LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

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-BM031420MA.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	11	15	32	rVB	1753254	2182810	86.70%	6.728%
2	3.223	54	57	67	rVB	22506	36285	1.44%	0.112%
3	3.293	67	69	73	rVV4	3112	3540	0.14%	0.011%
4	3.352	77	79	84	rBV4	4213	5960	0.24%	0.018%
5	3.617	122	124	126	rVB2	2843	2842	0.11%	0.009%
6	3.646	126	129	130	rBV3	2387	2699	0.11%	0.008%
7	3.840	155	162	170	rBV2	12662	25286	1.00%	0.078%
8	3.922	173	176	182	rBV2	5371	8946	0.36%	0.028%
9	4.334	243	246	250	rVB4	2502	4188	0.17%	0.013%
10	4.458	264	267	273	rBV5	4381	5366	0.21%	0.017%
11	4.811	323	327	334	rBV	27472	44755	1.78%	0.138%
12	5.658	469	471	476	rBV3	2569	3349	0.13%	0.010%
13	6.334	582	586	592	rVB5	2347	3354	0.13%	0.010%
14	6.816	658	668	679	rBV	360739	606241	24.08%	1.869%
15	6.981	689	696	706	rBV	261469	407918	16.20%	1.257%
16	7.175	723	729	740	rVB	368918	557350	22.14%	1.718%
17	7.293	745	749	755	rBV5	6826	15607	0.62%	0.048%
18	7.640	801	808	815	rVV	494862	786070	31.22%	2.423%
19	7.716	817	821	827	rVB5	8497	12596	0.50%	0.039%
20	7.787	827	833	834	rBV4	1899	2857	0.11%	0.009%
21	8.340	921	927	937	rVV	431506	669244	26.58%	2.063%
22	8.452	941	946	953	rVB3	18214	29674	1.18%	0.091%
23	8.775	993	1001	1013	rVB	319796	523718	20.80%	1.614%
24	8.899	1018	1022	1027	rBV5	2901	5951	0.24%	0.018%
25	9.252	1078	1082	1090	rBV3	7957	11676	0.46%	0.036%
26	9.493	1115	1123	1131	rBV	257353	404093	16.05%	1.246%
27	9.851	1179	1184	1191	rBV4	5748	10393	0.41%	0.032%
28	10.028	1208	1214	1224	rVB	435044	704284	27.97%	2.171%
29	10.404	1270	1278	1285	rBV	696914	1127803	44.80%	3.476%
30	10.540	1295	1301	1316	rBV	395112	667814	26.53%	2.058%
31	11.304	1427	1431	1434	rVB4	2041	3107	0.12%	0.010%
32	11.998	1545	1549	1557	rVB4	6268	9929	0.39%	0.031%
33	12.616	1652	1654	1659	rVB3	2985	3742	0.15%	0.012%
34	12.834	1689	1691	1696	rVB3	1890	2748	0.11%	0.008%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

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-BM031420MA.M
Title : SVOA CALIBRATION

35	13.116	1737	1739	1743	rBV2	4559	6070	0.24%	0.019%
36	13.181	1745	1750	1756	rBV2	94061	141124	5.61%	0.435%
37	13.681	1828	1835	1839	rBV	822596	1125452	44.70%	3.469%
38	13.728	1839	1843	1850	rVB	350164	481729	19.13%	1.485%
39	13.957	1875	1882	1894	rBV	908222	1304943	51.83%	4.022%
40	14.198	1921	1923	1925	rVB2	4172	3856	0.15%	0.012%
41	14.269	1928	1935	1942	rVB2	1056691	1582100	62.84%	4.877%
42	14.469	1962	1969	1979	rBV	331848	479405	19.04%	1.478%
43	14.539	1979	1981	1990	rVB5	4789	8628	0.34%	0.027%
44	14.716	2004	2011	2023	rBV	235462	373327	14.83%	1.151%
45	14.981	2054	2056	2060	rBV4	2566	2684	0.11%	0.008%
46	15.104	2074	2077	2082	rVB5	2426	3048	0.12%	0.009%
47	15.157	2082	2086	2090	rVB6	3183	4401	0.17%	0.014%
48	15.263	2098	2104	2110	rVB	1229504	1671182	66.38%	5.151%
49	15.381	2120	2124	2130	rBV	155674	228149	9.06%	0.703%
50	15.504	2140	2145	2150	rVB	13652	19201	0.76%	0.059%
51	15.569	2153	2156	2157	rVB2	2760	2561	0.10%	0.008%
52	15.863	2204	2206	2209	rVB2	3292	3139	0.12%	0.010%
53	15.963	2219	2223	2228	rVV3	7641	11725	0.47%	0.036%
54	16.039	2232	2236	2237	rVV3	3806	4734	0.19%	0.015%
55	16.057	2237	2239	2243	rVV4	4691	6201	0.25%	0.019%
56	16.375	2289	2293	2297	rBV5	3619	4876	0.19%	0.015%
57	16.798	2363	2365	2374	rVB6	7472	11035	0.44%	0.034%
58	16.933	2382	2388	2390	rBV4	2803	5625	0.22%	0.017%
59	17.010	2395	2401	2411	rVV	1395960	1917516	76.17%	5.910%
60	17.110	2412	2418	2429	rVB	1355847	1852460	73.58%	5.710%
61	17.263	2442	2444	2448	rBV4	2281	3010	0.12%	0.009%
62	17.427	2466	2472	2479	rVB2	46540	73235	2.91%	0.226%
63	17.545	2489	2492	2496	rVB3	4635	6102	0.24%	0.019%
64	17.786	2529	2533	2535	rBV4	2488	3453	0.14%	0.011%
65	17.892	2549	2551	2552	rBV	4043	3698	0.15%	0.011%
66	17.927	2552	2557	2562	rVV	101538	139636	5.55%	0.430%
67	17.974	2562	2565	2575	rVV5	14680	35829	1.42%	0.110%
68	18.045	2575	2577	2578	rVV2	3867	2929	0.12%	0.009%
69	18.074	2578	2582	2587	rVB5	3497	7604	0.30%	0.023%
70	18.239	2606	2610	2614	rBV6	7779	11405	0.45%	0.035%
71	18.298	2617	2620	2623	rVB5	4632	6374	0.25%	0.020%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

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-BM031420MA.M
Title : SVOA CALIBRATION

72	18.369	2626	2632	2636	rVB4	13455	15967	0.63%	0.049%
73	18.439	2639	2644	2647	rBV6	4005	7454	0.30%	0.023%
74	18.486	2649	2652	2657	rVV4	3175	5356	0.21%	0.017%
75	18.610	2670	2673	2677	rBV5	4659	7036	0.28%	0.022%
76	18.716	2686	2691	2695	rBV5	4157	8681	0.34%	0.027%
77	18.798	2702	2705	2709	rBV5	5184	7321	0.29%	0.023%
78	18.833	2709	2711	2712	rBV	4268	2632	0.10%	0.008%
79	18.874	2714	2718	2723	rBV5	12635	19591	0.78%	0.060%
80	19.039	2743	2746	2748	rBV2	13175	15400	0.61%	0.047%
81	19.069	2748	2751	2758	rVB	22970	32825	1.30%	0.101%
82	19.216	2771	2776	2782	rBV5	32878	48559	1.93%	0.150%
83	19.263	2782	2784	2785	rVV2	5637	4539	0.18%	0.014%
84	19.292	2787	2789	2793	rVB	13787	15825	0.63%	0.049%
85	19.404	2802	2808	2816	rBV	1672273	2314366	91.93%	7.134%
86	19.586	2837	2839	2841	rBV3	6093	4283	0.17%	0.013%
87	19.992	2905	2908	2912	rBV4	16127	17613	0.70%	0.054%
88	20.486	2990	2992	2996	rVB5	22057	20922	0.83%	0.064%
89	20.939	3065	3069	3074	rBV	317440	387511	15.39%	1.194%
90	21.204	3108	3114	3119	rBV	1751341	2301242	91.41%	7.093%
91	21.386	3142	3145	3151	rBV2	77903	87274	3.47%	0.269%
92	21.815	3215	3218	3223	rVB2	153771	192290	7.64%	0.593%
93	22.268	3291	3295	3298	rBV	166066	205690	8.17%	0.634%
94	22.757	3375	3378	3383	rVB	223543	268161	10.65%	0.827%
95	23.245	3454	3461	3467	rBV	1452845	2517560	100.00%	7.760%
96	23.309	3468	3472	3477	rVV	248463	373143	14.82%	1.150%
97	23.380	3478	3484	3493	rVB2	1406251	2482405	98.60%	7.652%
98	23.933	3574	3578	3585	rVB	220509	363546	14.44%	1.121%
99	24.651	3697	3700	3707	rVB	155714	275381	10.94%	0.849%

Sum of corrected areas: 32443214

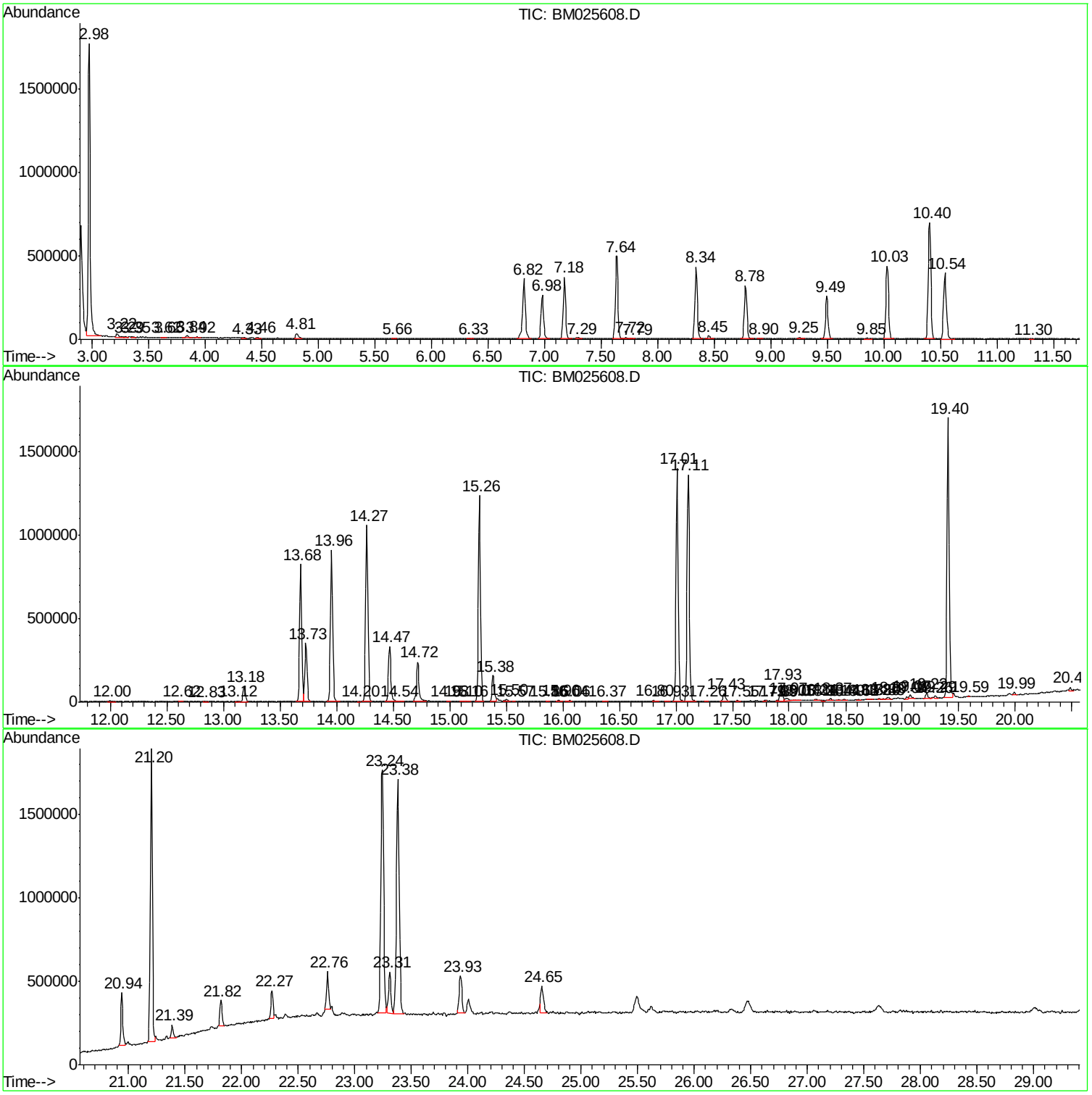
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

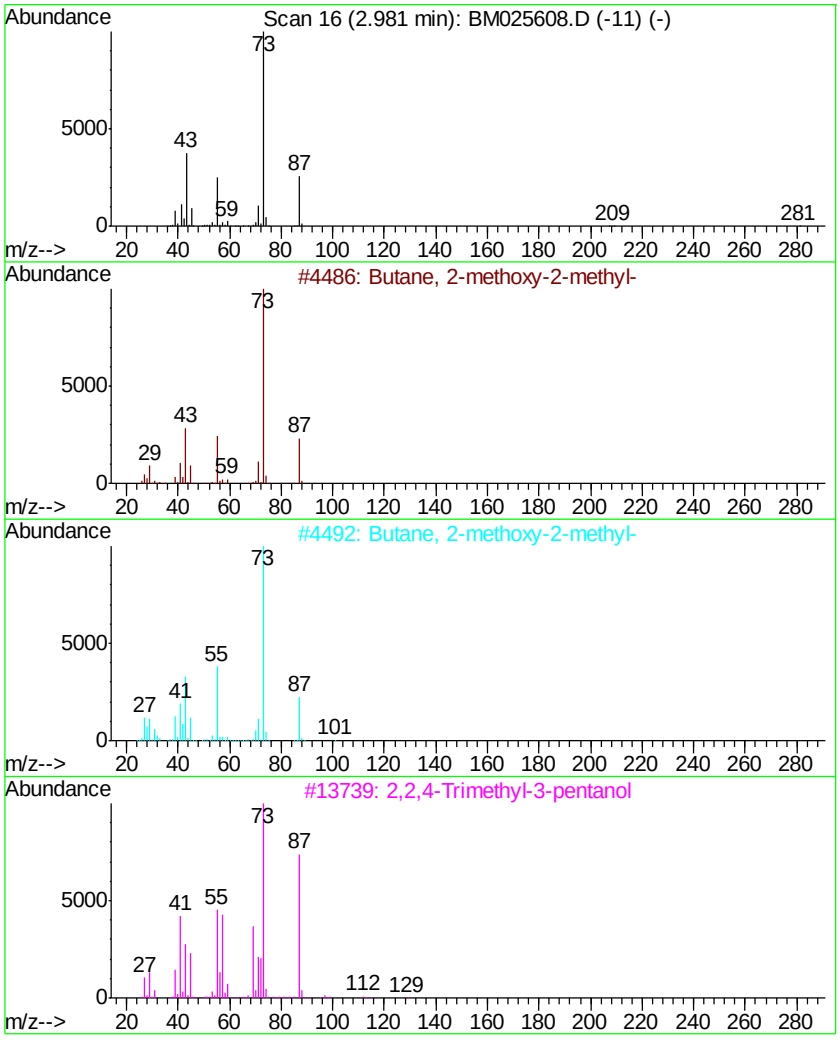
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

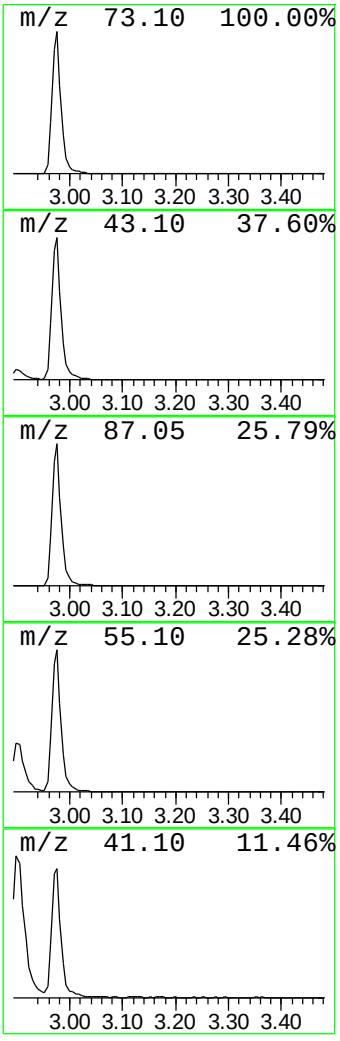
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	55.54 ng/ul	2182810	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

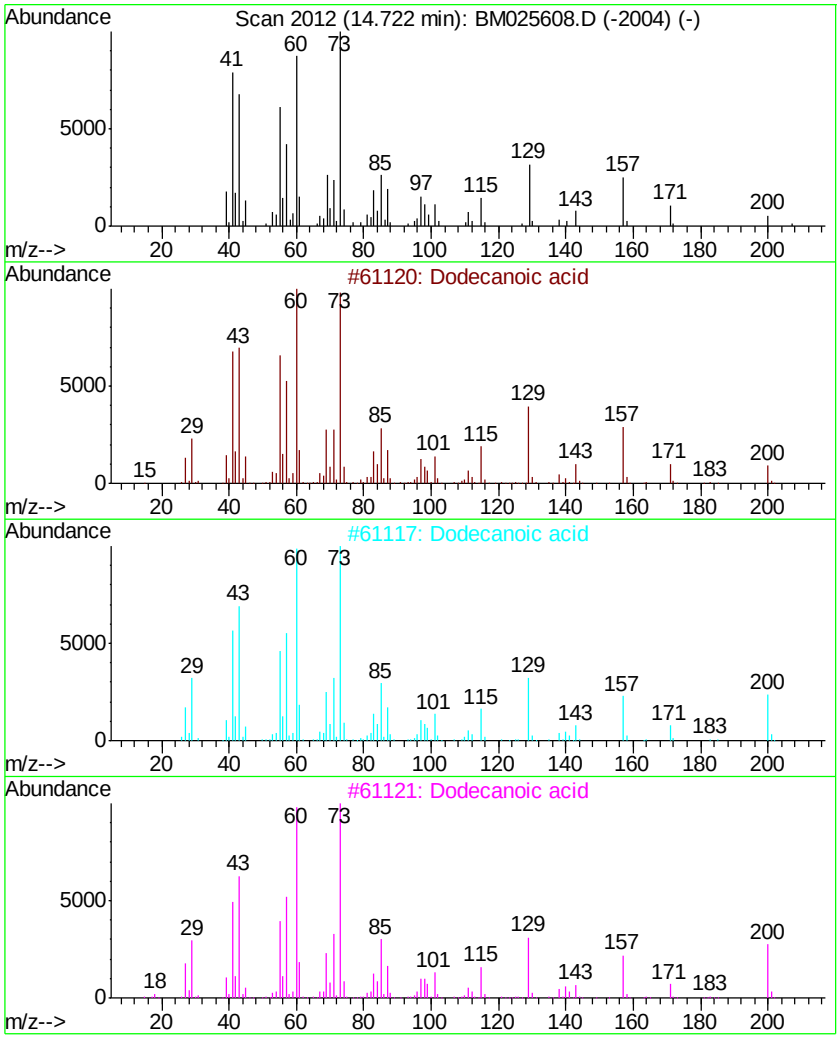
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

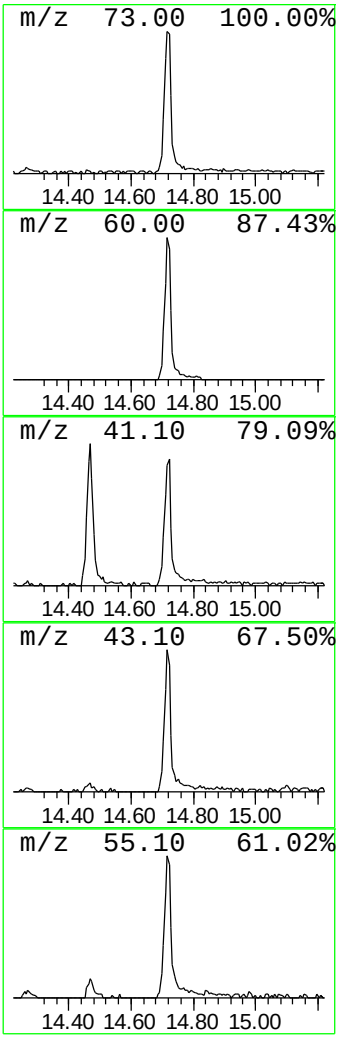
****

Peak Number 2 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.72 ng/ul	373327	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

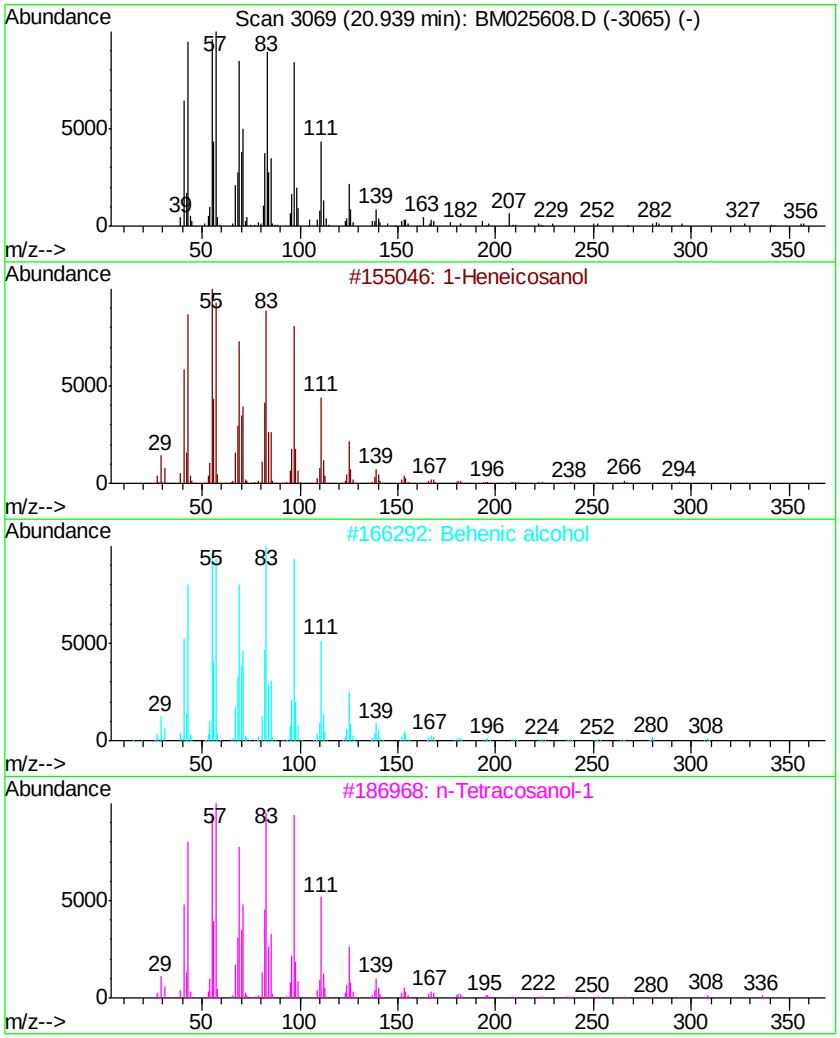
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

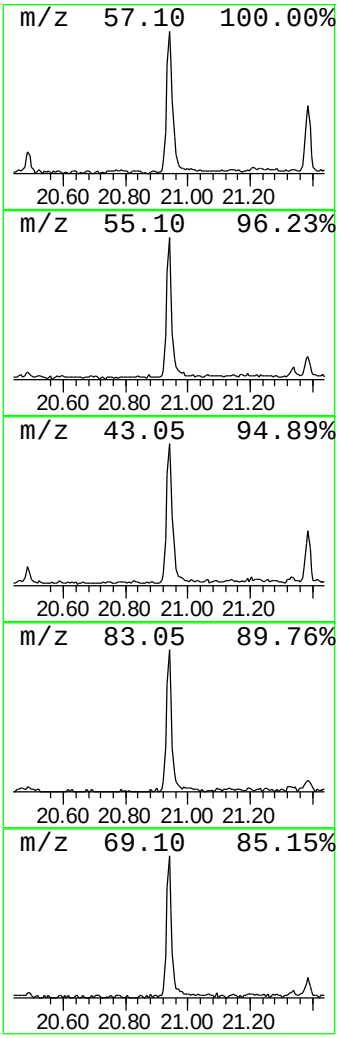
****

Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.37 ng/ul	387511	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

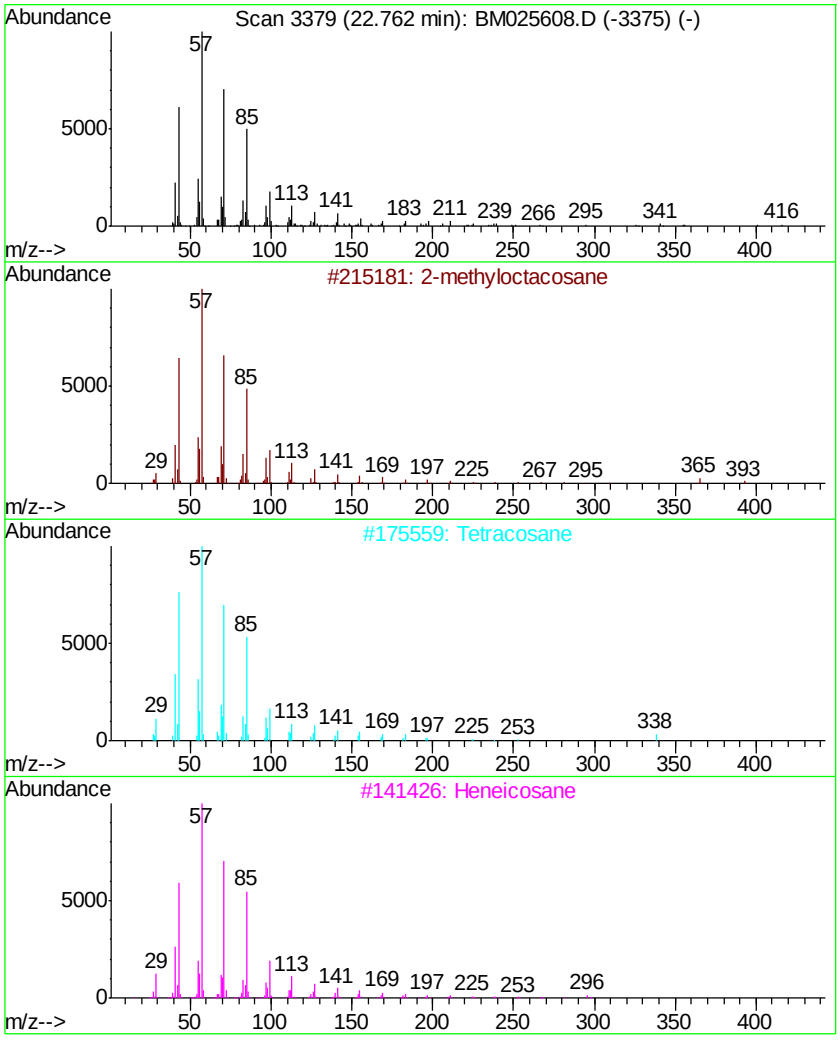
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

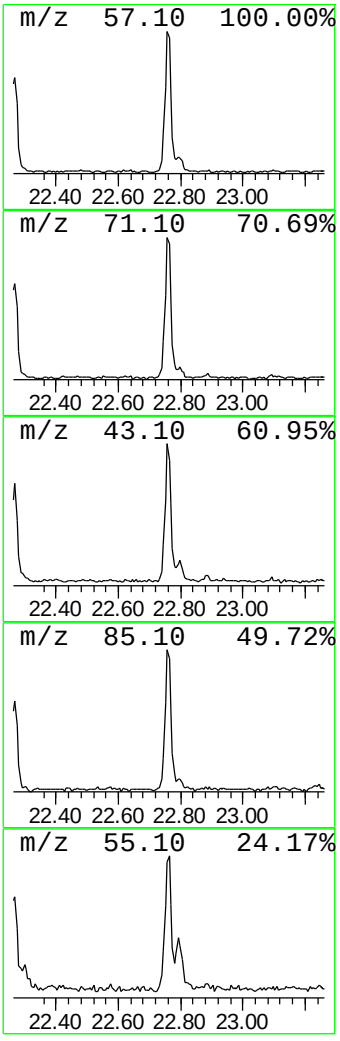
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.16 ng/ul	268161	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

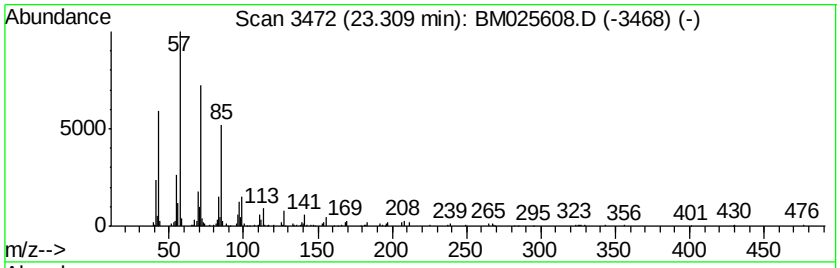
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

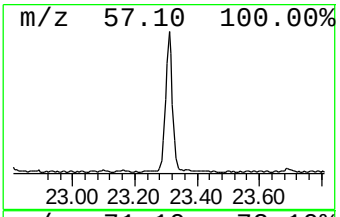
****

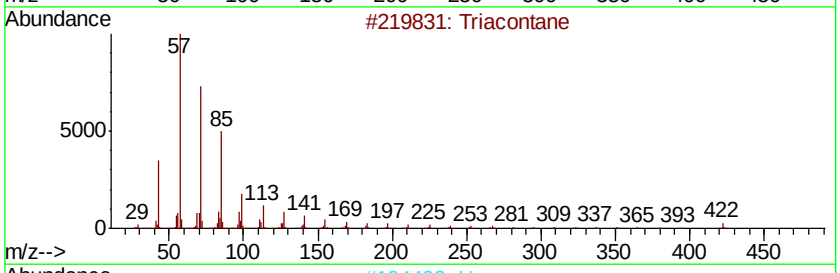
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

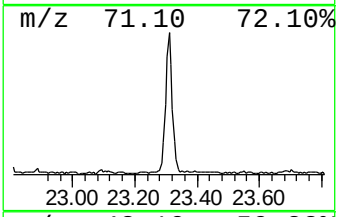
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	3.01 ng/ul	373143	Perylene-d12	23.38

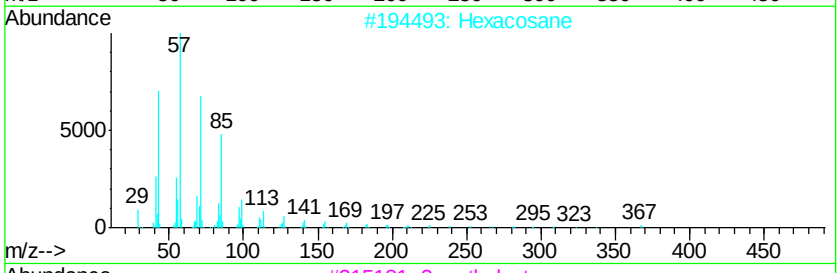
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87

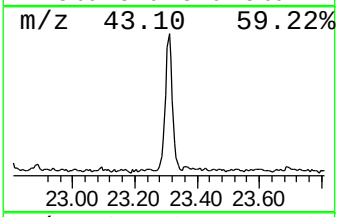


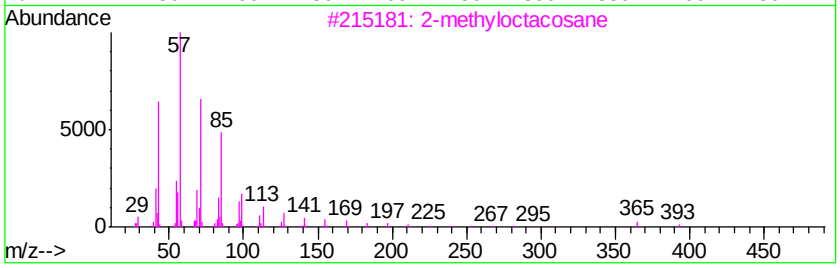


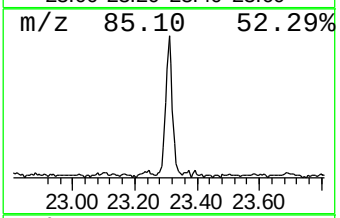


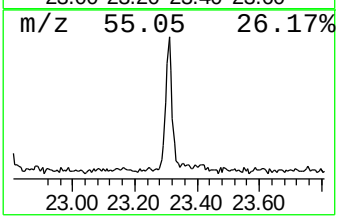












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

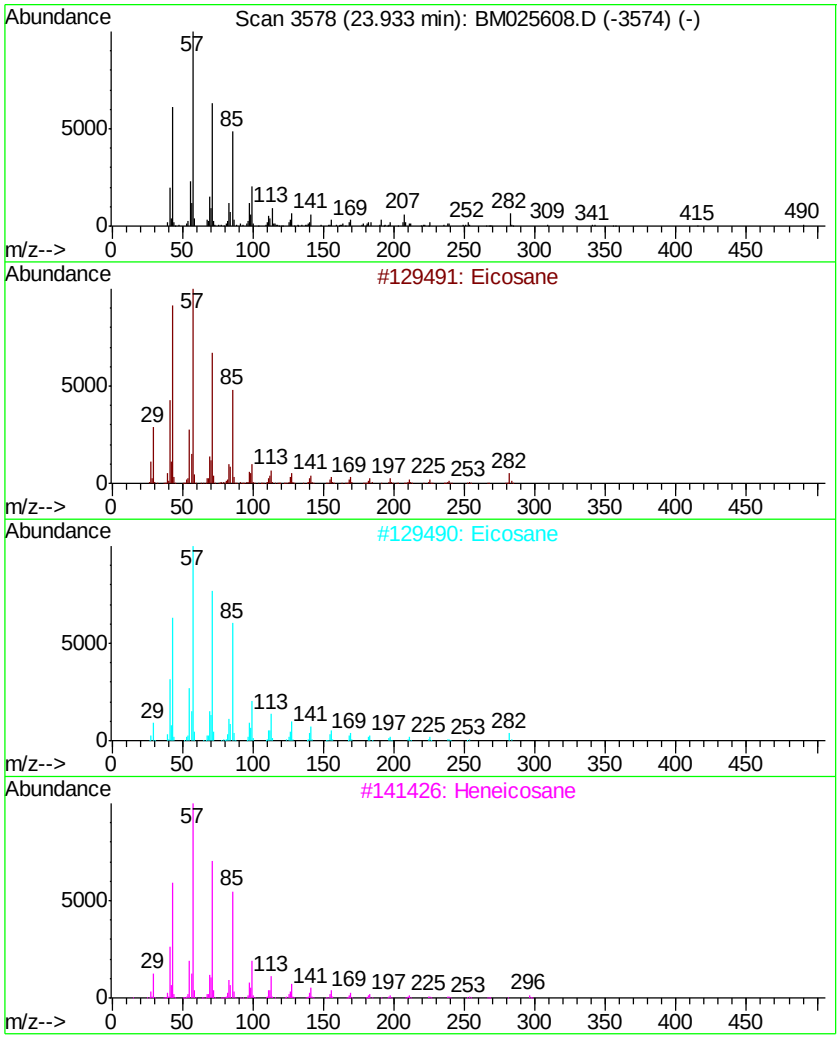
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

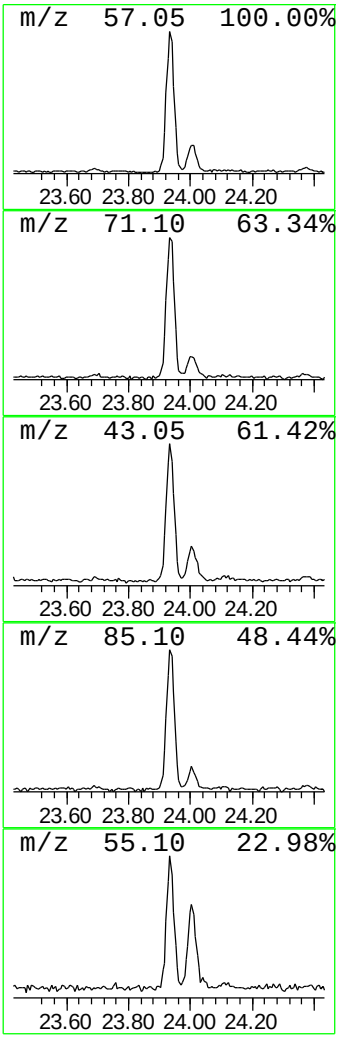
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.93 ng/ul	363546	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

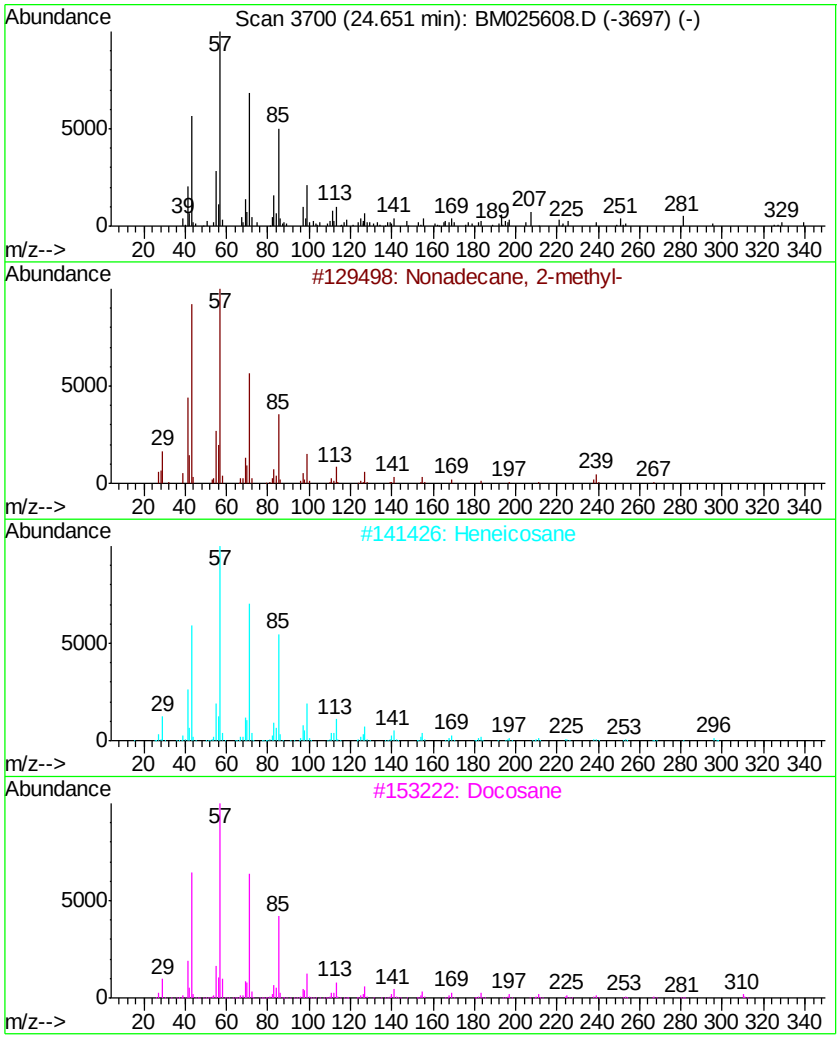
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

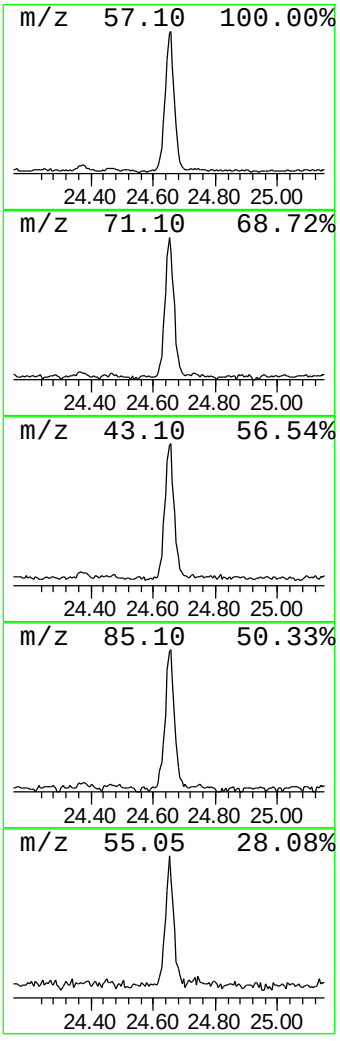
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.22 ng/ul	275381	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
2	Heneicosane	296	C21H44	000629-94-7	74
3	Docosane	310	C22H46	000629-97-0	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
5	Tetracosane	338	C24H50	000646-31-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025608.D
Acq On : 17 Mar 2020 10:51
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
Butane, 2-methoxy...	2.98	55.5	ng/ul	2182810	1	7.64	786070	20.0
Dodecanoic acid	14.72	4.7	ng/ul	373327	3	14.27	1582100	20.0
1-Heneicosanol	20.94	3.4	ng/ul	387511	5	21.20	2301240	20.0
(DEL) Alkane: Str...	22.76	2.2	ng/ul	268161	6	23.38	2482410	20.0
(DEL) Alkane: Str...	23.31	3.0	ng/ul	373143	6	23.38	2482410	20.0
(DEL) Alkane: Str...	23.93	2.9	ng/ul	363546	6	23.38	2482410	20.0
(DEL) Alkane: Str...	24.65	2.2	ng/ul	275381	6	23.38	2482410	20.0