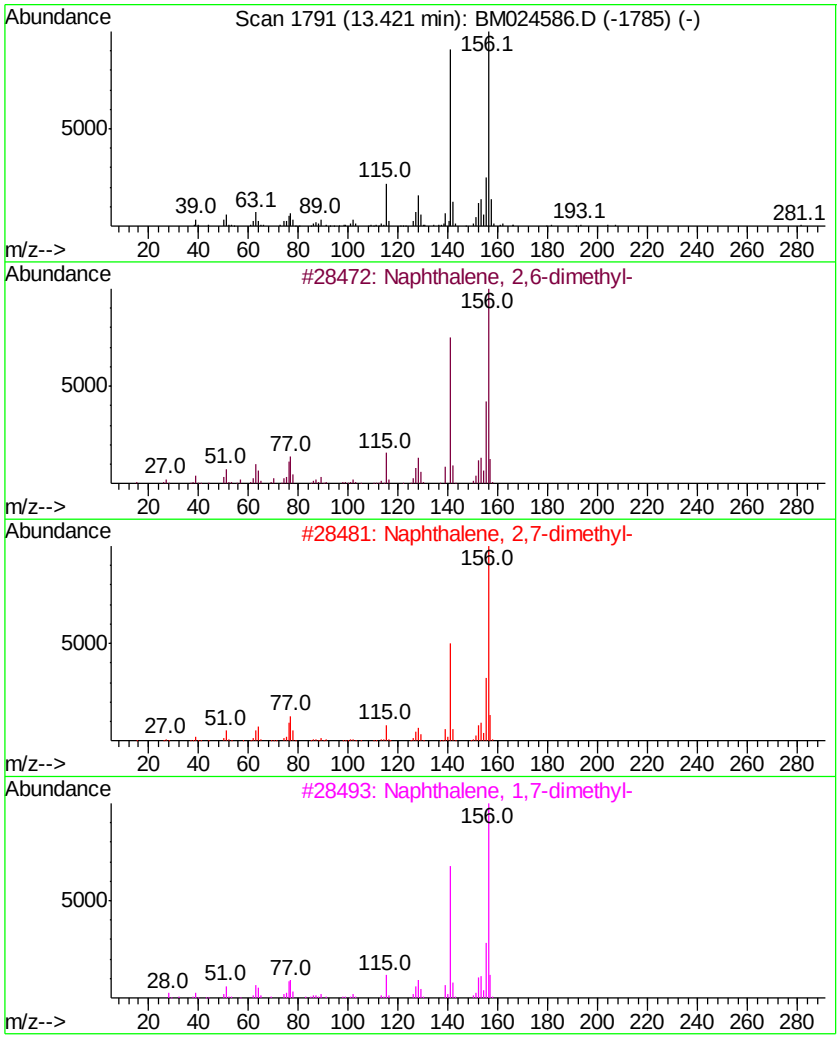
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

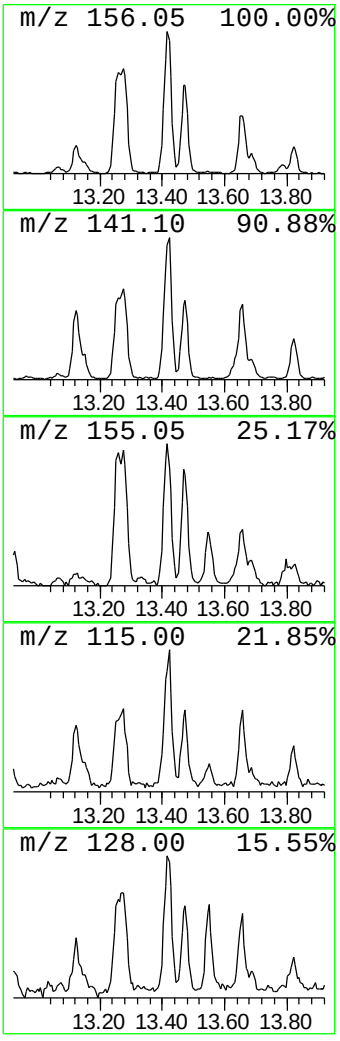
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.85 ng/ul	408896	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

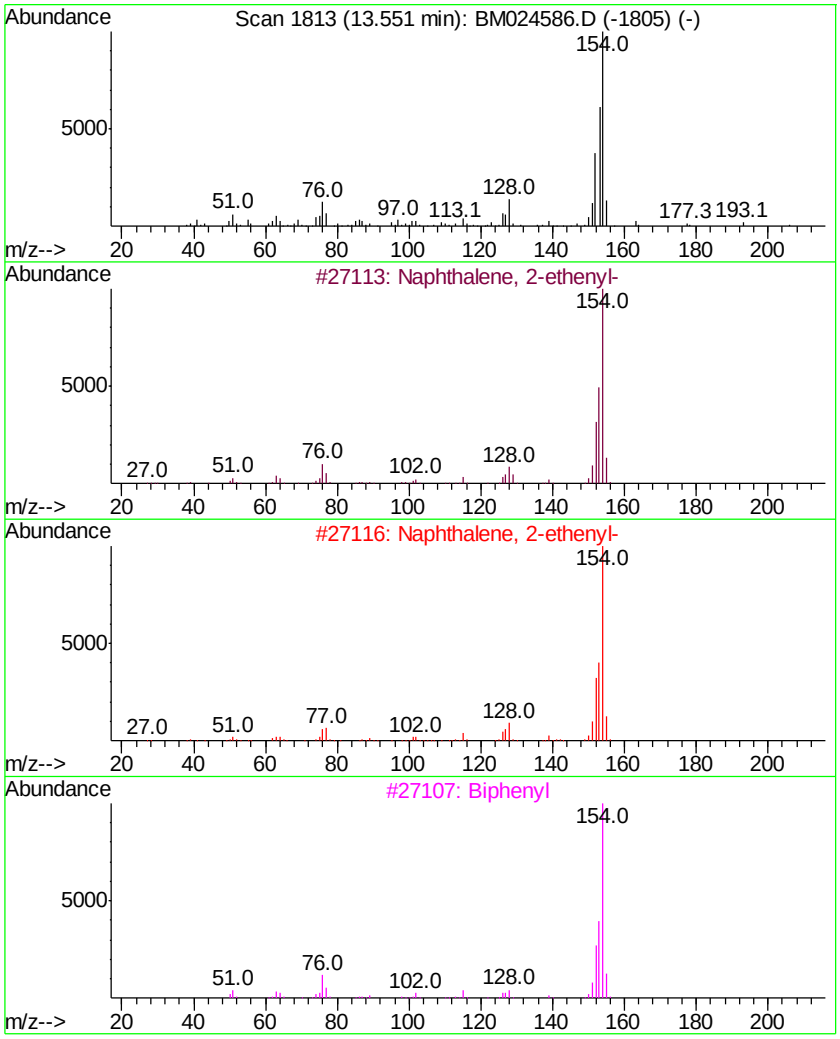
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

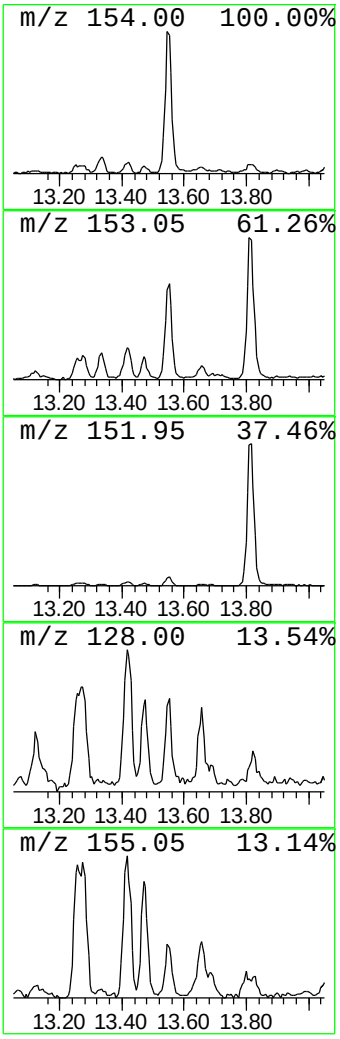
****

Peak Number 11 Naphthalene, 2-ethenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.75 ng/ul	394230	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	87
4	Biphenyl	154	C12H10	000092-52-4	87
5	Biphenyl	154	C12H10	000092-52-4	81





Library Search Compound Report

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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

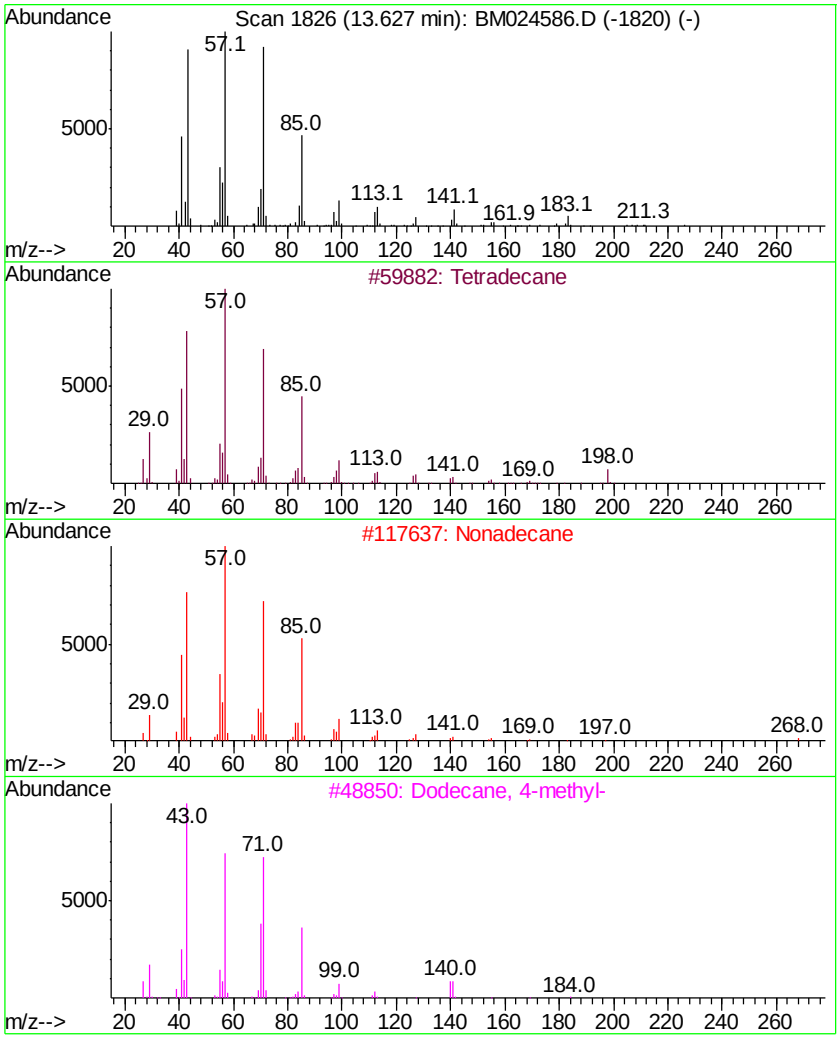
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

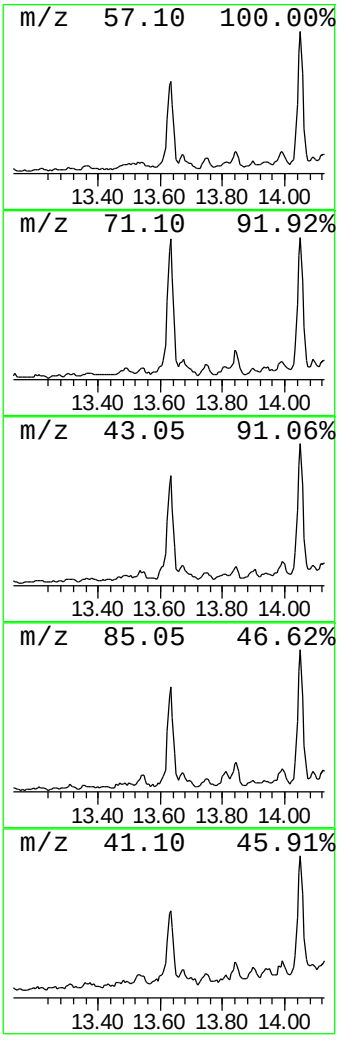
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.34 ng/ul	909005	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

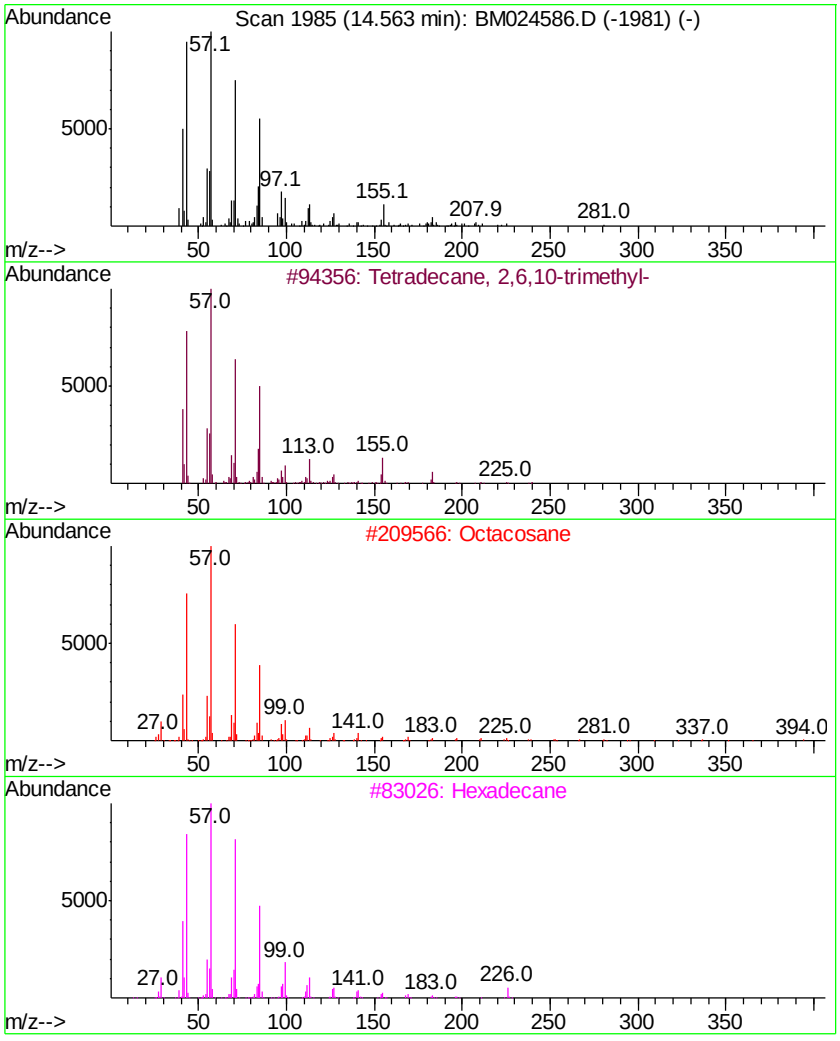
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

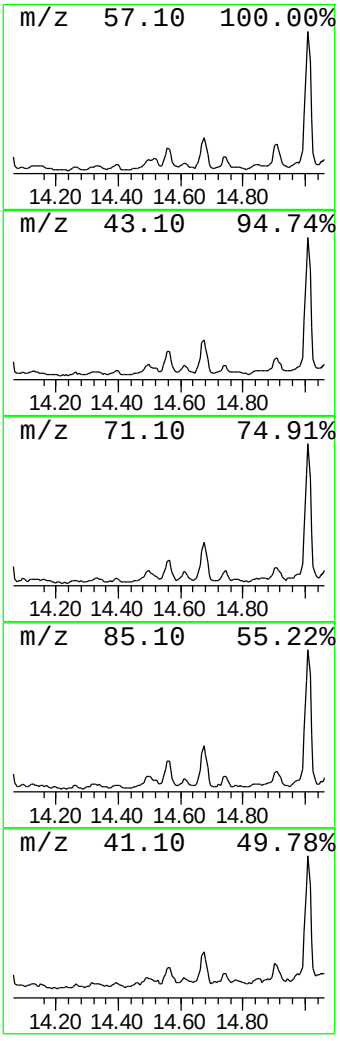
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.93 ng/ul	420304	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2	Octacosane	394	C28H58	000630-02-4	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	Hexacosane	366	C26H54	000630-01-3	72





Library Search Compound Report

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Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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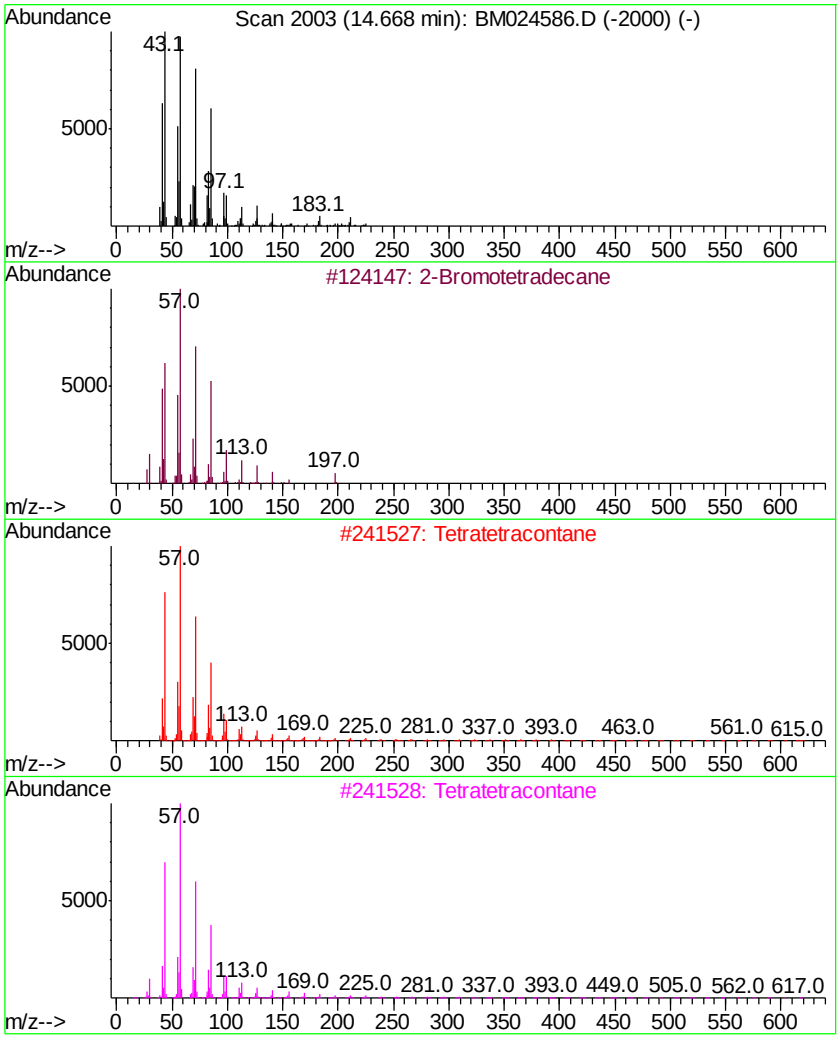
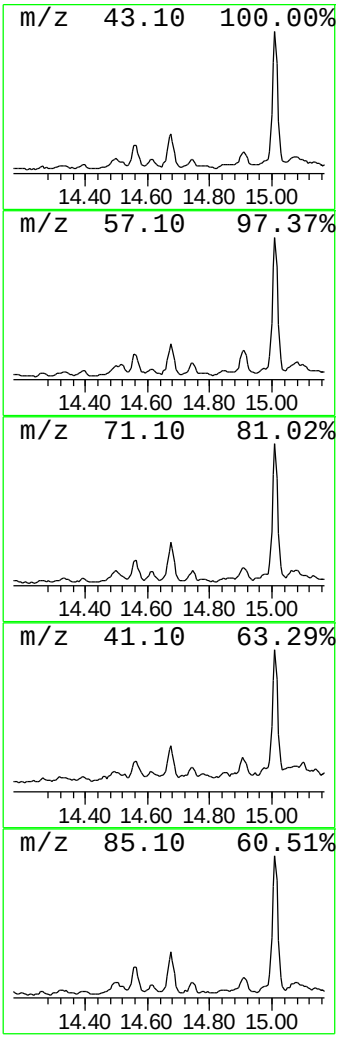
Peak Number 14 2-Bromotetradecane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.39 ng/ul	486503	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heneicosane	296	C21H44	000629-94-7	80





Library Search Compound Report

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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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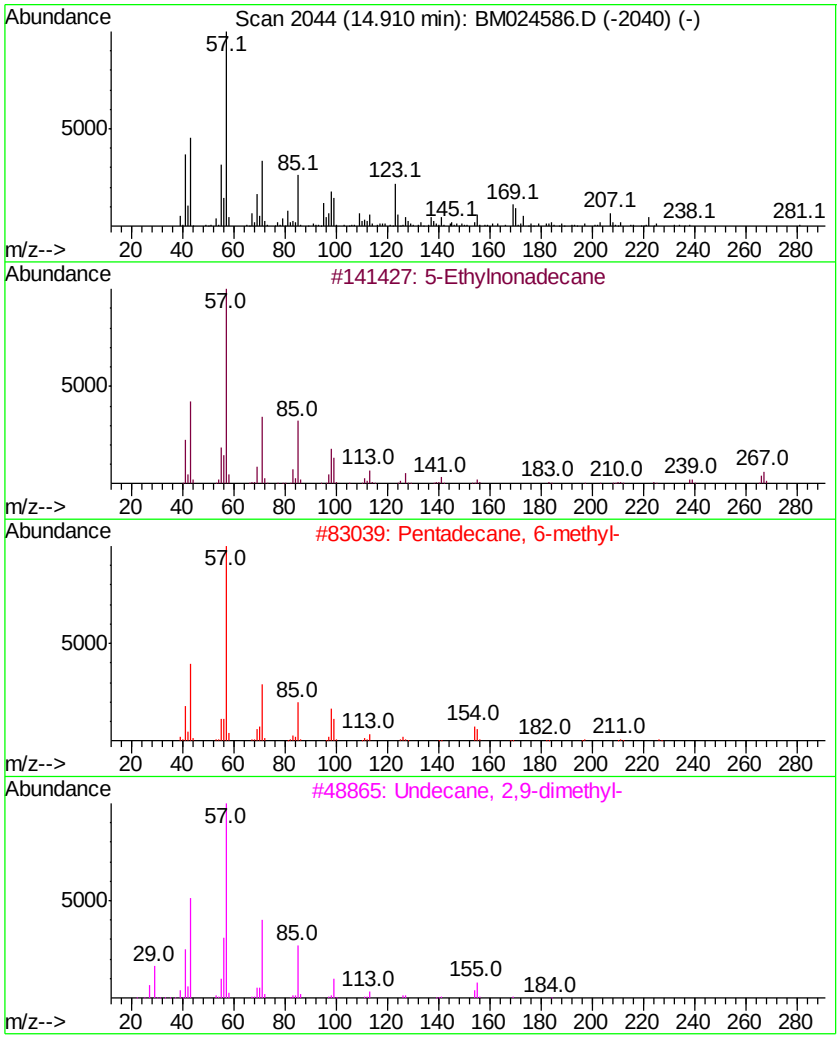
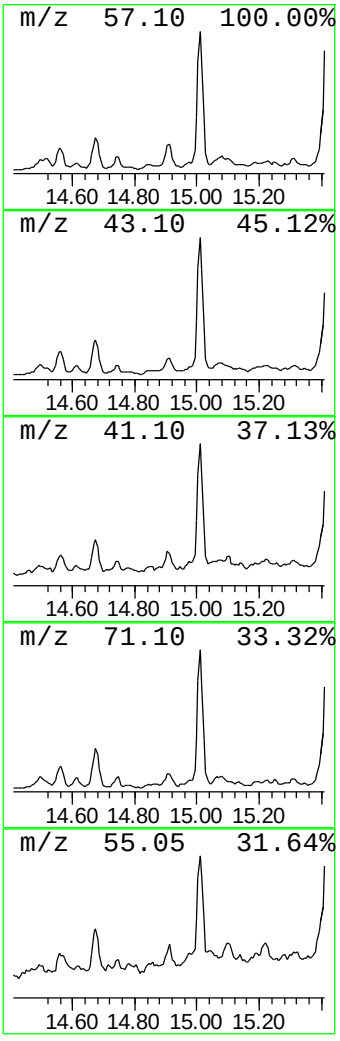
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.39 ng/ul	342909	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethylnonadecane	296	C21H44	1000360-43-1	49
2	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	43
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	38
5	Tetratetracontane	619	C44H90	007098-22-8	38





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Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

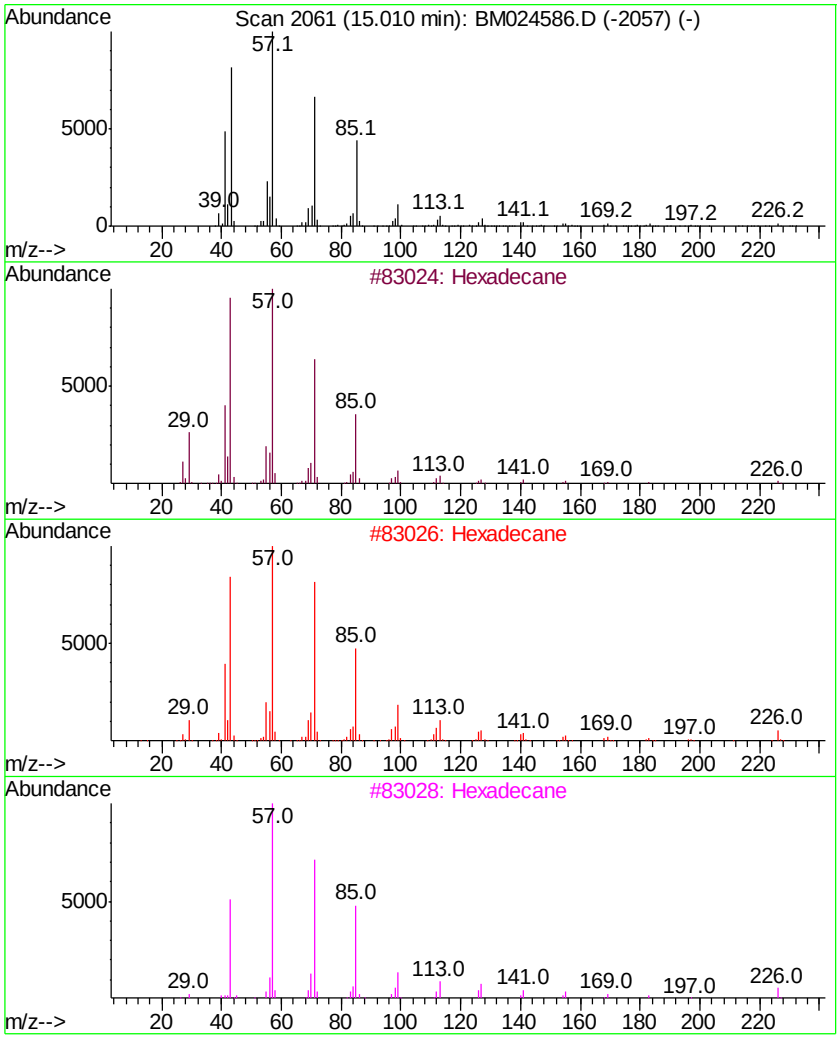
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

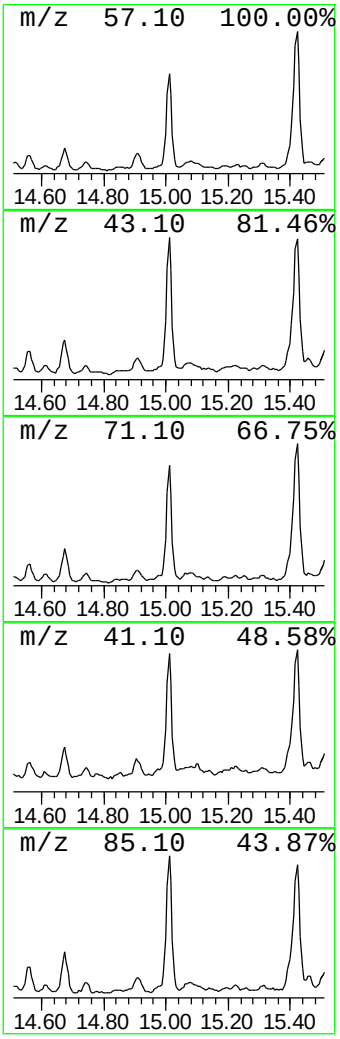
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	10.57 ng/ul	1515010	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Hexadecane	226	C16H34	000544-76-3	89
5	Pentadecane	212	C15H32	000629-62-9	87





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Data File : BM024586.D
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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

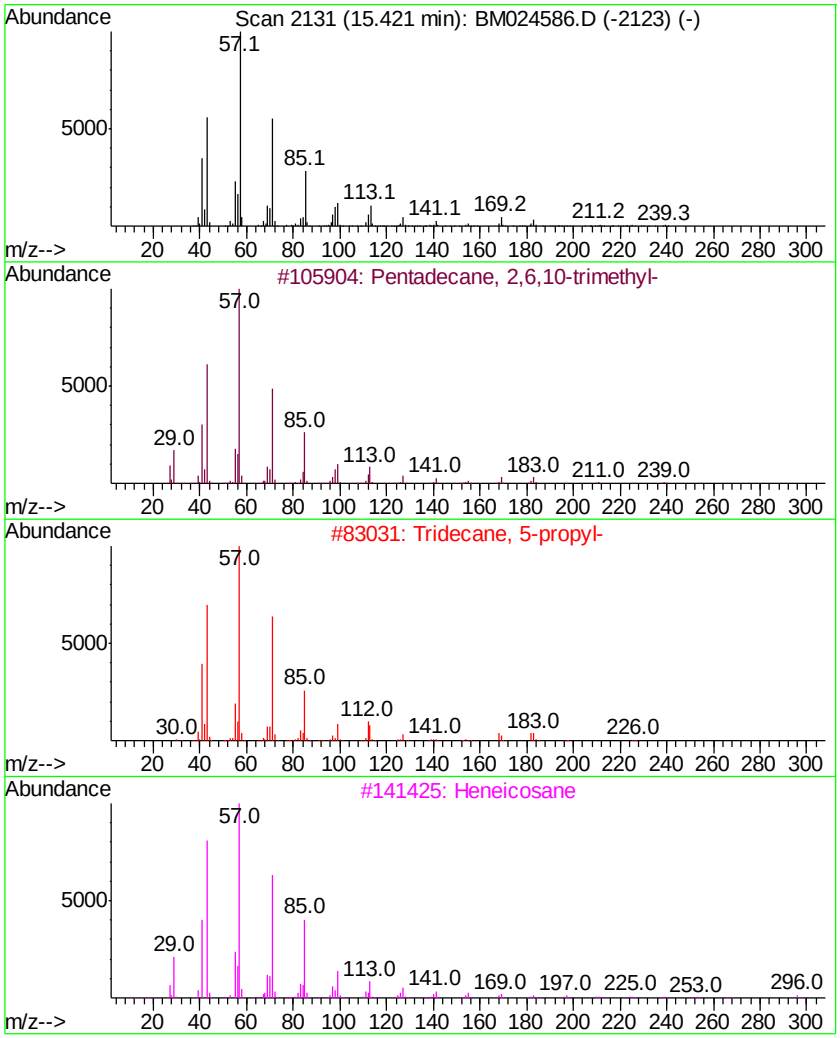
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

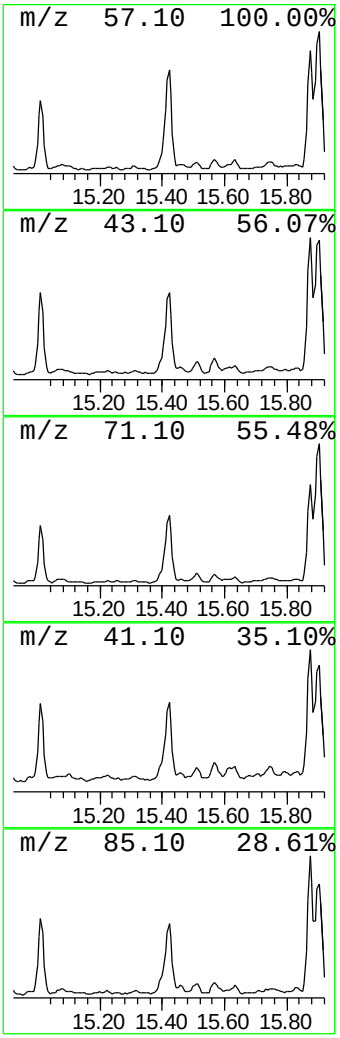
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	18.44 ng/ul	2643710	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74





Library Search Compound Report

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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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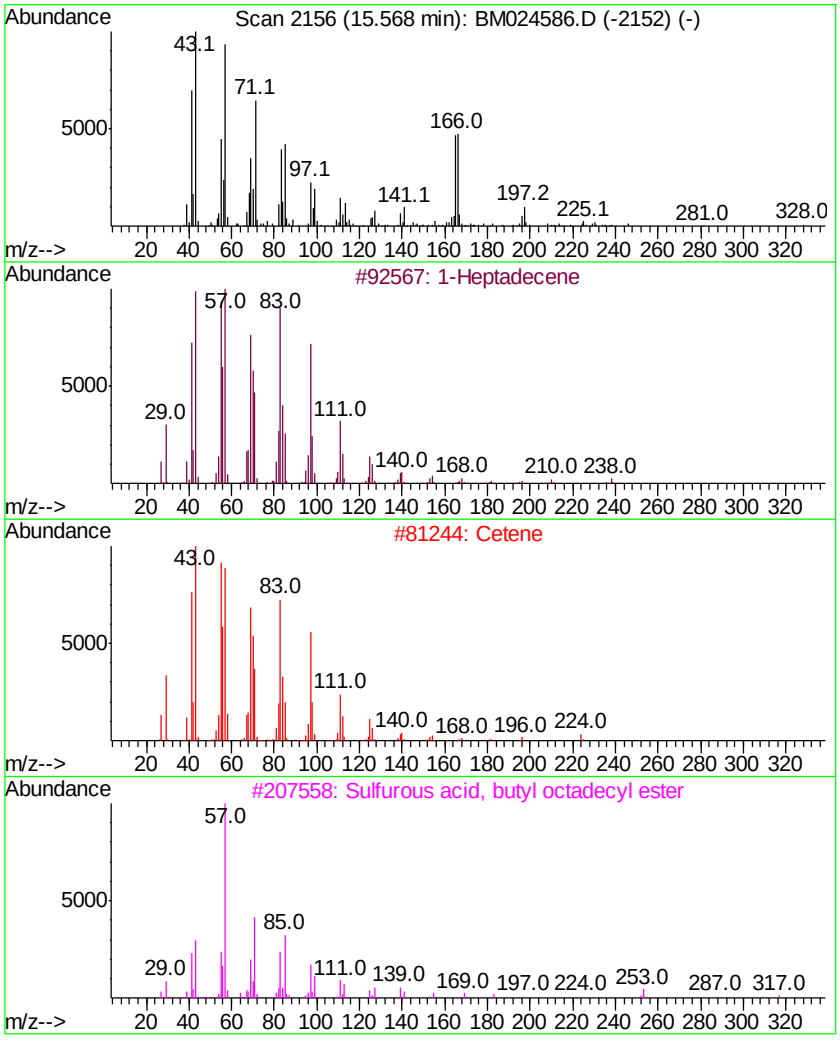
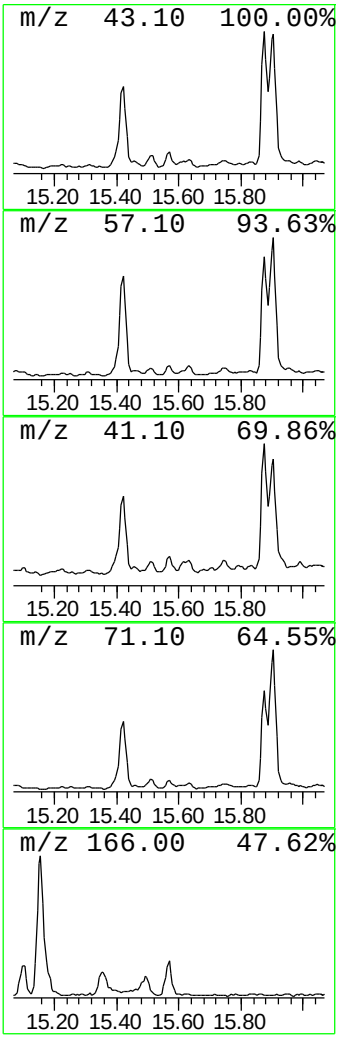
Peak Number 19 (DEL) Alkane: Cyclic15.57 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.11 ng/ul	450333	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	55
2	Cetene	224	C16H32	000629-73-2	53
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	52
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	46
5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	43





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

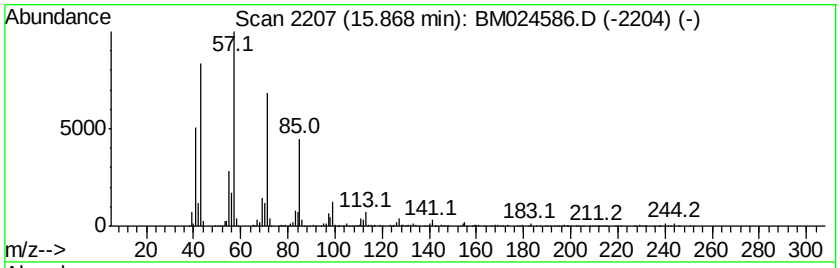
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

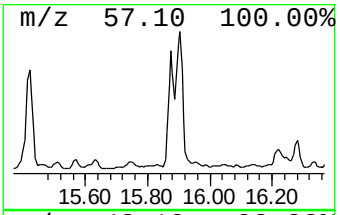
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

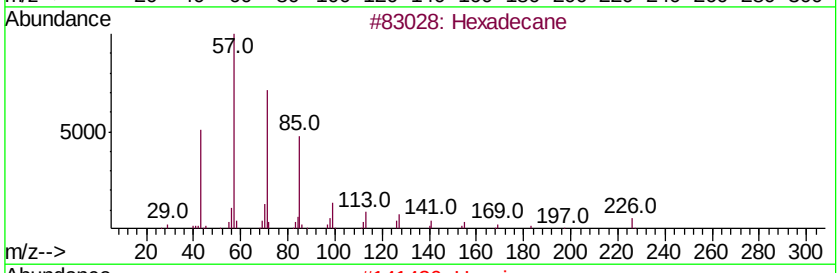
****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

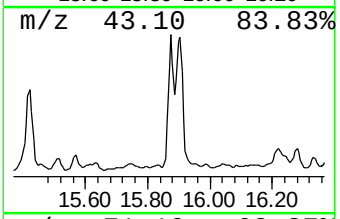
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	19.55 ng/ul	2831400	Phenanthrene-d10	16.85

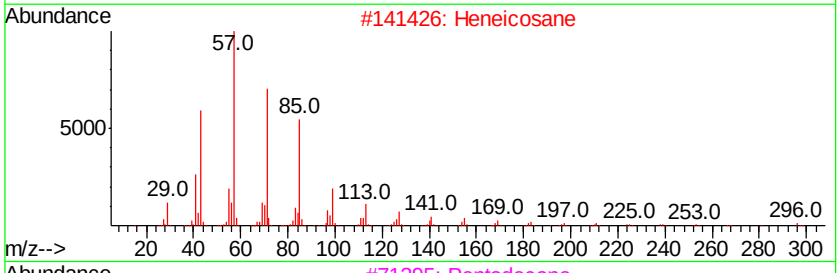
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Tetradecane	198	C14H30	000629-59-4	87

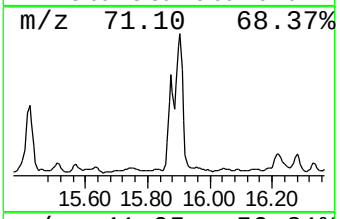


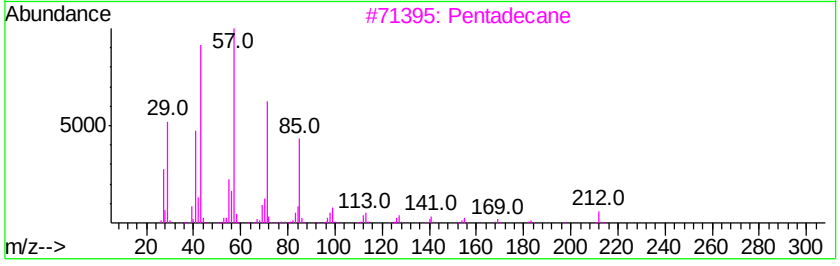


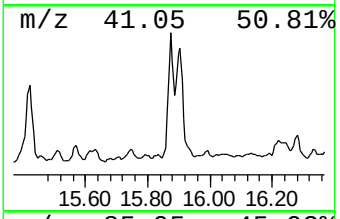


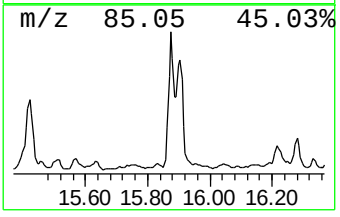












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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

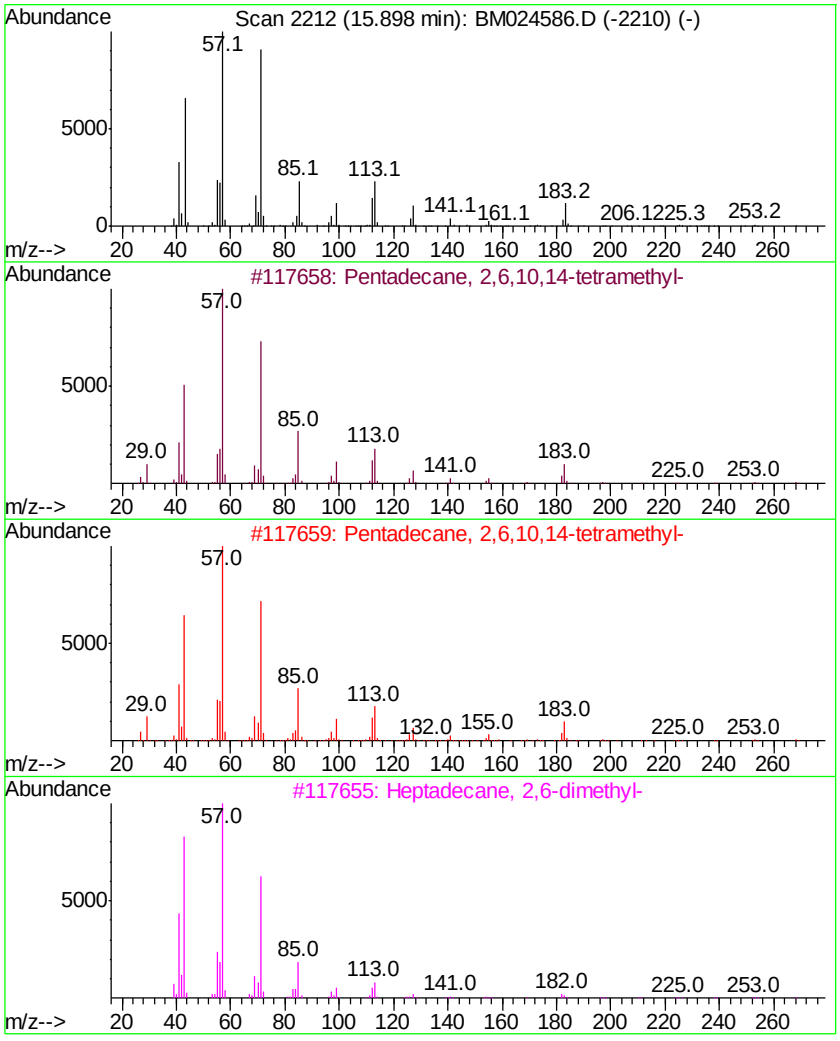
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

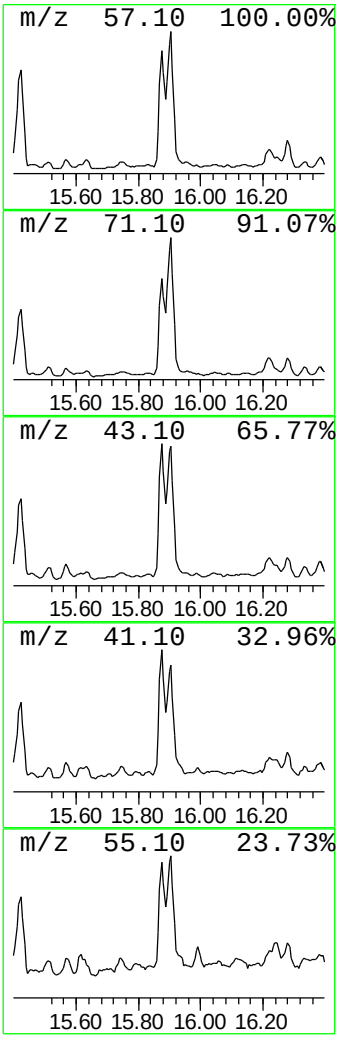
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	24.27 ng/ul	3515880	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

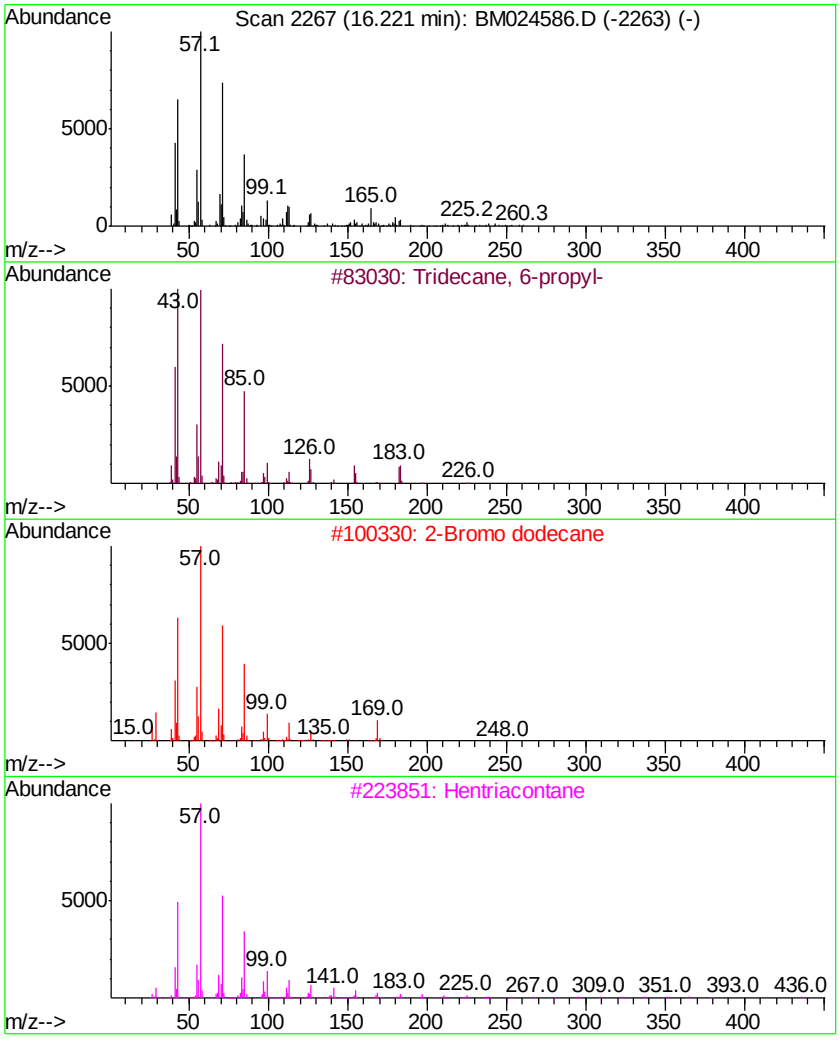
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

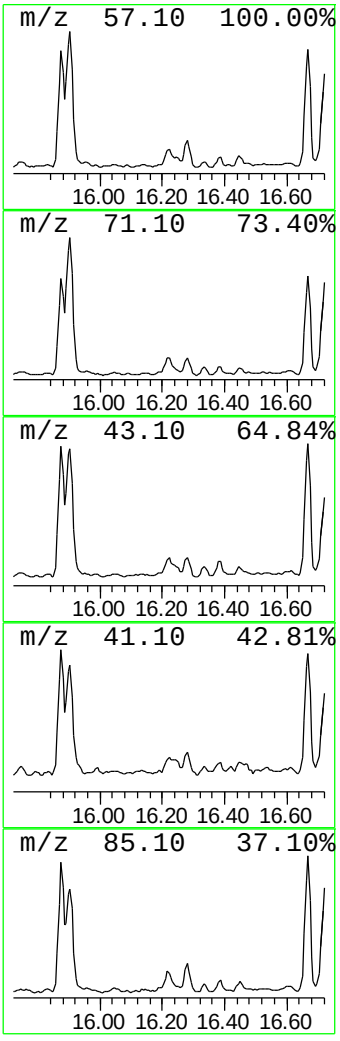
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	5.82 ng/ul	842787	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

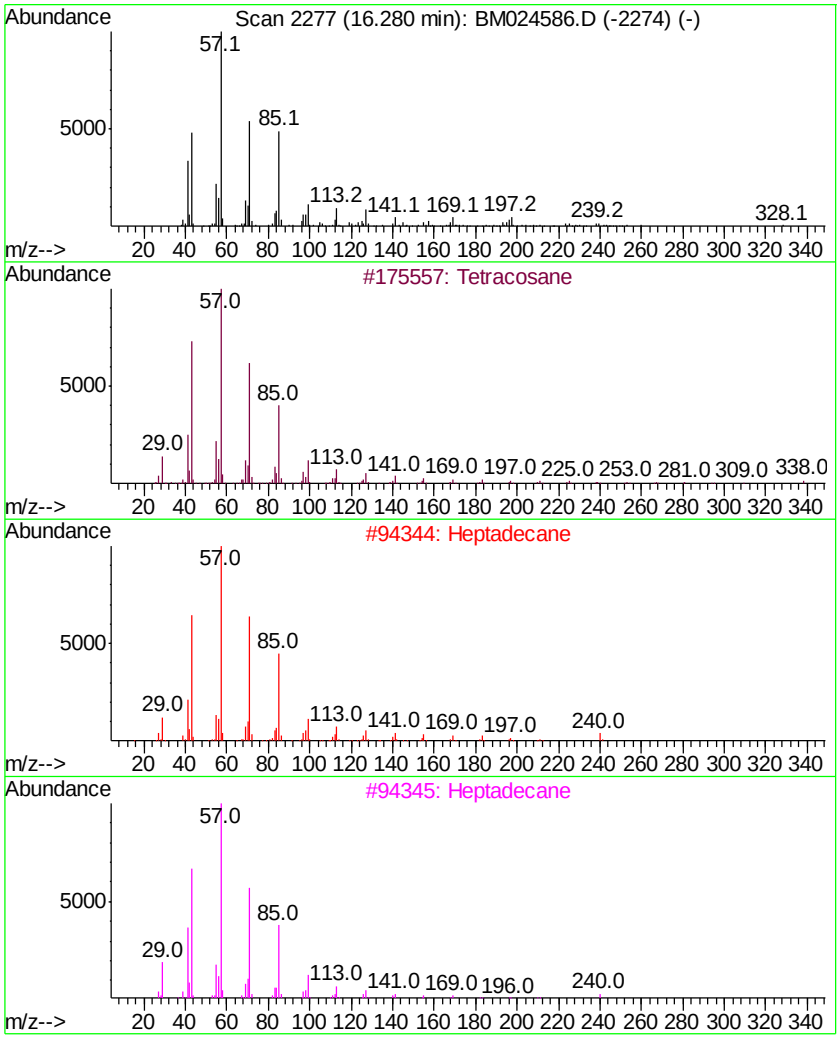
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

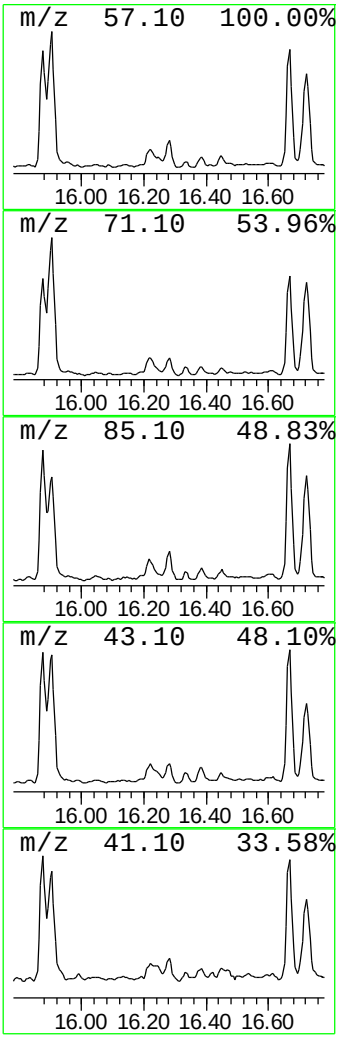
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.25 ng/ul	615651	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octadecane	254	C18H38	000593-45-3	86





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

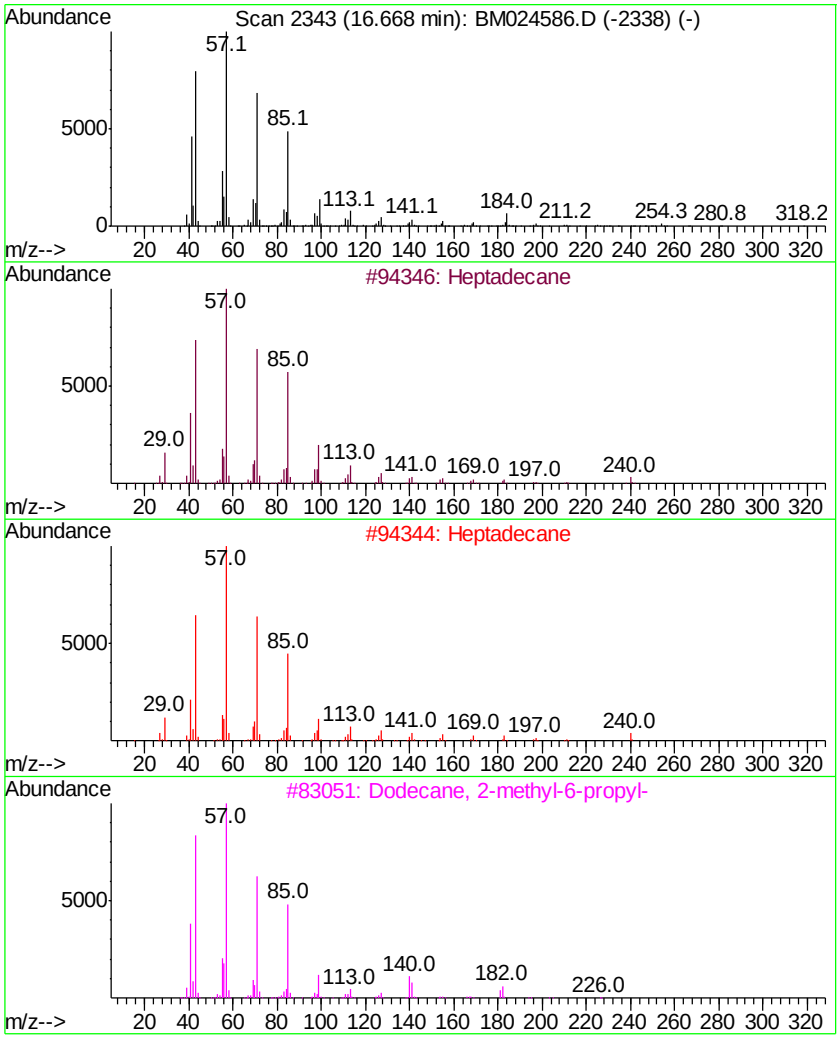
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

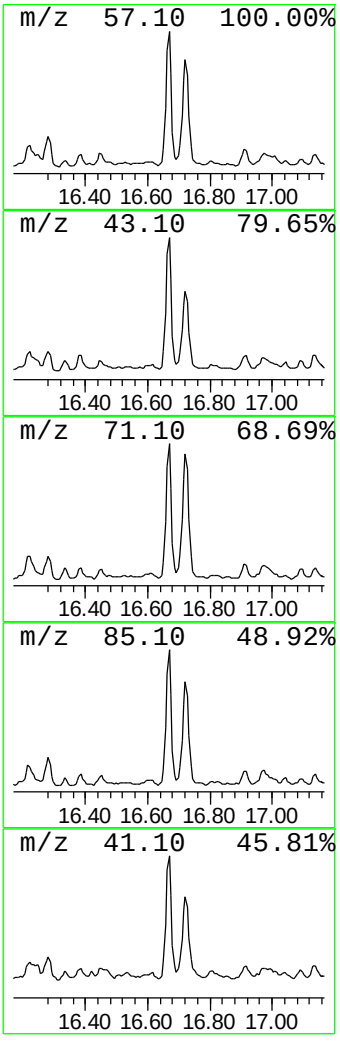
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	20.67 ng/ul	2994180	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
4	Tridecane	184	C13H28	000629-50-5	93
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

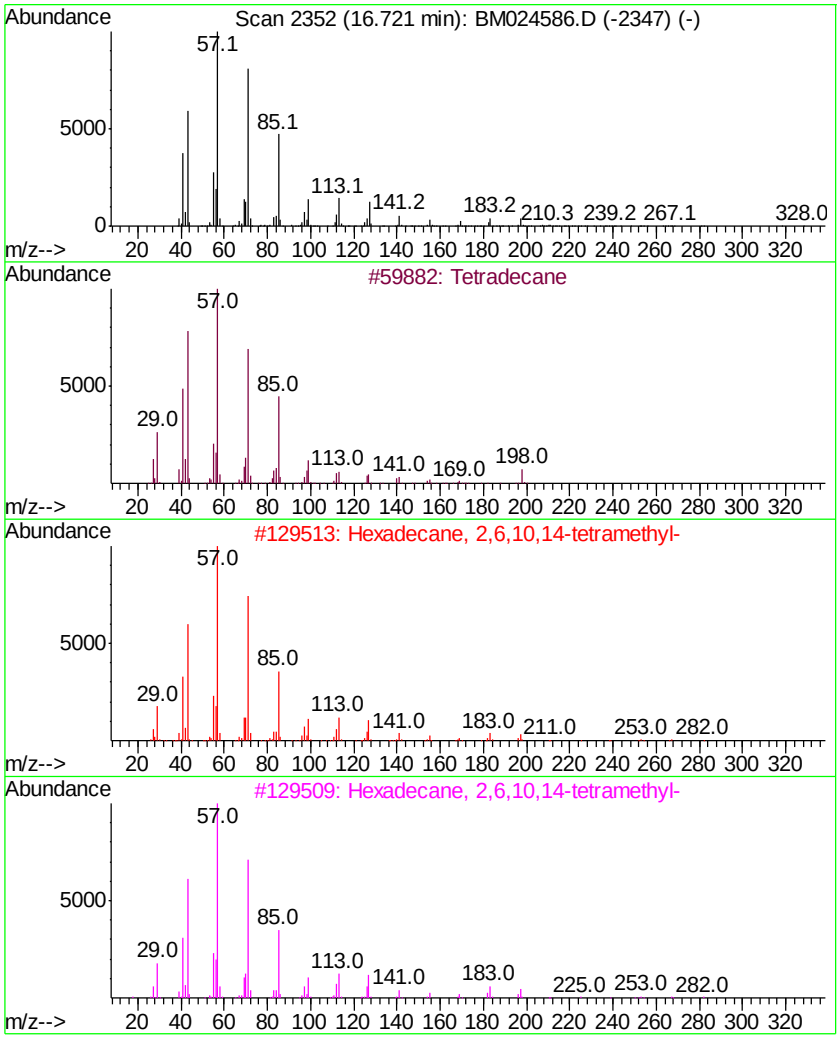
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

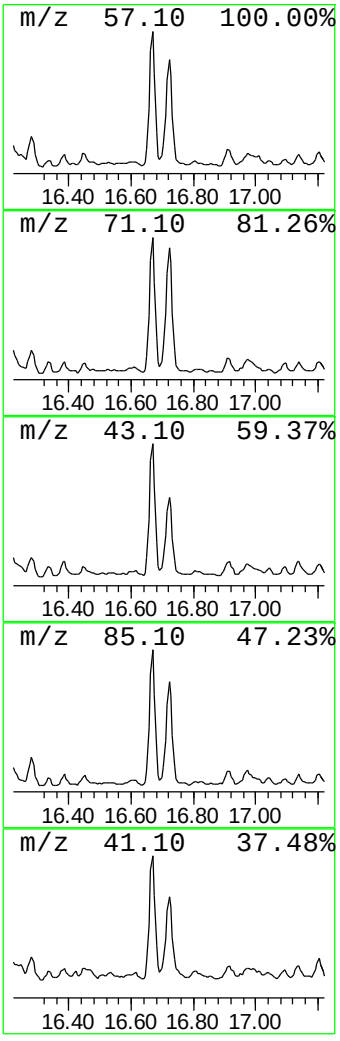
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	19.99 ng/ul	2895580	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





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Data File : BM024586.D
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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

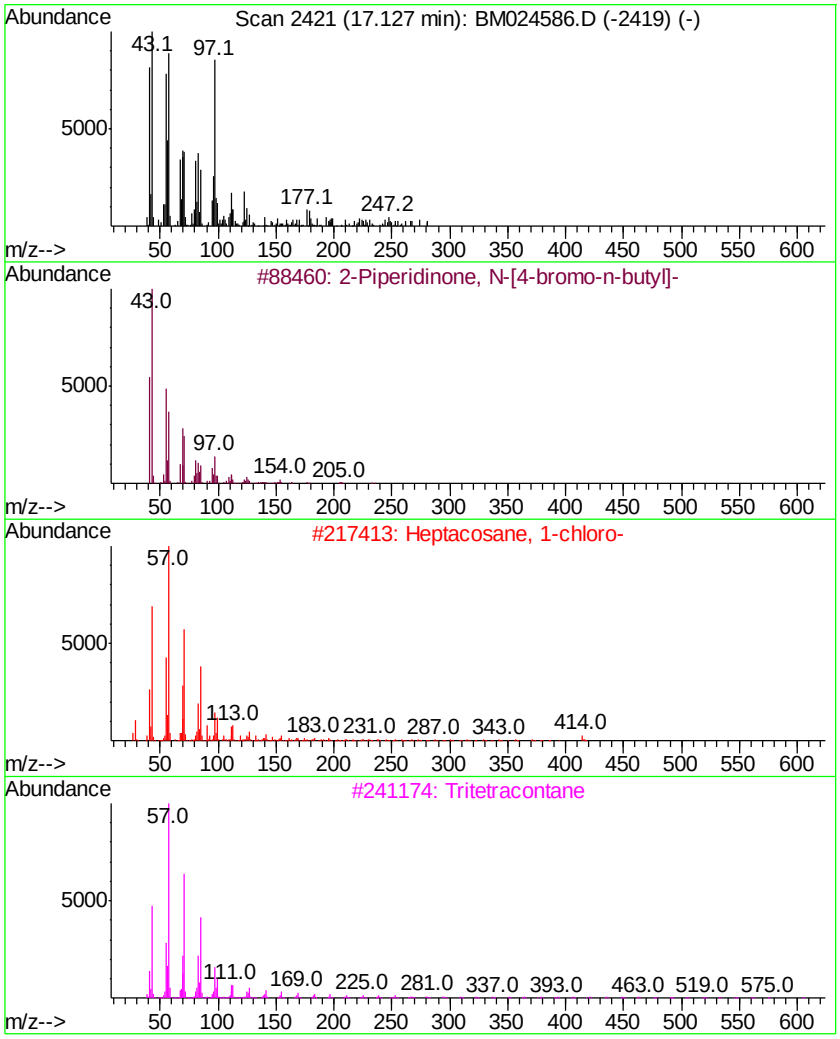
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

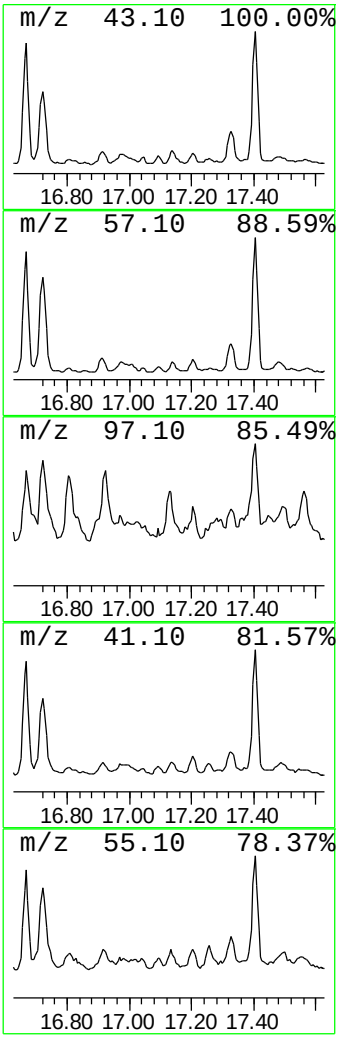
****

Peak Number 26 2-Piperidinone, N-[4-bromo-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.58 ng/ul	373277	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	64
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
3	Tritetracontane	605	C43H88	007098-21-7	52
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	50
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	46





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Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

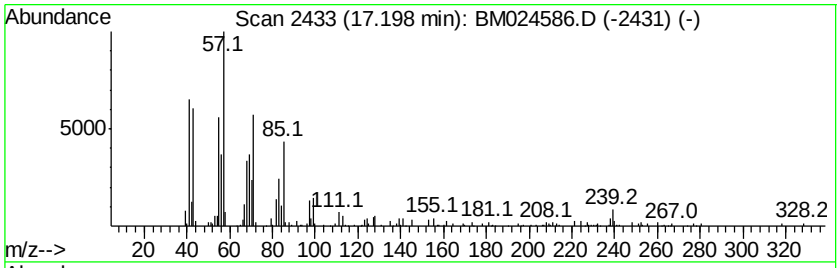
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

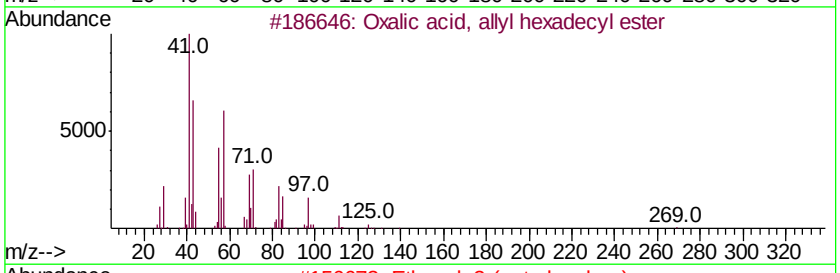
****

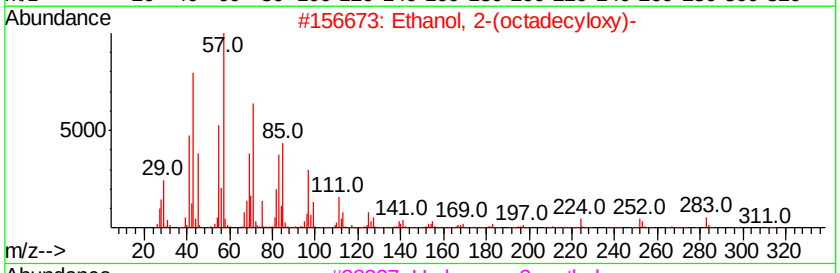
Peak Number 27 Oxalic acid, allyl hexadecy... Concentration Rank 39

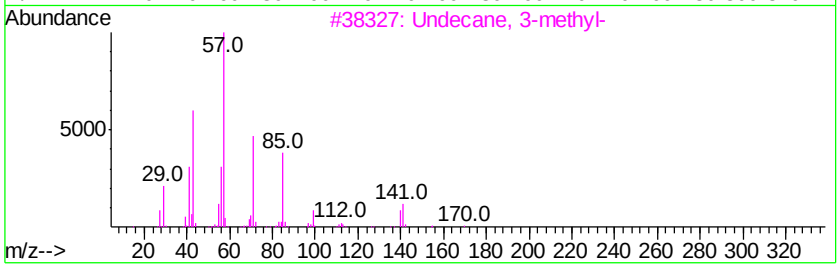
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.47 ng/ul	357980	Phenanthrene-d10	16.85

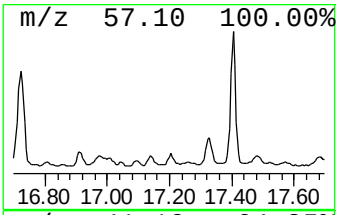
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	62
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	52
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	52
5	Propanal, 2-methyl-, 2-propenylh...	126	C7H14N2	066075-08-9	50

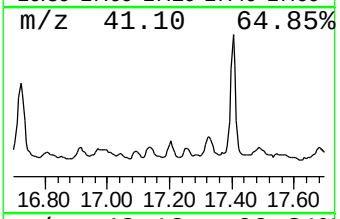


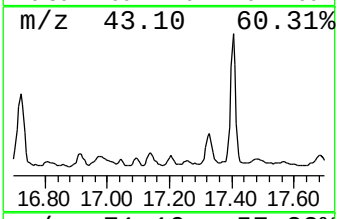


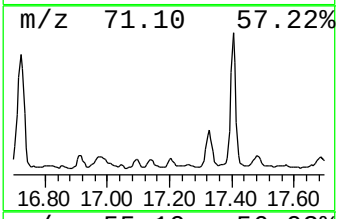


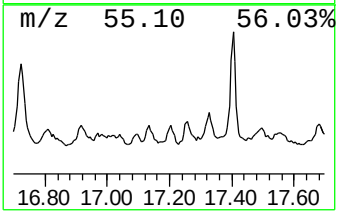












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

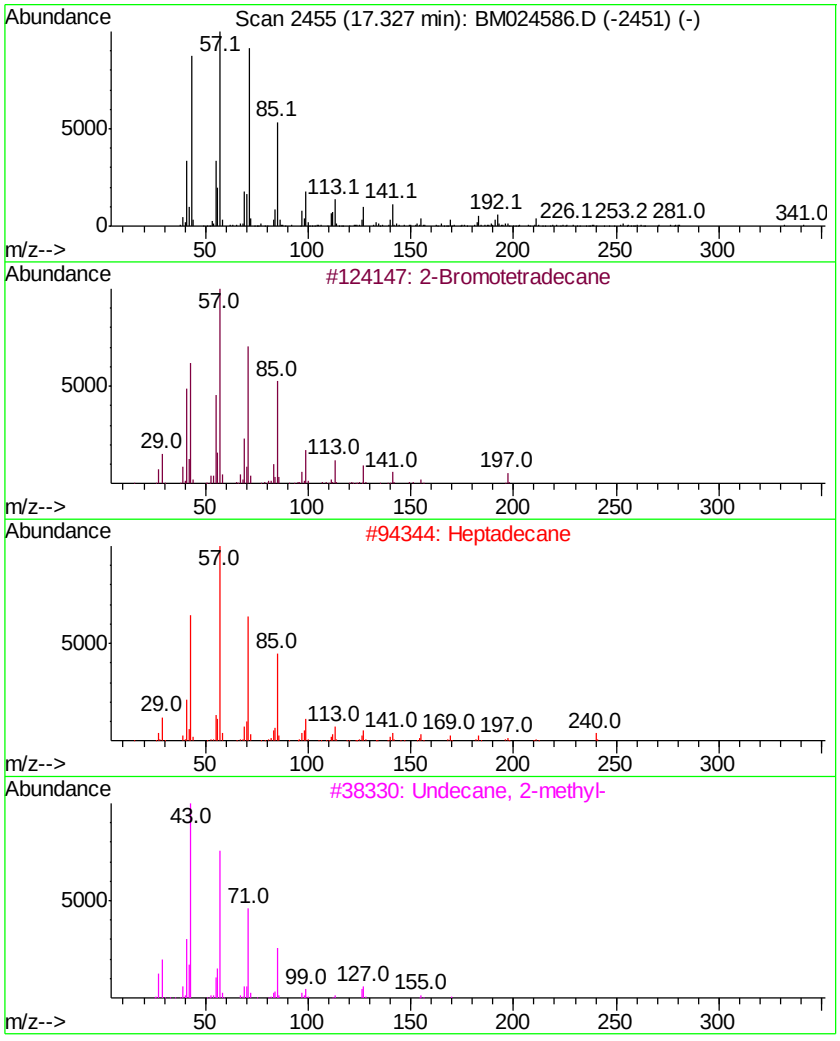
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

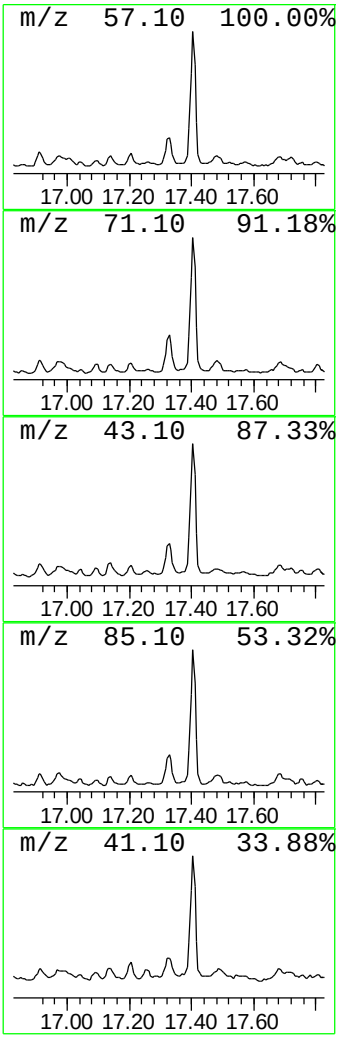
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	6.22 ng/ul	901528	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

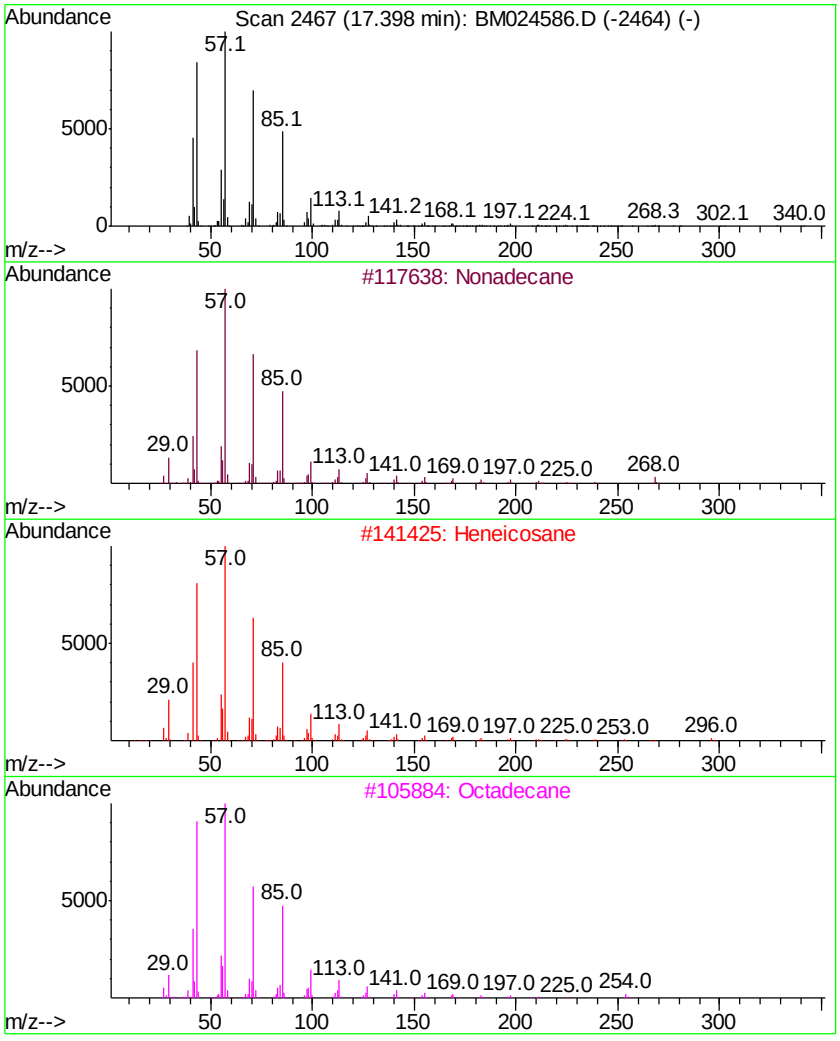
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

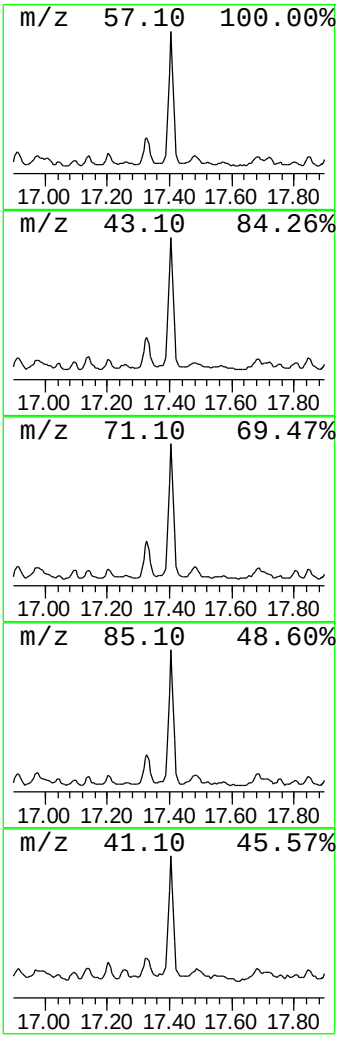
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	20.21 ng/ul	2927810	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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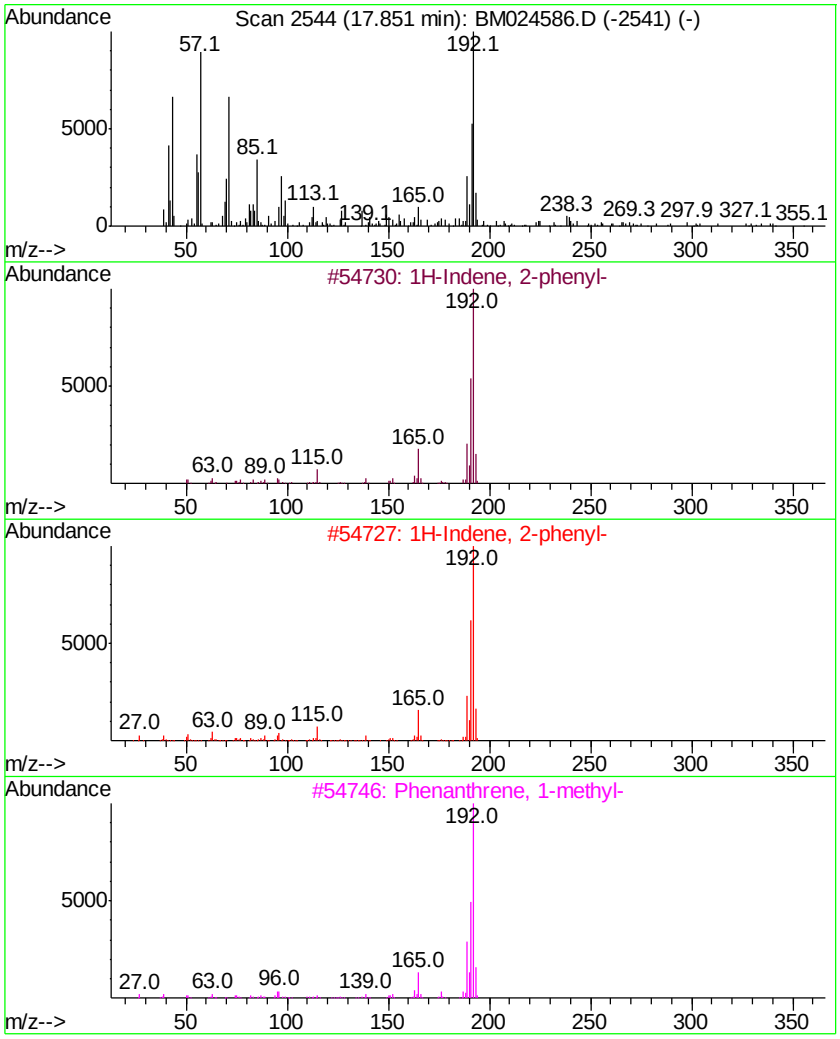
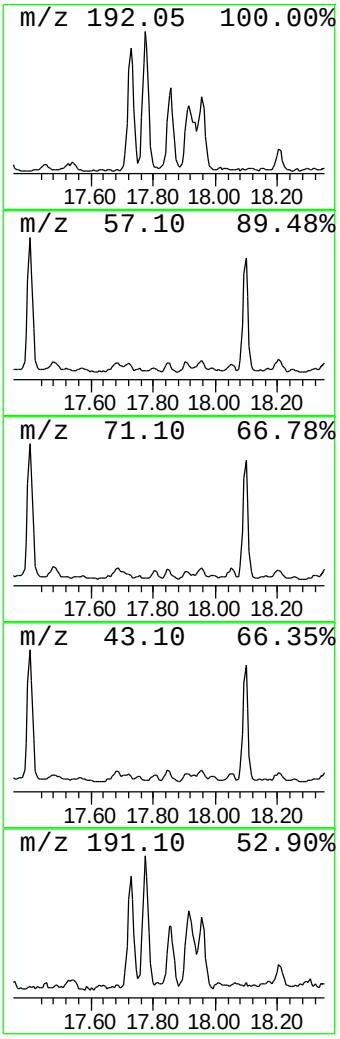
Peak Number 31 1H-Indene, 2-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.52 ng/ul	509482	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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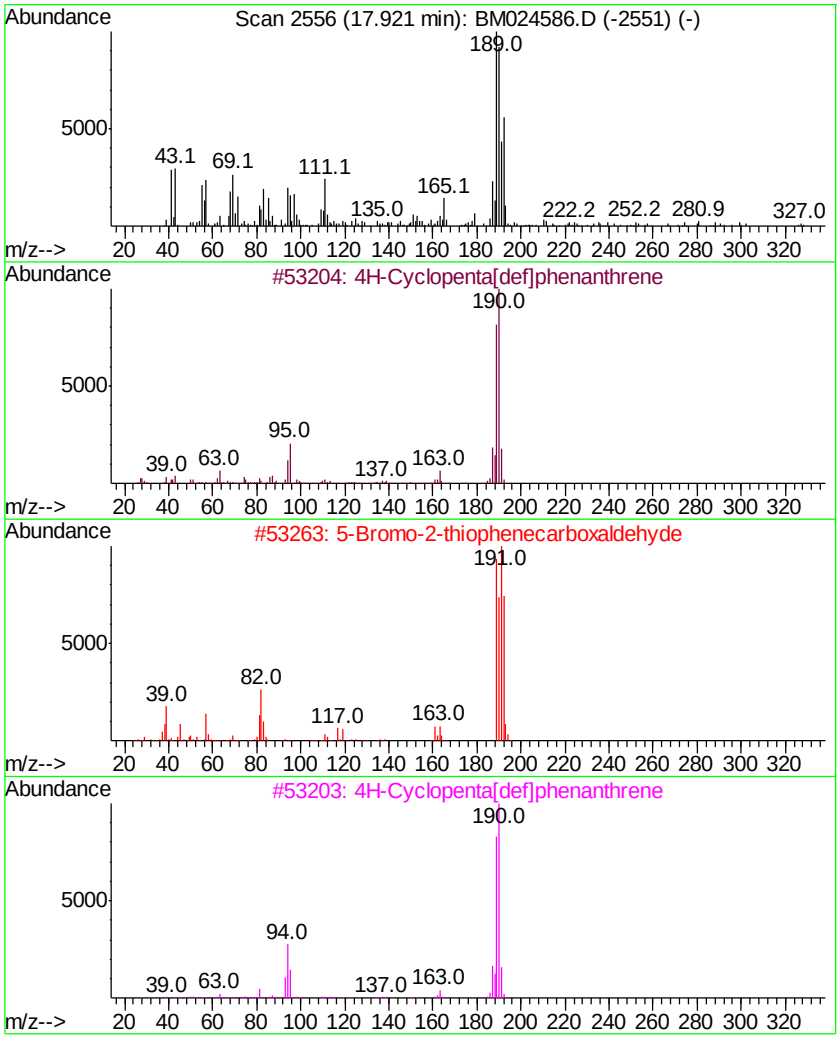
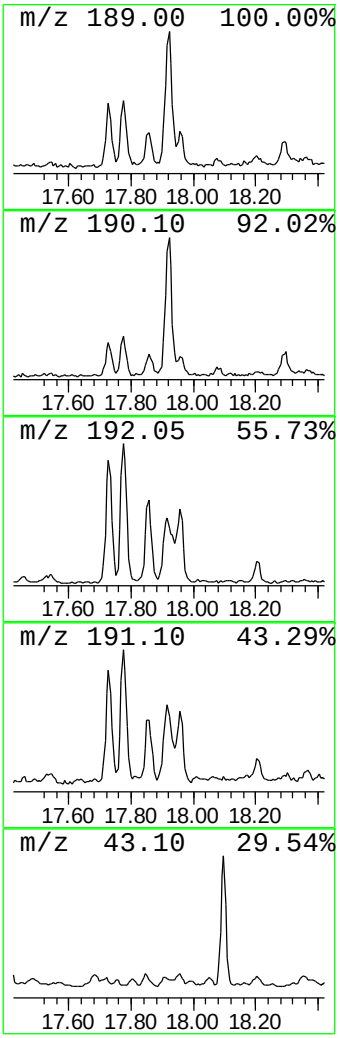
Peak Number 32 4H-Cyclopenta[def]phenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.60 ng/ul	666991	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

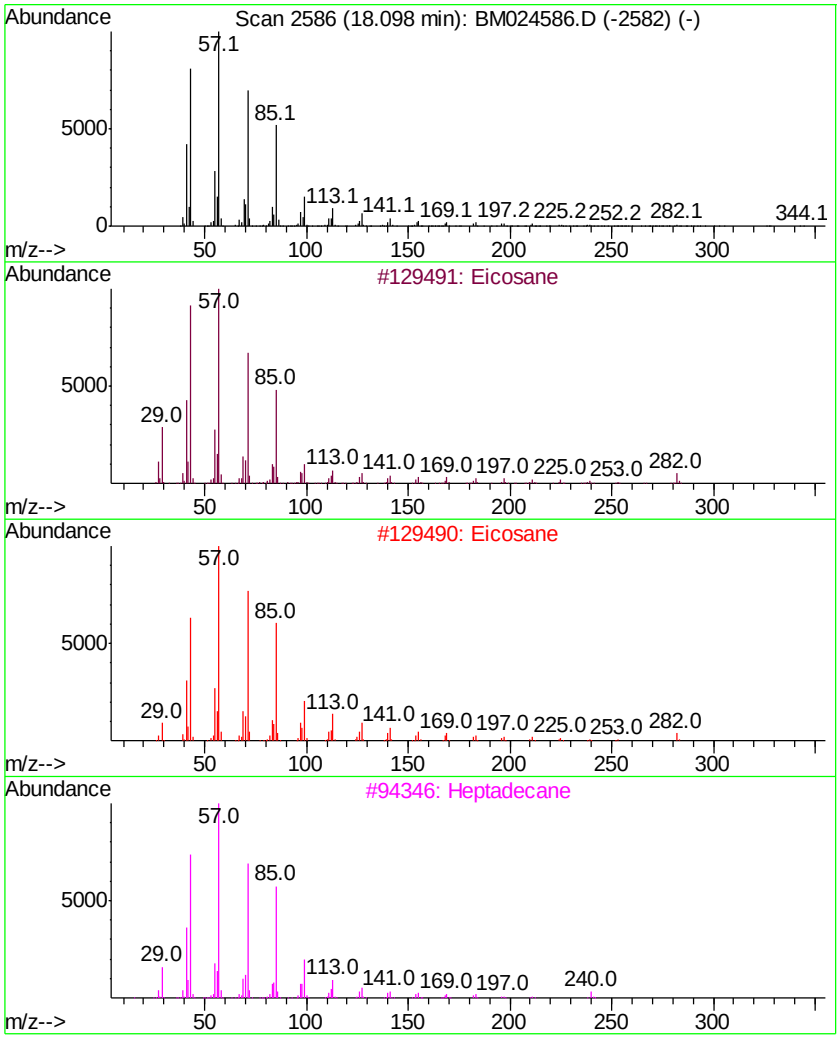
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

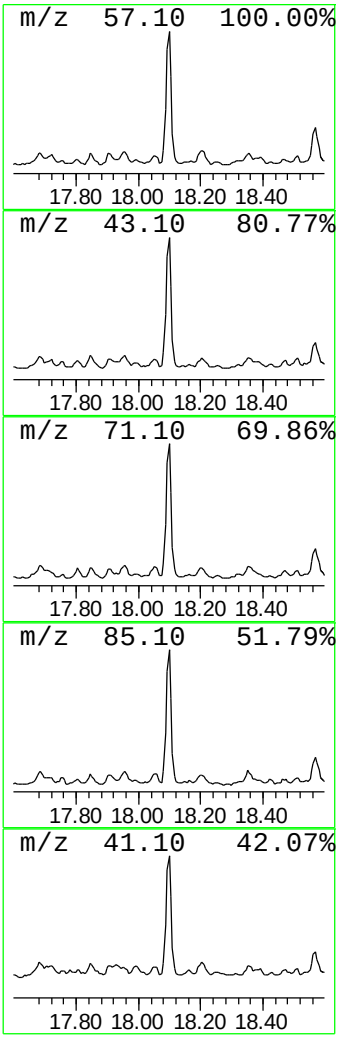
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	17.80 ng/ul	2577840	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Heptadecane	240	C17H36	000629-78-7	95
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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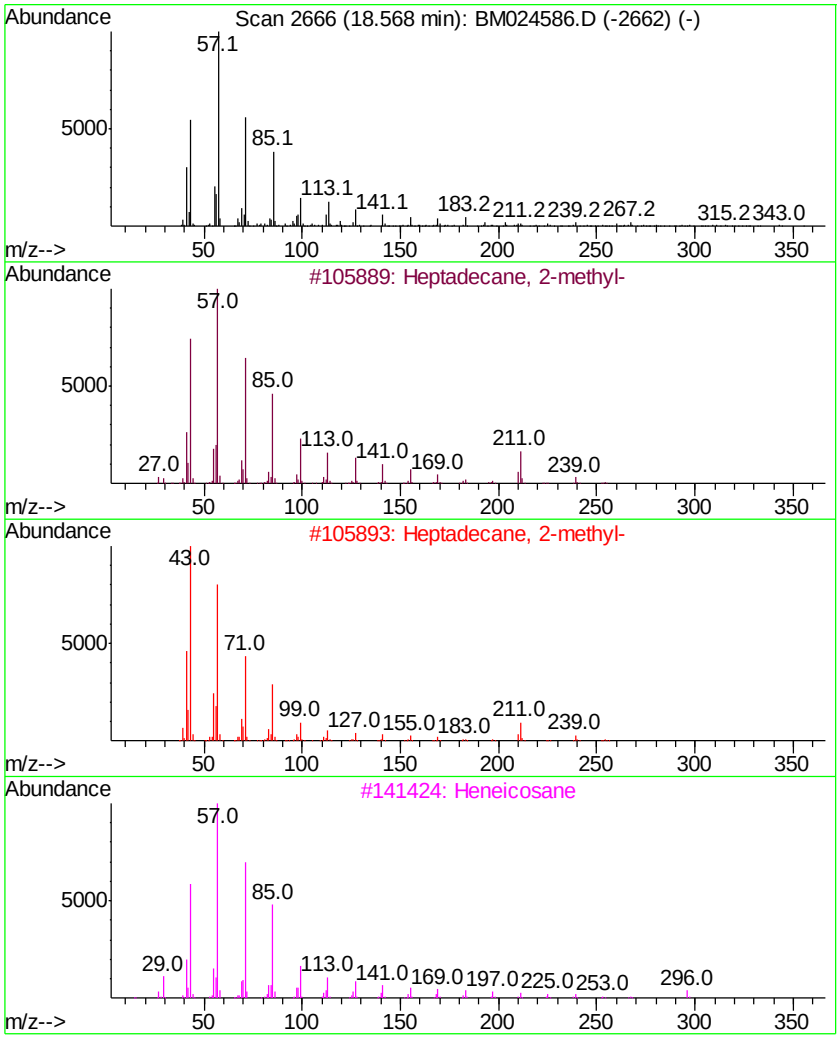
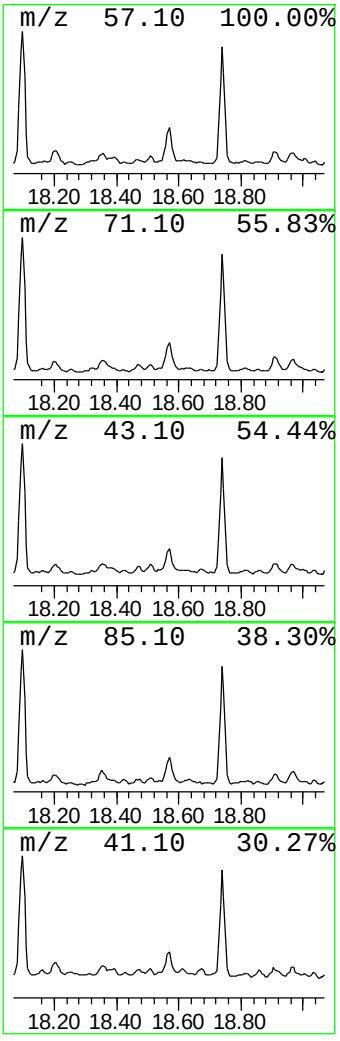
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.43 ng/ul	642164	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	95
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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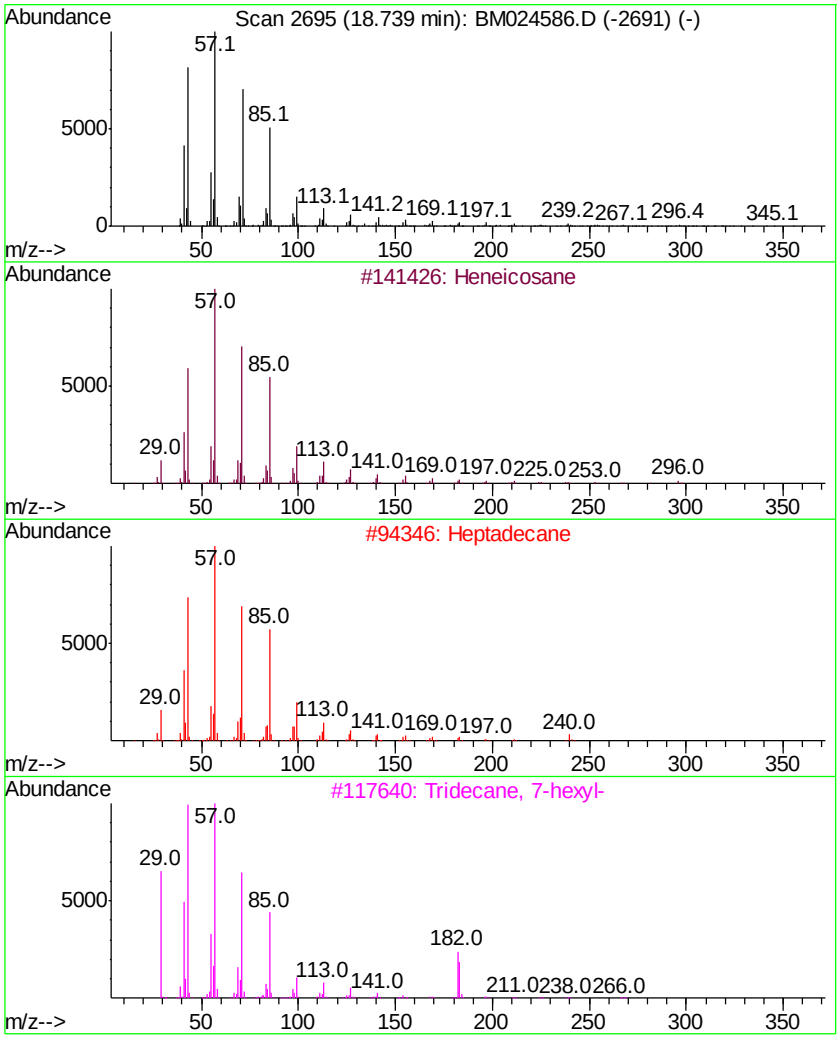
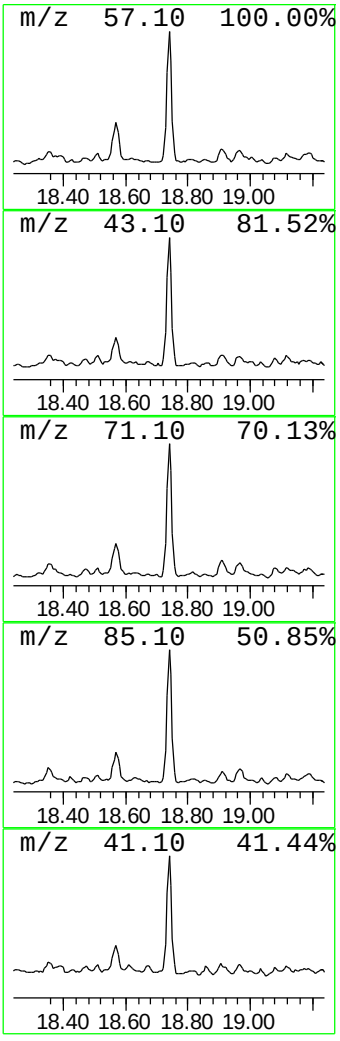
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	16.00 ng/ul	2318210	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	97
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
5	Heptadecane	240	C17H36	000629-78-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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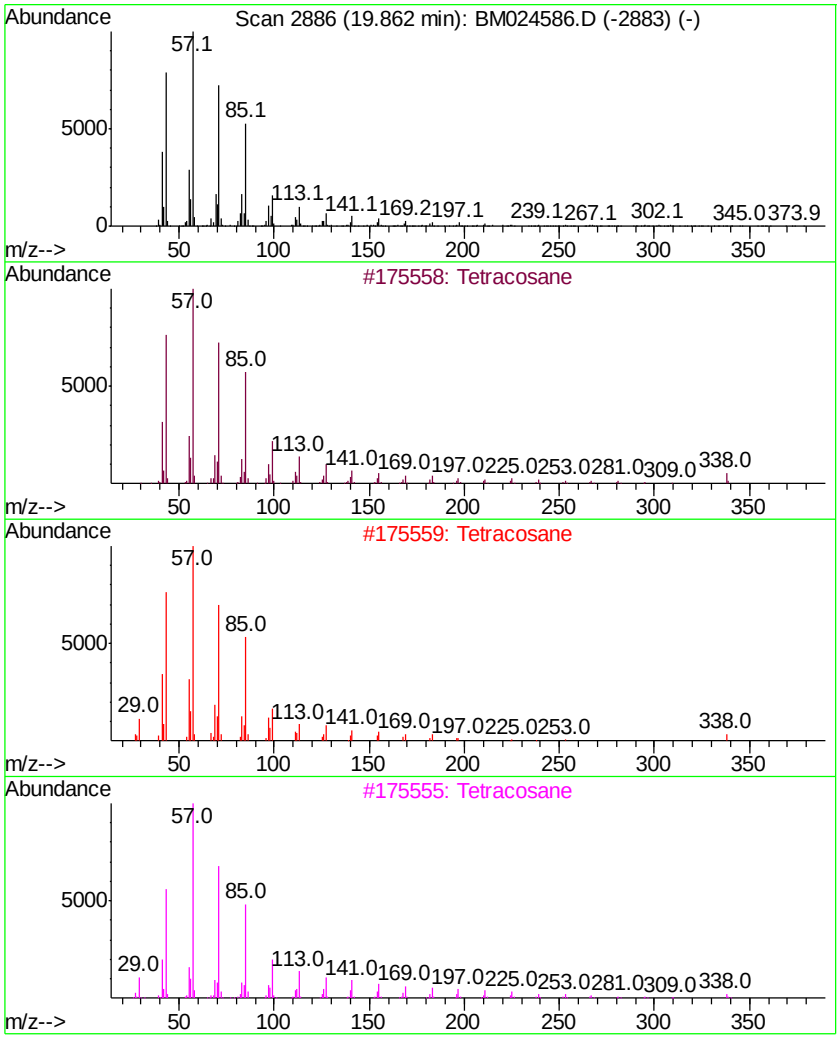
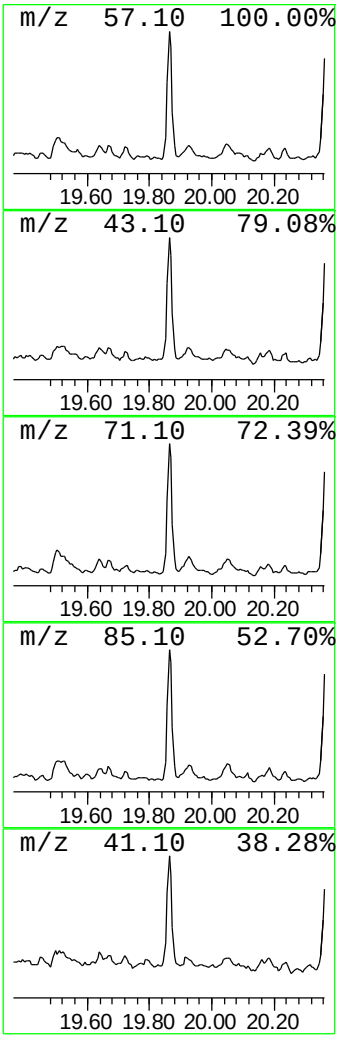
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	6.95 ng/ul	1646600	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	98
3	Tetracosane	338	C24H50	000646-31-1	95
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Tetracosane	338	C24H50	000646-31-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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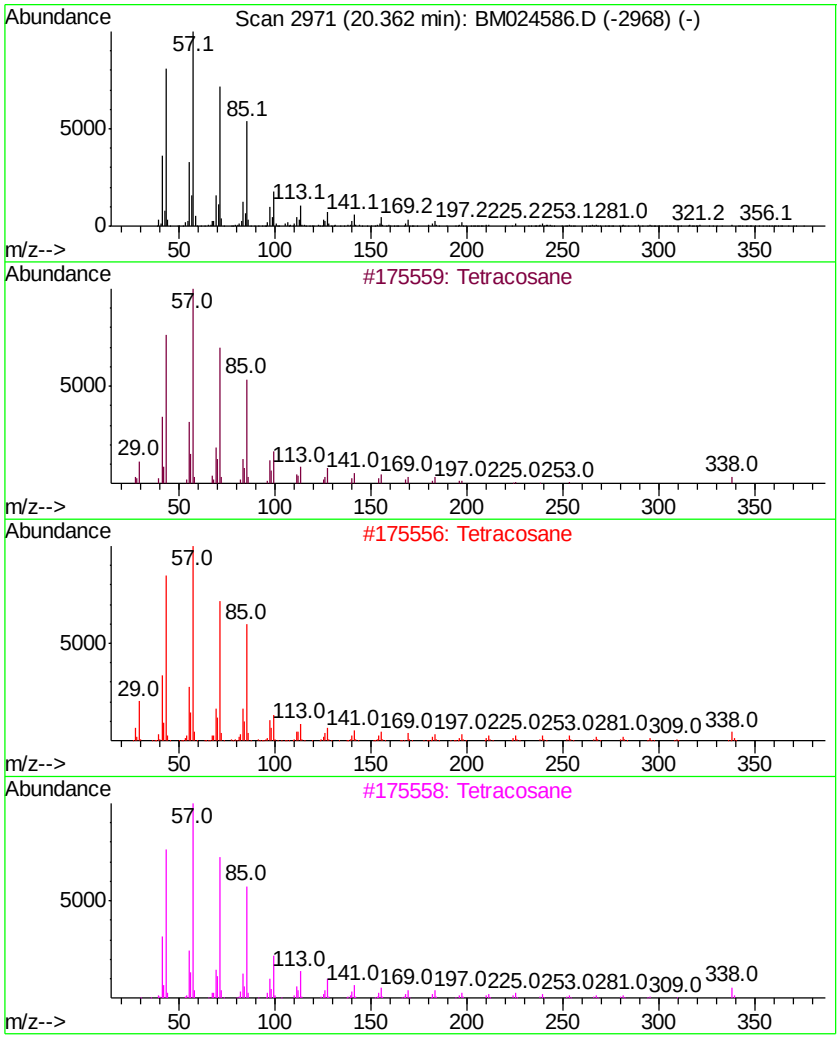
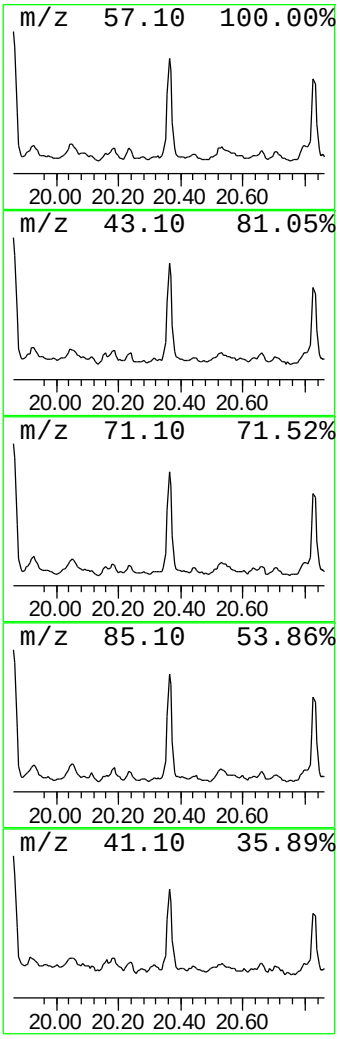
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	5.69 ng/ul	1347410	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	98
3	Tetracosane	338	C24H50	000646-31-1	98
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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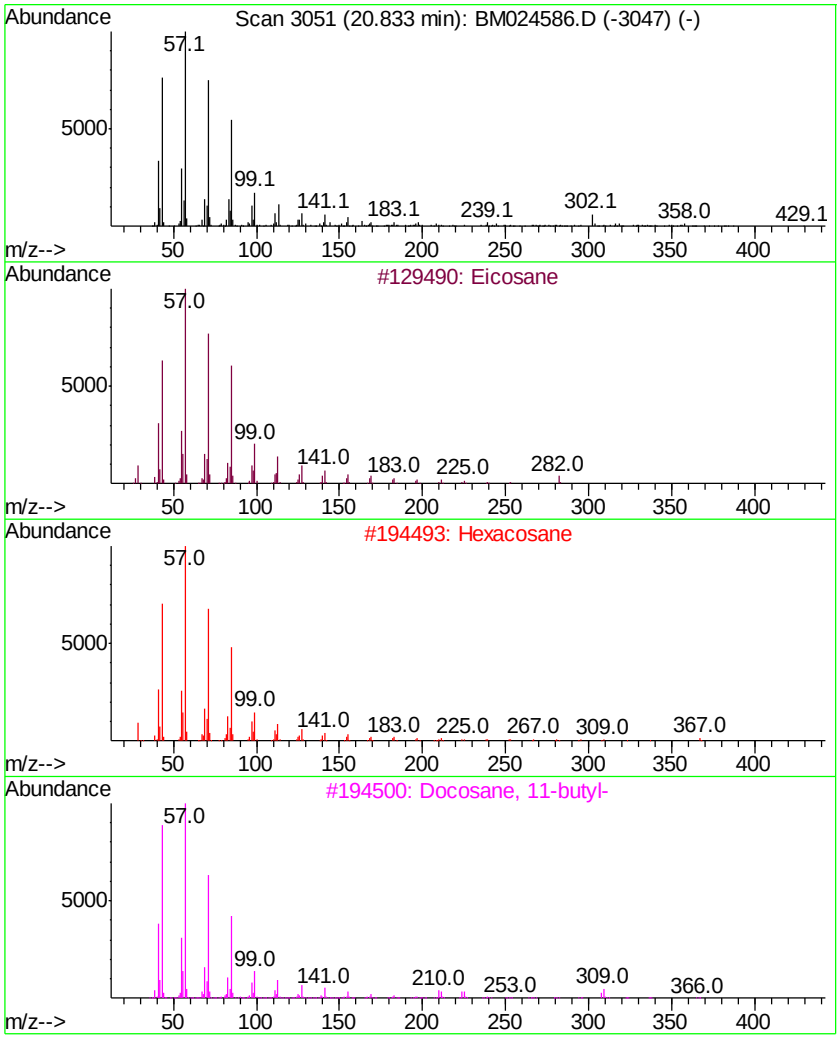
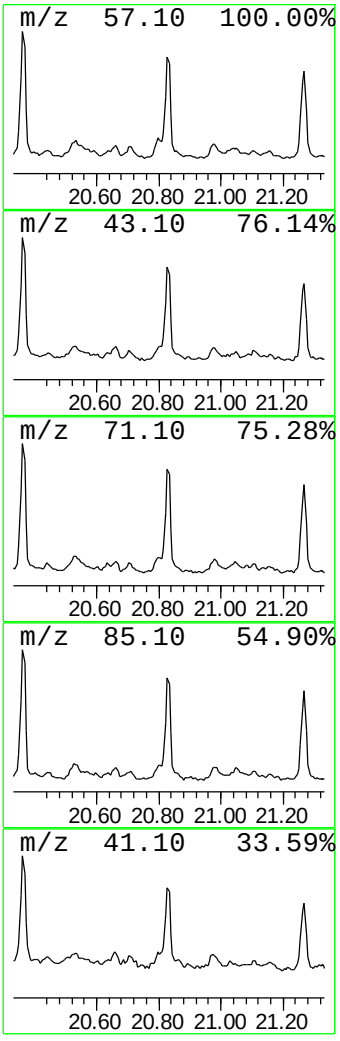
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	7.52 ng/ul	1780650	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

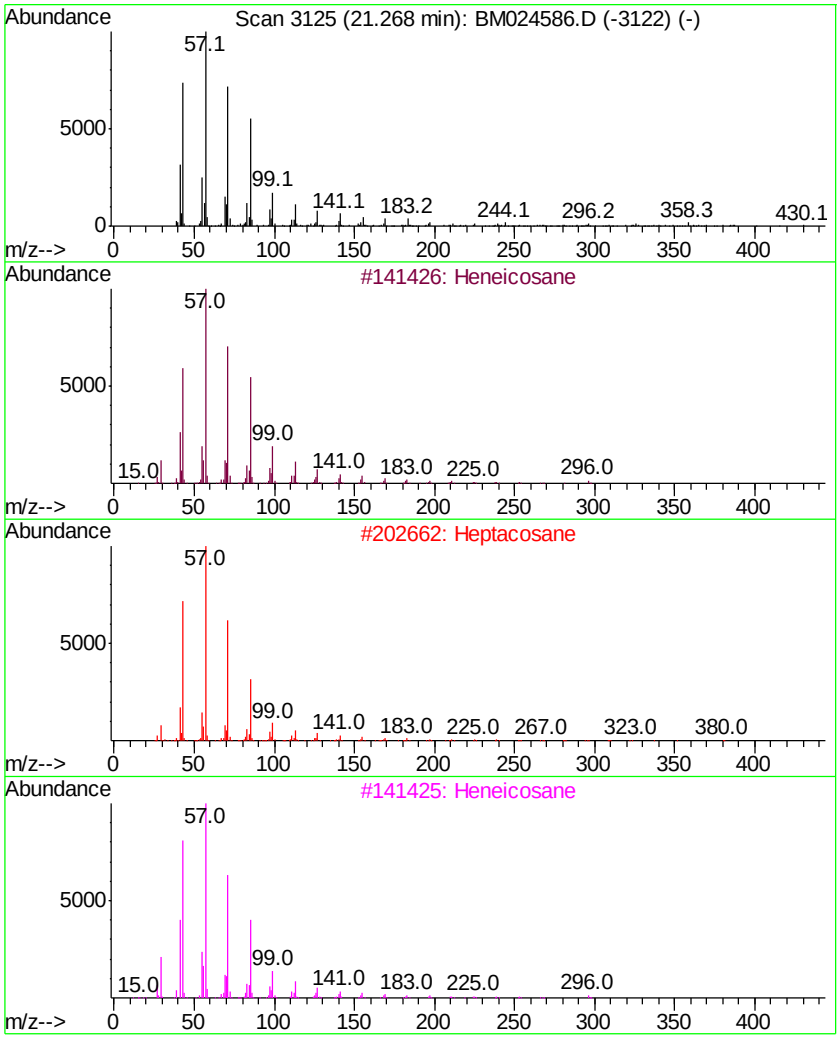
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

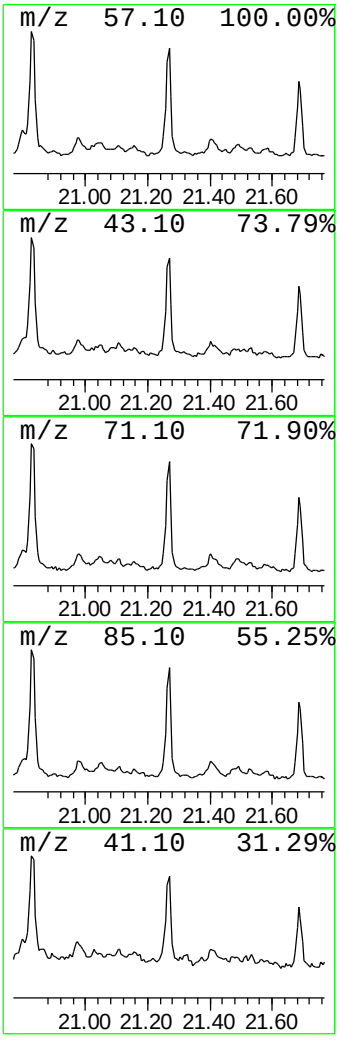
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.17 ng/ul	750473	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptacosane	380	C27H56	000593-49-7	95
3	Heneicosane	296	C21H44	000629-94-7	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5	Eicosane	282	C20H42	000112-95-8	93





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Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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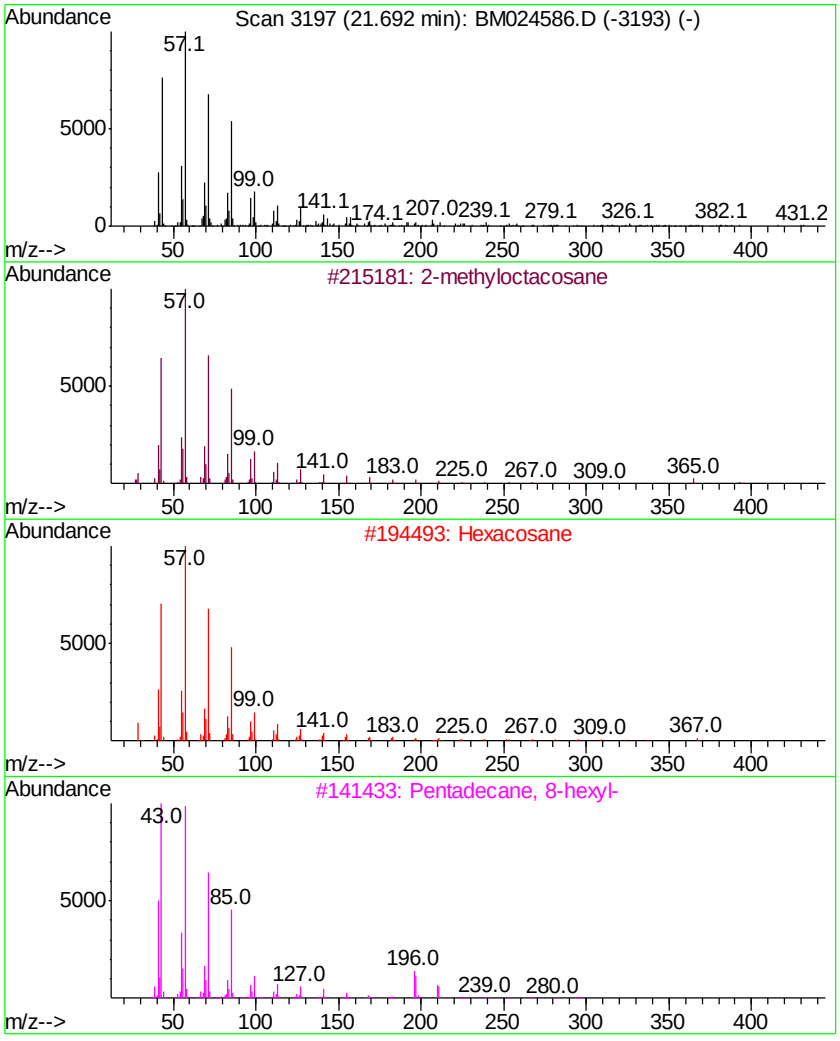
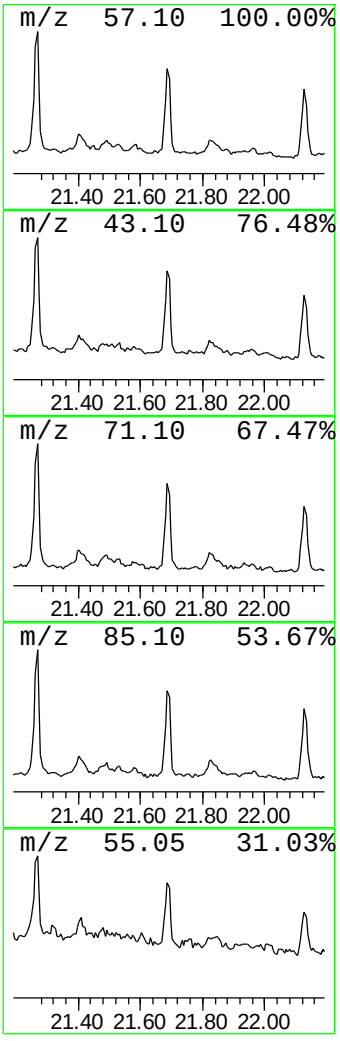
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.60 ng/ul	615736	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	Tricosane	324	C23H48	000638-67-5	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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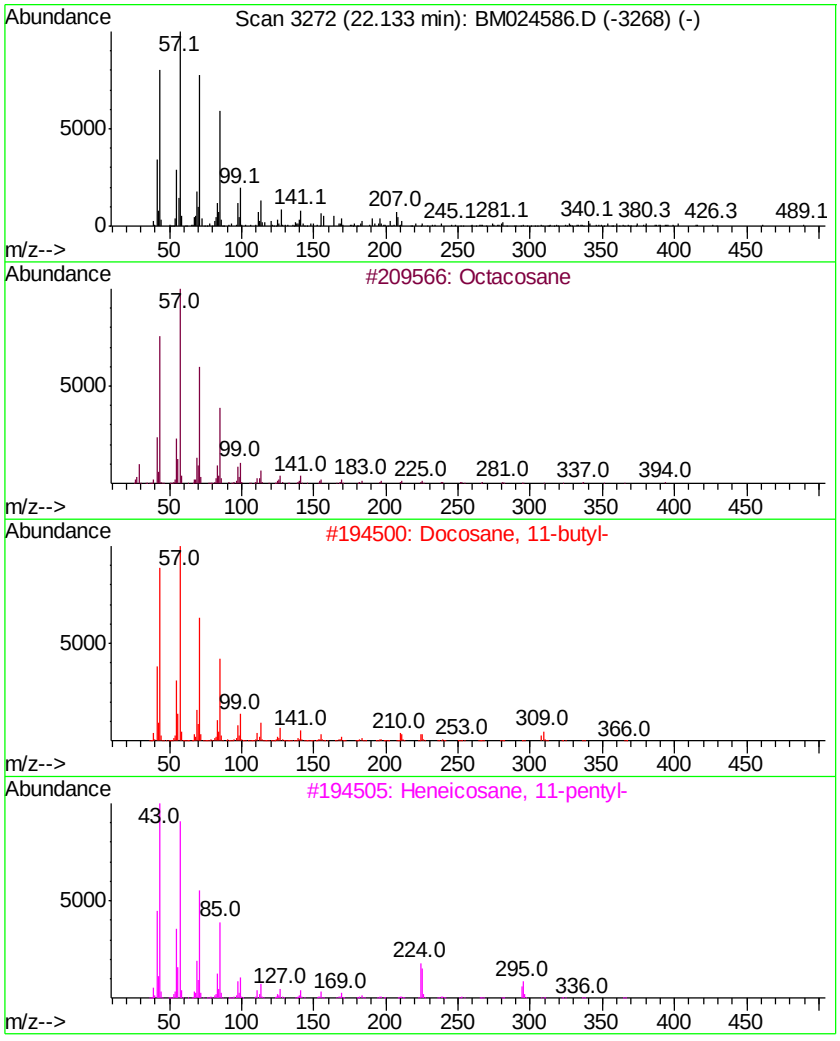
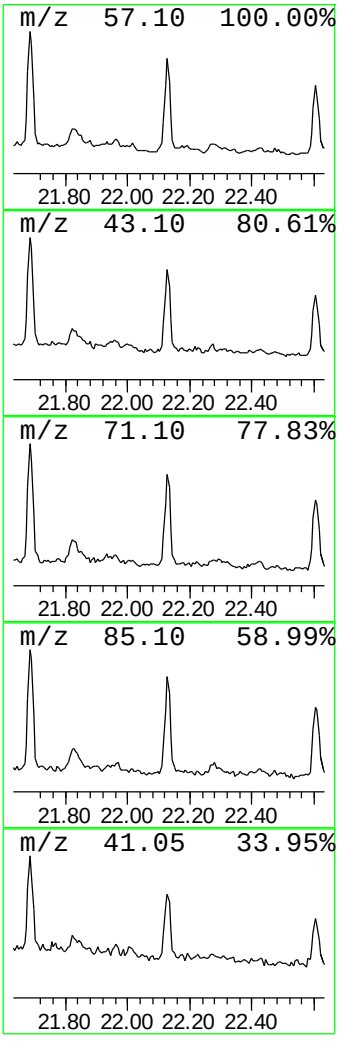
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.20 ng/ul	444253	Perylene-d12	23.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Tricosane	324	C23H48	000638-67-5	91
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASK2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.15	5.5	ng/ul	332638	1	7.45	1204560	20.0
Benzene, 1-ethyl-...	7.12	9.8	ng/ul	589656	1	7.45	1204560	20.0
Indene	7.98	12.0	ng/ul	720647	1	7.45	1204560	20.0
(DEL) Alkane: Str...	8.70	3.7	ng/ul	221609	1	7.45	1204560	20.0
Benzene, 1-butynyl-	9.65	4.1	ng/ul	408764	2	10.21	2006870	20.0
(DEL) Alkane: Str...	11.69	2.6	ng/ul	257205	2	10.21	2006870	20.0
Naphthalene, 1-me...	12.11	8.9	ng/ul	896815	2	10.21	2006870	20.0
Naphthalene, 1,5-...	13.26	2.2	ng/ul	316367	3	14.10	2866980	20.0
Naphthalene, 2,6-...	13.42	2.9	ng/ul	408896	3	14.10	2866980	20.0
Naphthalene, 2-et...	13.55	2.8	ng/ul	394230	3	14.10	2866980	20.0
(DEL) Alkane: Str...	13.63	6.3	ng/ul	909005	3	14.10	2866980	20.0
(DEL) Alkane: Str...	14.56	2.9	ng/ul	420304	3	14.10	2866980	20.0
2-Bromotetradecane	14.67	3.4	ng/ul	486503	3	14.10	2866980	20.0
(DEL) Alkane: Str...	14.91	2.4	ng/ul	342909	3	14.10	2866980	20.0
(DEL) Alkane: Str...	15.01	10.6	ng/ul	1515010	3	14.10	2866980	20.0
(DEL) Alkane: Str...	15.42	18.4	ng/ul	2643710	3	14.10	2866980	20.0
(DEL) Alkane: Cyc...	15.57	3.1	ng/ul	450333	4	16.85	2896910	20.0
(DEL) Alkane: Str...	15.87	19.6	ng/ul	2831400	4	16.85	2896910	20.0
(DEL) Alkane: Str...	15.90	24.3	ng/ul	3515880	4	16.85	2896910	20.0
(DEL) Alkane: Str...	16.22	5.8	ng/ul	842787	4	16.85	2896910	20.0
(DEL) Alkane: Str...	16.28	4.3	ng/ul	615651	4	16.85	2896910	20.0
(DEL) Alkane: Str...	16.67	20.7	ng/ul	2994180	4	16.85	2896910	20.0
(DEL) Alkane: Str...	16.72	20.0	ng/ul	2895580	4	16.85	2896910	20.0
2-Piperidinone, N...	17.13	2.6	ng/ul	373277	4	16.85	2896910	20.0
Oxalic acid, ally...	17.20	2.5	ng/ul	357980	4	16.85	2896910	20.0
(DEL) Alkane: Str...	17.33	6.2	ng/ul	901528	4	16.85	2896910	20.0
(DEL) Alkane: Str...	17.40	20.2	ng/ul	2927810	4	16.85	2896910	20.0
1H-Indene, 2-phenyl-	17.85	3.5	ng/ul	509482	4	16.85	2896910	20.0
4H-Cyclopenta[def...	17.92	4.6	ng/ul	666991	4	16.85	2896910	20.0
(DEL) Alkane: Str...	18.10	17.8	ng/ul	2577840	4	16.85	2896910	20.0
(DEL) Alkane: Str...	18.57	4.4	ng/ul	642164	4	16.85	2896910	20.0
(DEL) Alkane: Str...	18.74	16.0	ng/ul	2318210	4	16.85	2896910	20.0
(DEL) Alkane: Str...	19.86	7.0	ng/ul	1646600	5	21.06	4738840	20.0
(DEL) Alkane: Str...	20.36	5.7	ng/ul	1347410	5	21.06	4738840	20.0
(DEL) Alkane: Str...	20.83	7.5	ng/ul	1780650	5	21.06	4738840	20.0
(DEL) Alkane: Str...	21.27	3.2	ng/ul	750473	5	21.06	4738840	20.0
(DEL) Alkane: Str...	21.69	2.6	ng/ul	615736	5	21.06	4738840	20.0
(DEL) Alkane: Str...	22.13	3.2	ng/ul	444253	6	23.18	2778070	20.0