LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026907.D
Acq On : 29 Jul 2020 01:43
Operator : JU/CG
Sample : L3443-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB3

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	2.907	24	29	37	rBV	205969	321905	17.97%	1.796%
2	2.978	37	41	54	rVB	985404	1129683	63.06%	6.304%
3	3.219	79	82	87	rBV	21320	24390	1.36%	0.136%
4	3.854	186	190	195	rVB2	7118	10860	0.61%	0.061%
5	3.943	202	205	209	rVB4	4049	5574	0.31%	0.031%
6	4.154	237	241	245	rVB4	5128	6503	0.36%	0.036%
7	4.554	305	309	313	rVB4	3790	5375	0.30%	0.030%
8	4.837	353	357	361	rBV4	1994	3270	0.18%	0.018%
9	6.842	692	698	706	rBV	80036	125828	7.02%	0.702%
10	7.007	720	726	734	rBV	237647	358651	20.02%	2.001%
11	7.207	753	760	768	rBV	294597	441636	24.65%	2.464%
12	7.672	833	839	847	rVB	248907	381593	21.30%	2.129%
13	8.366	951	957	968	rVB	203275	304892	17.02%	1.701%
14	8.807	1023	1032	1040	rBV	315185	511897	28.57%	2.856%
15	9.530	1147	1155	1164	rBV	224478	356442	19.90%	1.989%
16	10.066	1239	1246	1256	rBV	380782	604955	33.77%	3.376%
17	10.442	1303	1310	1318	rBV	294566	481202	26.86%	2.685%
18	10.572	1327	1332	1339	rVB2	25432	40410	2.26%	0.225%
19	11.919	1555	1561	1565	rBV3	16565	24921	1.39%	0.139%
20	12.042	1575	1582	1587	rVB2	4718	7740	0.43%	0.043%
21	12.930	1728	1733	1737	rVB3	2332	2740	0.15%	0.015%
22	13.148	1765	1770	1774	rBV3	2520	4053	0.23%	0.023%
23	13.718	1860	1867	1871	rBV	693532	923672	51.56%	5.154%
24	13.760	1871	1874	1882	rVB	50444	67900	3.79%	0.379%
25	13.995	1906	1914	1920	rBV	715490	1052743	58.76%	5.874%
26	14.301	1960	1966	1974	rVB	444294	634457	35.41%	3.540%
27	14.489	1992	1998	2004	rBV	74941	106958	5.97%	0.597%
28	14.689	2028	2032	2038	rBV4	2227	3000	0.17%	0.017%
29	15.136	2104	2108	2112	rVB4	1668	2379	0.13%	0.013%
30	15.301	2129	2136	2144	rVB	942555	1319637	73.66%	7.364%
31	15.407	2149	2154	2164	rBV	259732	349147	19.49%	1.948%
32	15.536	2172	2176	2181	rBV3	10192	12748	0.71%	0.071%
33	16.001	2252	2255	2259	rVB4	1496	2204	0.12%	0.012%
34	16.083	2266	2269	2277	rVB5	3737	4941	0.28%	0.028%

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AB3

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	16.212	2287	2291	2294	rBV2	1881	2224	0.12%	0.012%
36	16.318	2304	2309	2313	rBV2	6767	7791	0.43%	0.043%
37	16.483	2332	2337	2339	rBV4	2312	3587	0.20%	0.020%
38	16.536	2341	2346	2349	rBV5	2691	3927	0.22%	0.022%
39	16.824	2389	2395	2398	rBV6	3092	5776	0.32%	0.032%
40	17.042	2427	2432	2439	rBV	541697	747445	41.72%	4.171%
41	17.142	2443	2449	2459	rVB2	1020839	1410542	78.73%	7.871%
42	17.348	2482	2484	2488	rVB3	1837	2212	0.12%	0.012%
43	17.459	2497	2503	2506	rVV4	3210	5004	0.28%	0.028%
44	17.965	2584	2589	2598	rBV	63312	89201	4.98%	0.498%
45	18.030	2598	2600	2606	rVB6	2959	5119	0.29%	0.029%
46	18.136	2615	2618	2619	rBV3	1866	2385	0.13%	0.013%
47	18.271	2634	2641	2645	rVB9	5193	11475	0.64%	0.064%
48	18.418	2662	2666	2670	rVB6	3623	5666	0.32%	0.032%
49	18.483	2673	2677	2680	rBV2	6516	8274	0.46%	0.046%
50	18.571	2685	2692	2695	rBV6	6441	10512	0.59%	0.059%
51	18.683	2707	2711	2713	rBV4	2677	3386	0.19%	0.019%
52	18.747	2716	2722	2726	rBV	43018	56496	3.15%	0.315%
53	18.783	2726	2728	2731	rVB4	3857	3488	0.19%	0.019%
54	18.836	2731	2737	2742	rVB6	16221	22464	1.25%	0.125%
55	18.900	2746	2748	2750	rBV2	3156	3122	0.17%	0.017%
56	19.059	2771	2775	2780	rBV3	16888	32973	1.84%	0.184%
57	19.100	2780	2782	2785	rVV4	6664	9064	0.51%	0.051%
58	19.147	2785	2790	2798	rVB8	8467	16299	0.91%	0.091%
59	19.253	2804	2808	2812	rBV2	40678	48435	2.70%	0.270%
60	19.324	2814	2820	2826	rBV	11844	18384	1.03%	0.103%
61	19.389	2826	2831	2832	rBV3	4906	5925	0.33%	0.033%
62	19.442	2834	2840	2846	rVV	1393214	1791511	100.00%	9.997%
63	19.577	2861	2863	2866	rVB3	2330	1965	0.11%	0.011%
64	19.830	2904	2906	2907	rBV2	3483	2686	0.15%	0.015%
65	19.989	2930	2933	2937	rVB6	3629	4803	0.27%	0.027%
66	20.024	2937	2939	2942	rBV4	2552	2732	0.15%	0.015%
67	20.171	2960	2964	2970	rBV2	20521	23657	1.32%	0.132%
68	20.336	2989	2992	2996	rBV5	15315	17471	0.98%	0.097%
69	20.400	3001	3003	3008	rVB5	7979	8054	0.45%	0.045%
70	20.483	3013	3017	3023	rVB5	13042	20559	1.15%	0.115%
71	20.612	3035	3039	3043	rBV	41080	53108	2.96%	0.296%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : C0AB3

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-BM072720MA.M
Title : SVOA CALIBRATION

72	20.653	3043	3046	3051	rVB3	15260	17982	1.00%	0.100%
73	20.941	3091	3095	3098	rBV2	19644	26188	1.46%	0.146%
74	20.977	3098	3101	3109	rVB2	74419	94328	5.27%	0.526%
75	21.236	3140	3145	3156	rBV	753099	932616	52.06%	5.204%
76	22.171	3300	3304	3308	rBV2	37323	50869	2.84%	0.284%
77	23.306	3490	3497	3505	rBV	989939	1695872	94.66%	9.463%
78	23.447	3515	3521	3533	rVB2	535302	1001154	55.88%	5.586%

Sum of corrected areas: 17921037

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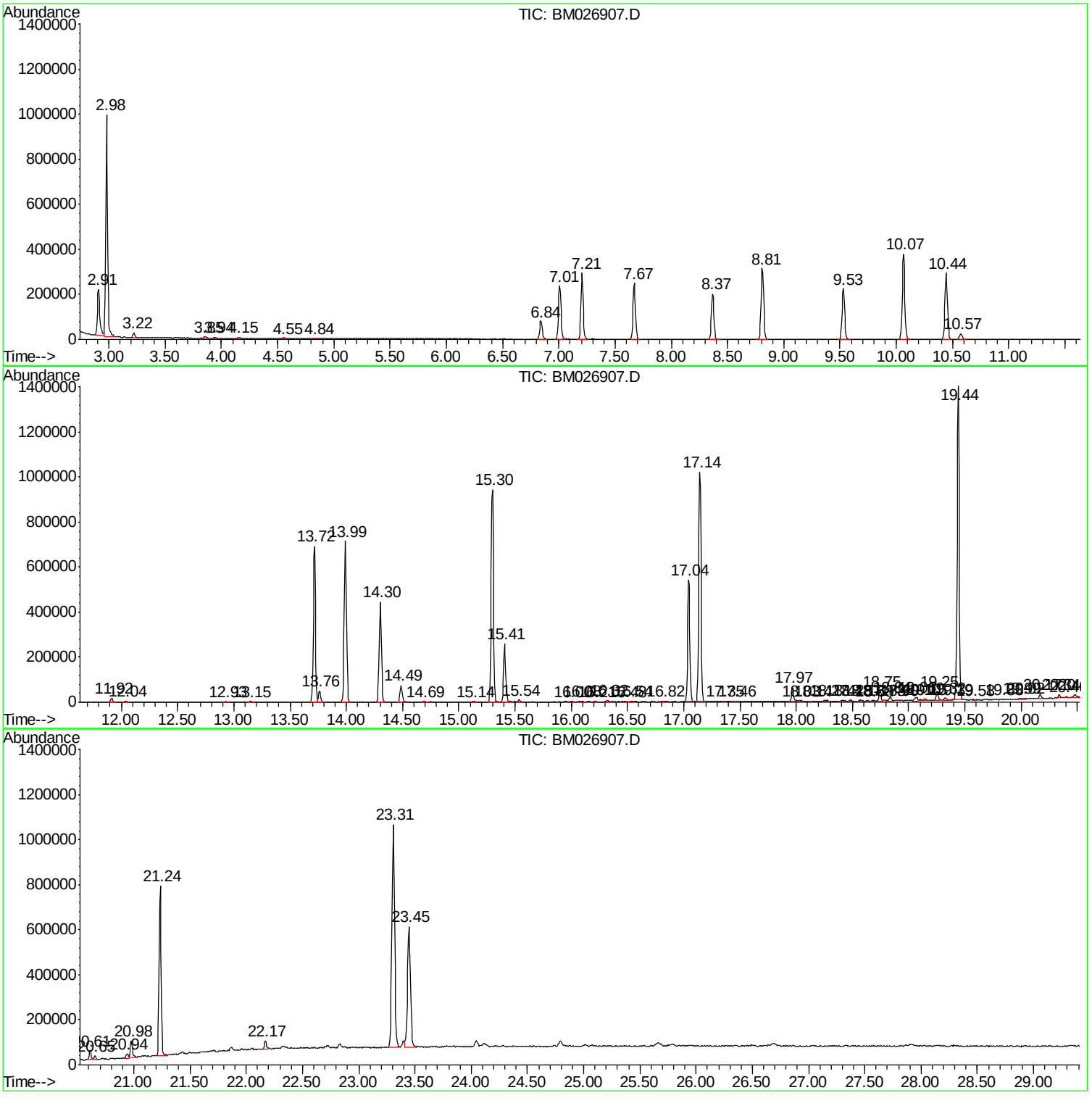
Instrument : BNA_M
ClientSampleId : C0AB3

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

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Operator : JU/CG
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

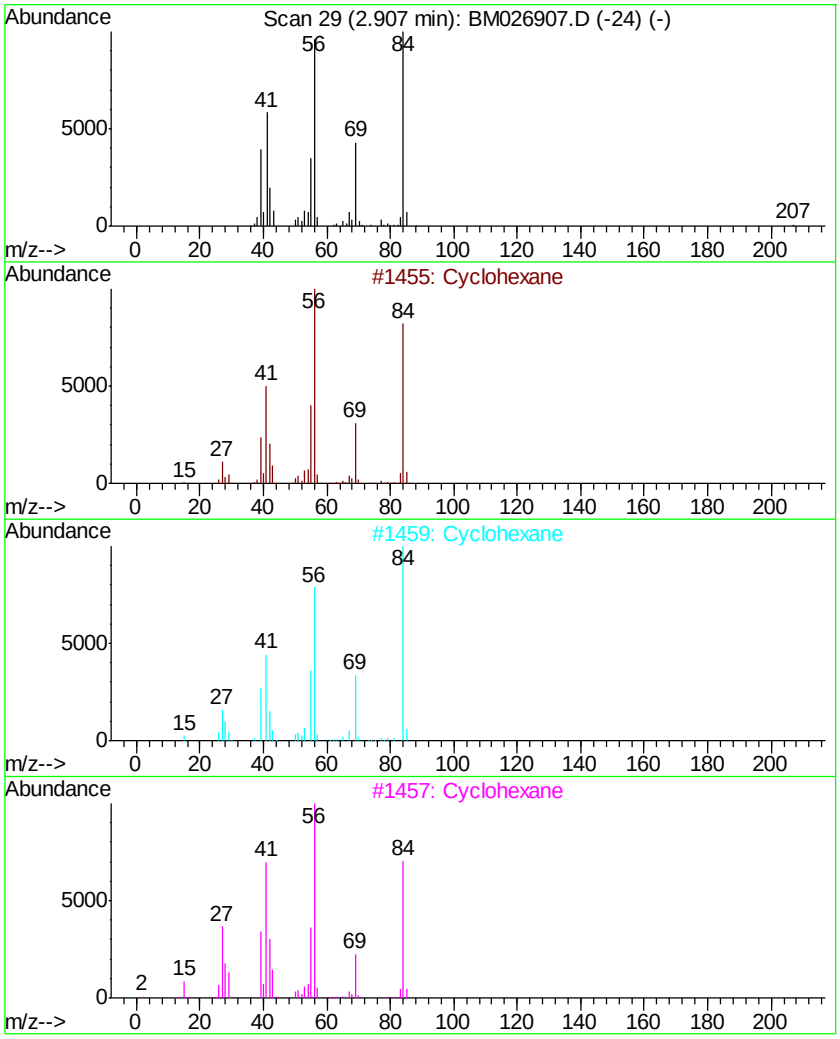
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

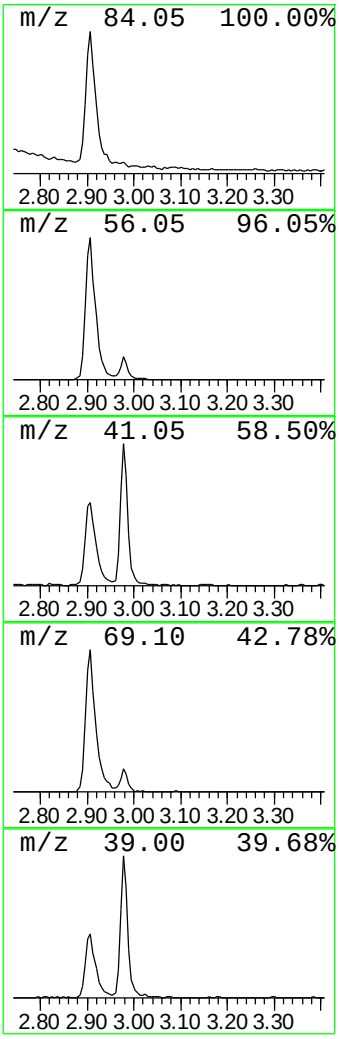
****

Peak Number 1 (DEL) Alkane: Cyclic2.91 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	16.87 ng/ul	321905	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclohexane	84	C6H12	000110-82-7	81
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	50





Library Search Compound Report

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Data File : BM026907.D
Acq On : 29 Jul 2020 01:43
Operator : JU/CG
Sample : L3443-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB3

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

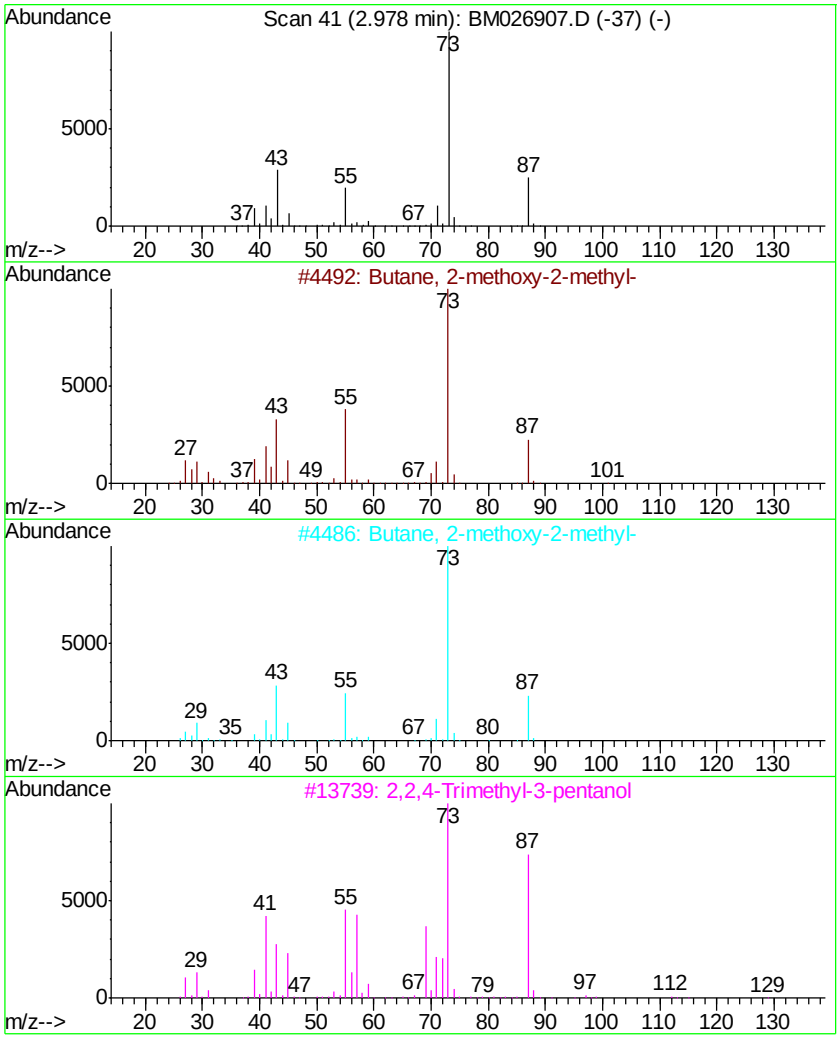
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

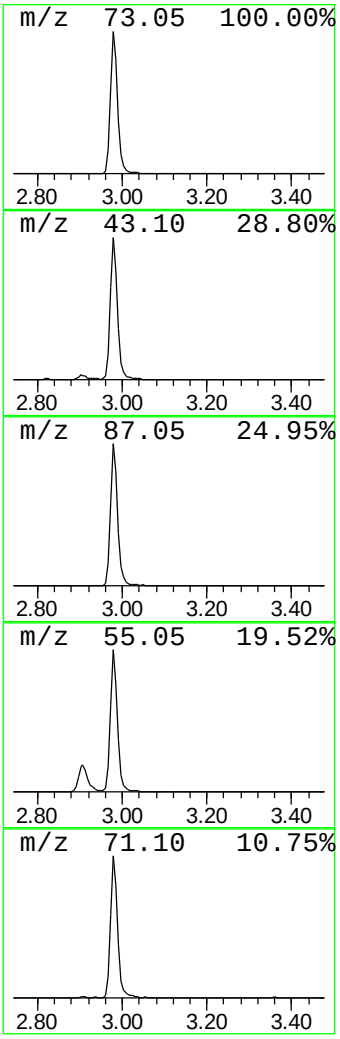
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	59.21 ng/ul	1129680	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	74
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
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 : BM026907.D
Acq On : 29 Jul 2020 01:43
Operator : JU/CG
Sample : L3443-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB3

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

TIC Library : C:\DATABASE\NIST11.L
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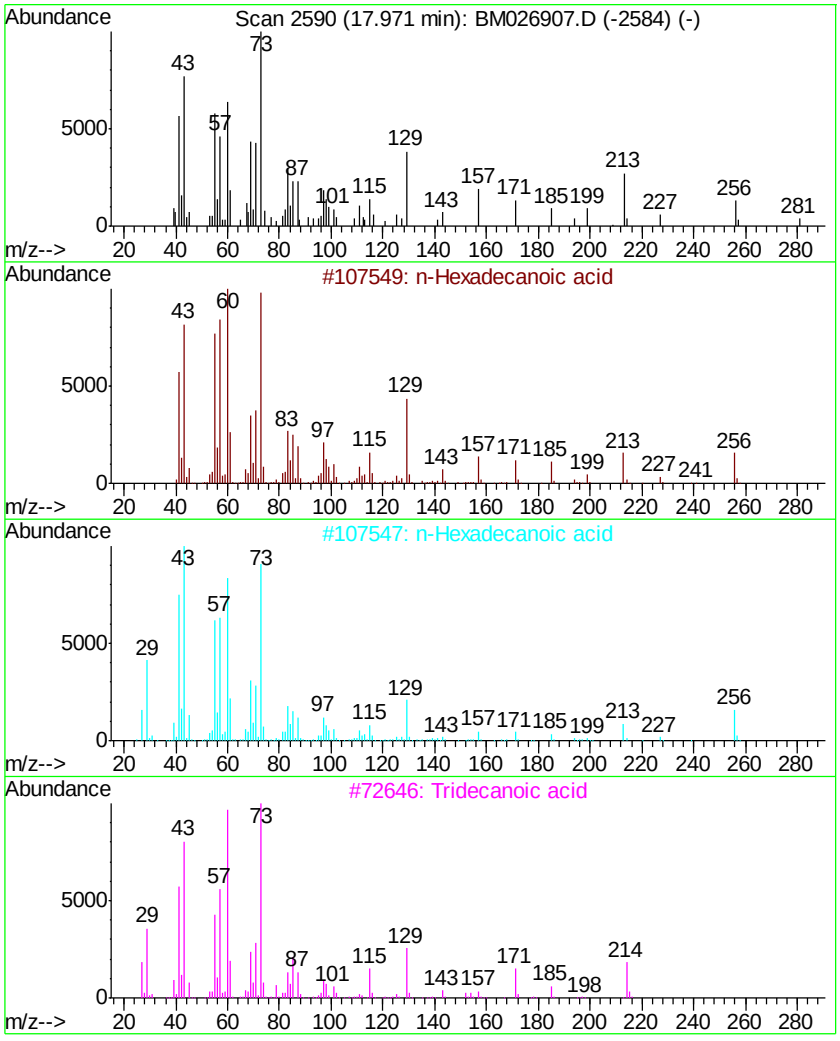
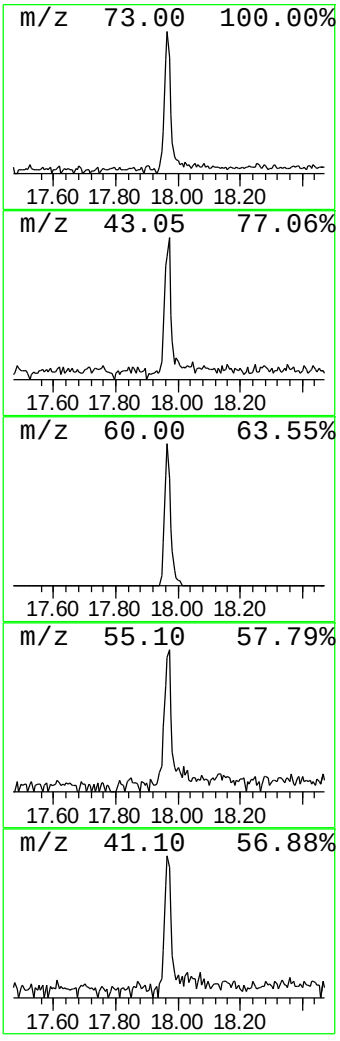
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.39 ng/ul	89201	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AB3

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

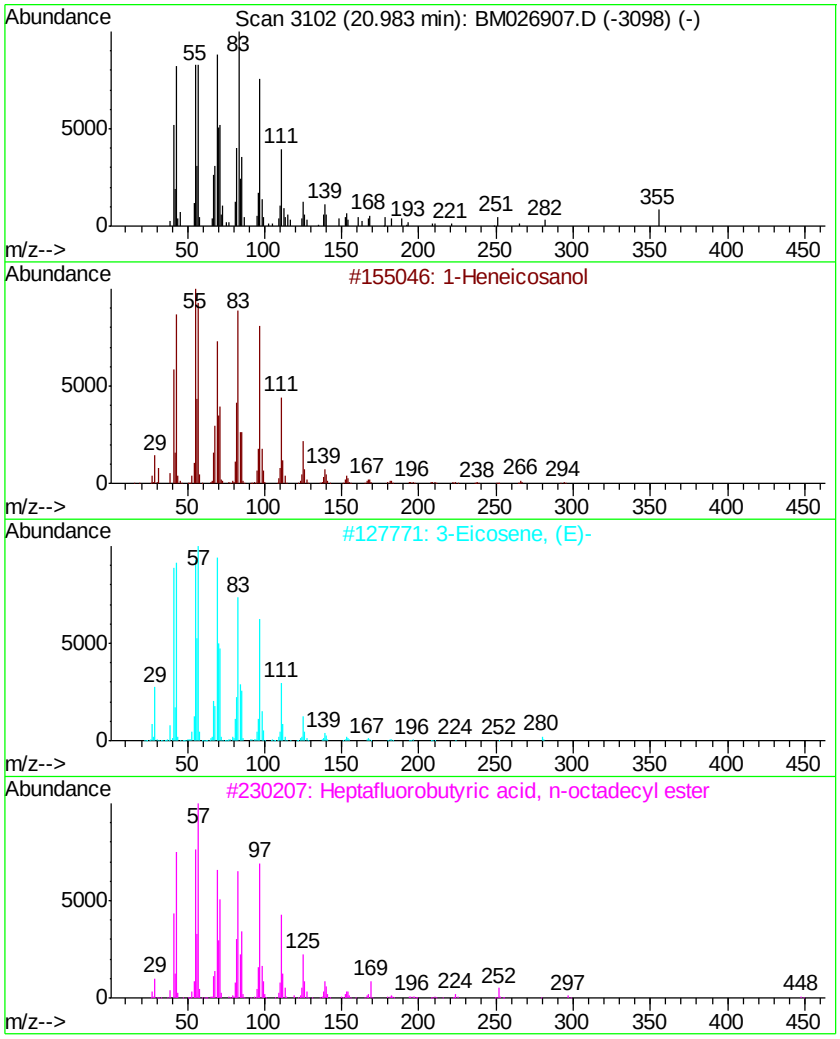
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

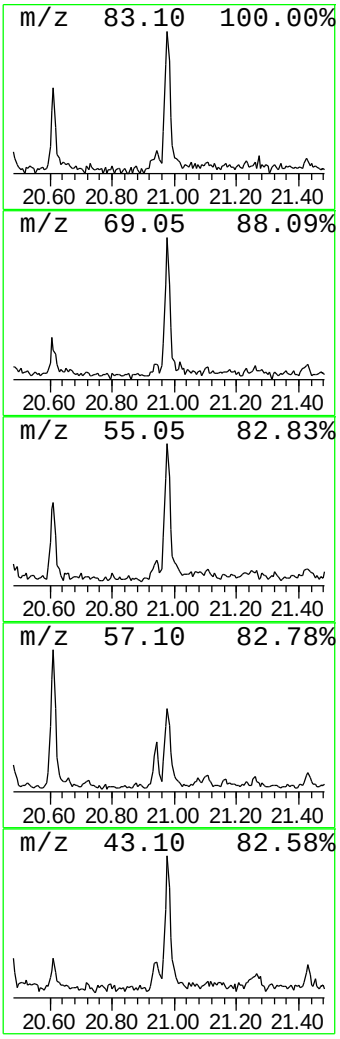
****

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.02 ng/ul	94328	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
5	Behenic alcohol	326	C22H46O	000661-19-8	76





Tentatively Identified Compound (LSC) summary

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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: Cyc...	2.91	16.9	ng/ul	321905	1	7.67	381593	20.0
Butane, 2-methoxy...	2.98	59.2	ng/ul	1129680	1	7.67	381593	20.0
n-Hexadecanoic acid	17.97	2.4	ng/ul	89201	4	17.04	747445	20.0
1-Heneicosanol	20.98	2.0	ng/ul	94328	5	21.24	932616	20.0