LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

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-BM121719MA.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	2.987	14	17	22	rVB	38467	47866	0.86%	0.093%
2	3.210	51	55	65	rVB3	44327	72295	1.30%	0.141%
3	3.481	98	101	107	rVB	32075	43208	0.77%	0.084%
4	3.593	115	120	125	rVB2	36160	70986	1.27%	0.139%
5	3.675	128	134	140	rVB	59834	90658	1.63%	0.177%
6	4.404	252	258	262	rBV2	33958	47253	0.85%	0.092%
7	4.587	284	289	295	rVB3	51851	100144	1.80%	0.195%
8	4.646	295	299	305	rVV	63902	100922	1.81%	0.197%
9	4.810	318	327	332	rBV5	42519	76795	1.38%	0.150%
10	5.087	369	374	389	rVB	57042	131077	2.35%	0.256%
11	5.316	407	413	419	rBV4	24557	49593	0.89%	0.097%
12	5.387	419	425	430	rVV5	16764	39425	0.71%	0.077%
13	5.457	430	437	442	rVV2	124217	204345	3.66%	0.399%
14	5.516	442	447	454	rVB7	21812	48884	0.88%	0.095%
15	5.704	470	479	487	rBV6	26302	79150	1.42%	0.155%
16	5.834	492	501	507	rVB5	22969	49235	0.88%	0.096%
17	5.916	509	515	523	rBV4	40097	77269	1.39%	0.151%
18	5.987	523	527	531	rBV	34872	49150	0.88%	0.096%
19	6.057	531	539	542	rVV4	41914	87085	1.56%	0.170%
20	6.098	542	546	550	rVB2	45128	69556	1.25%	0.136%
21	6.322	581	584	590	rVB2	46673	72033	1.29%	0.141%
22	6.422	590	601	606	rBV7	23702	66146	1.19%	0.129%
23	6.510	613	616	620	rVV	23349	45536	0.82%	0.089%
24	6.545	620	622	625	rVV2	26095	40339	0.72%	0.079%
25	6.616	626	634	647	rVV2	622971	1330578	23.86%	2.597%
26	6.716	647	651	655	rVV	68680	114400	2.05%	0.223%
27	6.769	655	660	675	rVV	517215	947090	16.98%	1.849%
28	6.898	678	682	686	rVV5	18155	41238	0.74%	0.081%
29	6.951	686	691	701	rVV	696607	1173028	21.04%	2.290%
30	7.045	703	707	718	rVB2	119600	261738	4.69%	0.511%
31	7.410	760	769	782	rBV	836206	1462632	26.23%	2.855%
32	7.522	784	788	795	rVB2	41755	71434	1.28%	0.139%
33	7.686	809	816	823	rBV7	25840	62186	1.12%	0.121%
34	7.951	847	861	866	rVB8	28743	79803	1.43%	0.156%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

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-BM121719MA.M
Title : SVOA CALIBRATION

35	8.069	879	881	887	rVB	29113	39383	0.71%	0.077%
36	8.139	887	893	902	rVV	695082	1225244	21.97%	2.392%
37	8.204	902	904	910	rVV4	65365	134896	2.42%	0.263%
38	8.245	910	911	918	rVV2	33829	55644	1.00%	0.109%
39	8.569	959	966	973	rBV	587206	1020345	18.30%	1.992%
40	8.633	973	977	984	rVB	160462	247814	4.44%	0.484%
41	8.745	984	996	1003	rVB10	36251	110915	1.99%	0.217%
42	8.992	1029	1038	1042	rBV6	22972	44431	0.80%	0.087%
43	9.039	1042	1046	1051	rVV5	21812	41771	0.75%	0.082%
44	9.104	1051	1057	1063	rVB6	33903	69592	1.25%	0.136%
45	9.281	1080	1087	1097	rBV	475582	903040	16.19%	1.763%
46	9.628	1142	1146	1150	rVB4	29741	39644	0.71%	0.077%
47	9.769	1167	1170	1174	rVV4	22577	42211	0.76%	0.082%
48	9.828	1174	1180	1193	rVV	646113	1291515	23.16%	2.521%
49	10.175	1230	1239	1245	rBV	1393343	2320486	41.61%	4.530%
50	10.227	1245	1248	1256	rVB	135654	207390	3.72%	0.405%
51	10.357	1263	1270	1279	rBV2	212978	433149	7.77%	0.846%
52	10.886	1352	1360	1364	rVB	29054	51106	0.92%	0.100%
53	11.033	1380	1385	1390	rBV5	33435	66547	1.19%	0.130%
54	11.110	1394	1398	1405	rVB2	39595	66823	1.20%	0.130%
55	11.216	1411	1416	1427	rBV	180447	307585	5.52%	0.600%
56	11.627	1479	1486	1493	rBV	233166	363415	6.52%	0.709%
57	11.774	1507	1511	1516	rBV6	24420	41903	0.75%	0.082%
58	11.857	1516	1525	1532	rVB	269948	462024	8.29%	0.902%
59	12.080	1553	1563	1570	rVV	201840	387095	6.94%	0.756%
60	12.151	1573	1575	1586	rVB7	22618	43788	0.79%	0.085%
61	12.333	1602	1606	1612	rVB4	38219	62466	1.12%	0.122%
62	12.469	1625	1629	1636	rVB3	51618	81239	1.46%	0.159%
63	12.557	1639	1644	1648	rVV5	26583	59049	1.06%	0.115%
64	12.610	1648	1653	1668	rVB	141625	281222	5.04%	0.549%
65	12.904	1698	1703	1710	rVV	293156	437624	7.85%	0.854%
66	13.233	1754	1759	1761	rBV	109861	185112	3.32%	0.361%
67	13.345	1775	1778	1781	rBV2	35257	43535	0.78%	0.085%
68	13.392	1781	1786	1791	rVV	231060	361020	6.47%	0.705%
69	13.451	1791	1796	1799	rBV	186340	275367	4.94%	0.538%
70	13.504	1799	1805	1810	rVV	1269103	1742757	31.25%	3.402%
71	13.551	1810	1813	1815	rVV	110108	156113	2.80%	0.305%

LSC Area Percent Report

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Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	13.580	1815	1818	1822	rVB	187300	239334	4.29%	0.467%
73	13.633	1822	1827	1830	rBV2	146160	246770	4.43%	0.482%
74	13.663	1830	1832	1836	rVB2	66895	71359	1.28%	0.139%
75	13.763	1844	1849	1854	rBV	1502397	2202615	39.50%	4.300%
76	14.004	1885	1890	1895	rBV	287672	379115	6.80%	0.740%
77	14.074	1896	1902	1909	rBV	1797490	2652425	47.57%	5.178%
78	14.133	1909	1912	1916	rBV2	31699	44964	0.81%	0.088%
79	14.298	1934	1940	1945	rBV4	72304	181474	3.25%	0.354%
80	14.351	1945	1949	1956	rVV2	156287	350815	6.29%	0.685%
81	14.486	1968	1972	1979	rVB2	186557	334825	6.00%	0.654%
82	14.568	1982	1986	1991	rVB	136152	184812	3.31%	0.361%
83	14.627	1992	1996	2002	rBV5	96074	145571	2.61%	0.284%
84	14.710	2005	2010	2015	rBV2	121711	237362	4.26%	0.463%
85	14.762	2015	2019	2023	rBV	127588	166378	2.98%	0.325%
86	14.874	2033	2038	2042	rBV3	131767	256044	4.59%	0.500%
87	14.962	2049	2053	2058	rBV	346645	404281	7.25%	0.789%
88	15.080	2068	2073	2078	rBV	2015743	2706750	48.54%	5.284%
89	15.127	2078	2081	2087	rVB2	158852	227607	4.08%	0.444%
90	15.186	2088	2091	2096	rBV4	68689	121203	2.17%	0.237%
91	15.245	2096	2101	2110	rBV3	244028	517582	9.28%	1.010%
92	15.368	2118	2122	2127	rVB3	145611	251261	4.51%	0.490%
93	15.433	2130	2133	2142	rVB	161999	300634	5.39%	0.587%
94	15.827	2197	2200	2202	rBV2	372362	453241	8.13%	0.885%
95	16.627	2332	2336	2339	rBV	453781	617942	11.08%	1.206%
96	16.839	2367	2372	2376	rBV	2049299	2881737	51.68%	5.626%
97	16.933	2384	2388	2396	rBV2	1861160	2723662	48.84%	5.317%
98	19.245	2778	2781	2786	rBV	2113424	2740605	49.15%	5.350%
99	20.286	2955	2958	2963	rVB	5128327	5576197	100.00%	10.886%
100	21.056	3086	3089	3094	rVB	2413844	3002765	53.85%	5.862%

Sum of corrected areas: 51225667

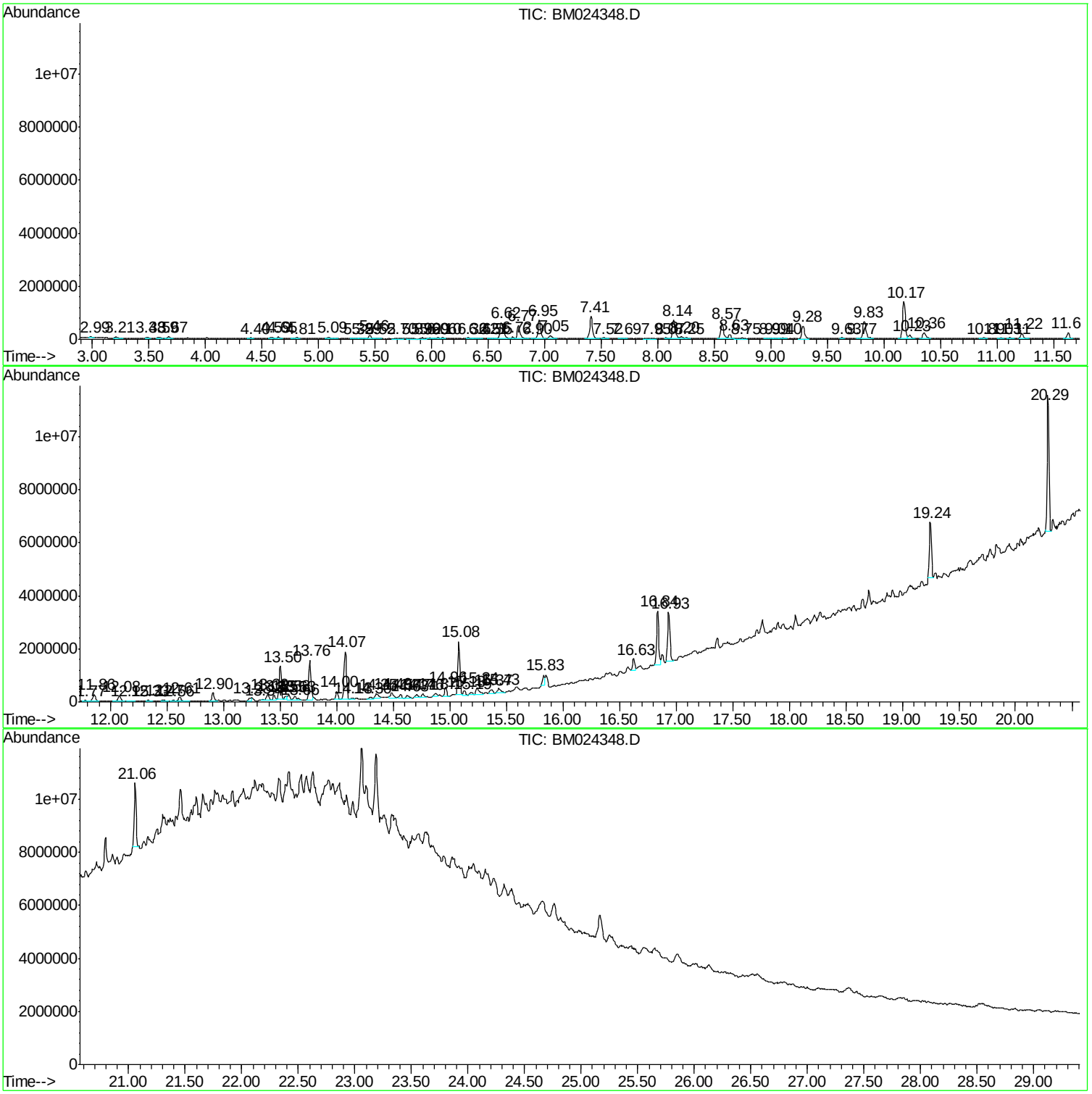
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
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Misc :
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Instrument : BNA_M
ClientSampleId : C0C92

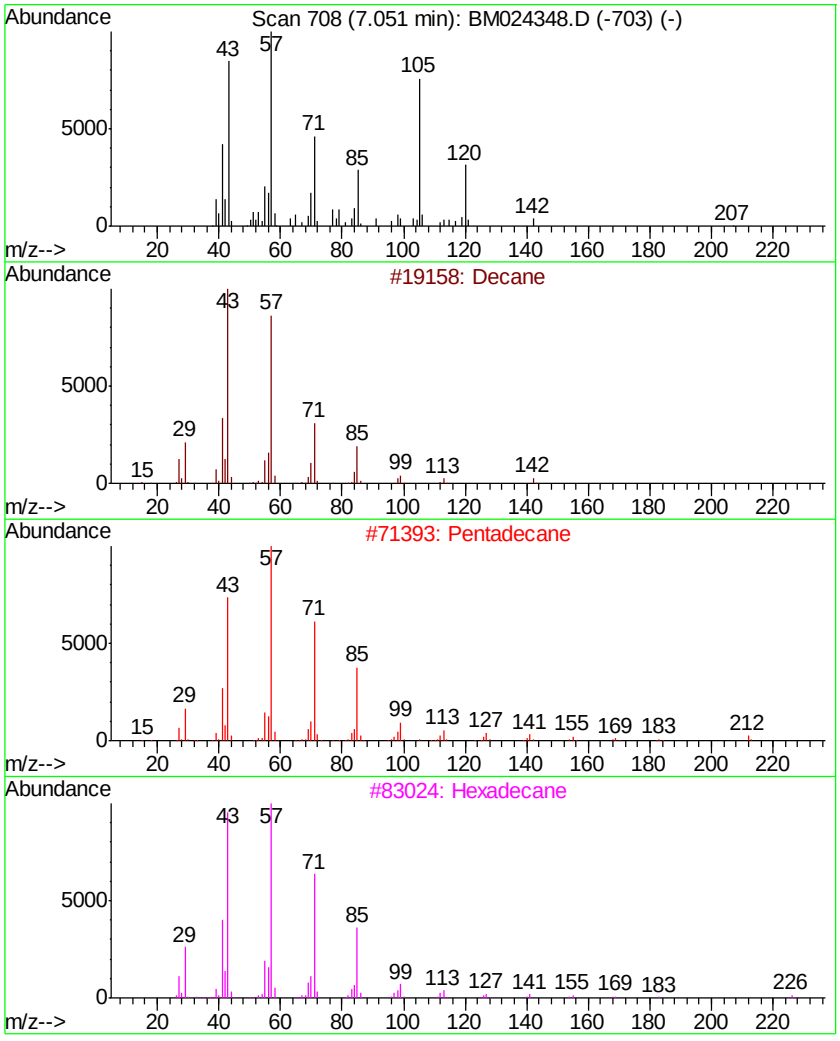
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

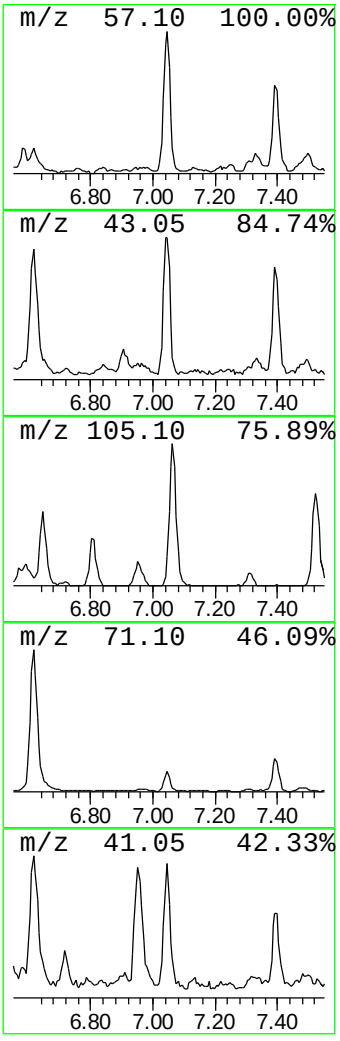
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	3.58 ng/ul	261738	1,4-Dichlorobenzene-d4	7.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Pentadecane	212	C15H32	000629-62-9	59
3	Hexadecane	226	C16H34	000544-76-3	59
4	Undecane	156	C11H24	001120-21-4	59
5	Tetradecane	198	C14H30	000629-59-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

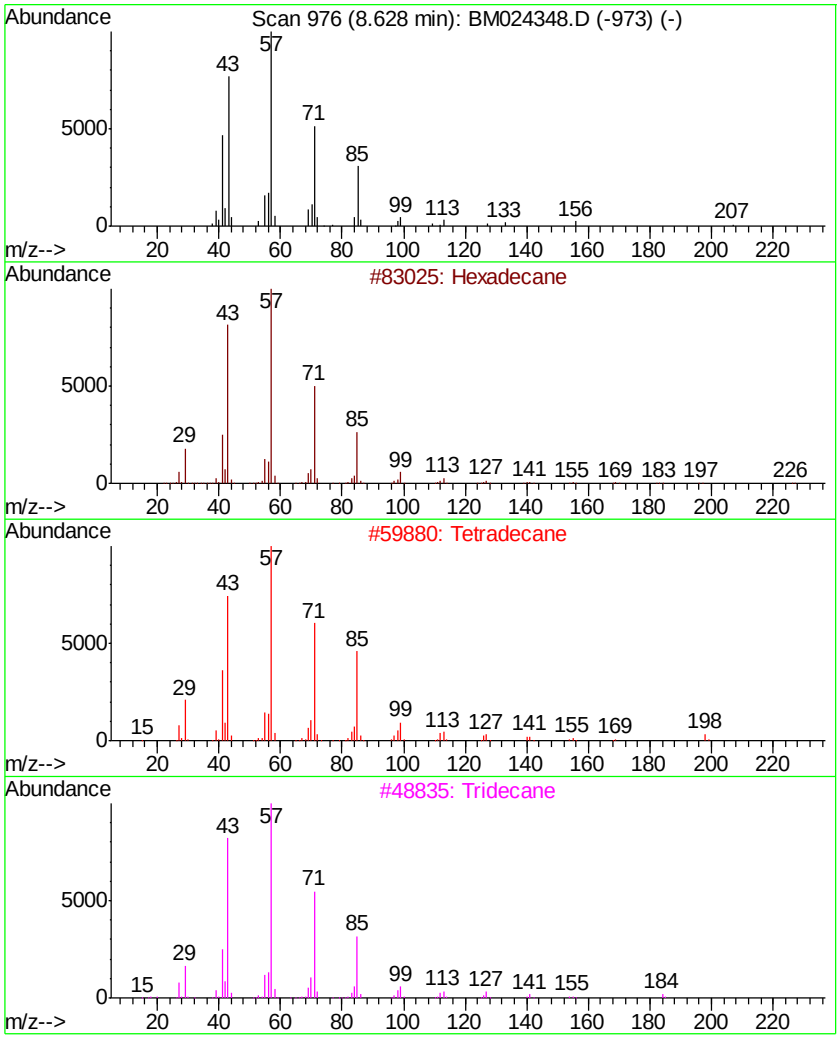
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

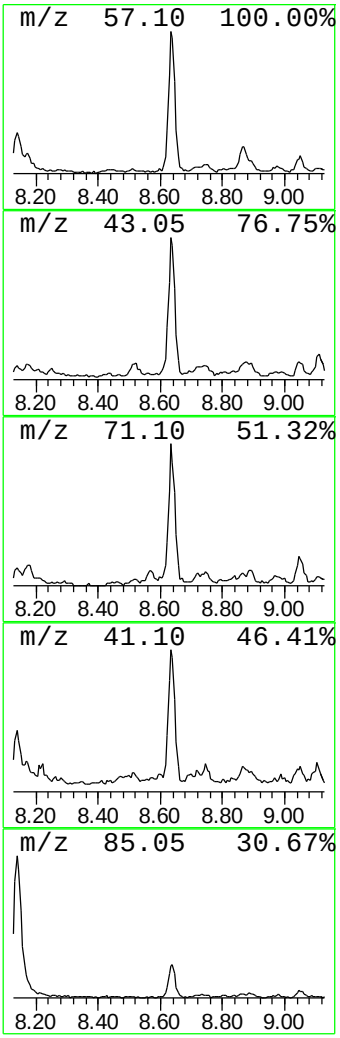
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.39 ng/ul	247814	1,4-Dichlorobenzene-d4	7.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane	156	C11H24	001120-21-4	76





Library Search Compound Report

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

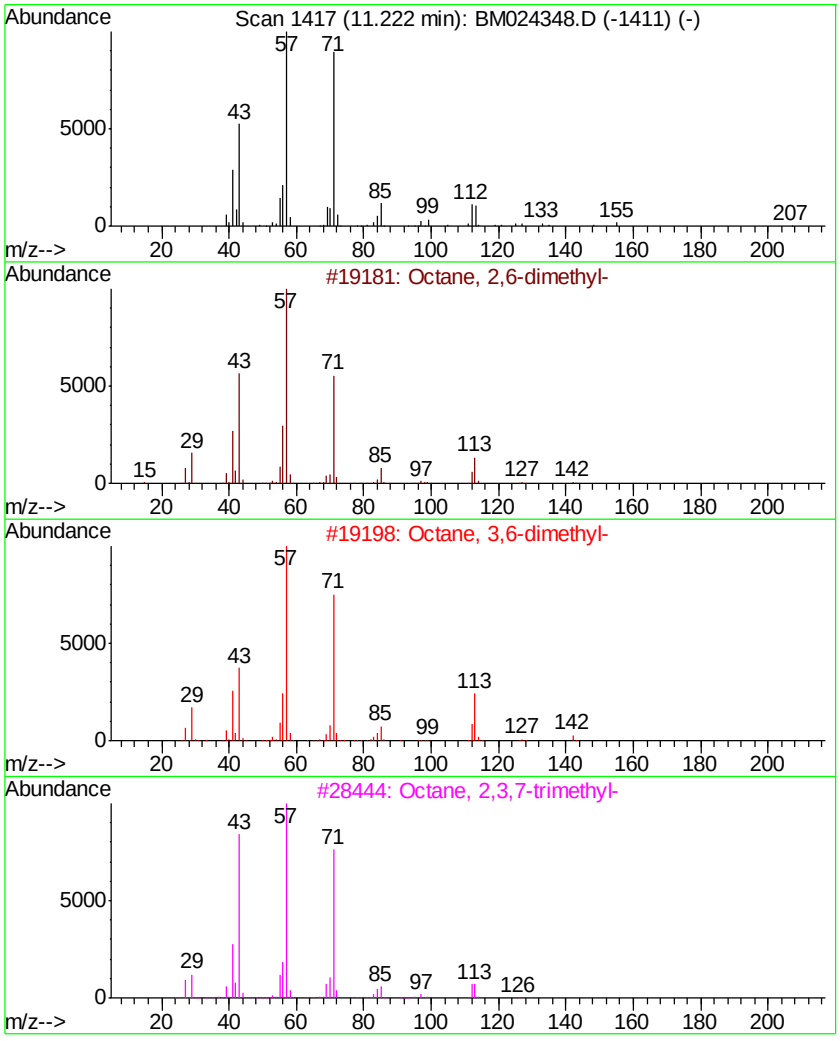
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

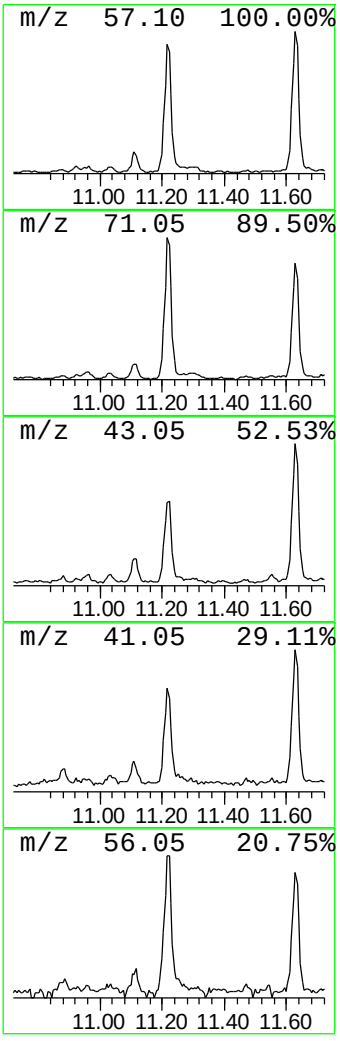
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.65 ng/ul	307585	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

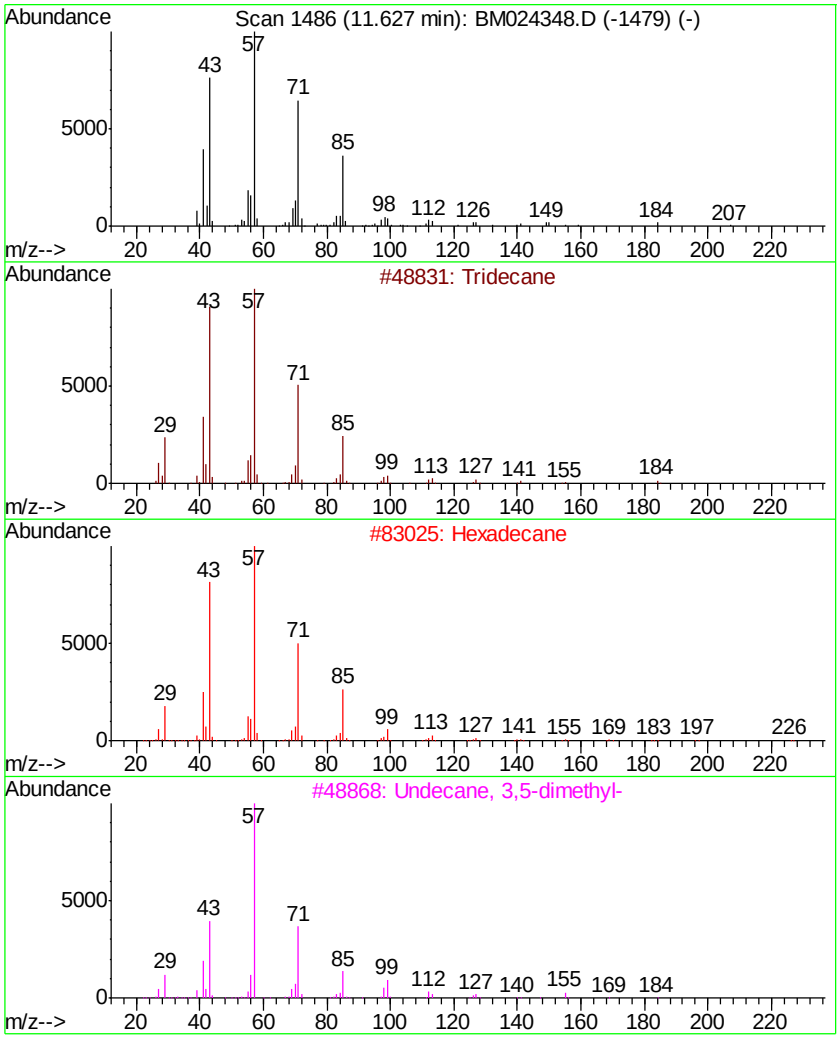
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

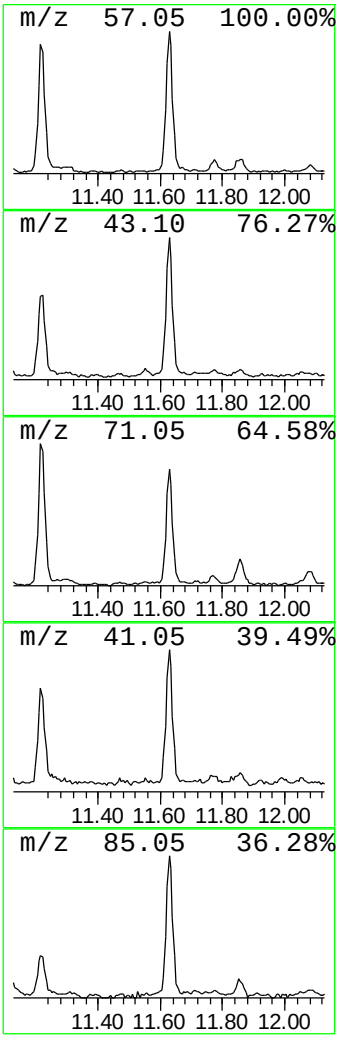
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.13 ng/ul	363415	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

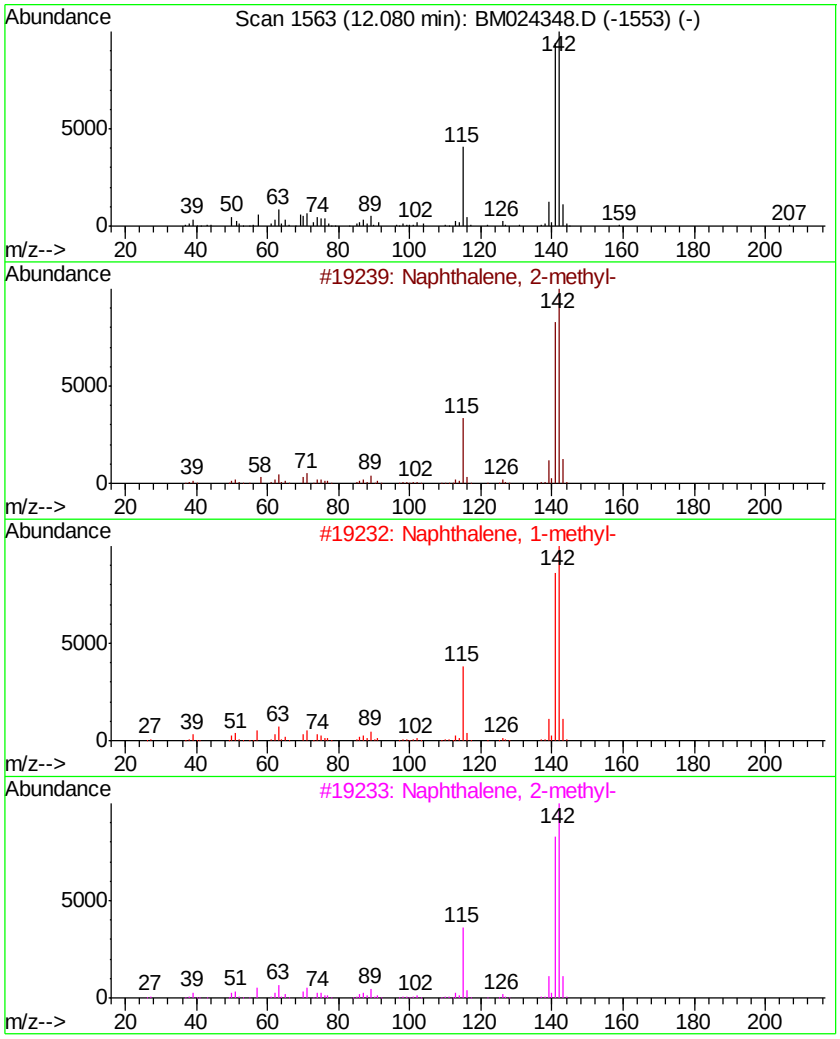
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

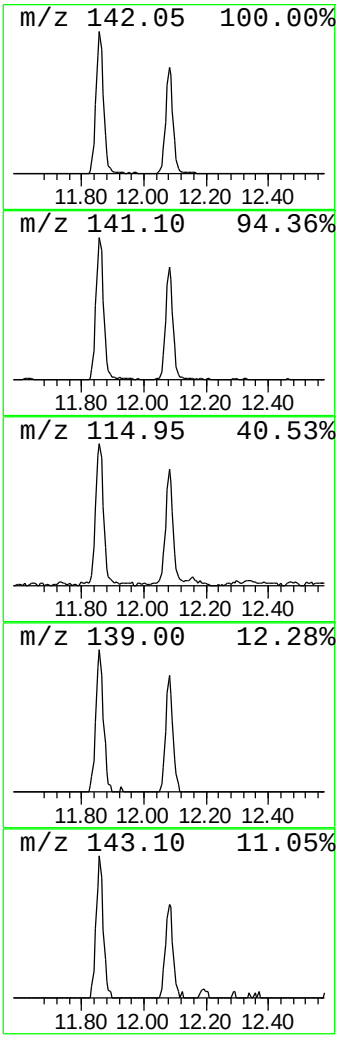
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.34 ng/ul	387095	Naphthalene-d8	10.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
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Sample : K6278-22
Misc :
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Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

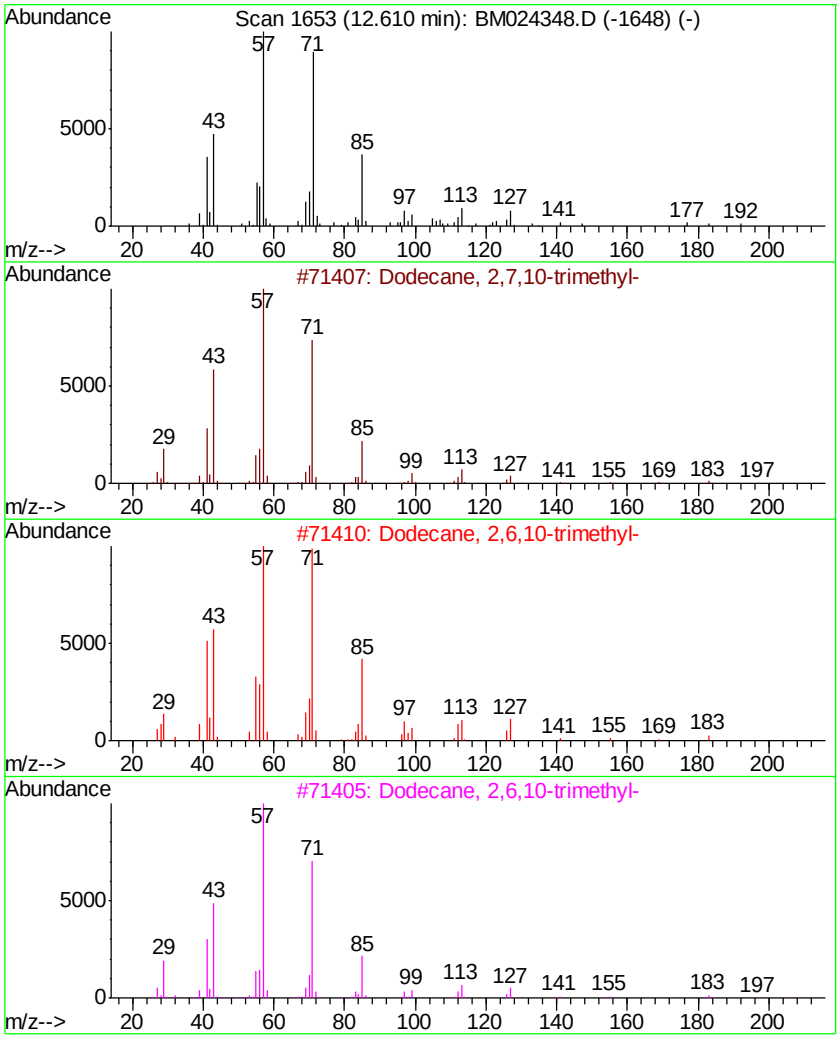
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

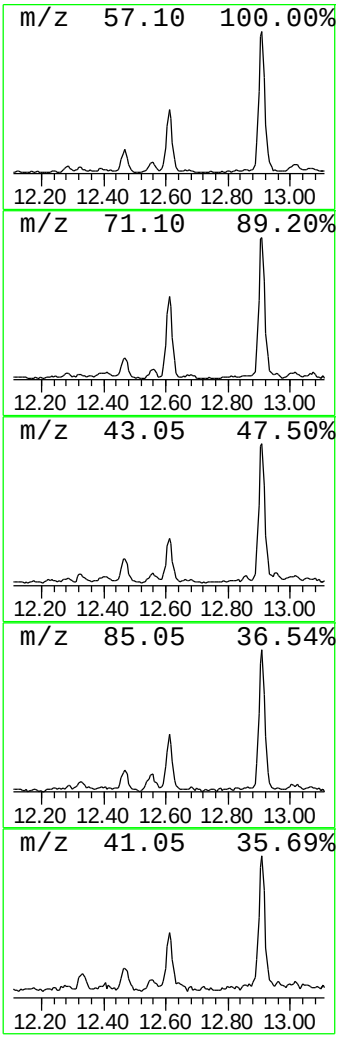
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.12 ng/ul	281222	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

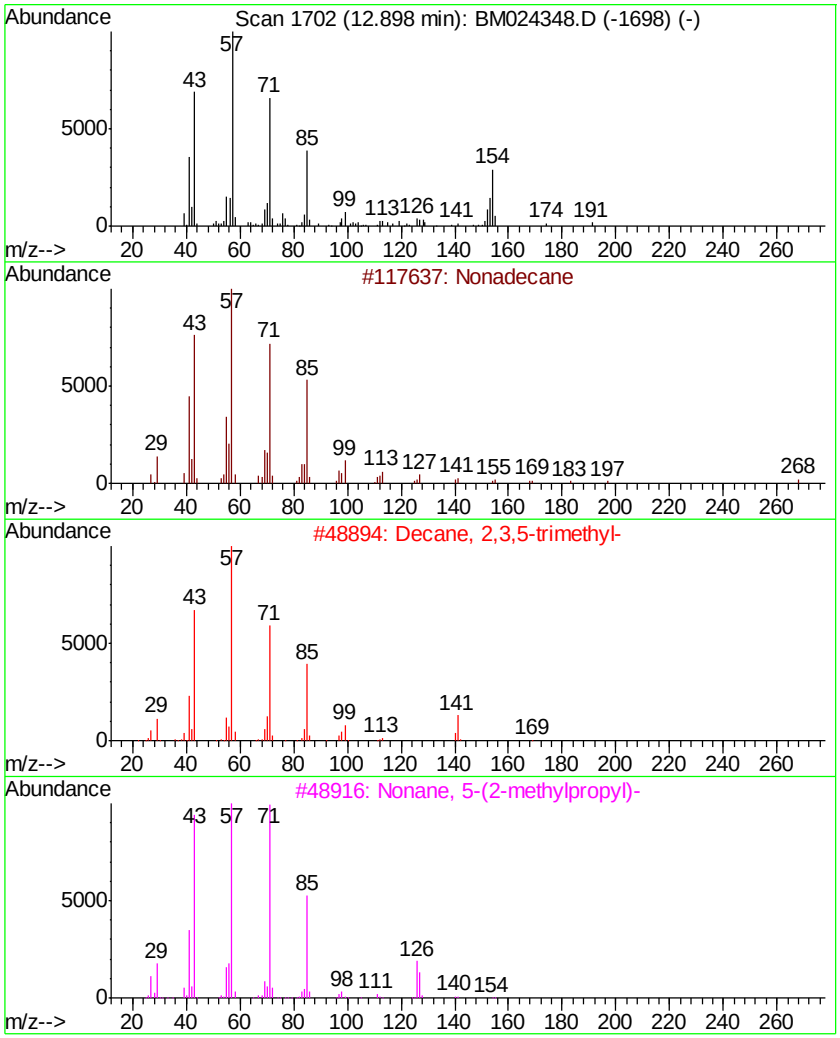
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

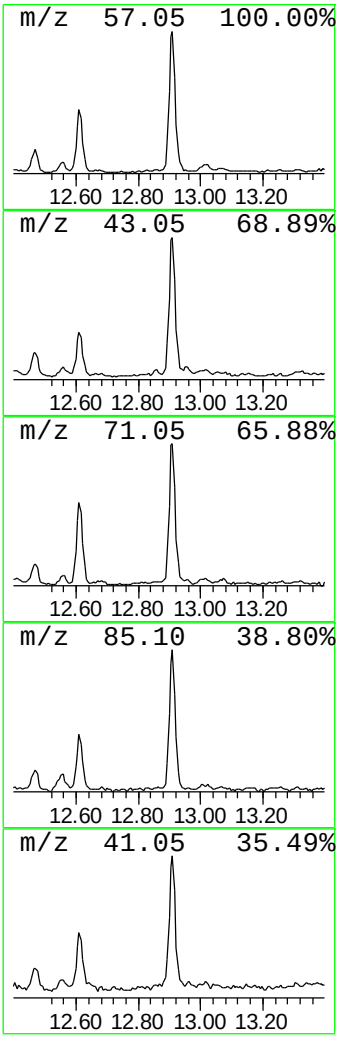
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.30 ng/ul	437624	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	59
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4	Hexadecane	226	C16H34	000544-76-3	52
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52





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Acq On : 28 Dec 2019 14:24
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Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

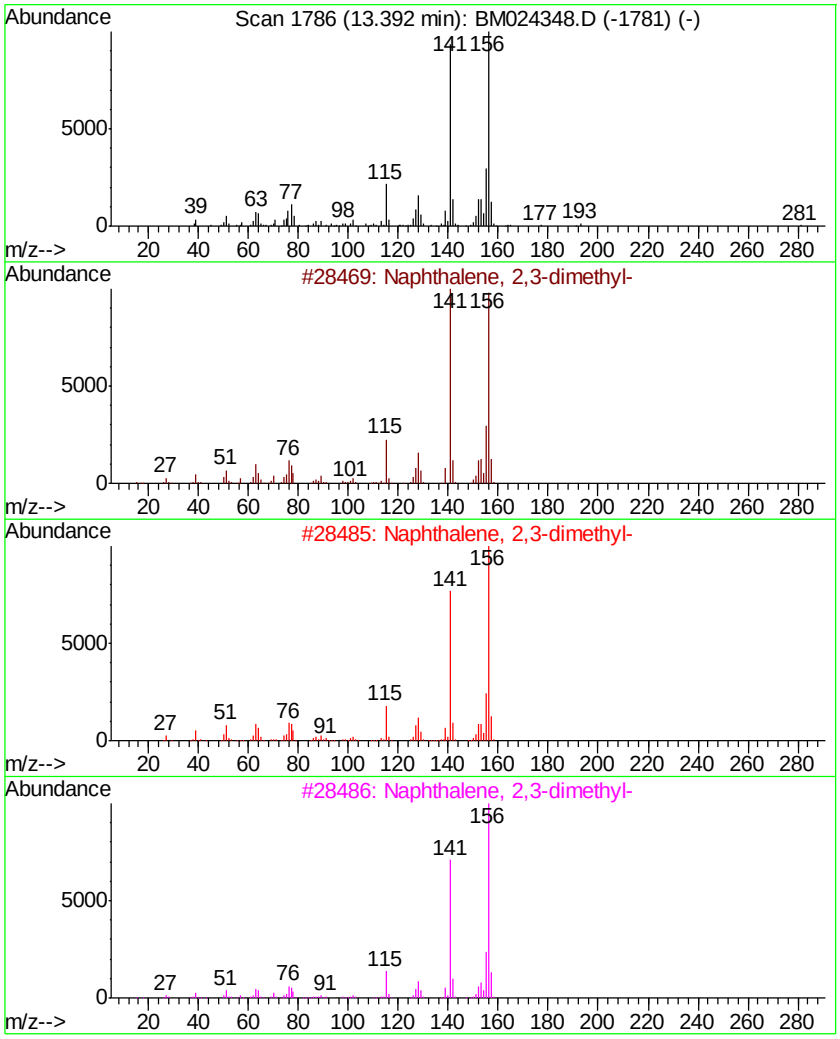
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

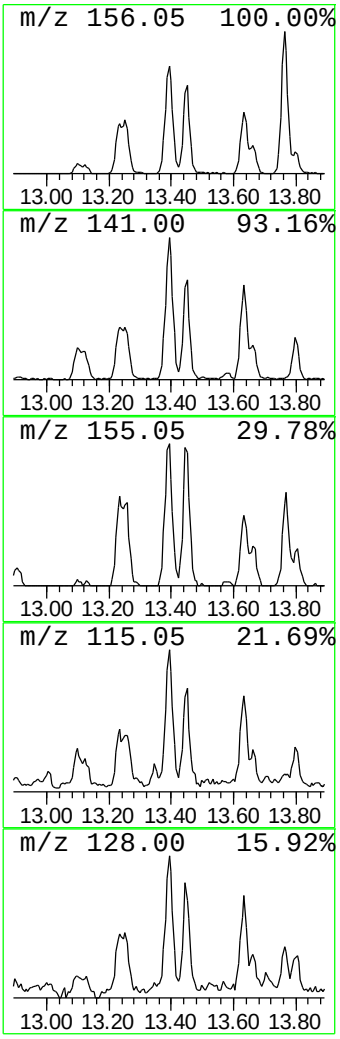
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.72 ng/ul	361020	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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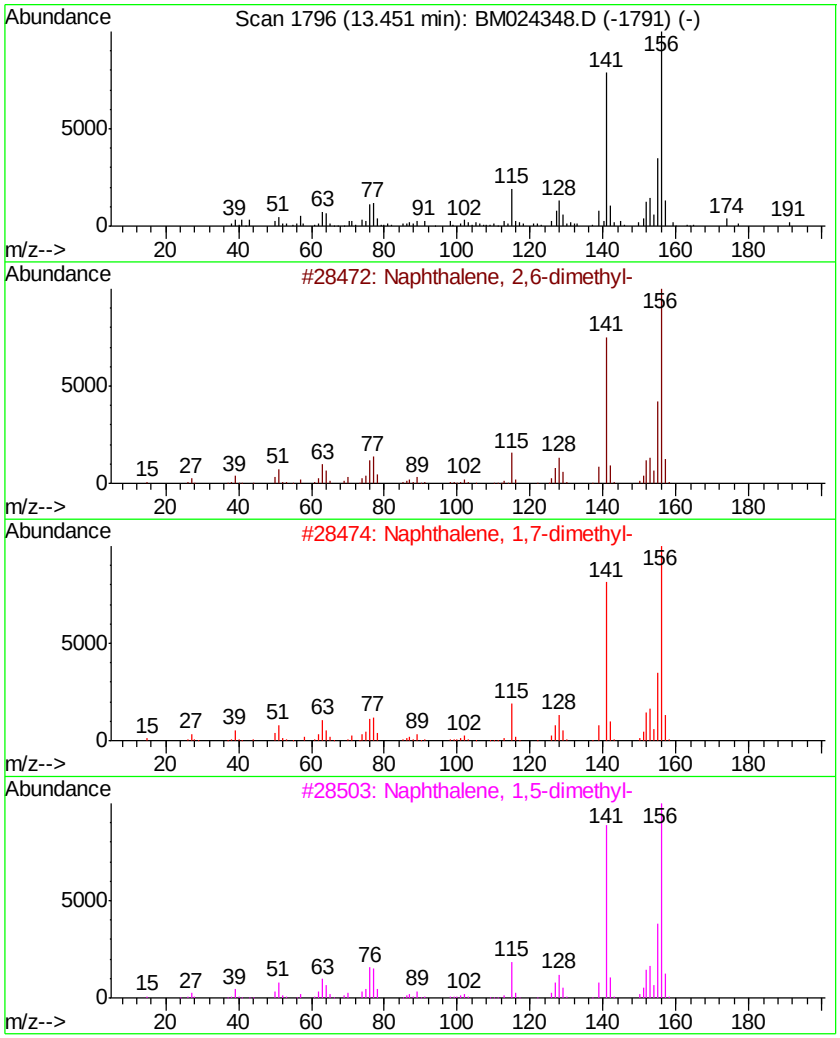
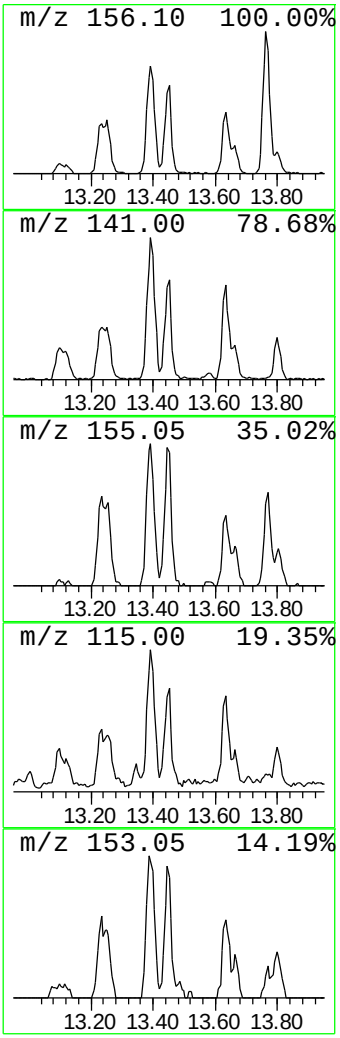
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.08 ng/ul	275367	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

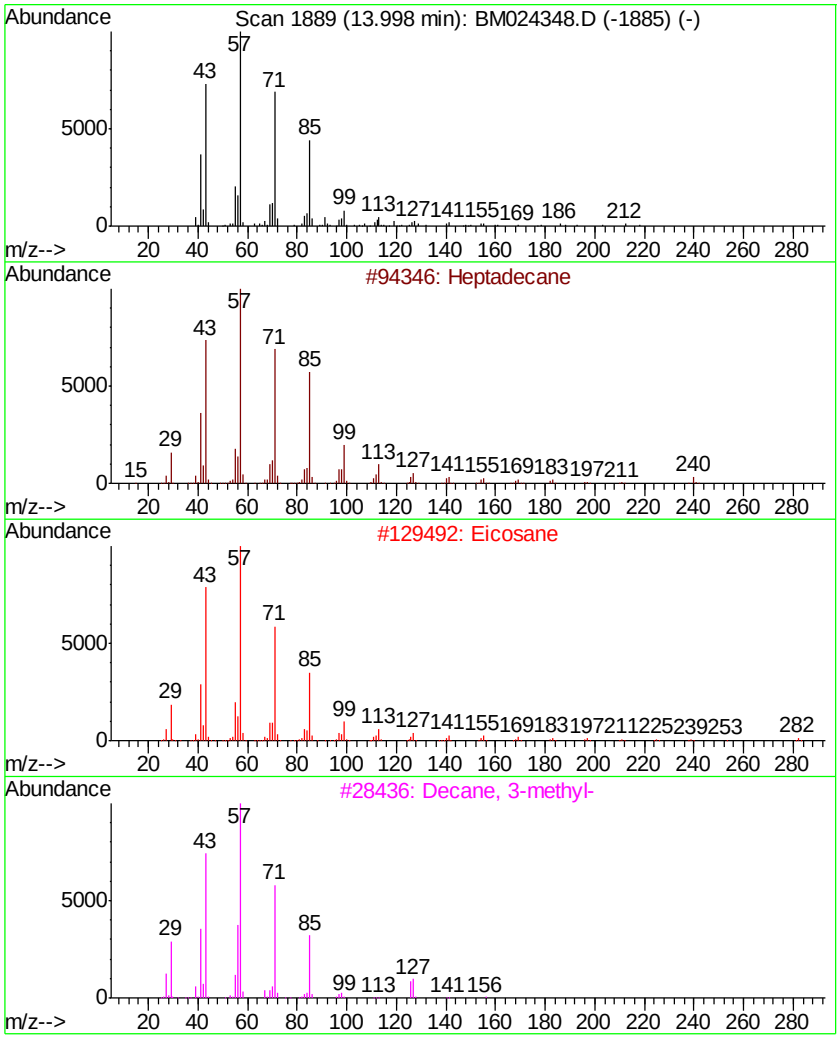
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

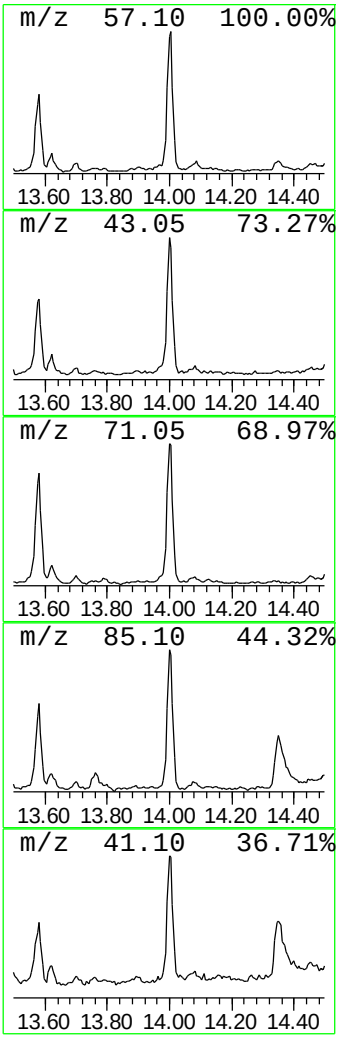
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.86 ng/ul	379115	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Eicosane	282	C20H42	000112-95-8	80
3	Decane, 3-methyl-	156	C11H24	013151-34-3	74
4	Pentadecane	212	C15H32	000629-62-9	70
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Library Search Compound Report

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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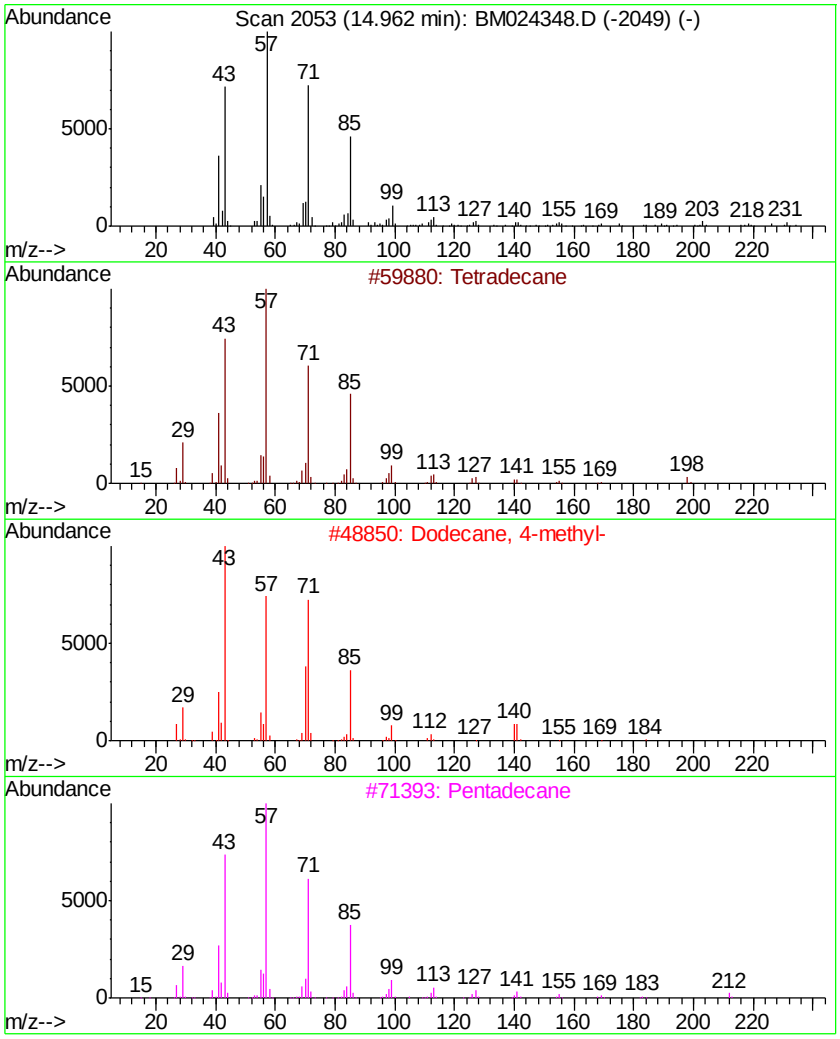
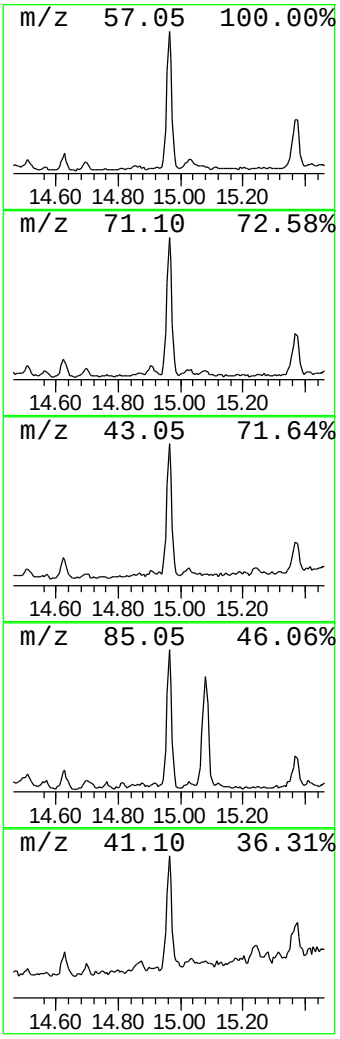
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.05 ng/ul	404281	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octacosane	394	C28H58	000630-02-4	80





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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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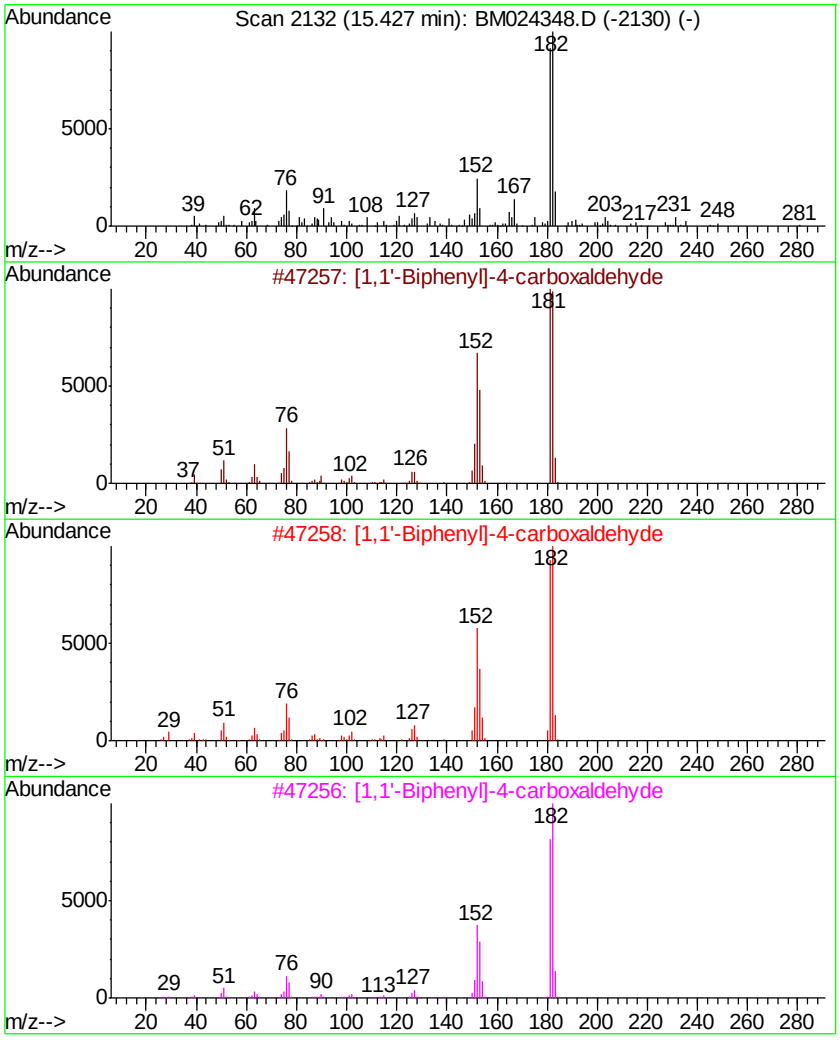
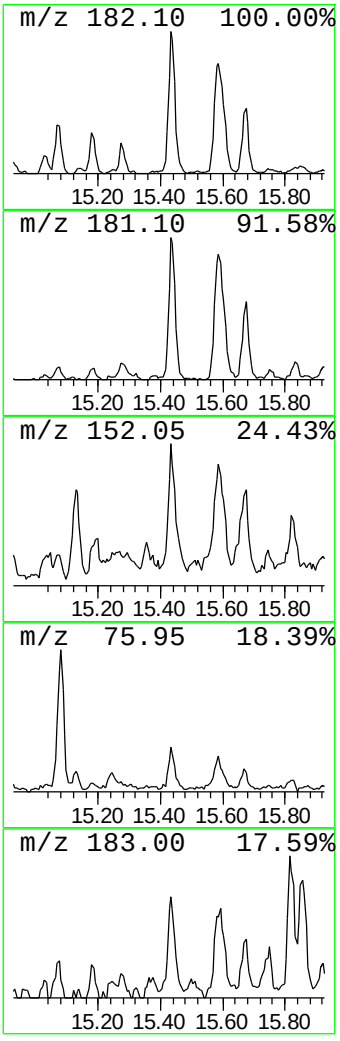
Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.27 ng/ul	300634	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

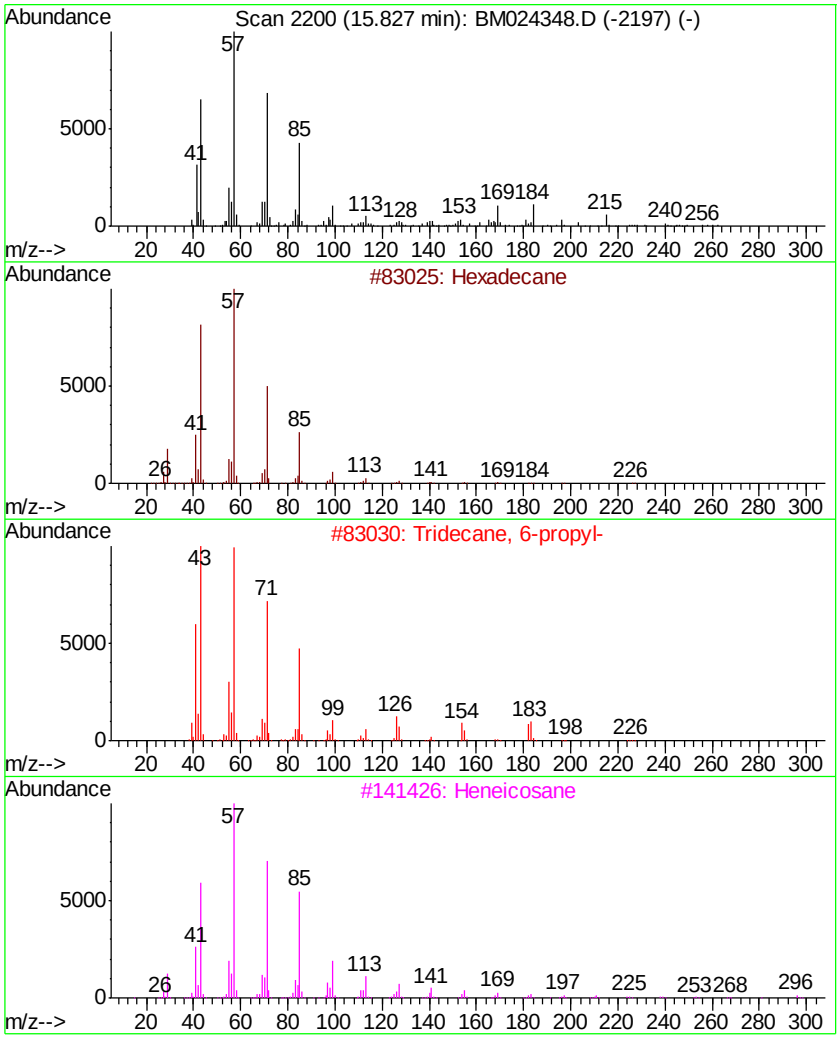
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

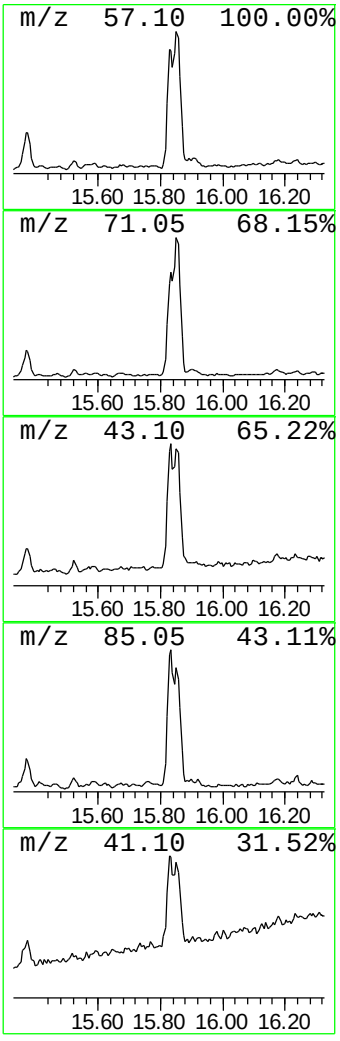
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.15 ng/ul	453241	Phenanthrene-d10	16.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
3	Heneicosane	296	C21H44	000629-94-7	68
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

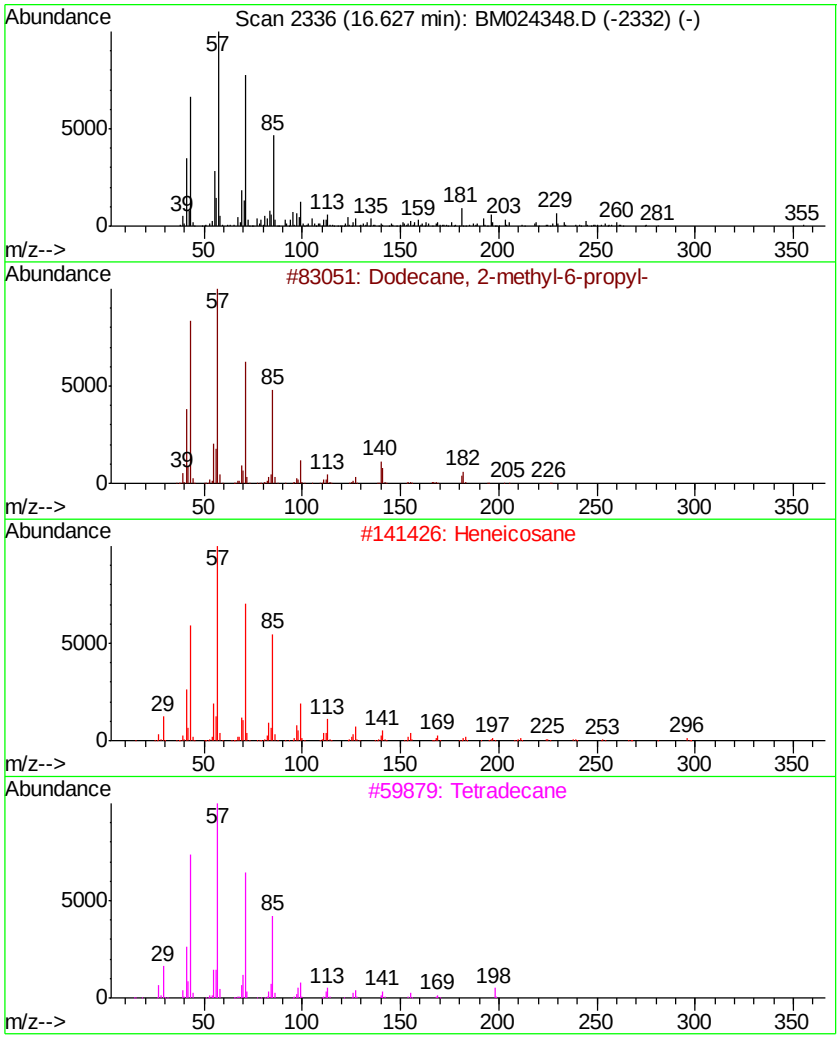
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

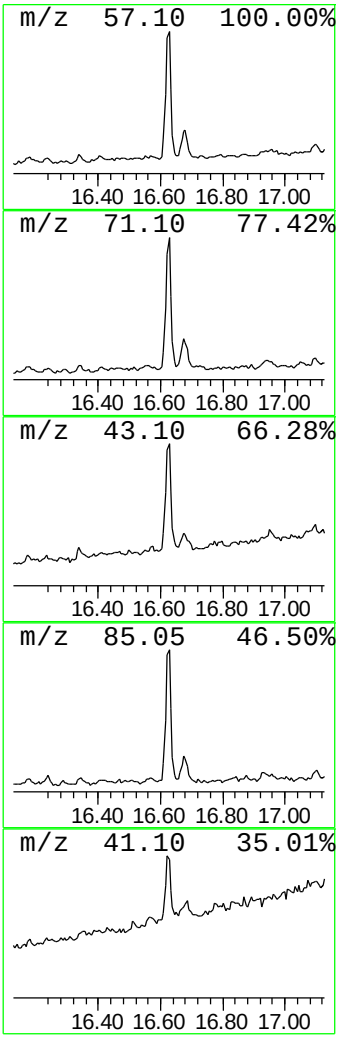
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	4.29 ng/ul	617942	Phenanthrene-d10	16.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

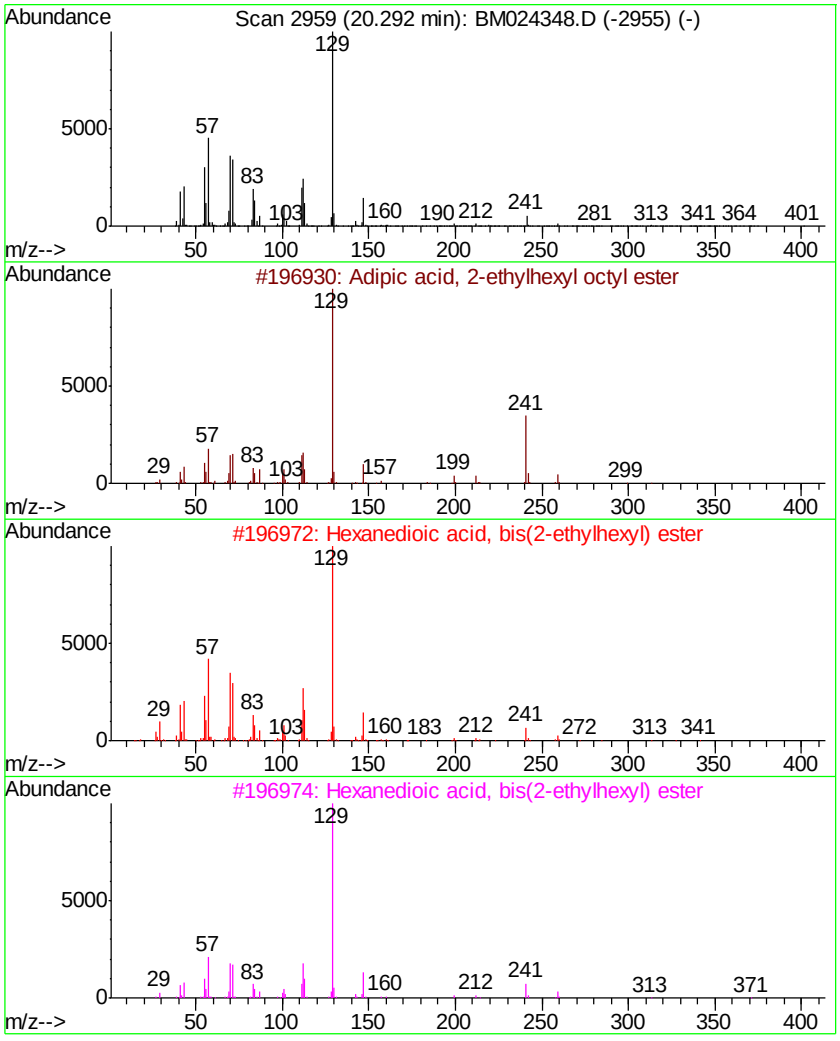
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

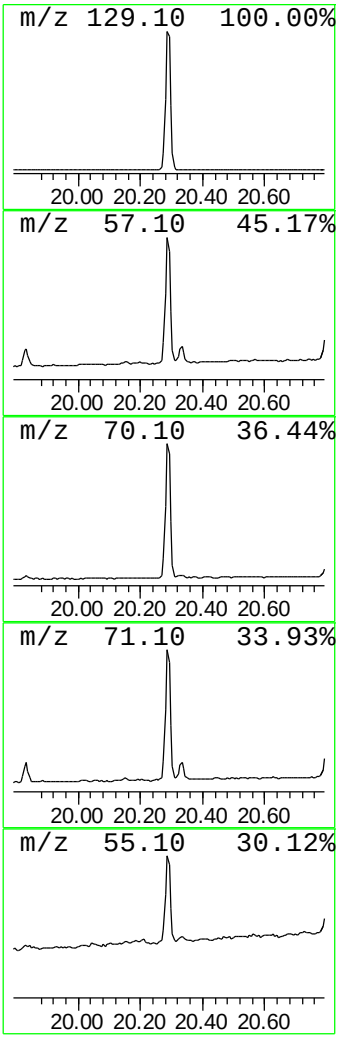
****

Peak Number 16 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	37.14 ng/ul	5576200	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80





Tentatively Identified Compound (LSC) summary

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Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
(DEL) Alkane: Str...	7.05	3.6	ng/ul	261738	1	7.41	1462630	20.0
(DEL) Alkane: Str...	8.63	3.4	ng/ul	247814	1	7.41	1462630	20.0
(DEL) Alkane: Str...	11.22	2.6	ng/ul	307585	2	10.17	2320490	20.0
(DEL) Alkane: Str...	11.63	3.1	ng/ul	363415	2	10.17	2320490	20.0
Naphthalene, 1-me...	12.08	3.3	ng/ul	387095	2	10.17	2320490	20.0
(DEL) Alkane: Str...	12.61	2.1	ng/ul	281222	3	14.07	2652430	20.0
(DEL) Alkane: Str...	12.90	3.3	ng/ul	437624	3	14.07	2652430	20.0
Naphthalene, 2,3-...	13.39	2.7	ng/ul	361020	3	14.07	2652430	20.0
Naphthalene, 2,6-...	13.45	2.1	ng/ul	275367	3	14.07	2652430	20.0
(DEL) Alkane: Str...	14.00	2.9	ng/ul	379115	3	14.07	2652430	20.0
(DEL) Alkane: Str...	14.96	3.0	ng/ul	404281	3	14.07	2652430	20.0
[1,1'-Biphenyl]-4...	15.43	2.3	ng/ul	300634	3	14.07	2652430	20.0
(DEL) Alkane: Str...	15.83	3.1	ng/ul	453241	4	16.84	2881740	20.0
(DEL) Alkane: Str...	16.63	4.3	ng/ul	617942	4	16.84	2881740	20.0
Adipic acid, 2-et...	20.29	37.1	ng/ul	5576200	5	21.06	3002770	20.0