LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023510.D
Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

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-BM102319MA.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	3.146	24	27	35	rVB	198360	251340	2.18%	0.191%
2	4.963	331	336	345	rVB	640723	950353	8.25%	0.723%
3	6.799	642	648	658	rVB	464086	828500	7.19%	0.630%
4	6.957	669	675	682	rBV	1257889	2067603	17.94%	1.573%
5	7.151	702	708	717	rVB	1535070	2403375	20.85%	1.829%
6	7.610	780	786	798	rBV	2152738	3712636	32.21%	2.825%
7	7.987	844	850	856	rVB	130028	229090	1.99%	0.174%
8	8.257	892	896	900	rBV6	14515	24741	0.21%	0.019%
9	8.322	900	907	920	rVV	1275344	2085836	18.10%	1.587%
10	8.763	975	982	998	rVB	1695839	2856803	24.79%	2.174%
11	8.940	1009	1012	1013	rBV2	17434	15616	0.14%	0.012%
12	9.040	1027	1029	1036	rVB7	7506	15238	0.13%	0.012%
13	9.122	1038	1043	1050	rVB8	24556	48798	0.42%	0.037%
14	9.228	1056	1061	1069	rVB3	74663	139569	1.21%	0.106%
15	9.351	1076	1082	1087	rVB8	17033	30520	0.26%	0.023%
16	9.428	1087	1095	1097	rBV8	12916	25186	0.22%	0.019%
17	9.481	1097	1104	1114	rVB	1412508	2317358	20.11%	1.763%
18	9.651	1129	1133	1139	rVV6	27479	51060	0.44%	0.039%
19	9.798	1153	1158	1165	rBV4	56171	107919	0.94%	0.082%
20	9.934	1176	1181	1188	rVB8	26934	61515	0.53%	0.047%
21	10.022	1188	1196	1207	rBV	2095062	3710194	32.19%	2.823%
22	10.175	1218	1222	1226	rBV7	11547	18672	0.16%	0.014%
23	10.392	1251	1259	1268	rVV	2930053	4907469	42.58%	3.734%
24	10.457	1268	1270	1274	rVB5	13046	16153	0.14%	0.012%
25	10.534	1274	1283	1293	rBV	118772	297493	2.58%	0.226%
26	10.651	1298	1303	1311	rVV9	24378	53641	0.47%	0.041%
27	10.816	1325	1331	1333	rBV7	10613	20254	0.18%	0.015%
28	10.957	1350	1355	1358	rBV5	20469	37401	0.32%	0.028%
29	11.116	1377	1382	1386	rBV4	21601	37358	0.32%	0.028%
30	11.281	1408	1410	1418	rVB9	11374	26122	0.23%	0.020%
31	11.363	1421	1424	1428	rBV6	10223	17248	0.15%	0.013%
32	11.428	1428	1435	1436	rBV6	13572	20041	0.17%	0.015%
33	11.498	1444	1447	1455	rVB9	18608	34711	0.30%	0.026%
34	11.663	1471	1475	1481	rVB7	11716	21207	0.18%	0.016%

LSC Area Percent Report

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Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

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-BM102319MA.M
Title : SVOA CALIBRATION

35	11.751	1481	1490	1496	rBV	158399	310702	2.70%	0.236%
36	11.792	1496	1497	1503	rVB5	16219	18173	0.16%	0.014%
37	11.945	1521	1523	1526	rVV4	15541	22110	0.19%	0.017%
38	11.986	1526	1530	1534	rVV2	44897	73131	0.63%	0.056%
39	12.022	1534	1536	1541	rVB6	18483	27311	0.24%	0.021%
40	12.122	1549	1553	1555	rBV5	9644	16287	0.14%	0.012%
41	12.181	1558	1563	1571	rVV7	22528	54440	0.47%	0.041%
42	12.286	1578	1581	1585	rVB6	25567	32105	0.28%	0.024%
43	12.416	1597	1603	1606	rBV8	13031	22494	0.20%	0.017%
44	12.457	1606	1610	1614	rVV6	17906	34251	0.30%	0.026%
45	12.510	1615	1619	1623	rVB7	19262	33055	0.29%	0.025%
46	12.716	1653	1654	1661	rVB7	10437	17730	0.15%	0.013%
47	12.833	1670	1674	1678	rBV7	15151	22642	0.20%	0.017%
48	12.869	1678	1680	1685	rVB6	13415	20711	0.18%	0.016%
49	12.969	1692	1697	1702	rBV7	24005	50201	0.44%	0.038%
50	13.045	1706	1710	1715	rVV5	24008	42074	0.37%	0.032%
51	13.110	1717	1721	1725	rVV	46919	80121	0.70%	0.061%
52	13.180	1729	1733	1738	rVV3	28217	43678	0.38%	0.033%
53	13.233	1738	1742	1746	rVB7	11187	15970	0.14%	0.012%
54	13.316	1752	1756	1763	rVB10	20991	29419	0.26%	0.022%
55	13.392	1763	1769	1774	rBV8	34157	71159	0.62%	0.054%
56	13.439	1774	1777	1782	rVB7	25198	40920	0.36%	0.031%
57	13.492	1782	1786	1791	rBV8	26129	41182	0.36%	0.031%
58	13.680	1811	1818	1823	rBV	4164571	5753431	49.92%	4.378%
59	13.727	1823	1826	1837	rVB	575018	774040	6.72%	0.589%
60	13.810	1837	1840	1844	rBV5	17234	23733	0.21%	0.018%
61	13.951	1856	1864	1876	rBV	4712832	7011767	60.84%	5.335%
62	14.069	1882	1884	1889	rBV3	34753	54656	0.47%	0.042%
63	14.186	1901	1904	1909	rBV6	26140	40596	0.35%	0.031%
64	14.263	1909	1917	1923	rVV	4431092	6529966	56.66%	4.968%
65	14.322	1923	1927	1935	rVB2	73517	136453	1.18%	0.104%
66	14.392	1935	1939	1942	rBV6	18655	26516	0.23%	0.020%
67	14.480	1948	1954	1966	rBV	350993	665811	5.78%	0.507%
68	14.810	2005	2010	2014	rVB4	33911	49190	0.43%	0.037%
69	15.022	2041	2046	2055	rVB	200115	291530	2.53%	0.222%
70	15.127	2060	2064	2066	rBV4	30231	36049	0.31%	0.027%
71	15.257	2080	2086	2093	rBV	5841915	8542151	74.11%	6.499%

LSC Area Percent Report

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Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

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-BM102319MA.M
Title : SVOA CALIBRATION

72	15.386	2102	2108	2121	rBV	1641687	2404439	20.86%	1.829%
73	15.516	2123	2130	2136	rVB2	288205	530996	4.61%	0.404%
74	15.774	2167	2174	2182	rBV	283130	465607	4.04%	0.354%
75	15.863	2184	2189	2193	rBV6	22705	34773	0.30%	0.026%
76	15.951	2197	2204	2215	rBV	2306461	3736100	32.42%	2.843%
77	16.286	2256	2261	2265	rBV	185216	261172	2.27%	0.199%
78	16.421	2281	2284	2289	rVB7	20443	37202	0.32%	0.028%
79	16.686	2326	2329	2336	rBV8	20357	42861	0.37%	0.033%
80	16.880	2359	2362	2365	rBV5	22716	31339	0.27%	0.024%
81	17.010	2378	2384	2392	rVB2	5174610	7451863	64.65%	5.670%
82	17.110	2394	2401	2415	rVV	6729362	9451177	82.00%	7.191%
83	17.698	2498	2501	2508	rVB9	36036	63331	0.55%	0.048%
84	17.933	2536	2541	2557	rBV	483590	900447	7.81%	0.685%
85	18.804	2685	2689	2693	rBV2	88174	130075	1.13%	0.099%
86	19.039	2726	2729	2733	rBV	74684	98012	0.85%	0.075%
87	19.157	2747	2749	2754	rVB2	66033	66421	0.58%	0.051%
88	19.221	2756	2760	2764	rBV3	192201	252525	2.19%	0.192%
89	19.409	2786	2792	2798	rBV	8578316	11160591	96.83%	8.492%
90	19.468	2798	2802	2810	rVB	332280	478069	4.15%	0.364%
91	20.468	2969	2972	2980	rBV	625146	780513	6.77%	0.594%
92	20.945	3050	3053	3060	rBV	1089346	1465714	12.72%	1.115%
93	21.209	3093	3098	3104	rBV	6803988	8534791	74.05%	6.494%
94	21.821	3199	3202	3210	rVB	346007	450587	3.91%	0.343%
95	22.274	3276	3279	3284	rVB	640326	792728	6.88%	0.603%
96	22.774	3360	3364	3375	rVB	807028	1198402	10.40%	0.912%
97	23.262	3441	3447	3454	rVV	6603346	11525828	100.00%	8.770%
98	23.333	3455	3459	3463	rVV	778831	1188698	10.31%	0.904%
99	23.397	3464	3470	3481	rVB	4395853	8221684	71.33%	6.256%
100	23.968	3563	3567	3575	rVB	677356	1175310	10.20%	0.894%

Sum of corrected areas: 131428030

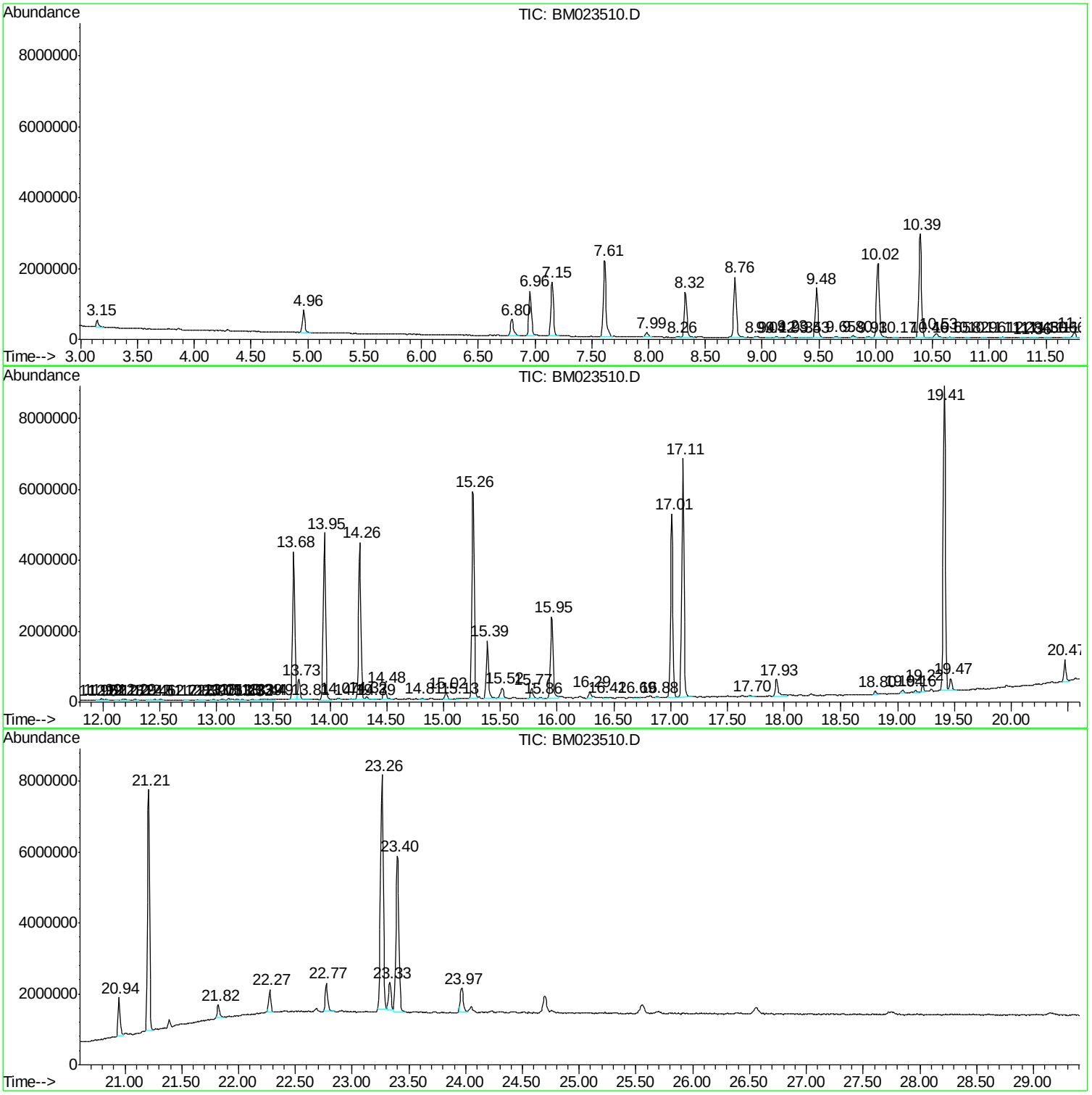
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023510.D
Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
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Quant Title : SVOA CALIBRATION

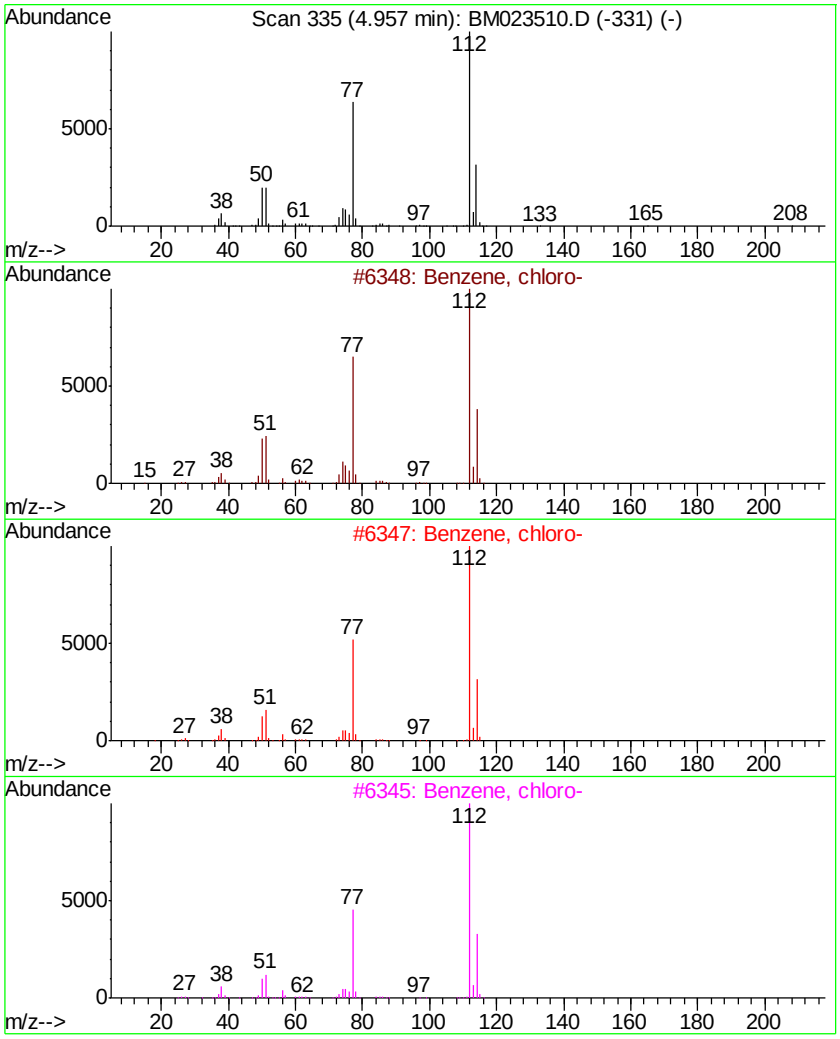
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

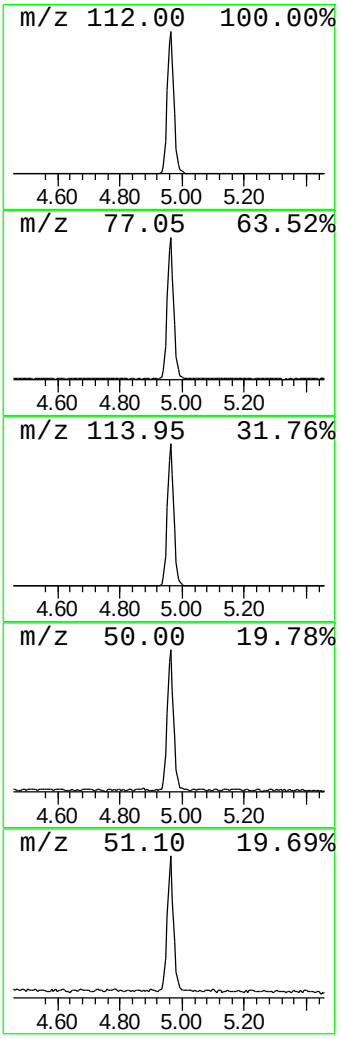
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	5.12 ng/ul	950353	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023510.D
Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

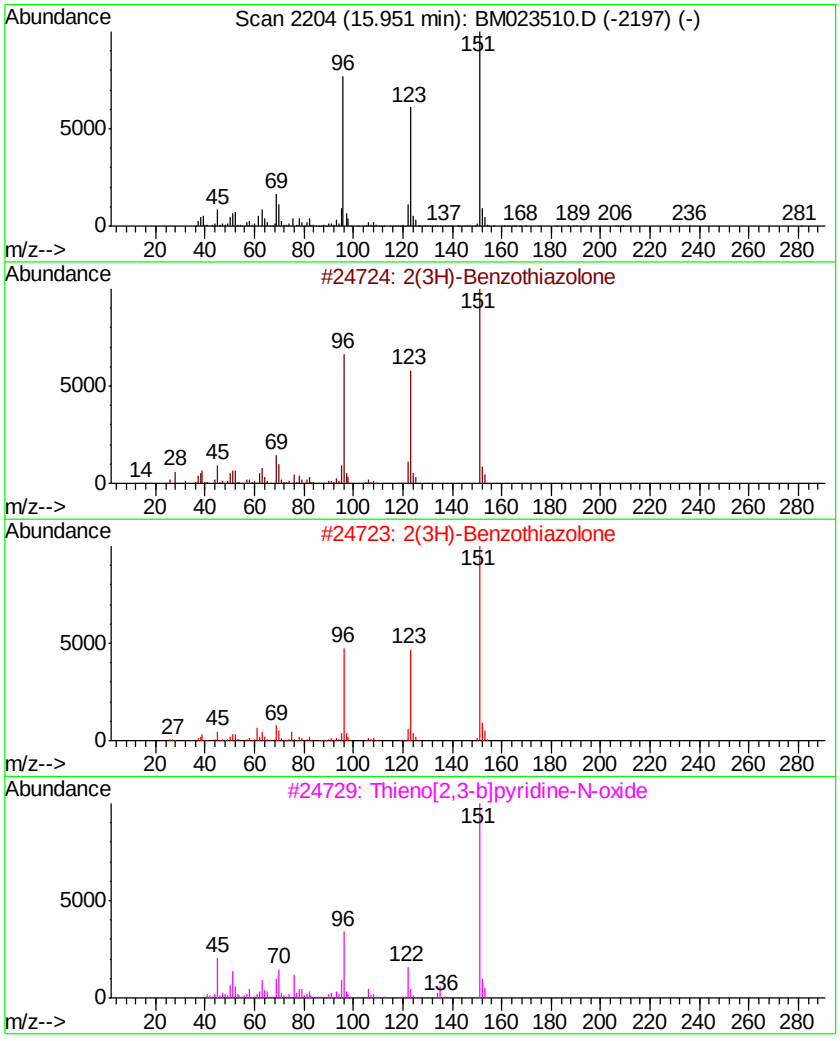
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

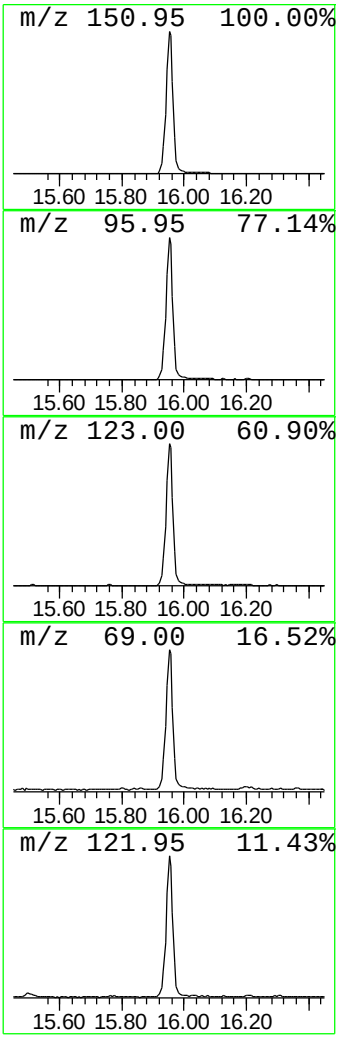
****

Peak Number 2 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	10.03 ng/ul	3736100	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	59
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
5	4-Mercaptoimidazo[4,5-c]pyridine	151	C6H5N3S	034550-51-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

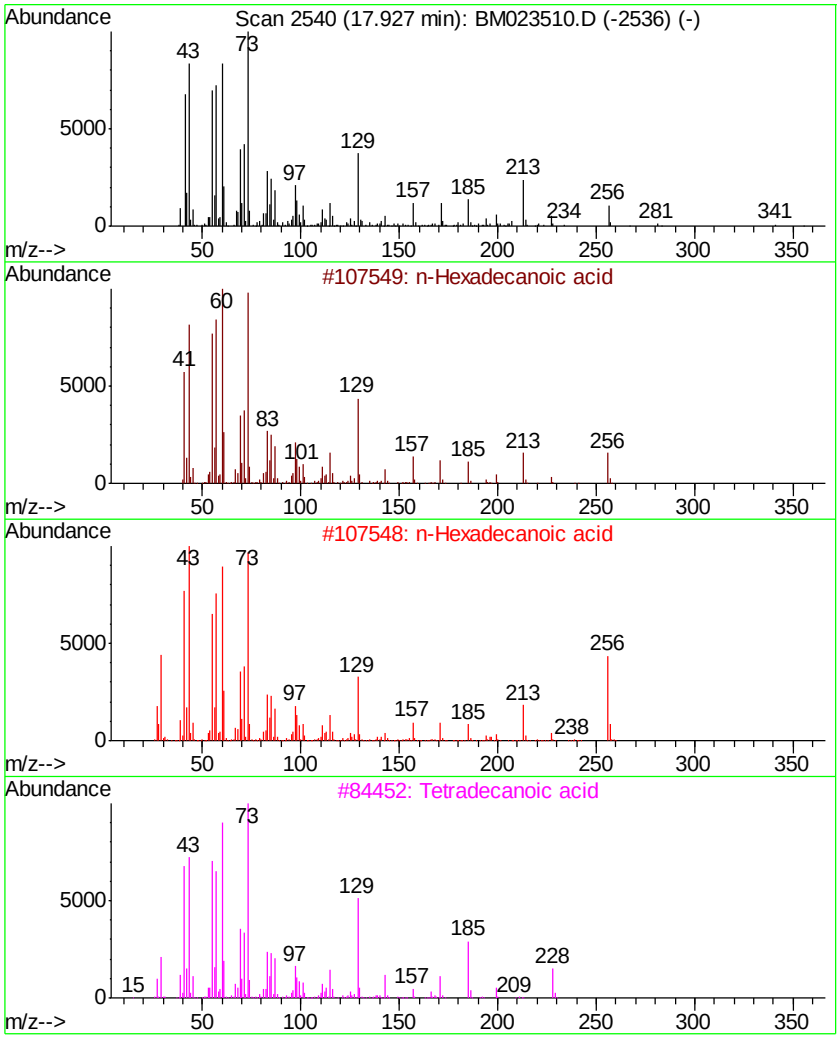
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

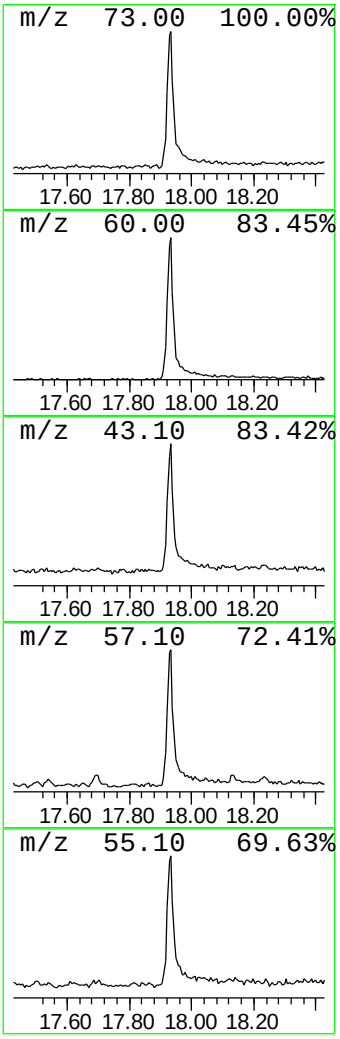
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.42 ng/ul	900447	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

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ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

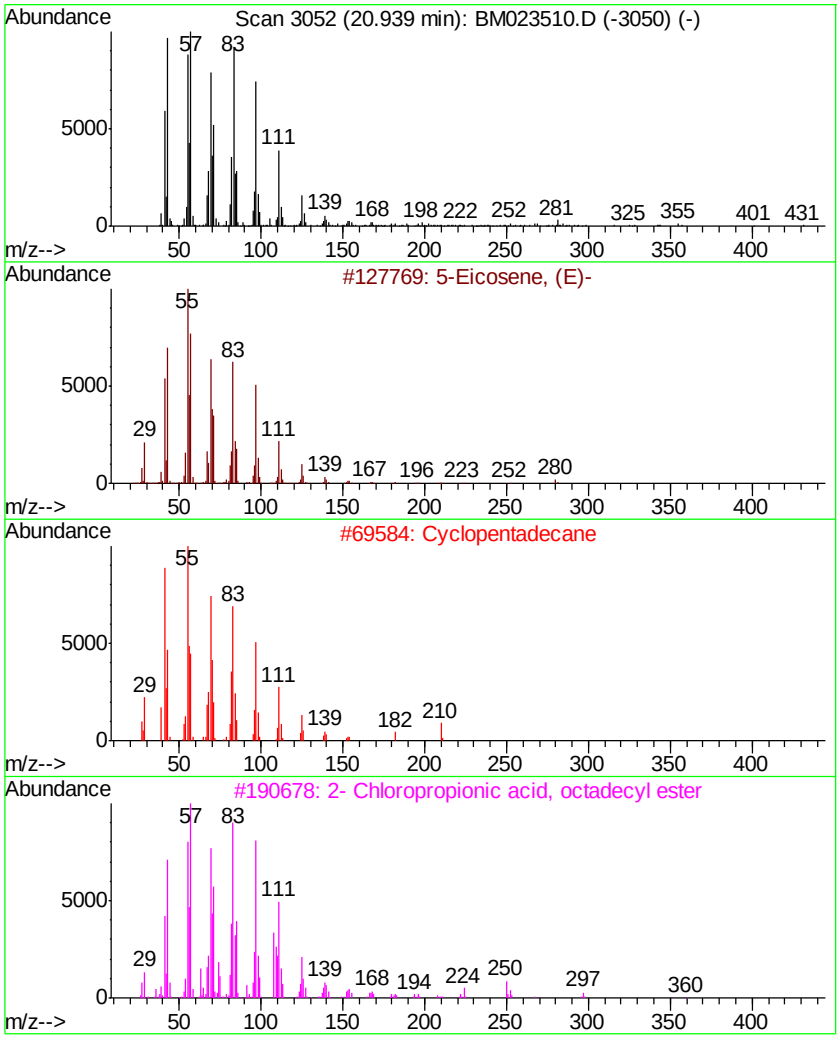
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

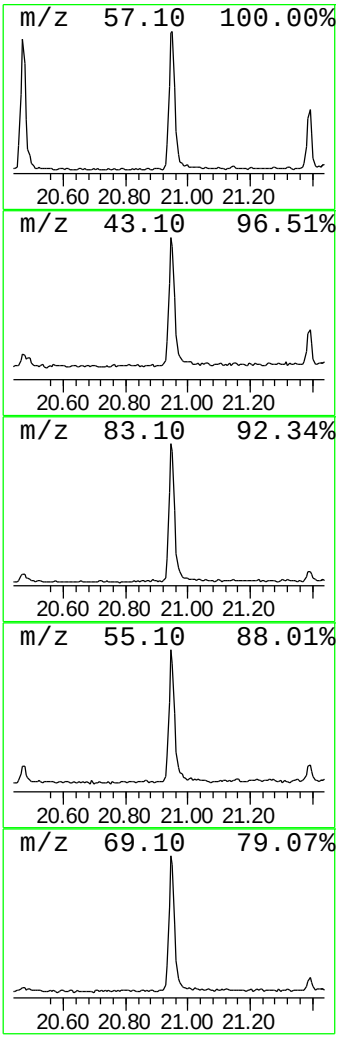
****

Peak Number 4 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.43 ng/ul	1465710	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Library Search Compound Report

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Data File : BM023510.D
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Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

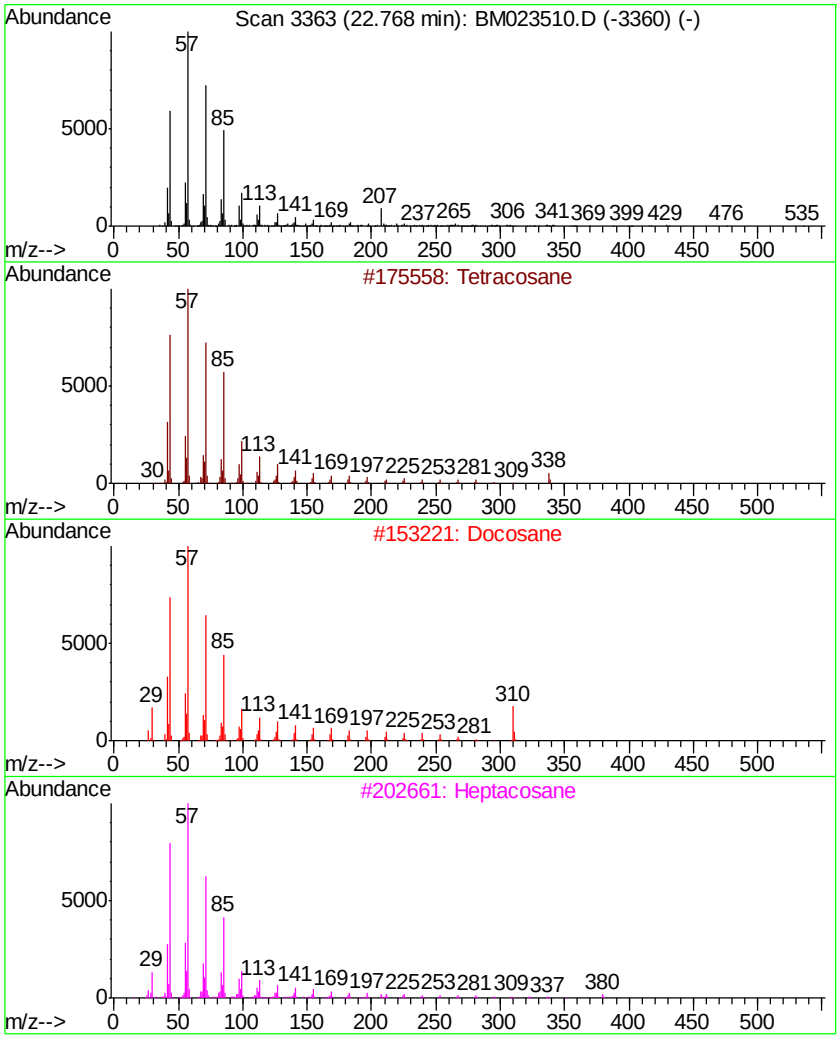
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

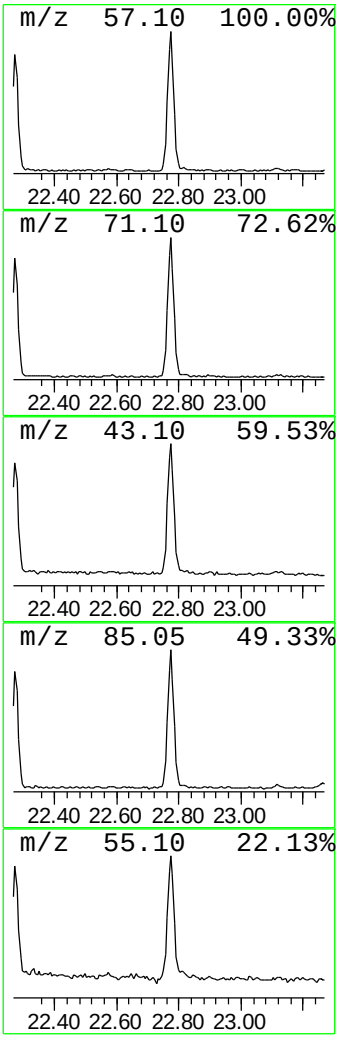
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.92 ng/ul	1198400	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Docosane	310	C22H46	000629-97-0	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

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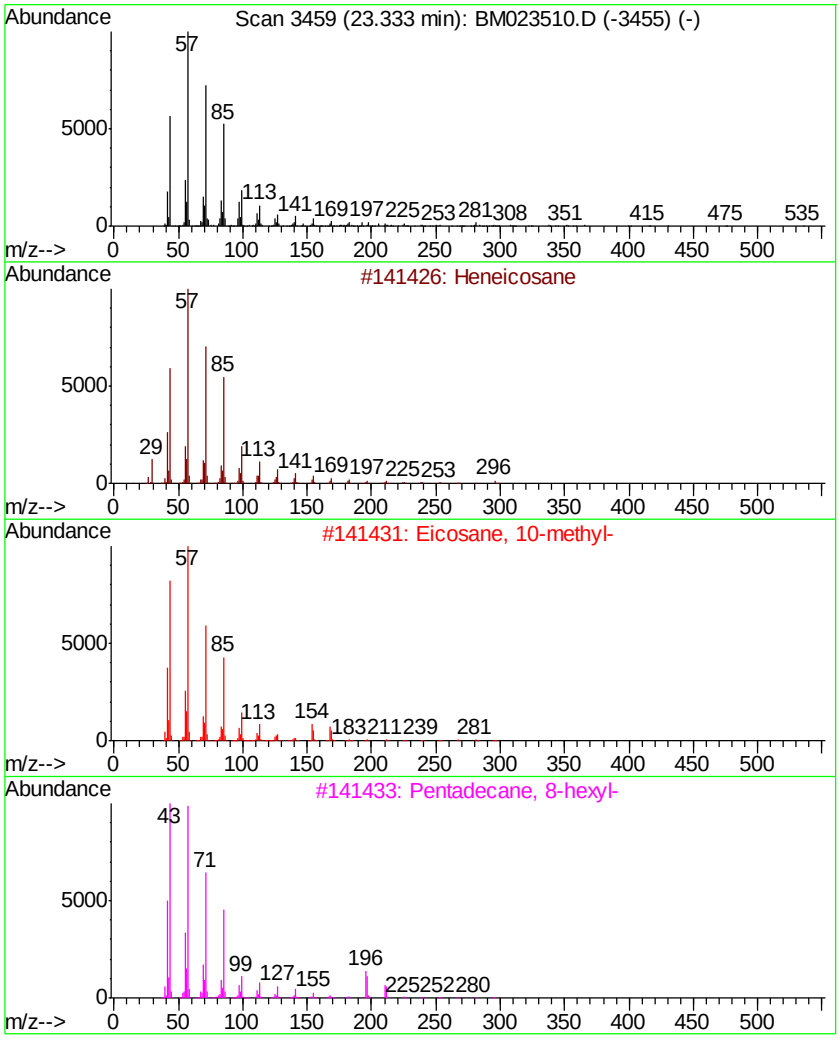
Quant Title : SVOA CALIBRATION

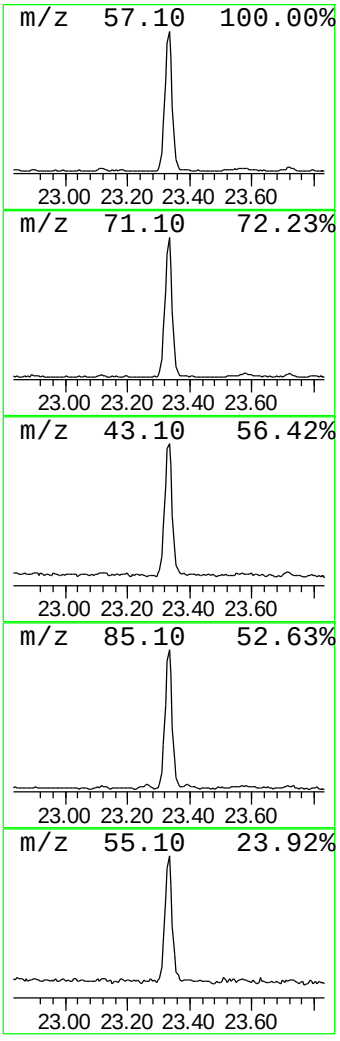
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.89 ng/ul	1188700	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023510.D
Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

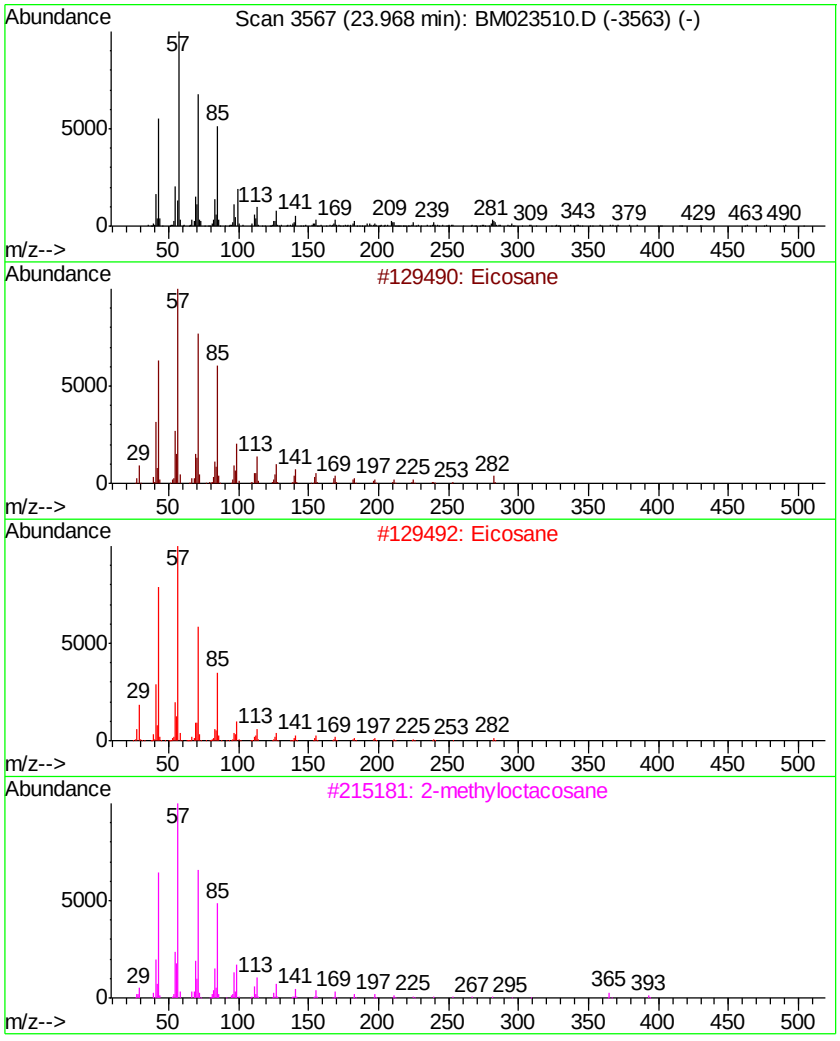
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

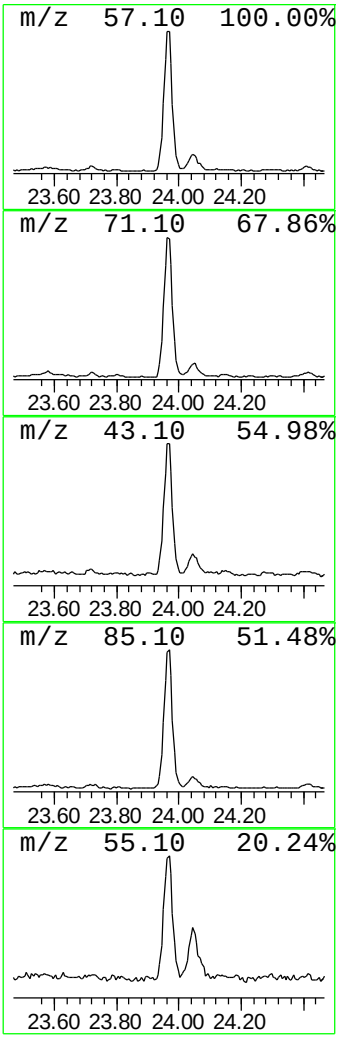
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.86 ng/ul	1175310	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102919\
Data File : BM023510.D
Acq On : 31 Oct 2019 08:38
Operator : JU
Sample : K5487-19
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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, chloro-	4.96	5.1	ng/ul	950353	1	7.62	3712640	20.0
2(3H)-Benzothiazo...	15.95	10.0	ng/ul	3736100	4	17.01	7451860	20.0
n-Hexadecanoic acid	17.93	2.4	ng/ul	900447	4	17.01	7451860	20.0
(DEL) Alkane: Cyc...	20.94	3.4	ng/ul	1465710	5	21.21	8534790	20.0
(DEL) Alkane: Str...	22.77	2.9	ng/ul	1198400	6	23.40	8221680	20.0
(DEL) Alkane: Str...	23.33	2.9	ng/ul	1188700	6	23.40	8221680	20.0
(DEL) Alkane: Str...	23.97	2.9	ng/ul	1175310	6	23.40	8221680	20.0