LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

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-BM072720MA.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	2.908	24	29	37	rBV	239140	377669	19.41%	1.716%
2	2.978	37	41	57	rVB	1091141	1250421	64.28%	5.680%
3	3.219	78	82	86	rBV3	7171	9406	0.48%	0.043%
4	3.855	186	190	193	rBV4	8134	10916	0.56%	0.050%
5	3.943	201	205	209	rBV2	7159	8883	0.46%	0.040%
6	4.155	237	241	246	rVB3	6738	9042	0.46%	0.041%
7	4.555	304	309	314	rBV3	3774	5929	0.30%	0.027%
8	4.837	353	357	360	rVB3	3367	4199	0.22%	0.019%
9	6.002	552	555	561	rBV3	1431	2457	0.13%	0.011%
10	6.084	563	569	573	rVV5	1606	3211	0.17%	0.015%
11	6.843	690	698	708	rBV	107063	169394	8.71%	0.769%
12	7.007	720	726	734	rBV	296170	442296	22.74%	2.009%
13	7.207	752	760	767	rBV	344271	531067	27.30%	2.412%
14	7.290	771	774	777	rVV2	3193	3401	0.17%	0.015%
15	7.319	777	779	784	rVB3	1711	2545	0.13%	0.012%
16	7.672	832	839	847	rVB	324511	509561	26.20%	2.315%
17	7.748	847	852	856	rVB5	2172	3928	0.20%	0.018%
18	8.366	951	957	968	rBV	240909	366841	18.86%	1.666%
19	8.807	1025	1032	1040	rBV	378759	608618	31.29%	2.765%
20	9.307	1112	1117	1121	rVB2	2084	2903	0.15%	0.013%
21	9.531	1147	1155	1165	rBV	270516	438015	22.52%	1.990%
22	10.066	1238	1246	1257	rBV	459686	732888	37.68%	3.329%
23	10.442	1303	1310	1317	rBV	401440	664540	34.16%	3.019%
24	10.572	1326	1332	1339	rVB2	34778	55875	2.87%	0.254%
25	11.254	1442	1448	1450	rBV4	1923	2745	0.14%	0.012%
26	12.036	1575	1581	1585	rVB3	6039	9483	0.49%	0.043%
27	12.307	1621	1627	1629	rBV3	1320	2115	0.11%	0.010%
28	12.925	1727	1732	1736	rVB2	1674	2347	0.12%	0.011%
29	13.148	1767	1770	1773	rVV3	4827	5316	0.27%	0.024%
30	13.225	1778	1783	1788	rBV5	3211	5376	0.28%	0.024%
31	13.719	1860	1867	1871	rBV	843051	1158764	59.57%	5.264%
32	13.760	1871	1874	1880	rVB	115234	151534	7.79%	0.688%
33	13.989	1905	1913	1921	rBV	912021	1296105	66.63%	5.888%
34	14.301	1960	1966	1973	rVB	591506	855999	44.00%	3.888%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

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-BM072720MA.M
Title : SVOA CALIBRATION

35	14.366	1973	1977	1982	rBV3	5546	7877	0.40%	0.036%
36	14.483	1991	1997	2004	rBV	98526	143182	7.36%	0.650%
37	14.742	2037	2041	2044	rVB3	5146	6439	0.33%	0.029%
38	14.854	2057	2060	2063	rBV2	1547	2120	0.11%	0.010%
39	15.136	2103	2108	2111	rBV4	2813	4176	0.21%	0.019%
40	15.189	2114	2117	2122	rVB4	1988	3224	0.17%	0.015%
41	15.295	2129	2135	2144	rBV	1179103	1621889	83.38%	7.368%
42	15.407	2148	2154	2161	rBV	313320	416534	21.41%	1.892%
43	15.536	2171	2176	2181	rVB2	12312	16671	0.86%	0.076%
44	15.889	2234	2236	2243	rVB5	1888	2649	0.14%	0.012%
45	15.954	2243	2247	2252	rBV3	2361	4090	0.21%	0.019%
46	16.007	2252	2256	2261	rBV5	2194	4453	0.23%	0.020%
47	16.054	2261	2264	2266	rBV3	2162	2095	0.11%	0.010%
48	16.083	2266	2269	2271	rBV	3874	3379	0.17%	0.015%
49	16.148	2276	2280	2286	rBV5	1672	2102	0.11%	0.010%
50	16.207	2288	2290	2293	rVV4	2470	3296	0.17%	0.015%
51	16.318	2305	2309	2314	rVB3	9040	11502	0.59%	0.052%
52	16.477	2332	2336	2339	rBV3	3210	4476	0.23%	0.020%
53	16.548	2343	2348	2349	rBV5	2162	2353	0.12%	0.011%
54	16.795	2387	2390	2392	rBV3	2354	3377	0.17%	0.015%
55	16.818	2392	2394	2397	rVV3	4782	6434	0.33%	0.029%
56	16.848	2397	2399	2404	rVB3	3061	3858	0.20%	0.018%
57	17.042	2426	2432	2438	rVV	712452	987388	50.76%	4.485%
58	17.083	2438	2439	2443	rVV4	2712	3675	0.19%	0.017%
59	17.142	2443	2449	2460	rVB	1137905	1528122	78.56%	6.942%
60	17.230	2460	2464	2465	rBV4	2246	2495	0.13%	0.011%
61	17.307	2474	2477	2478	rBV2	2907	2130	0.11%	0.010%
62	17.454	2498	2502	2506	rVB5	5789	7577	0.39%	0.034%
63	17.565	2515	2521	2524	rBV7	2277	3797	0.20%	0.017%
64	17.701	2539	2544	2545	rBV4	1692	2711	0.14%	0.012%
65	17.724	2545	2548	2554	rVB8	3297	5760	0.30%	0.026%
66	17.965	2583	2589	2597	rBV	183855	273299	14.05%	1.241%
67	18.242	2633	2636	2637	rBV2	11357	11453	0.59%	0.052%
68	18.418	2662	2666	2670	rBV4	11190	16344	0.84%	0.074%
69	18.483	2673	2677	2682	rVB	9941	14584	0.75%	0.066%
70	18.577	2689	2693	2695	rBV4	7654	9878	0.51%	0.045%
71	18.636	2701	2703	2707	rVB3	4138	3501	0.18%	0.016%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

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-BM072720MA.M
Title : SVOA CALIBRATION

72	18.677	2707	2710	2712	rVB3	2294	2353	0.12%	0.011%
73	18.742	2717	2721	2726	rVV	65473	83138	4.27%	0.378%
74	18.783	2726	2728	2731	rVV4	5604	5439	0.28%	0.025%
75	18.836	2733	2737	2743	rVB5	33119	46276	2.38%	0.210%
76	18.924	2744	2752	2755	rBV9	7965	17563	0.90%	0.080%
77	19.059	2770	2775	2780	rBV3	29563	55885	2.87%	0.254%
78	19.101	2780	2782	2785	rVV3	25513	29066	1.49%	0.132%
79	19.148	2788	2790	2800	rVB6	13754	20271	1.04%	0.092%
80	19.254	2804	2808	2817	rBV2	162622	227855	11.71%	1.035%
81	19.324	2817	2820	2826	rVB	15477	23553	1.21%	0.107%
82	19.442	2833	2840	2847	rVB	1421458	1945253	100.00%	8.836%
83	19.524	2852	2854	2859	rBV5	3028	3660	0.19%	0.017%
84	20.024	2937	2939	2944	rVB5	5679	6892	0.35%	0.031%
85	20.401	3000	3003	3006	rVB4	6802	8500	0.44%	0.039%
86	20.477	3013	3016	3021	rVB4	18952	24160	1.24%	0.110%
87	20.606	3035	3038	3043	rBV	58401	66795	3.43%	0.303%
88	20.653	3043	3046	3051	rVB3	24346	29990	1.54%	0.136%
89	20.712	3054	3056	3057	rBV2	5211	3711	0.19%	0.017%
90	20.936	3092	3094	3097	rBV3	8279	9225	0.47%	0.042%
91	20.977	3097	3101	3109	rBV	130242	165064	8.49%	0.750%
92	21.230	3139	3144	3149	rBV	925961	1176445	60.48%	5.344%
93	21.424	3175	3177	3181	rVB3	17058	17368	0.89%	0.079%
94	21.865	3248	3252	3255	rVB2	30248	38539	1.98%	0.175%
95	22.324	3327	3330	3333	rBV2	31561	34519	1.77%	0.157%
96	22.830	3412	3416	3421	rVB4	45301	62228	3.20%	0.283%
97	23.306	3490	3497	3506	rVB	968255	1694140	87.09%	7.696%
98	23.394	3508	3512	3514	rVV2	46210	68035	3.50%	0.309%
99	23.442	3514	3520	3533	rVB2	665973	1237316	63.61%	5.621%
100	24.041	3618	3622	3628	rVB3	38670	57987	2.98%	0.263%

Sum of corrected areas: 22013905

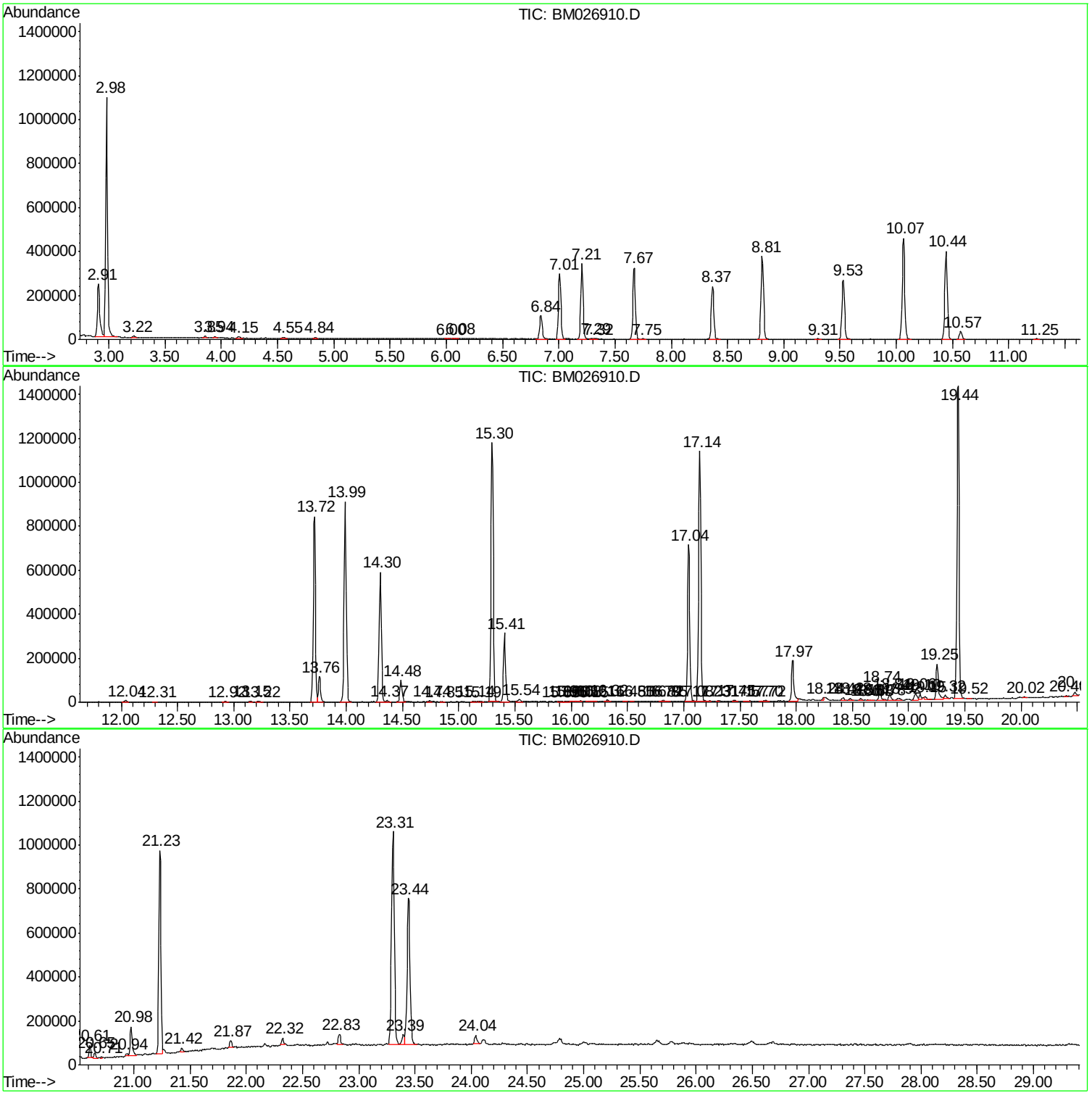
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

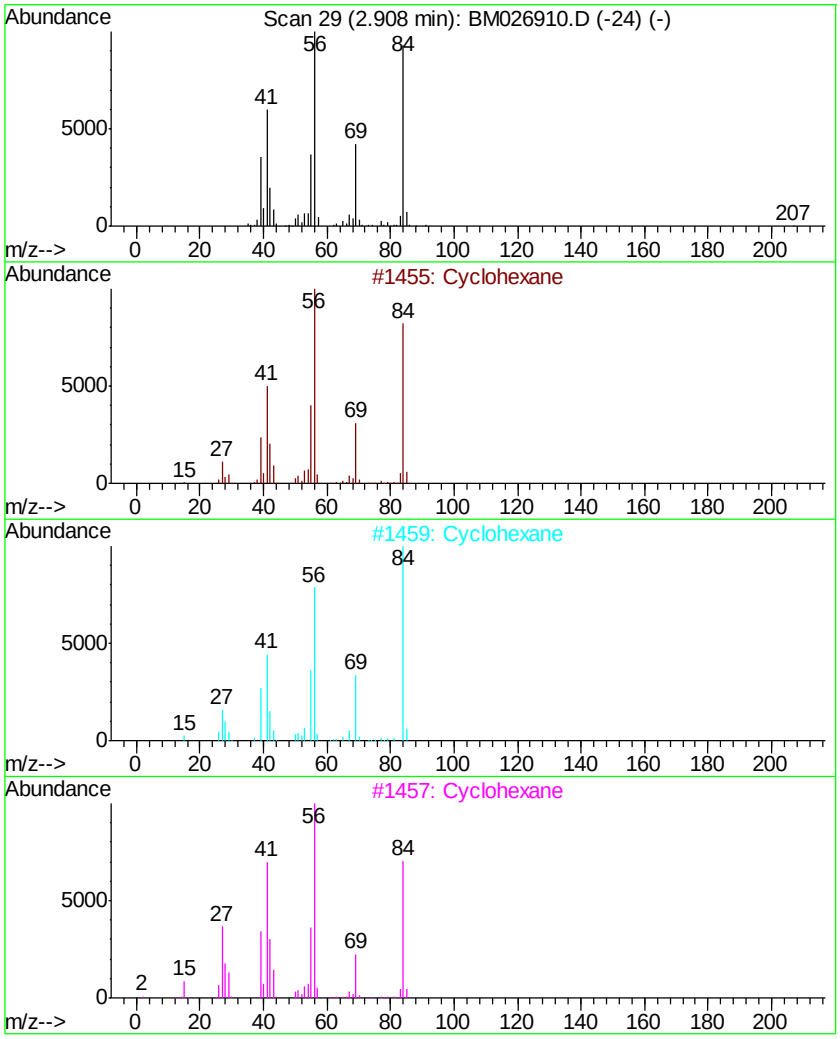
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

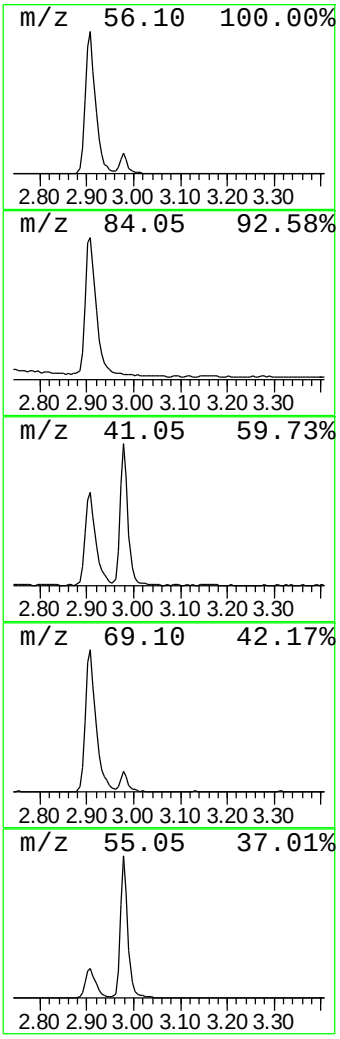
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	14.82 ng/ul	377669	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	87
5	Cyclohexane	84	C6H12	000110-82-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

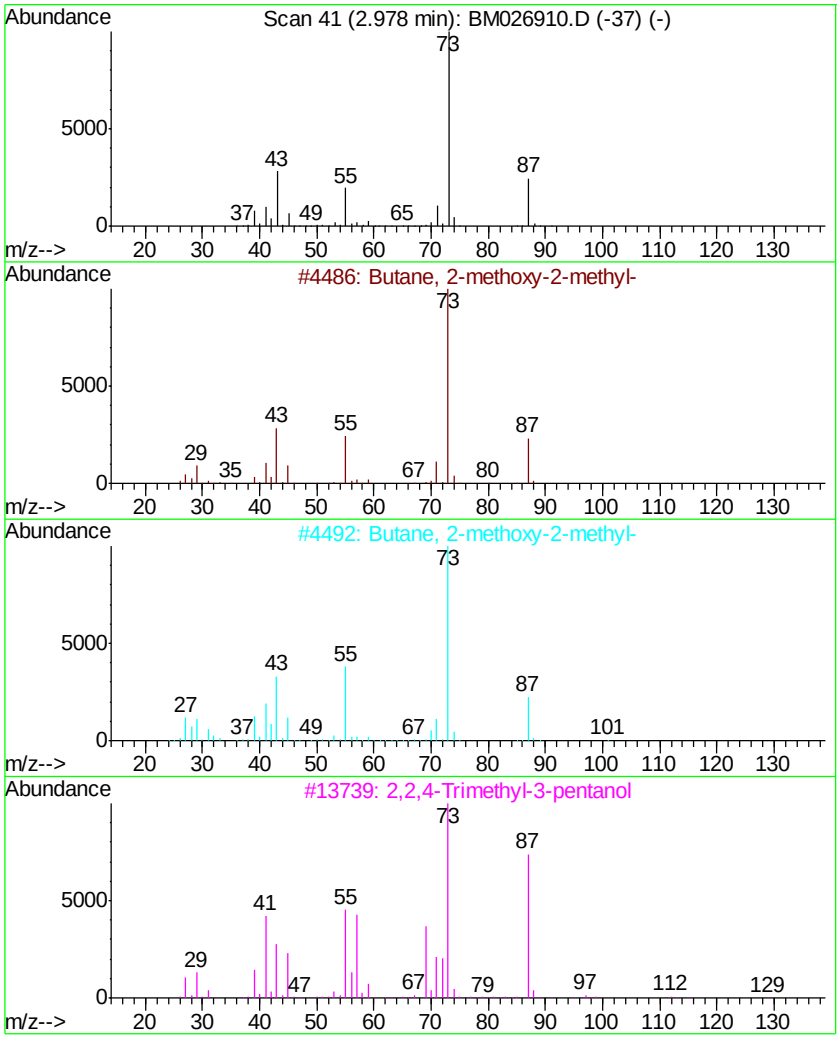
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

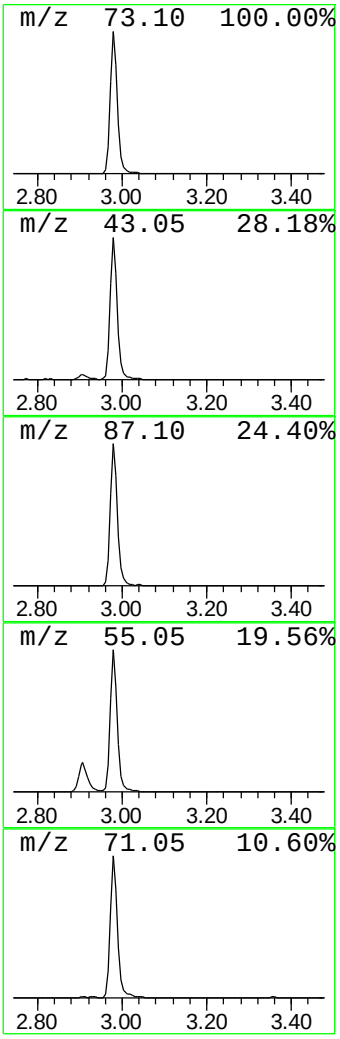
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	49.08 ng/ul	1250420	1,4-Dichlorobenzene-d4	7.67

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	56
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

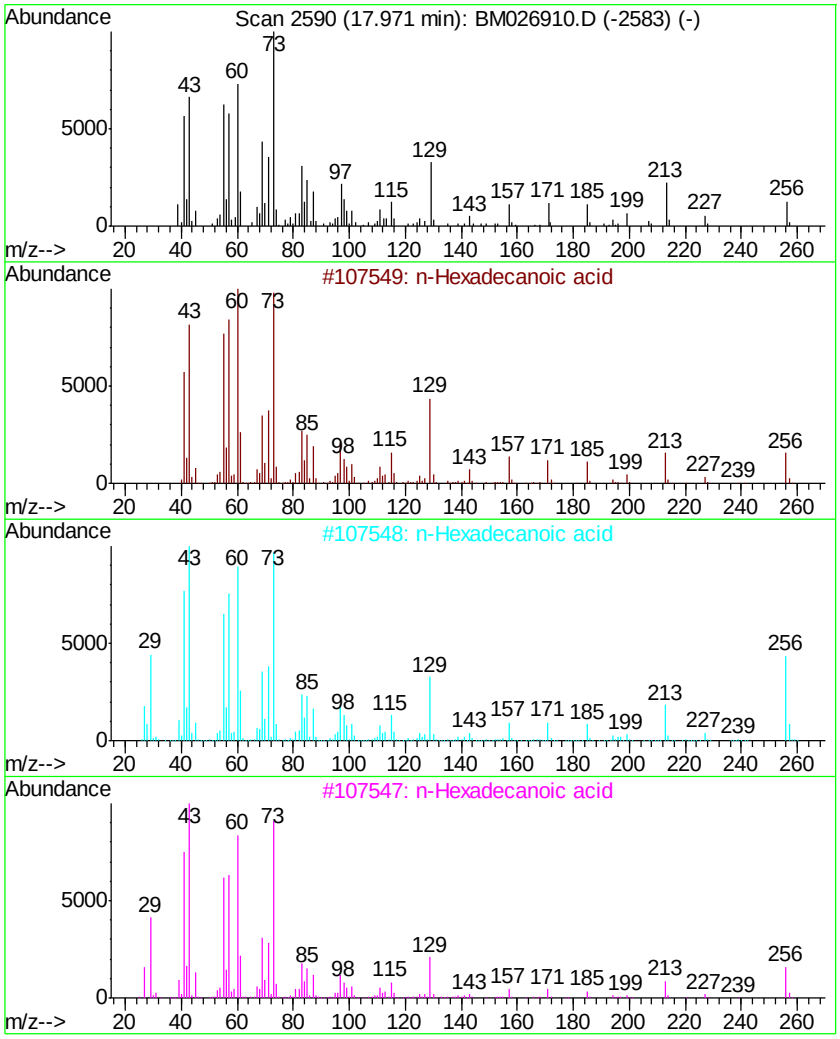
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

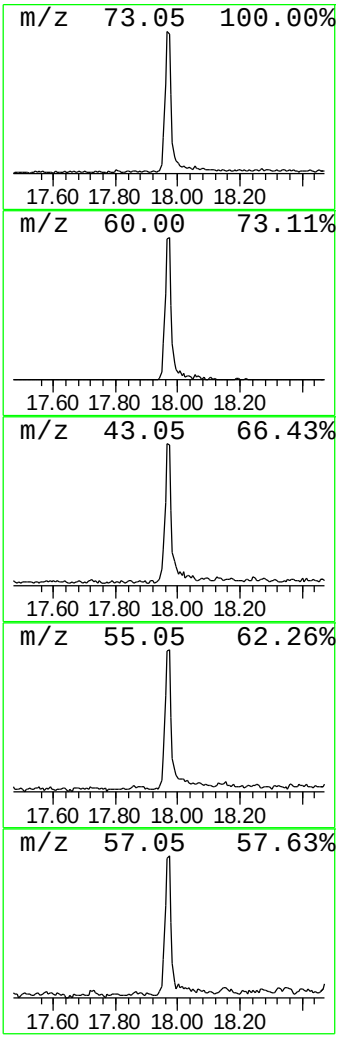
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.54 ng/ul	273299	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

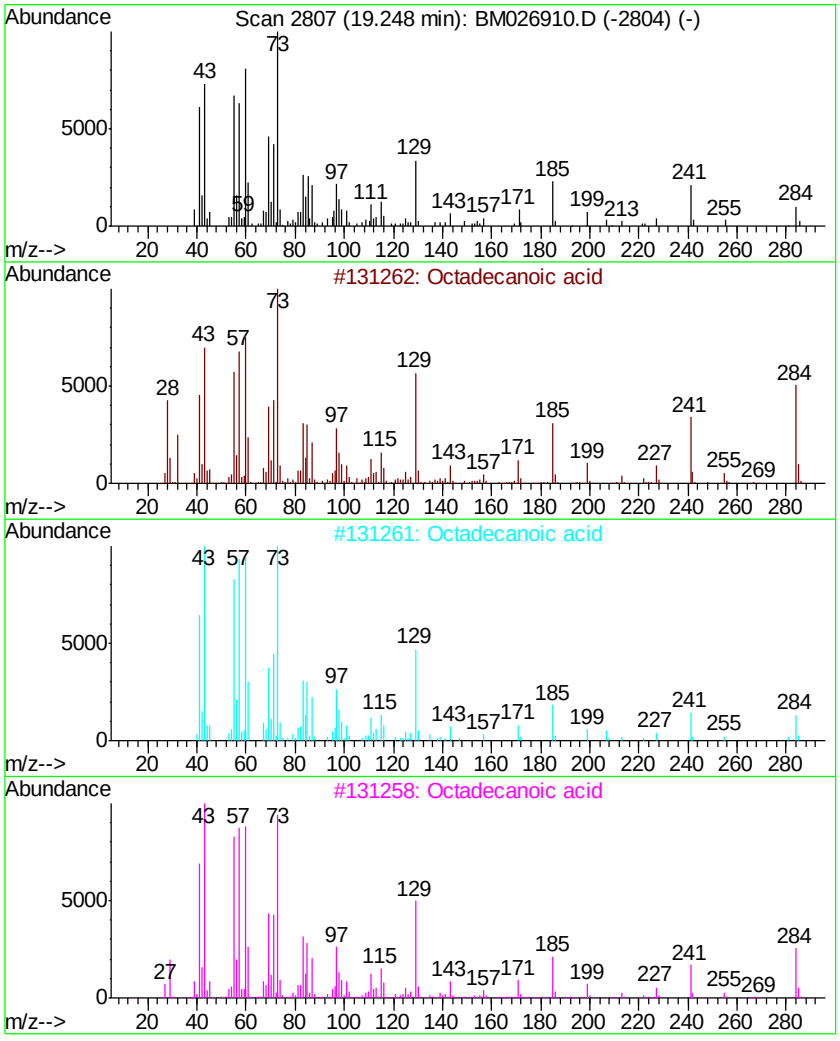
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

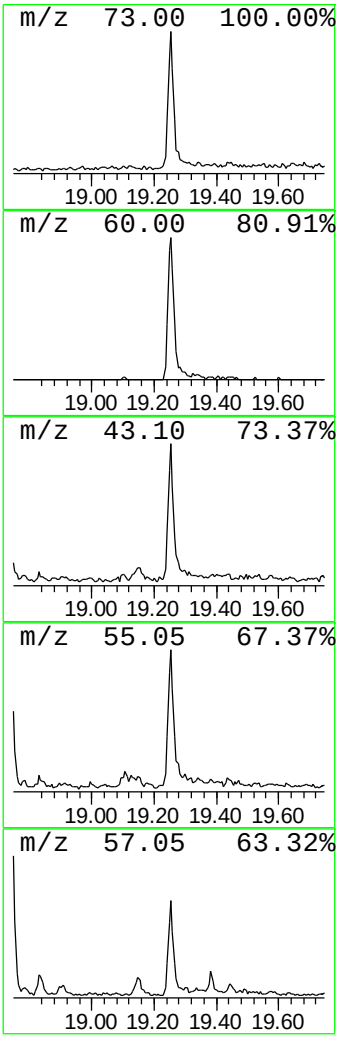
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.87 ng/ul	227855	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

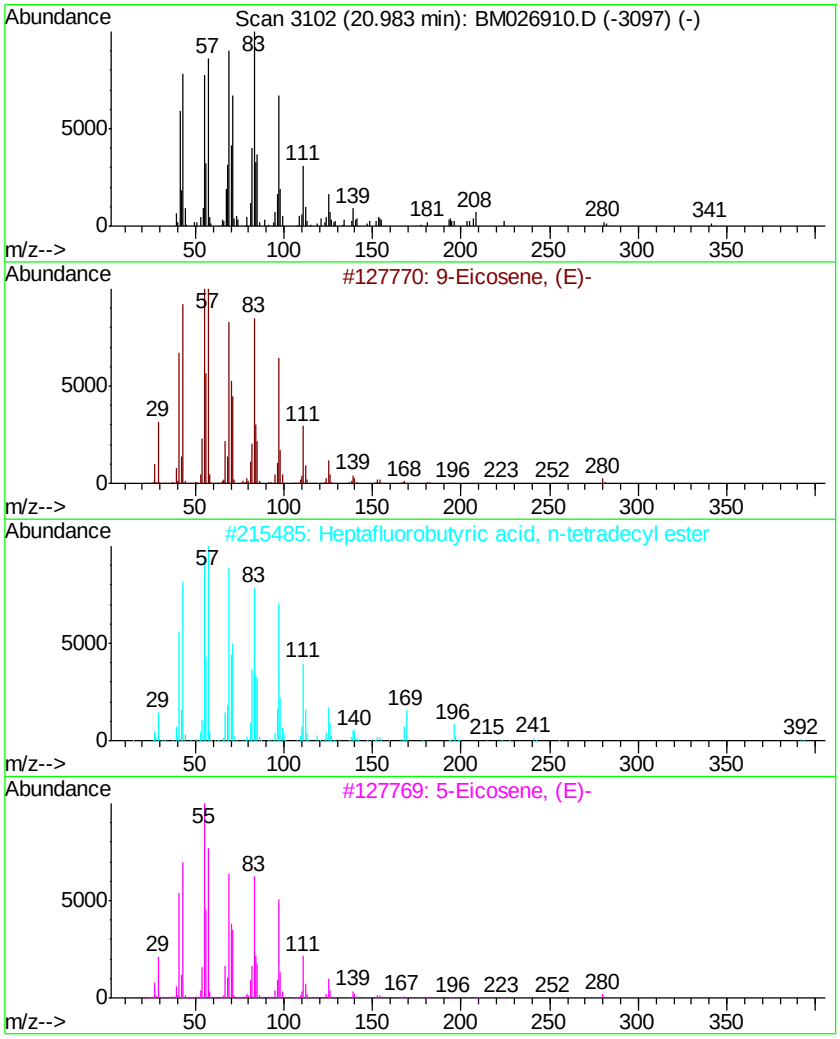
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

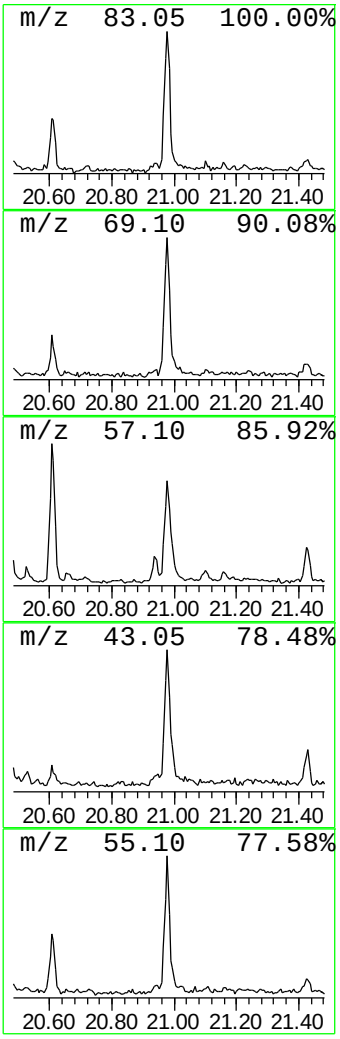
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.81 ng/ul	165064	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	n-Pentadecanol	228	C15H32O	000629-76-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026910.D
Acq On : 29 Jul 2020 03:32
Operator : JU/CG
Sample : L3443-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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...	2.91	14.8	ng/ul	377669	1	7.67	509561	20.0
Butane, 2-methoxy...	2.98	49.1	ng/ul	1250420	1	7.67	509561	20.0
n-Hexadecanoic acid	17.97	5.5	ng/ul	273299	4	17.04	987388	20.0
Octadecanoic acid	19.25	3.9	ng/ul	227855	5	21.23	1176450	20.0
(DEL) Alkane: Str...	20.98	2.8	ng/ul	165064	5	21.23	1176450	20.0