LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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	2.981	14	16	26	rVB	43084	65718	1.21%	0.130%
2	3.240	55	60	76	rVB	101616	235336	4.33%	0.464%
3	3.675	132	134	141	rVB4	9569	12894	0.24%	0.025%
4	4.570	281	286	290	rBV8	5920	11249	0.21%	0.022%
5	6.428	597	602	611	rBV	44391	78039	1.44%	0.154%
6	6.616	626	634	653	rBV	166446	374363	6.89%	0.738%
7	6.758	653	658	677	rBV	656564	1147457	21.13%	2.261%
8	6.946	682	690	703	rBV2	903587	1734494	31.94%	3.418%
9	7.340	751	757	759	rBV5	6816	10467	0.19%	0.021%
10	7.405	762	768	779	rVV	686342	1116130	20.56%	2.199%
11	7.499	779	784	792	rVB5	12890	29830	0.55%	0.059%
12	8.134	886	892	904	rBV	322530	604297	11.13%	1.191%
13	8.493	950	953	958	rVB6	3564	5556	0.10%	0.011%
14	8.557	958	964	985	rBV	783011	1460458	26.90%	2.878%
15	8.728	988	993	995	rBV4	5645	9615	0.18%	0.019%
16	8.981	1032	1036	1041	rBV2	20973	28621	0.53%	0.056%
17	9.275	1079	1086	1100	rBV	678864	1197537	22.06%	2.360%
18	9.581	1132	1138	1139	rBV2	9429	14248	0.26%	0.028%
19	9.816	1171	1178	1200	rBV	790789	1678435	30.91%	3.308%
20	10.169	1231	1238	1251	rBV	938574	1575448	29.02%	3.105%
21	10.287	1254	1258	1263	rVB3	8159	14173	0.26%	0.028%
22	10.428	1278	1282	1285	rVV5	3291	5510	0.10%	0.011%
23	10.640	1315	1318	1324	rVB6	5831	8122	0.15%	0.016%
24	10.957	1367	1372	1375	rBV6	3862	7080	0.13%	0.014%
25	11.034	1380	1385	1392	rVV8	13754	36331	0.67%	0.072%
26	11.087	1392	1394	1399	rVB3	4419	6517	0.12%	0.013%
27	11.281	1422	1427	1432	rVB7	4635	8591	0.16%	0.017%
28	11.369	1437	1442	1449	rVB5	13572	24954	0.46%	0.049%
29	11.734	1497	1504	1508	rVB6	11210	21018	0.39%	0.041%
30	11.787	1508	1513	1523	rBV5	12297	30538	0.56%	0.060%
31	12.116	1565	1569	1576	rVV4	9780	16706	0.31%	0.033%
32	12.375	1607	1613	1614	rBV5	6006	9050	0.17%	0.018%
33	12.604	1646	1652	1654	rVV4	5493	6856	0.13%	0.014%
34	12.881	1694	1699	1705	rBV7	5388	11453	0.21%	0.023%

LSC Area Percent Report

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Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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	12.981	1712	1716	1718	rBV4	12987	17771	0.33%	0.035%
36	13.057	1725	1729	1732	rBV5	4956	5576	0.10%	0.011%
37	13.228	1753	1758	1760	rBV3	7455	11711	0.22%	0.023%
38	13.251	1760	1762	1768	rVB5	8096	12652	0.23%	0.025%
39	13.381	1780	1784	1789	rVB3	12915	21610	0.40%	0.043%
40	13.445	1791	1795	1798	rBV3	13788	19088	0.35%	0.038%
41	13.498	1798	1804	1809	rBV	1889273	2710500	49.92%	5.341%
42	13.545	1809	1812	1817	rVB	59710	89385	1.65%	0.176%
43	13.622	1822	1825	1828	rVV5	8325	13558	0.25%	0.027%
44	13.657	1828	1831	1835	rVB4	9651	11659	0.21%	0.023%
45	13.757	1841	1848	1864	rBV	2231754	3202394	58.98%	6.311%
46	13.992	1885	1888	1892	rVB7	3598	5810	0.11%	0.011%
47	14.069	1895	1901	1907	rBV2	1395835	2000494	36.84%	3.942%
48	14.304	1934	1941	1945	rBV6	6115	15892	0.29%	0.031%
49	14.369	1945	1952	1965	rBV3	63483	202329	3.73%	0.399%
50	14.487	1970	1972	1978	rVV5	20495	31628	0.58%	0.062%
51	14.563	1981	1985	1990	rVB3	16373	29183	0.54%	0.058%
52	14.704	2004	2009	2014	rBV4	13878	24101	0.44%	0.047%
53	14.751	2015	2017	2022	rVB3	10426	14144	0.26%	0.028%
54	14.857	2031	2035	2036	rBV3	8133	8314	0.15%	0.016%
55	14.898	2039	2042	2047	rVB7	7260	13401	0.25%	0.026%
56	15.075	2065	2072	2083	rVV	2919611	4195871	77.28%	8.269%
57	15.157	2083	2086	2093	rVV7	18331	38754	0.71%	0.076%
58	15.234	2093	2099	2109	rVV	759355	1245811	22.94%	2.455%
59	15.316	2110	2113	2117	rVV	42415	60830	1.12%	0.120%
60	15.351	2117	2119	2126	rVB8	9150	15907	0.29%	0.031%
61	15.416	2126	2130	2131	rBV4	5140	5657	0.10%	0.011%
62	15.557	2150	2154	2158	rVB6	3799	6302	0.12%	0.012%
63	15.645	2166	2169	2174	rBV5	4545	7373	0.14%	0.015%
64	15.816	2195	2198	2201	rBV5	5944	8643	0.16%	0.017%
65	15.863	2201	2206	2211	rVB6	10597	15975	0.29%	0.031%
66	15.945	2217	2220	2226	rBV7	3823	6014	0.11%	0.012%
67	16.198	2258	2263	2266	rBV3	19345	26527	0.49%	0.052%
68	16.386	2291	2295	2302	rVB8	20890	37712	0.69%	0.074%
69	16.622	2331	2335	2341	rBV5	9881	15908	0.29%	0.031%
70	16.828	2364	2370	2381	rBV	1666171	2355317	43.38%	4.641%
71	16.928	2381	2387	2402	rVV2	2706977	3882483	71.50%	7.651%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFF13

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

72	17.033	2403	2405	2411	rVB6	12950	17146	0.32%	0.034%
73	17.351	2456	2459	2462	rBV5	4797	6423	0.12%	0.013%
74	17.751	2523	2527	2537	rBV	178965	285849	5.26%	0.563%
75	17.945	2557	2560	2562	rBV4	5362	7448	0.14%	0.015%
76	18.045	2575	2577	2579	rBV2	7375	7849	0.14%	0.015%
77	18.075	2579	2582	2590	rVV2	34290	60894	1.12%	0.120%
78	18.133	2590	2592	2596	rVB5	5962	8263	0.15%	0.016%
79	18.245	2608	2611	2619	rVB7	10436	17048	0.31%	0.034%
80	18.698	2685	2688	2692	rBV6	6612	9861	0.18%	0.019%
81	18.874	2714	2718	2721	rBV	34632	40577	0.75%	0.080%
82	19.051	2744	2748	2756	rBV3	104680	155802	2.87%	0.307%
83	19.127	2758	2761	2767	rVB	35241	43849	0.81%	0.086%
84	19.239	2774	2780	2791	rBV	3554624	4819599	88.76%	9.498%
85	19.339	2793	2797	2805	rVB2	46415	87442	1.61%	0.172%
86	20.786	3039	3043	3051	rBV	314573	459505	8.46%	0.906%
87	21.051	3083	3088	3098	rBV	1923760	2641464	48.65%	5.205%
88	21.227	3115	3118	3122	rVB2	111744	117503	2.16%	0.232%
89	21.645	3186	3189	3196	rVB	195879	220133	4.05%	0.434%
90	22.080	3260	3263	3269	rVB	317222	367732	6.77%	0.725%
91	22.551	3340	3343	3349	rVB	356658	475547	8.76%	0.937%
92	23.039	3419	3426	3431	rBV	2997266	5429713	100.00%	10.700%
93	23.168	3442	3448	3457	rVB	1603145	2900921	53.43%	5.717%
94	23.674	3530	3534	3542	rVB	352111	580817	10.70%	1.145%

Sum of corrected areas: 50744760

LSC Report - Integrated Chromatogram

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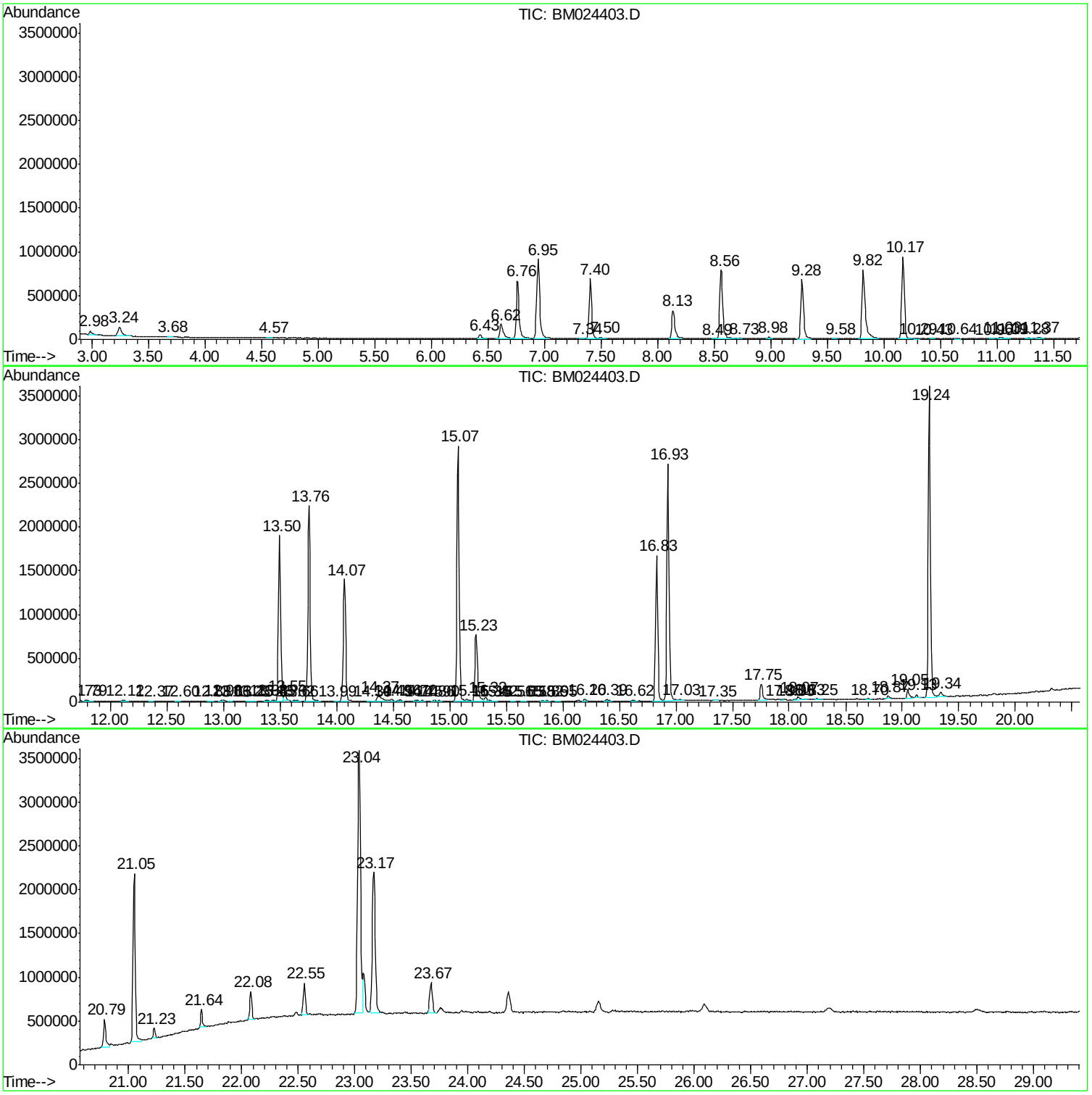
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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

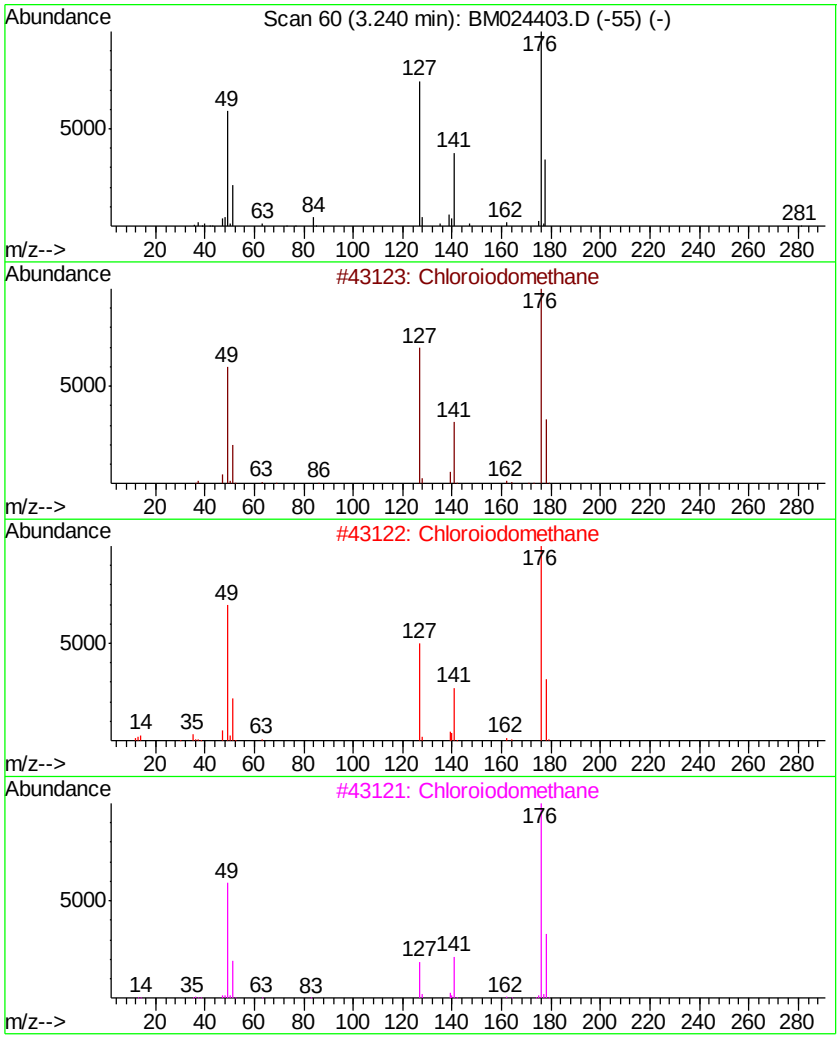
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

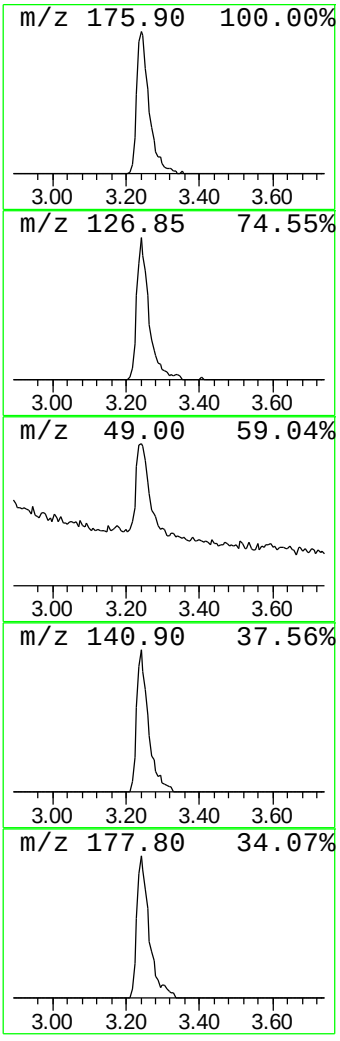
****

Peak Number 1 Chloroiodomethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	4.22 ng/ul	235336	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroiodomethane	176	CH2ClI	000593-71-5	95
2	Chloroiodomethane	176	CH2ClI	000593-71-5	80
3	Chloroiodomethane	176	CH2ClI	000593-71-5	72
4	3,4-Dichlorobutane nitrile	137	C4H5Cl2N	034362-21-5	25
5	Methane, bromochloro-	128	CH2BrCl	000074-97-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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

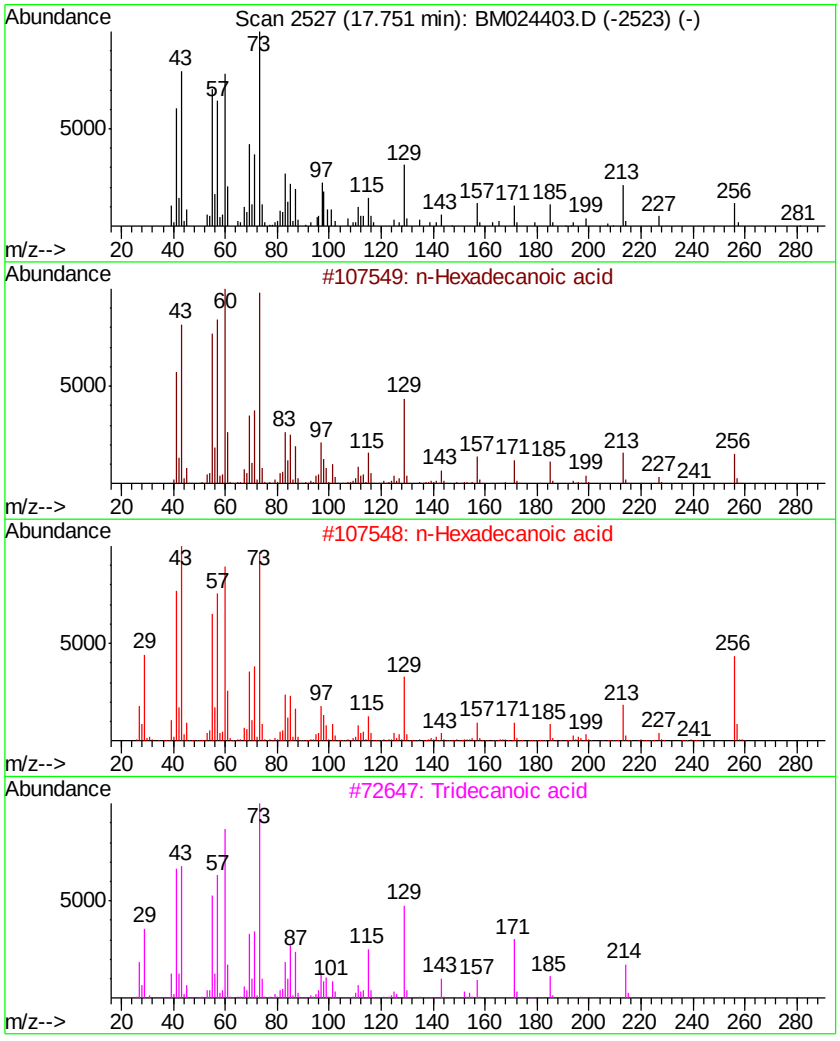
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

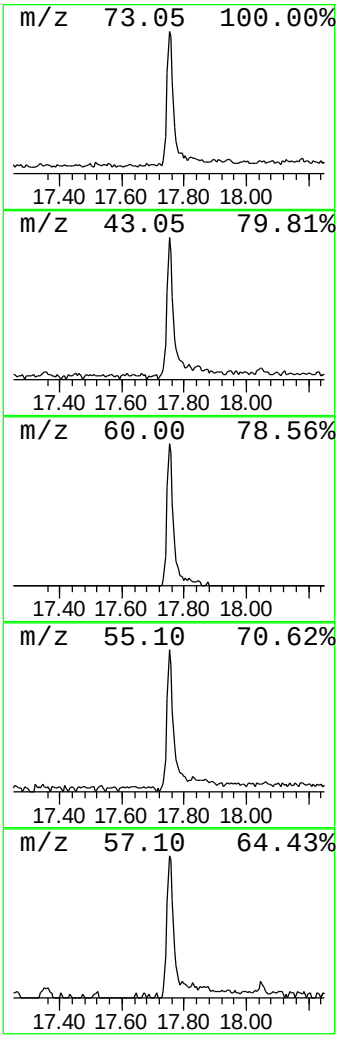
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.43 ng/ul	285849	Phenanthrene-d10	16.83

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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

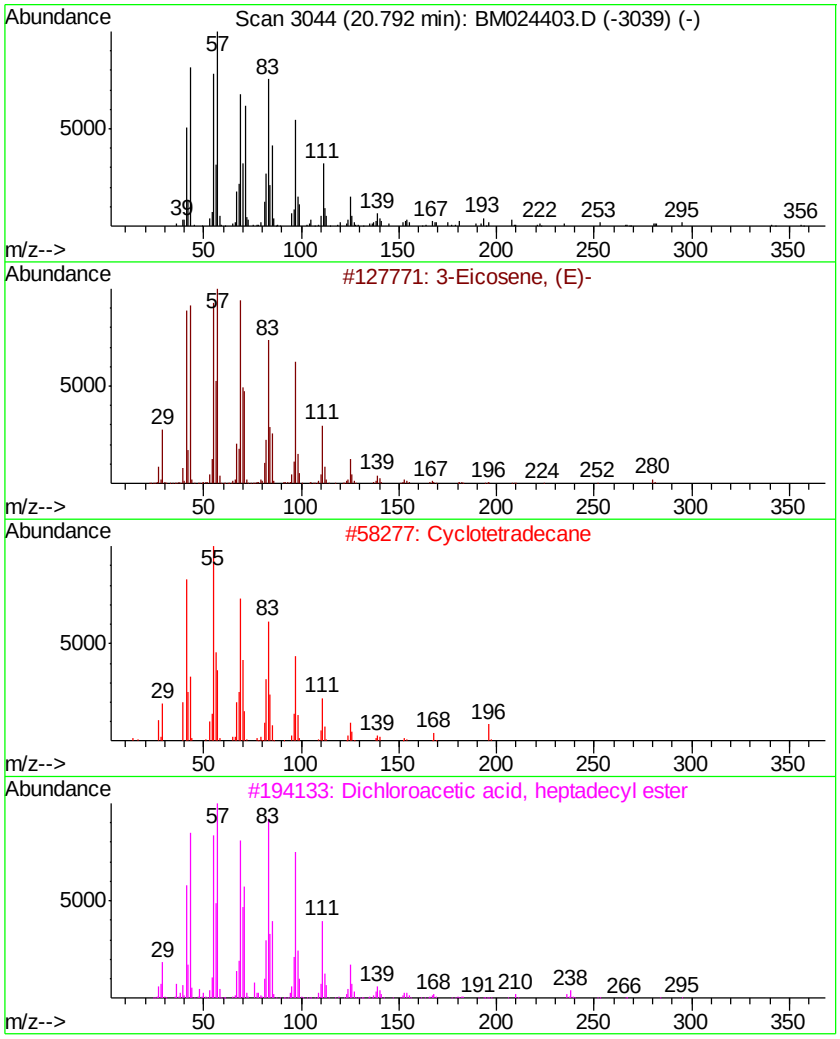
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

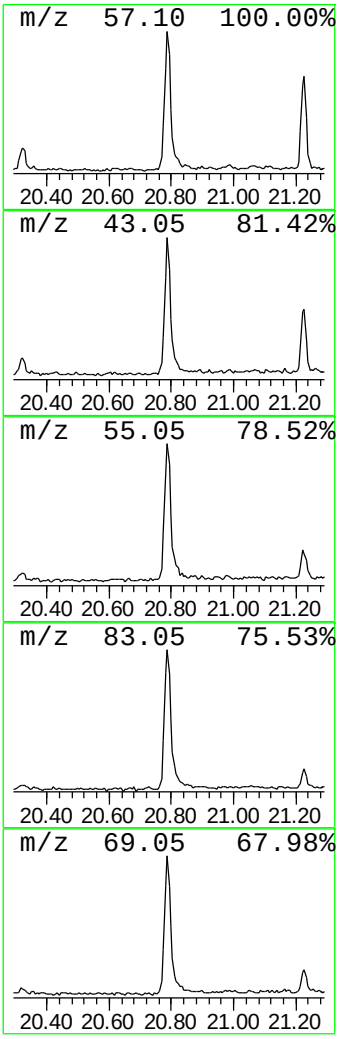
****

Peak Number 3 (DEL) Alkane: Cyclic20.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.48 ng/ul	459505	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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

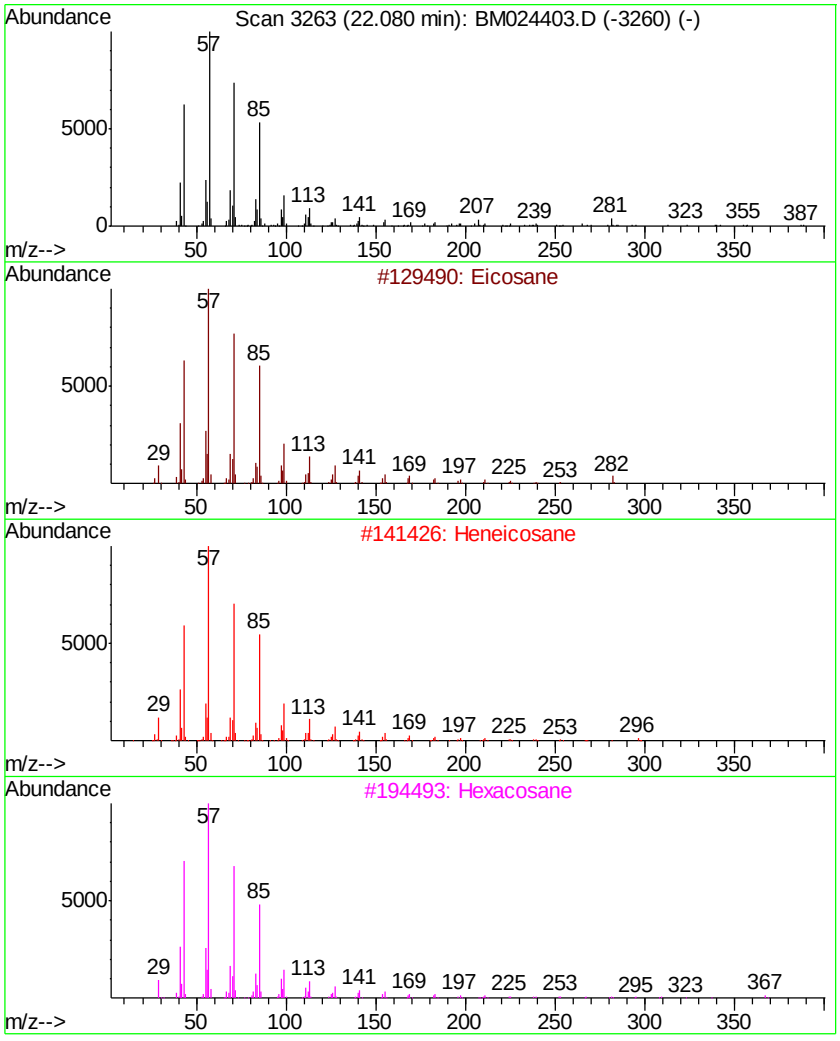
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

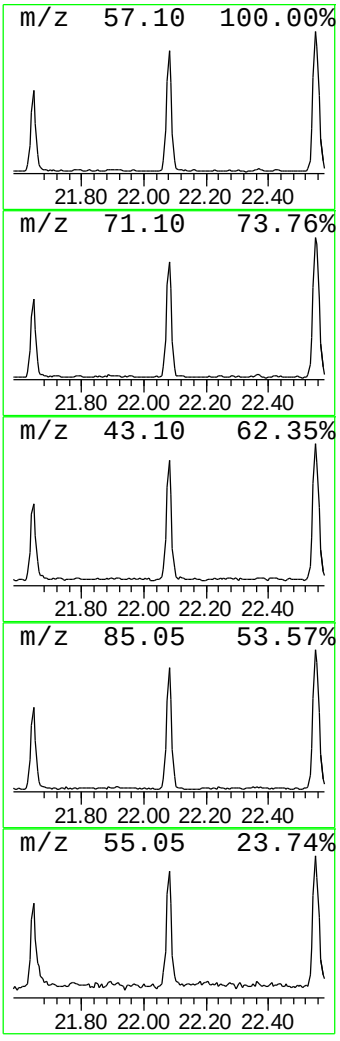
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.78 ng/ul	367732	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Eicosane	282	C20H42	000112-95-8	87





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Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
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Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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

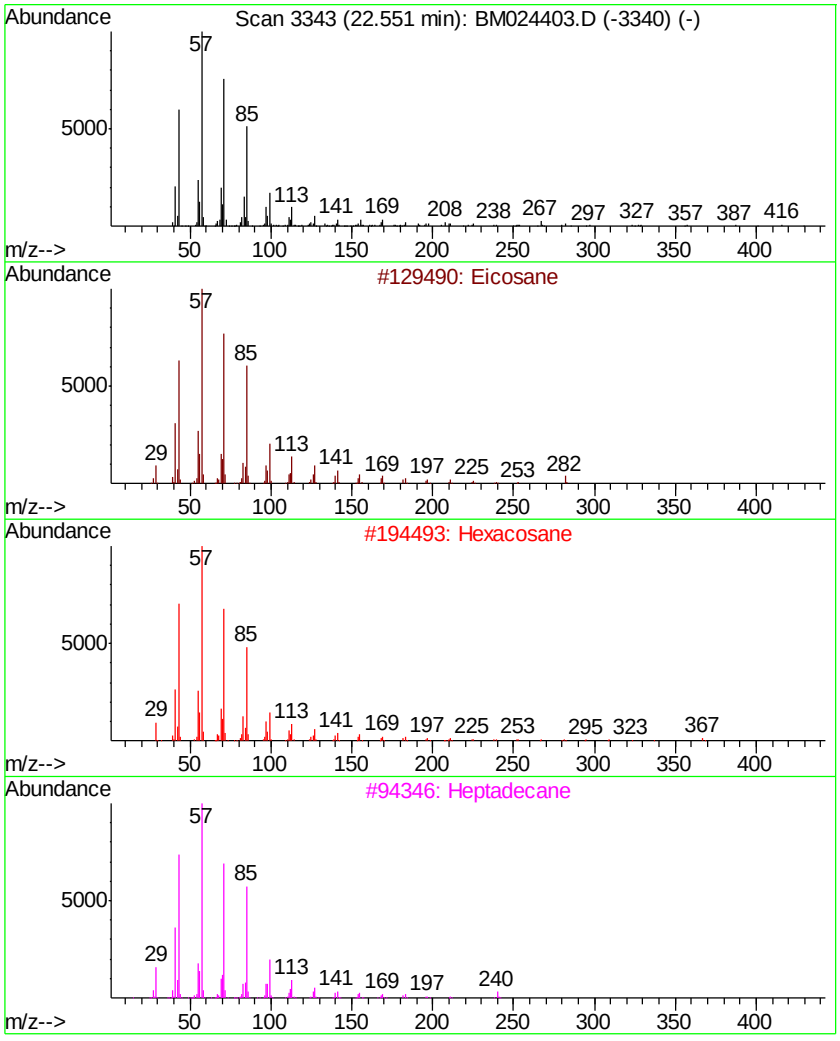
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

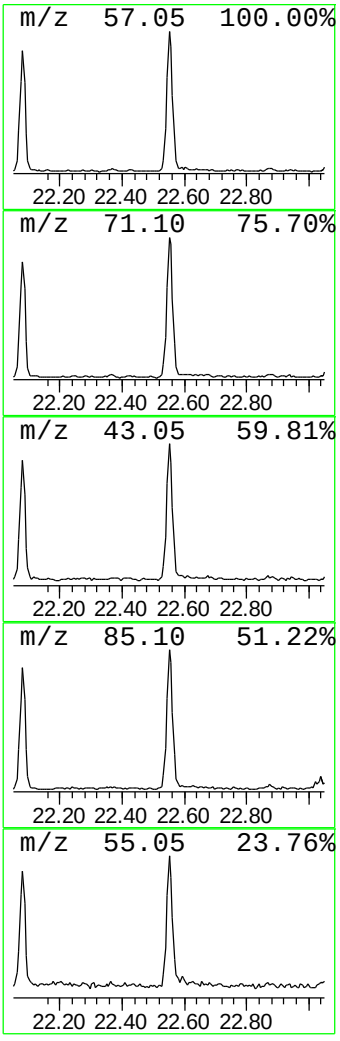
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	3.28 ng/ul	475547	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

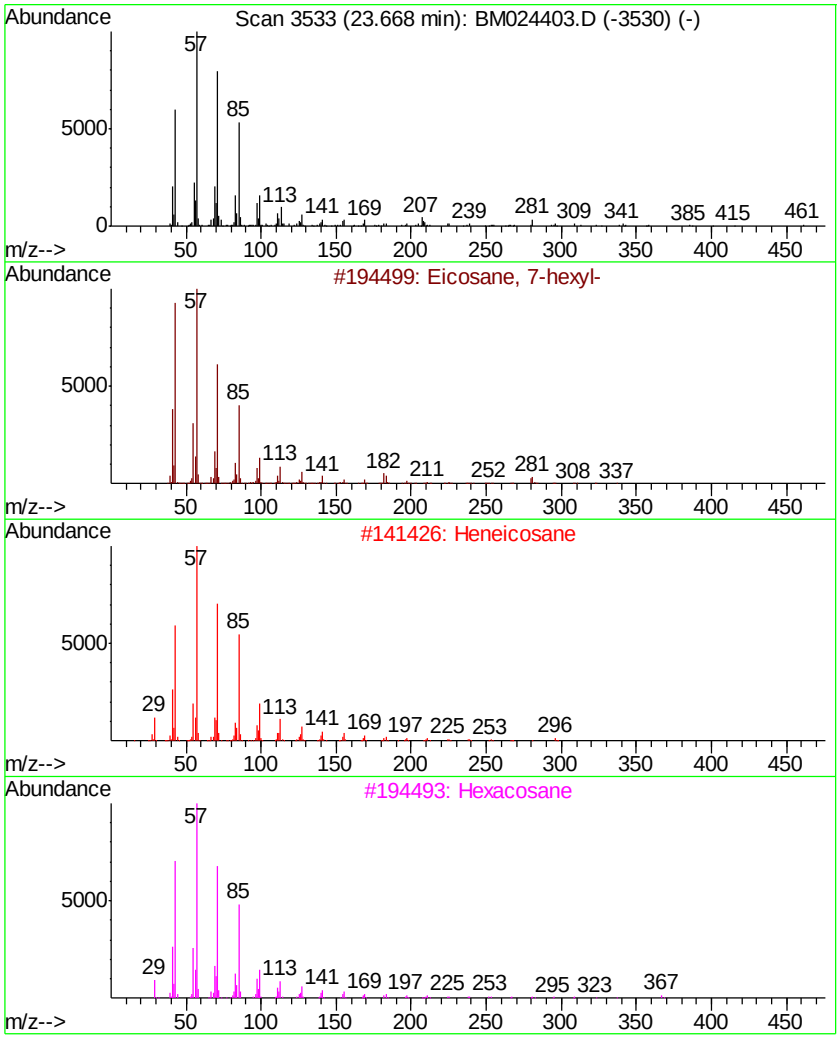
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

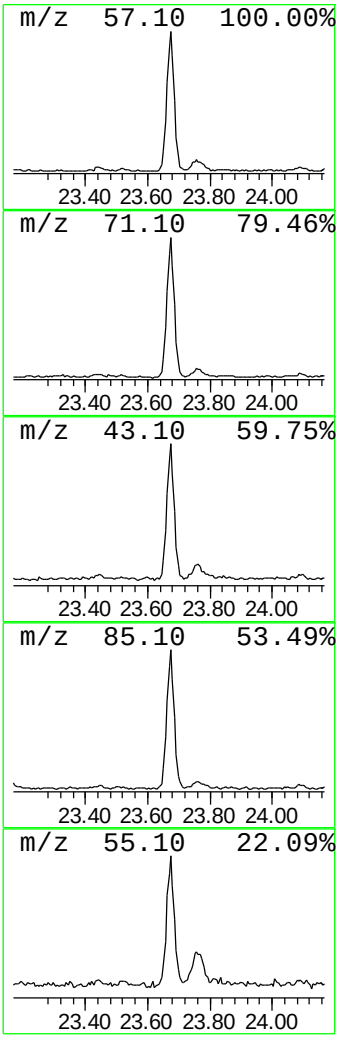
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.00 ng/ul	580817	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123119\
Data File : BM024403.D
Acq On : 31 Dec 2019 19:28
Operator : JU
Sample : K6314-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF13

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
Chloroiodomethane	3.24	4.2	ng/ul	235336	1	7.40	1116130	20.0
n-Hexadecanoic acid	17.75	2.4	ng/ul	285849	4	16.83	2355320	20.0
(DEL) Alkane: Cyc...	20.79	3.5	ng/ul	459505	5	21.05	2641460	20.0
(DEL) Alkane: Str...	22.08	2.8	ng/ul	367732	5	21.05	2641460	20.0
(DEL) Alkane: Str...	22.55	3.3	ng/ul	475547	6	23.17	2900920	20.0
(DEL) Alkane: Str...	23.67	4.0	ng/ul	580817	6	23.17	2900920	20.0