LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

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-BM061220MA.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	2.975	12	15	21	rVB	30416	42190	1.57%	0.103%
2	3.505	102	105	112	rVB4	15082	21959	0.82%	0.054%
3	3.669	130	133	139	rVB2	9136	13029	0.49%	0.032%
4	5.422	428	431	435	rBV4	4365	7166	0.27%	0.017%
5	5.557	452	454	458	rVB4	3137	3730	0.14%	0.009%
6	6.104	542	547	550	rBV6	1758	3023	0.11%	0.007%
7	6.598	624	631	643	rBV	551759	897999	33.52%	2.192%
8	6.751	651	657	668	rBV	414059	652860	24.37%	1.593%
9	6.934	681	688	700	rBV	565106	875443	32.67%	2.136%
10	7.069	708	711	716	rBV6	3457	6447	0.24%	0.016%
11	7.393	759	766	774	rBV	508399	775210	28.93%	1.892%
12	7.481	777	781	787	rVB3	6296	11709	0.44%	0.029%
13	8.116	882	889	906	rBV	691603	1116401	41.67%	2.725%
14	8.451	942	946	950	rVB5	1838	2843	0.11%	0.007%
15	8.540	954	961	974	rBV	573494	911100	34.00%	2.224%
16	8.722	988	992	998	rBV6	3452	5652	0.21%	0.014%
17	8.881	1013	1019	1027	rVB2	14726	27319	1.02%	0.067%
18	8.998	1035	1039	1043	rVB3	8759	11365	0.42%	0.028%
19	9.251	1076	1082	1097	rBV	478833	791351	29.54%	1.931%
20	9.557	1128	1134	1144	rBV5	15004	49718	1.86%	0.121%
21	9.792	1167	1174	1182	rBV	662584	1114762	41.61%	2.721%
22	10.151	1228	1235	1247	rVB	765031	1231468	45.96%	3.005%
23	10.304	1254	1261	1277	rBV	493239	919148	34.31%	2.243%
24	10.722	1327	1332	1341	rBV2	6007	16802	0.63%	0.041%
25	11.704	1494	1499	1504	rBV6	3219	6179	0.23%	0.015%
26	11.757	1504	1508	1515	rVB	9350	15148	0.57%	0.037%
27	11.951	1536	1541	1542	rBV4	2556	3586	0.13%	0.009%
28	11.969	1542	1544	1549	rVV3	2873	3335	0.12%	0.008%
29	12.351	1604	1609	1614	rBV4	14424	27015	1.01%	0.066%
30	12.663	1657	1662	1666	rVB6	3241	5311	0.20%	0.013%
31	12.810	1684	1687	1690	rBV5	2765	4009	0.15%	0.010%
32	12.969	1708	1714	1720	rBV	19814	33309	1.24%	0.081%
33	13.057	1725	1729	1736	rVV4	5908	10764	0.40%	0.026%
34	13.280	1764	1767	1771	rBV6	2731	3659	0.14%	0.009%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

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-BM061220MA.M
Title : SVOA CALIBRATION

35	13.474	1794	1800	1805	rBV	1211120	1675641	62.54%	4.089%
36	13.522	1805	1808	1820	rVB	375061	503649	18.80%	1.229%
37	13.739	1838	1845	1857	rBV	1302550	1903272	71.04%	4.645%
38	13.933	1873	1878	1882	rBV5	7889	16073	0.60%	0.039%
39	14.051	1891	1898	1907	rBV2	1217732	1730931	64.60%	4.224%
40	14.139	1911	1913	1919	rVB6	3533	4890	0.18%	0.012%
41	14.292	1931	1939	1959	rBV	417487	784361	29.27%	1.914%
42	14.527	1973	1979	1987	rBV	188901	264435	9.87%	0.645%
43	14.639	1987	1998	2001	rBV3	59320	149799	5.59%	0.366%
44	14.833	2028	2031	2037	rVB2	25318	35421	1.32%	0.086%
45	15.057	2063	2069	2071	rBV	1539242	2241390	83.66%	5.470%
46	15.080	2071	2073	2080	rVB	893660	1084231	40.47%	2.646%
47	15.198	2087	2093	2096	rBV	626172	886466	33.09%	2.163%
48	15.298	2106	2110	2113	rVB2	17066	22497	0.84%	0.055%
49	15.433	2130	2133	2140	rVB6	9625	16030	0.60%	0.039%
50	15.527	2145	2149	2151	rVV	15418	22243	0.83%	0.054%
51	15.557	2151	2154	2157	rVV2	19944	29216	1.09%	0.071%
52	15.592	2157	2160	2166	rVB	43541	53931	2.01%	0.132%
53	15.763	2187	2189	2194	rVB6	8928	11396	0.43%	0.028%
54	15.827	2196	2200	2205	rBV	55310	79121	2.95%	0.193%
55	15.921	2210	2216	2219	rBV	134236	182060	6.79%	0.444%
56	15.951	2219	2221	2222	rBV	4004	2811	0.10%	0.007%
57	15.980	2222	2226	2231	rVB2	180344	293326	10.95%	0.716%
58	16.039	2231	2236	2240	rBV3	134430	195431	7.29%	0.477%
59	16.080	2240	2243	2247	rVB	80143	99950	3.73%	0.244%
60	16.139	2247	2253	2254	rBV2	40564	54749	2.04%	0.134%
61	16.186	2259	2261	2264	rVB	23690	23507	0.88%	0.057%
62	16.233	2264	2269	2277	rBV5	84515	179000	6.68%	0.437%
63	16.304	2277	2281	2285	rVV	110910	159818	5.96%	0.390%
64	16.345	2285	2288	2291	rVV2	42606	70546	2.63%	0.172%
65	16.380	2291	2294	2299	rVB	64786	78889	2.94%	0.193%
66	16.480	2308	2311	2316	rVB7	7887	10568	0.39%	0.026%
67	16.557	2318	2324	2328	rBV	78489	126476	4.72%	0.309%
68	16.633	2335	2337	2342	rVB4	6905	8394	0.31%	0.020%
69	16.810	2361	2367	2373	rBV	1536115	2116265	78.99%	5.165%
70	16.904	2377	2383	2391	rBV	1665693	2314968	86.40%	5.650%
71	17.068	2407	2411	2416	rBV3	36996	51222	1.91%	0.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

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-BM061220MA.M
Title : SVOA CALIBRATION

72	17.198	2428	2433	2437	rBV4	31257	47807	1.78%	0.117%
73	17.745	2522	2526	2533	rBV3	92743	145817	5.44%	0.356%
74	19.039	2743	2746	2753	rVB5	19206	23964	0.89%	0.058%
75	19.098	2753	2756	2765	rVB3	23024	47545	1.77%	0.116%
76	19.215	2769	2776	2782	rBV	2069078	2679324	100.00%	6.539%
77	19.286	2783	2788	2804	rVB	292116	449758	16.79%	1.098%
78	19.774	2869	2871	2874	rBV4	10967	13100	0.49%	0.032%
79	19.809	2875	2877	2880	rVB4	14556	15040	0.56%	0.037%
80	20.180	2938	2940	2946	rVB4	22436	26260	0.98%	0.064%
81	20.615	3012	3014	3018	rVB3	28616	25941	0.97%	0.063%
82	20.768	3036	3040	3048	rBV	370785	505479	18.87%	1.234%
83	21.021	3078	3083	3091	rBV	2136060	2579883	96.29%	6.296%
84	21.215	3112	3116	3119	rBV	85444	95398	3.56%	0.233%
85	21.450	3153	3156	3158	rBV2	61324	65860	2.46%	0.161%
86	21.474	3158	3160	3164	rVB	123629	122323	4.57%	0.299%
87	21.627	3183	3186	3192	rBV	133911	181243	6.76%	0.442%
88	22.062	3256	3260	3264	rVB	197374	236650	8.83%	0.578%
89	22.315	3300	3303	3305	rBV	104738	120258	4.49%	0.293%
90	22.345	3305	3308	3314	rVB	221557	275635	10.29%	0.673%
91	22.527	3335	3339	3344	rBV	237075	313309	11.69%	0.765%
92	22.980	3410	3416	3422	rBV	1504848	2496397	93.17%	6.092%
93	23.044	3423	3427	3432	rVV	249556	379546	14.17%	0.926%
94	23.115	3432	3439	3448	rVB	1523973	2662714	99.38%	6.498%
95	23.633	3523	3527	3533	rVB	219435	362483	13.53%	0.885%

Sum of corrected areas: 40975716

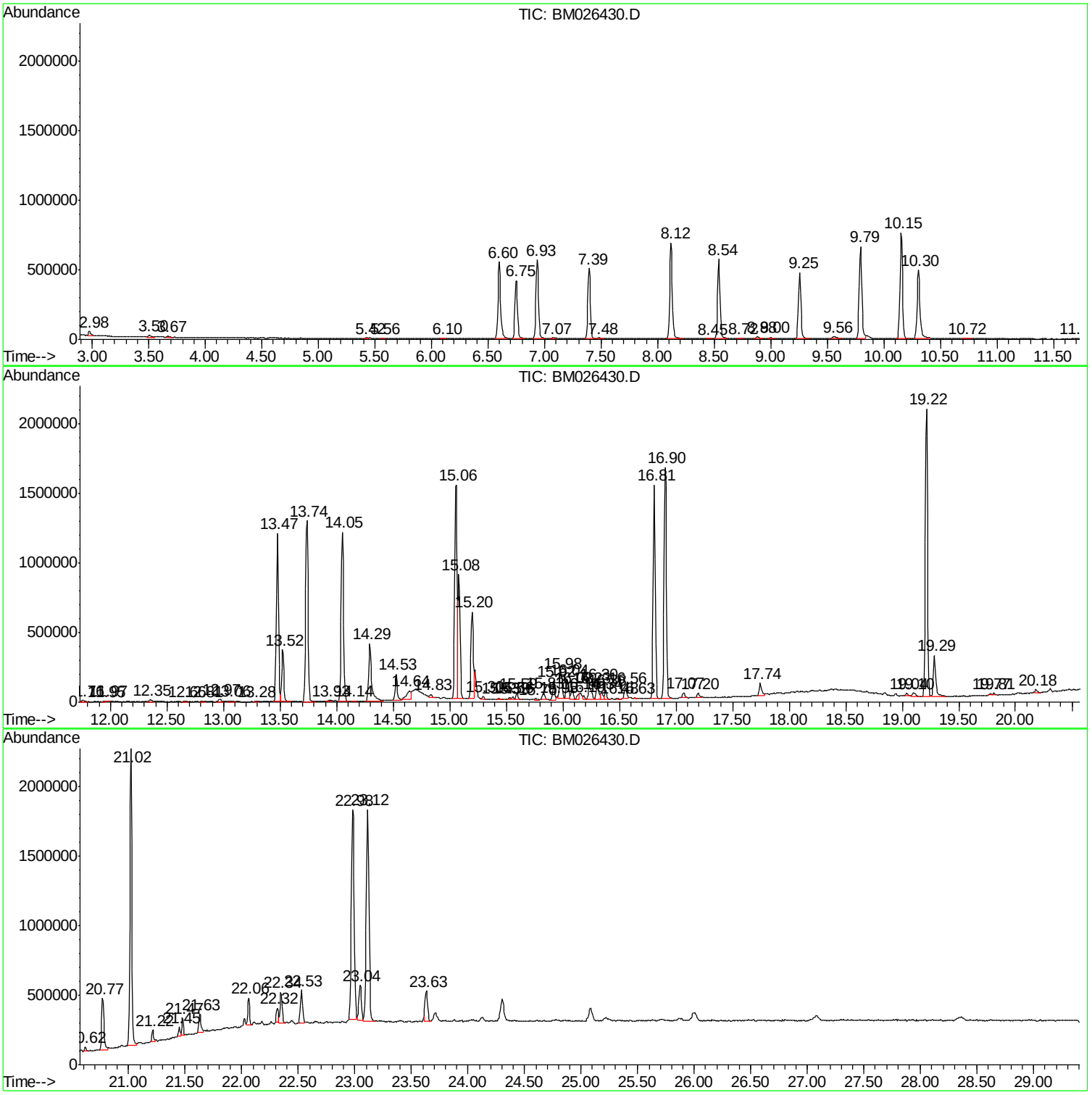
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

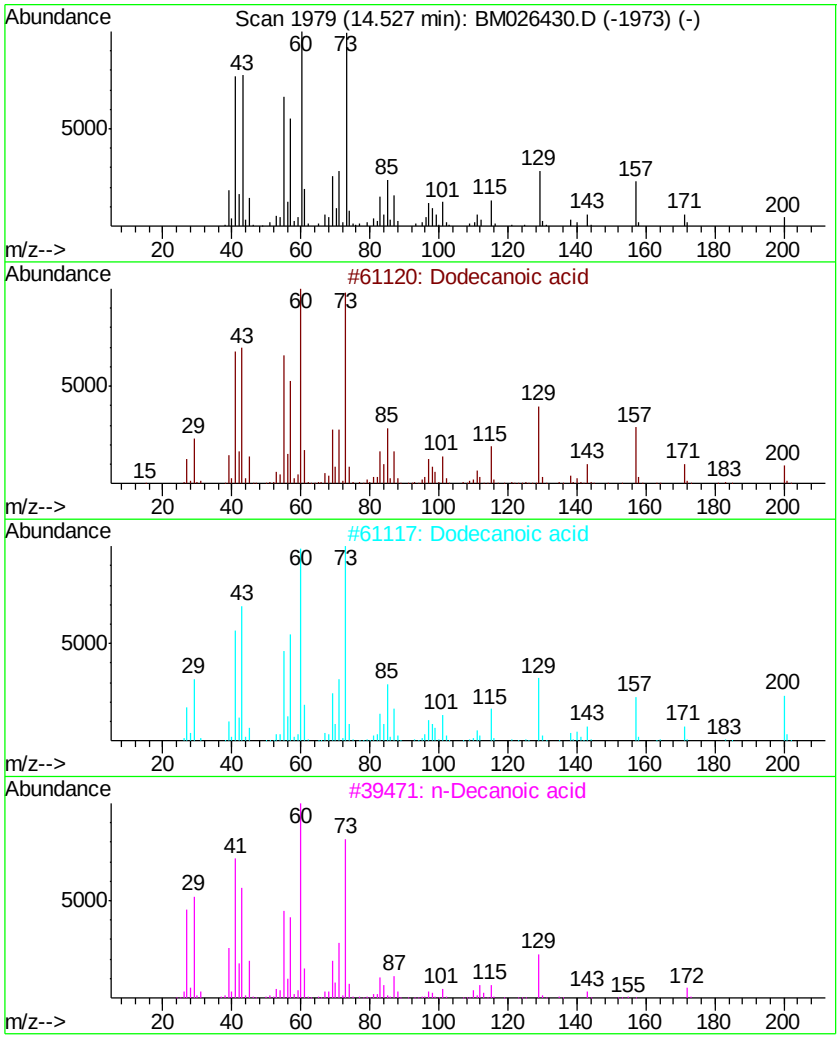
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

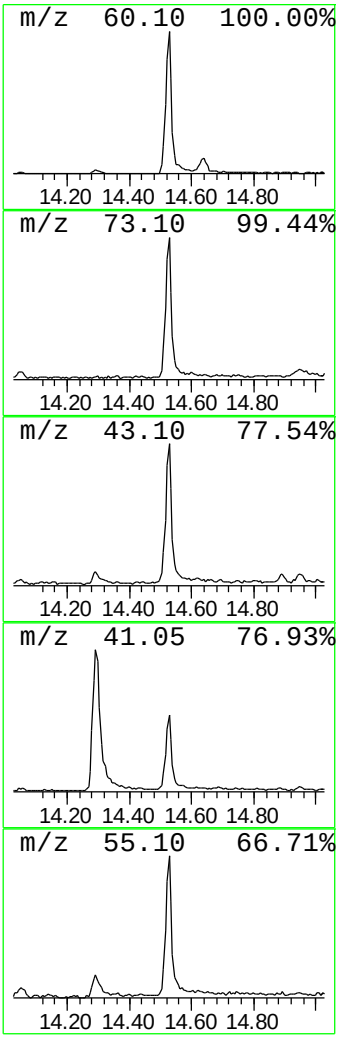
****

Peak Number 1 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.06 ng/ul	264435	Acenaphthene-d10	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Octanoic acid	144	C8H16O2	000124-07-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

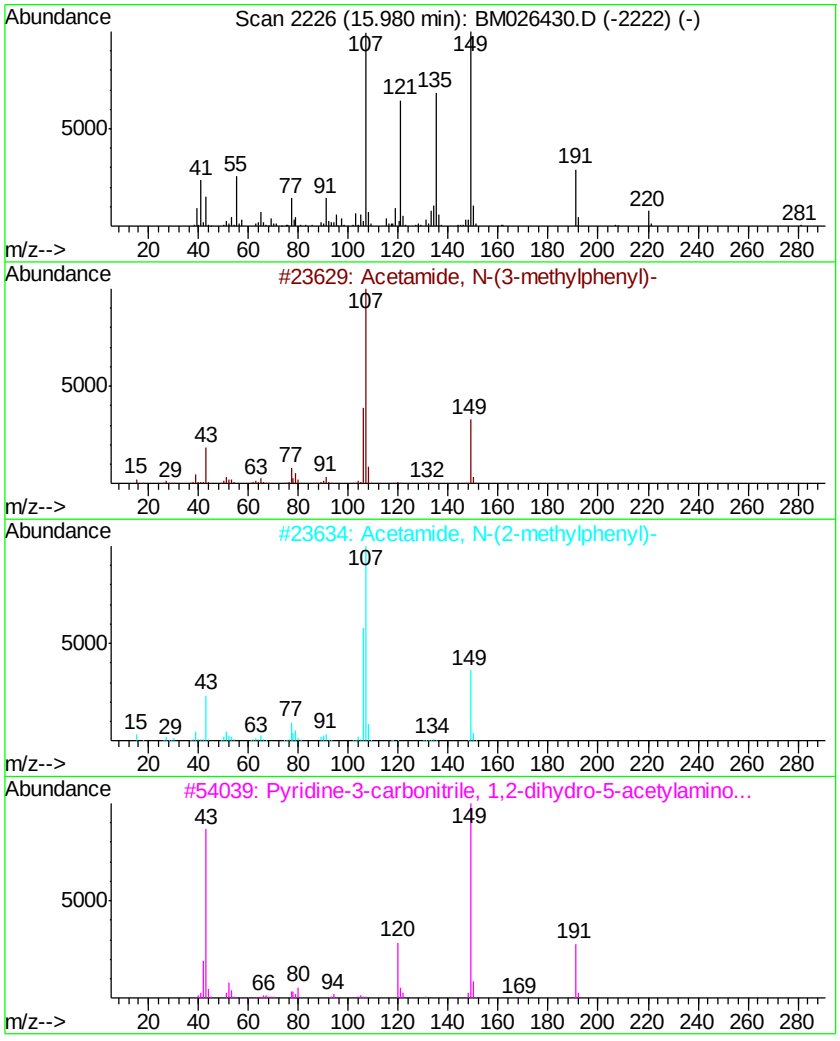
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

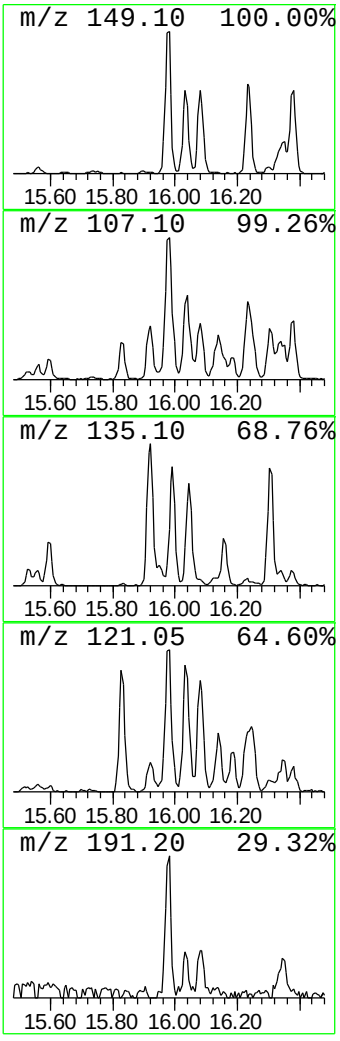
****

Peak Number 2 Acetamide, N-(3-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.77 ng/ul	293326	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	52
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

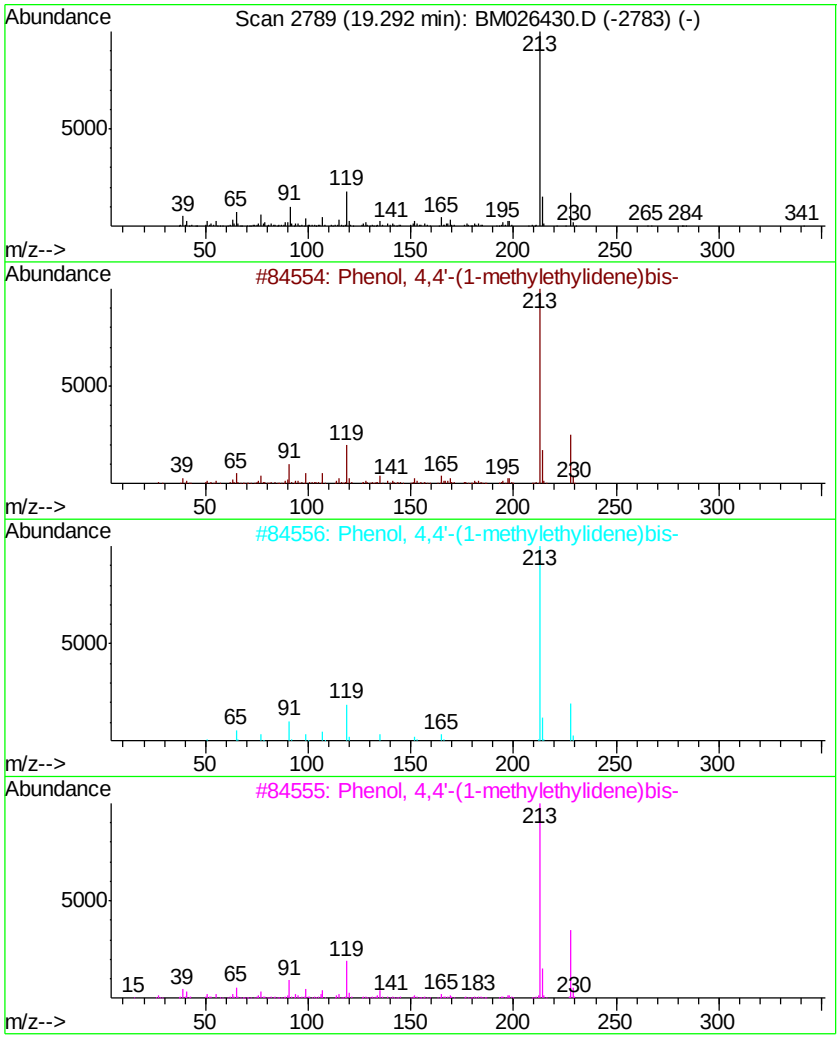
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

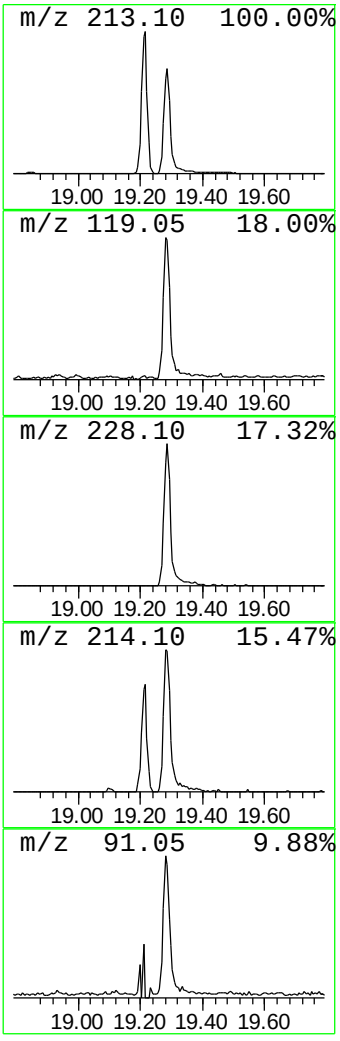
****

Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.49 ng/ul	449758	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52
5	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

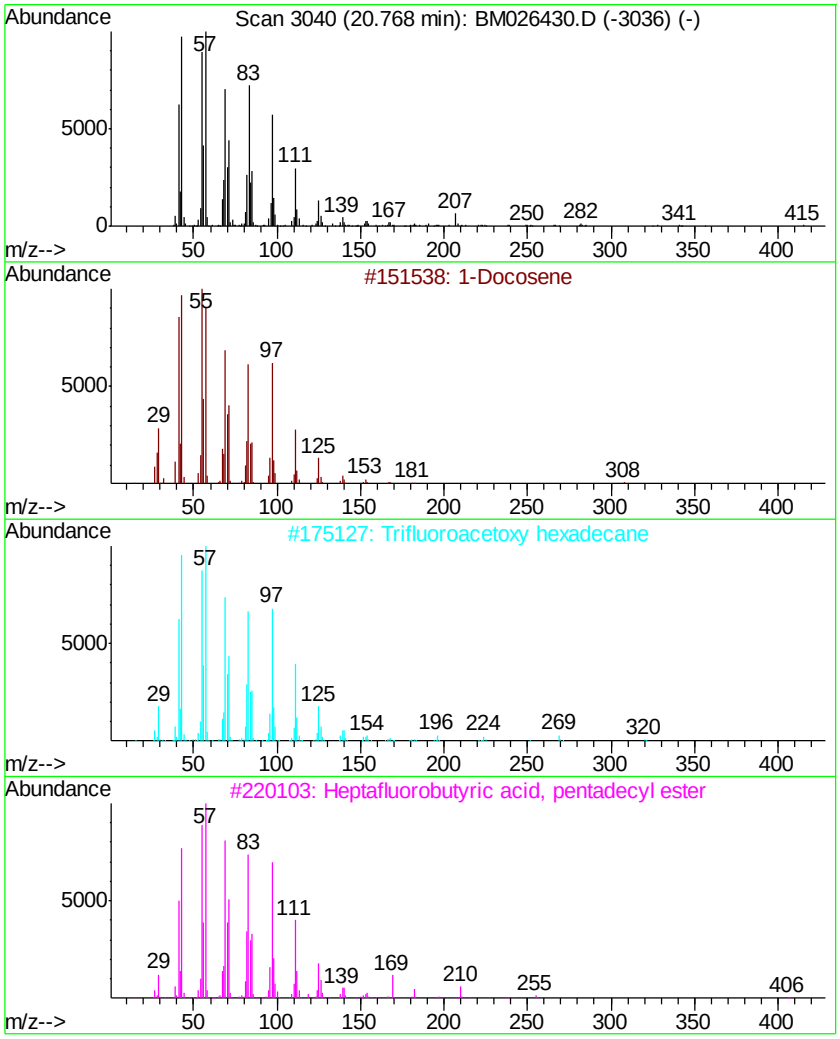
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

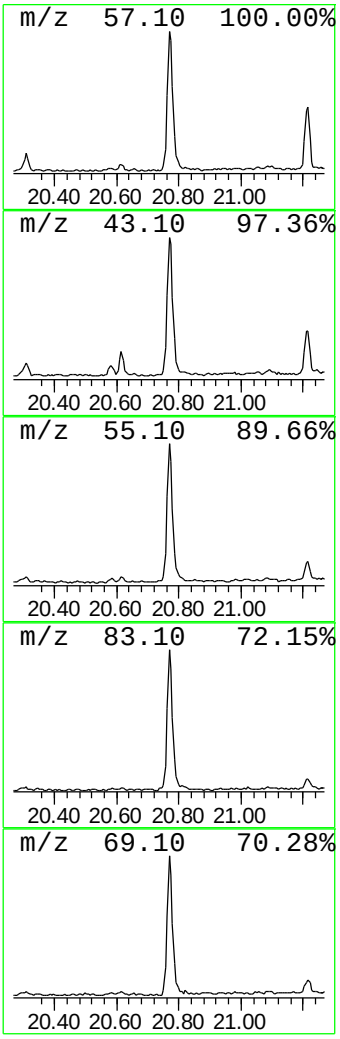
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.92 ng/ul	505479	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

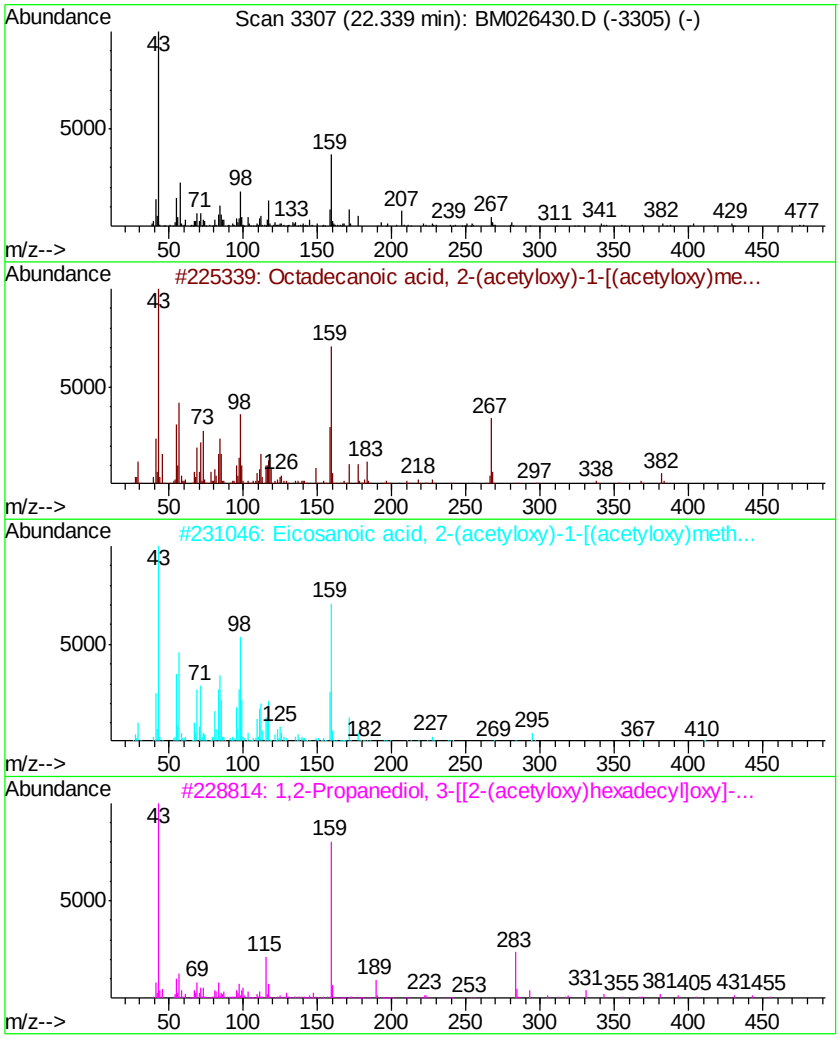
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

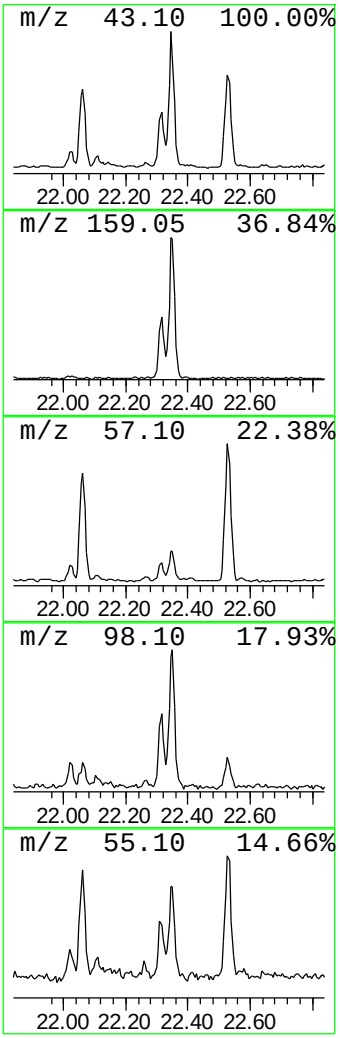
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.07 ng/ul	275635	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	38
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27
3	1,2-Propanediol, 3-[[2-(acetylox...	458	C25H46O7	056599-36-1	17
4	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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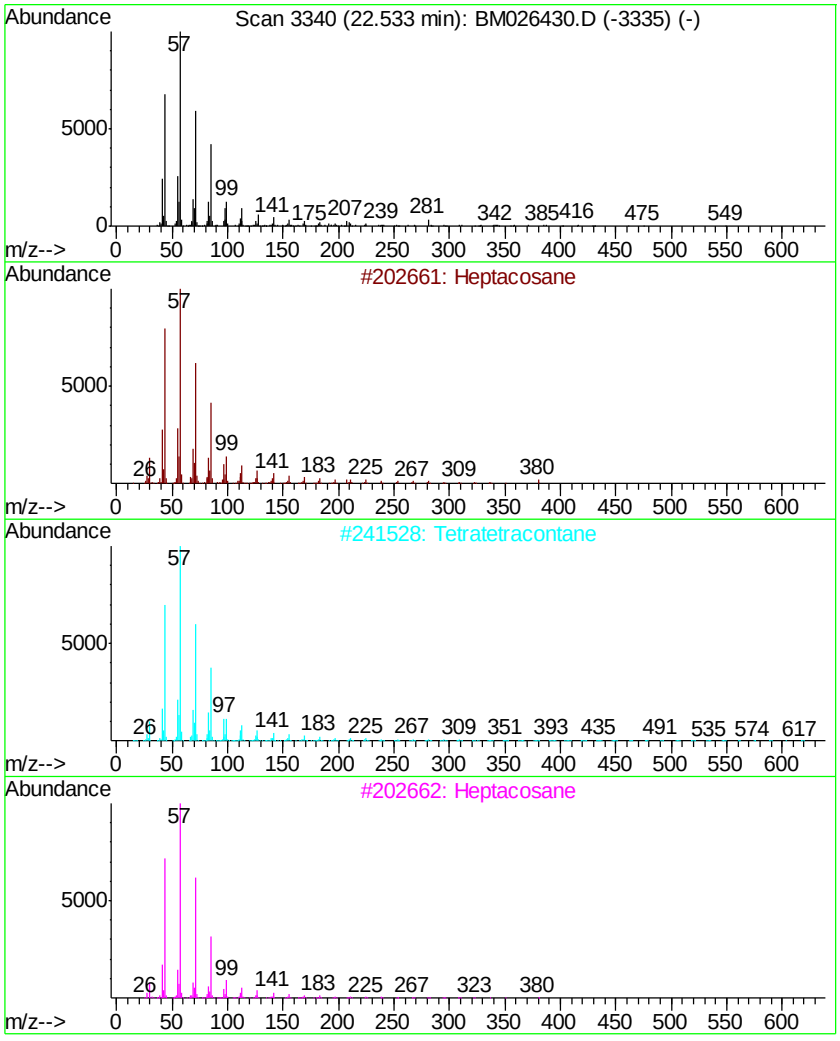
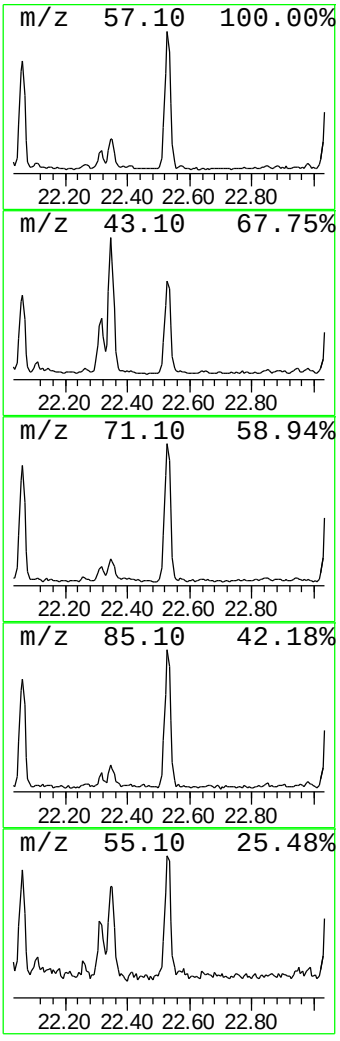
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.35 ng/ul	313309	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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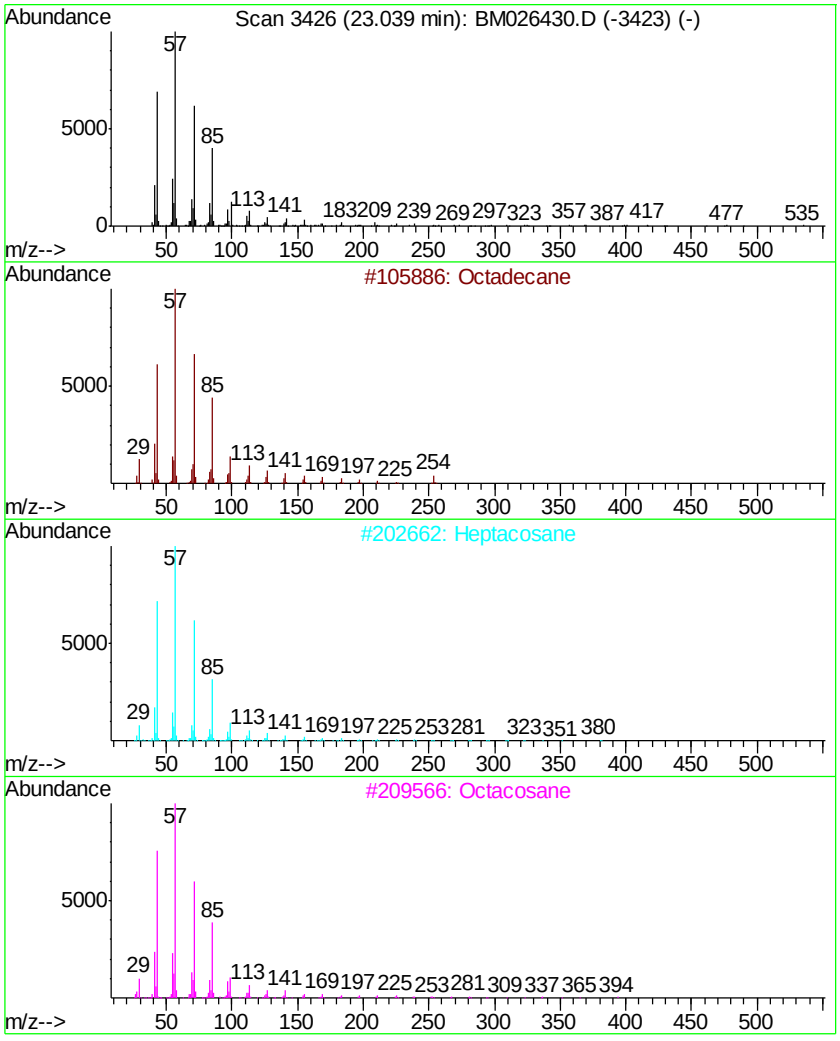
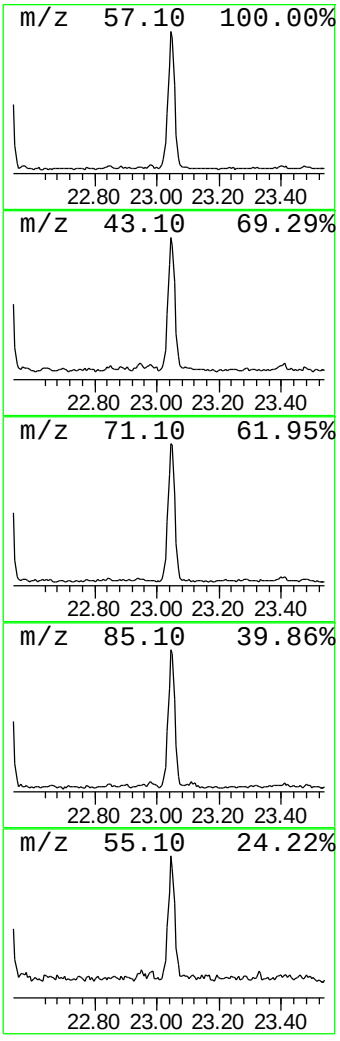
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	2.85 ng/ul	379546	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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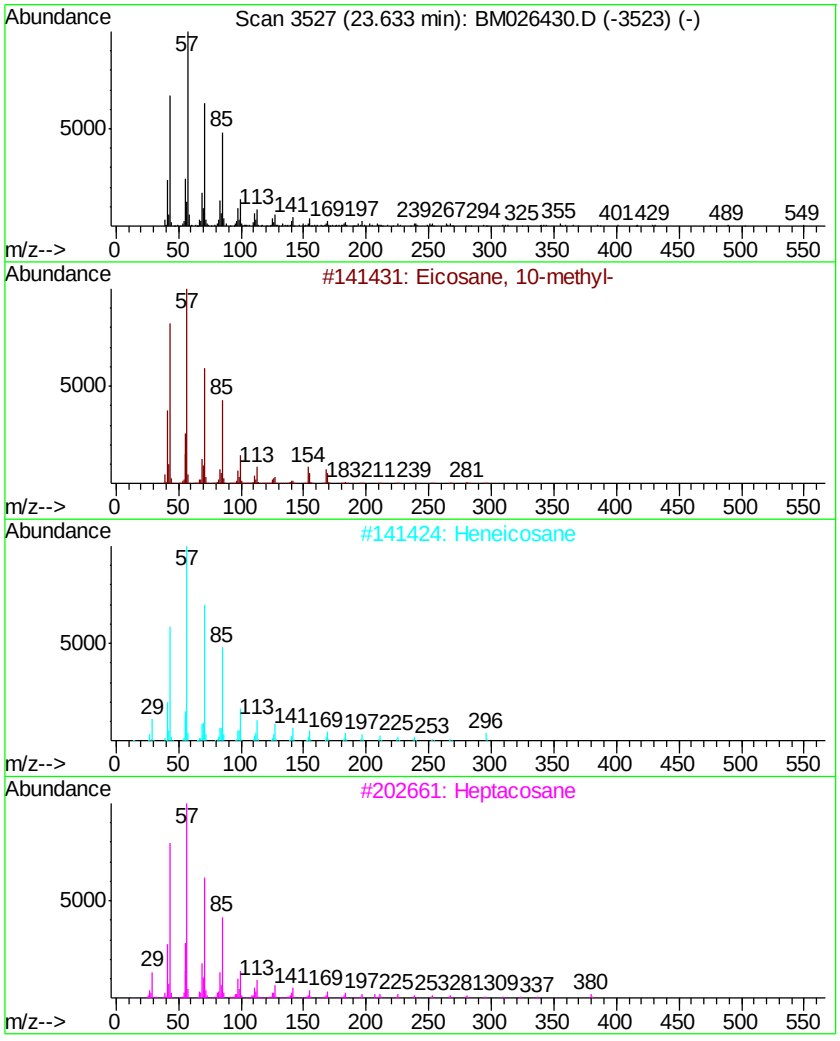
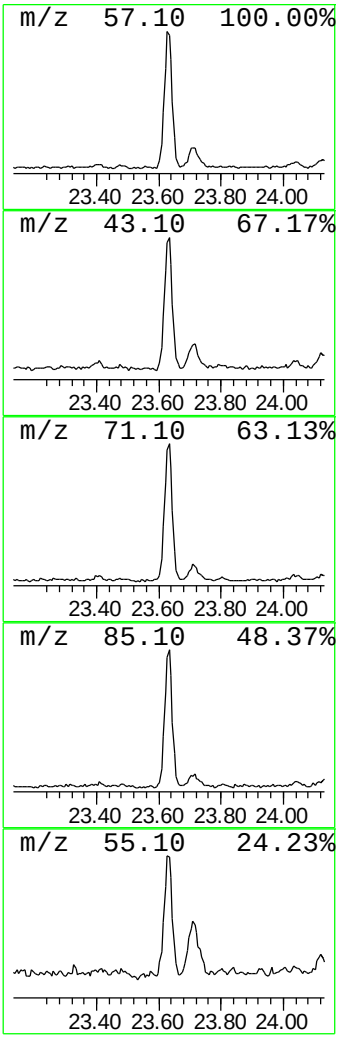
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.63	2.72 ng/ul	362483	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061720\
Data File : BM026430.D
Acq On : 17 Jun 2020 17:42
Operator : JU/CG
Sample : L2959-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG2J6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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
Dodecanoic acid	14.53	3.1	ng/ul	264435	3	14.05	1730930	20.0
Acetamide, N-(3-m...	15.98	2.8	ng/ul	293326	4	16.81	2116270	20.0
Phenol, 4,4'-(1-m...	19.29	3.5	ng/ul	449758	5	21.02	2579880	20.0
(DEL) Alkane: Str...	20.77	3.9	ng/ul	505479	5	21.02	2579880	20.0
unknown-01	22.34	2.1	ng/ul	275635	6	23.11	2662710	20.0
(DEL) Alkane: Str...	22.53	2.4	ng/ul	313309	6	23.11	2662710	20.0
(DEL) Alkane: Str...	23.04	2.9	ng/ul	379546	6	23.11	2662710	20.0
(DEL) Alkane: Str...	23.63	2.7	ng/ul	362483	6	23.11	2662710	20.0