LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	2.772	3	6	12	rVB	13446	15818	0.84%	0.080%
2	2.907	23	29	37	rBV	216929	352324	18.61%	1.792%
3	2.978	37	41	56	rVB	909935	1053149	55.63%	5.357%
4	3.219	78	82	89	rVB	22437	29177	1.54%	0.148%
5	3.360	104	106	109	rVB3	2269	2286	0.12%	0.012%
6	3.860	187	191	194	rVB3	6017	8239	0.44%	0.042%
7	3.943	201	205	210	rBV3	5161	6724	0.36%	0.034%
8	4.154	236	241	246	rVB5	2828	5168	0.27%	0.026%
9	4.831	355	356	360	rVB3	2865	2701	0.14%	0.014%
10	6.842	691	698	709	rBV	93261	147518	7.79%	0.750%
11	7.007	720	726	735	rVB	235761	358093	18.92%	1.821%
12	7.207	753	760	767	rBV	292292	445555	23.54%	2.266%
13	7.295	771	775	781	rBV4	2069	3753	0.20%	0.019%
14	7.672	831	839	845	rVB	274103	426509	22.53%	2.169%
15	8.366	950	957	964	rBV	219355	334420	17.67%	1.701%
16	8.807	1025	1032	1041	rBV	319218	505923	26.72%	2.573%
17	9.531	1147	1155	1163	rBV	221326	360141	19.02%	1.832%
18	9.772	1191	1196	1200	rBV3	1184	2109	0.11%	0.011%
19	10.066	1239	1246	1254	rBV	406570	648927	34.28%	3.301%
20	10.442	1303	1310	1317	rBV	330380	538668	28.45%	2.740%
21	10.572	1325	1332	1338	rBV	39323	64927	3.43%	0.330%
22	11.801	1535	1541	1545	rVB3	1394	2515	0.13%	0.013%
23	12.036	1577	1581	1587	rVB4	4988	7484	0.40%	0.038%
24	12.924	1729	1732	1734	rBV3	2215	1982	0.10%	0.010%
25	13.154	1766	1771	1775	rVB4	3378	5169	0.27%	0.026%
26	13.713	1860	1866	1871	rBV	759982	1060218	56.00%	5.393%
27	13.760	1871	1874	1879	rVB	70299	92713	4.90%	0.472%
28	13.989	1905	1913	1920	rBV	766240	1139862	60.21%	5.798%
29	14.301	1960	1966	1973	rVB	499338	699572	36.95%	3.558%
30	14.483	1991	1997	2003	rBV	94653	136998	7.24%	0.697%
31	14.742	2037	2041	2046	rVB2	5445	7533	0.40%	0.038%
32	15.136	2103	2108	2112	rBV4	3383	5007	0.26%	0.025%
33	15.295	2129	2135	2145	rVB	1033710	1474868	77.91%	7.502%
34	15.407	2148	2154	2164	rVV	294089	396144	20.93%	2.015%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	15.536	2172	2176	2182	rVB2	9800	13960	0.74%	0.071%
36	15.995	2250	2254	2258	rBV5	2290	3945	0.21%	0.020%
37	16.083	2266	2269	2272	rVB2	4488	5044	0.27%	0.026%
38	16.207	2284	2290	2292	rBV4	2036	3248	0.17%	0.017%
39	16.318	2305	2309	2313	rVB4	6954	8492	0.45%	0.043%
40	16.471	2331	2335	2338	rBV3	3002	4191	0.22%	0.021%
41	16.718	2375	2377	2382	rVV5	1710	2364	0.12%	0.012%
42	16.836	2392	2397	2403	rVB3	4046	7881	0.42%	0.040%
43	17.042	2426	2432	2438	rBV	592924	813992	43.00%	4.140%
44	17.142	2442	2449	2458	rVV	1100721	1488021	78.60%	7.569%
45	17.306	2474	2477	2478	rBV2	2170	1899	0.10%	0.010%
46	17.454	2498	2502	2508	rBV7	4427	7420	0.39%	0.038%
47	17.542	2513	2517	2519	rVB4	2053	1954	0.10%	0.010%
48	17.730	2547	2549	2554	rVB4	1777	2974	0.16%	0.015%
49	17.971	2584	2590	2602	rBV	187645	292910	15.47%	1.490%
50	18.142	2615	2619	2620	rBV4	2893	4156	0.22%	0.021%
51	18.265	2636	2640	2647	rVB5	7024	12897	0.68%	0.066%
52	18.418	2661	2666	2671	rVB8	9514	15253	0.81%	0.078%
53	18.483	2671	2677	2683	rBV3	7305	11659	0.62%	0.059%
54	18.577	2690	2693	2695	rBV3	6009	4820	0.25%	0.025%
55	18.636	2699	2703	2706	rVB4	4106	4235	0.22%	0.022%
56	18.742	2717	2721	2725	rBV	47384	62374	3.29%	0.317%
57	18.836	2732	2737	2741	rBV6	26170	35628	1.88%	0.181%
58	18.918	2749	2751	2755	rVB5	6100	5520	0.29%	0.028%
59	19.059	2770	2775	2779	rBV2	24370	42991	2.27%	0.219%
60	19.100	2779	2782	2785	rVV4	8759	11602	0.61%	0.059%
61	19.253	2803	2808	2817	rVV	167537	231596	12.23%	1.178%
62	19.330	2817	2821	2826	rVV	18662	31843	1.68%	0.162%
63	19.383	2828	2830	2833	rVV3	5176	7759	0.41%	0.039%
64	19.442	2833	2840	2847	rVB	1388895	1893096	100.00%	9.629%
65	19.983	2930	2932	2936	rVB5	6665	7888	0.42%	0.040%
66	20.018	2936	2938	2939	rBV2	2469	1910	0.10%	0.010%
67	20.183	2964	2966	2968	rBV2	3553	3150	0.17%	0.016%
68	20.336	2989	2992	2995	rBV4	8128	8642	0.46%	0.044%
69	20.477	3013	3016	3021	rVB7	15372	19572	1.03%	0.100%
70	20.606	3034	3038	3042	rBV	49137	58284	3.08%	0.296%
71	20.653	3042	3046	3050	rVB5	18602	26295	1.39%	0.134%

LSC Area Percent Report

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Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	20.942	3091	3095	3097	rBV4	12480	18041	0.95%	0.092%
73	20.977	3097	3101	3106	rVV	127807	155329	8.21%	0.790%
74	21.230	3139	3144	3151	rBV	776824	979807	51.76%	4.984%
75	21.424	3175	3177	3181	rBV5	13018	13040	0.69%	0.066%
76	21.859	3249	3251	3255	rVB3	20991	19151	1.01%	0.097%
77	22.324	3327	3330	3333	rBV	26031	27498	1.45%	0.140%
78	22.824	3413	3415	3421	rVB2	43256	56970	3.01%	0.290%
79	23.306	3489	3497	3505	rBV	968038	1705480	90.09%	8.675%
80	23.394	3508	3512	3514	rVV2	55755	80671	4.26%	0.410%
81	23.441	3514	3520	3528	rVB2	568397	1024565	54.12%	5.212%
82	24.041	3618	3622	3627	rVB3	46612	77183	4.08%	0.393%

Sum of corrected areas: 19659394

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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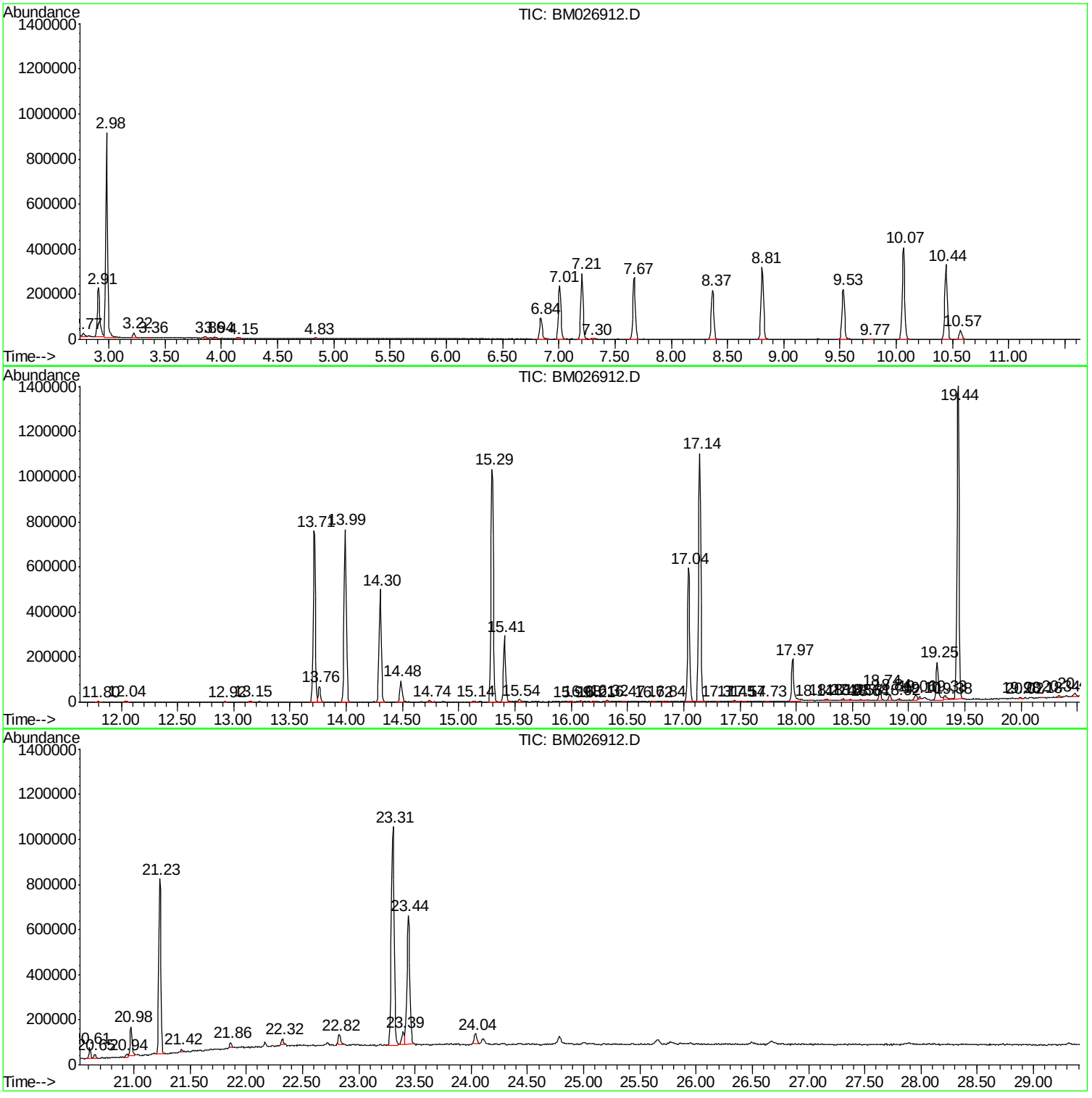
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

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 : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

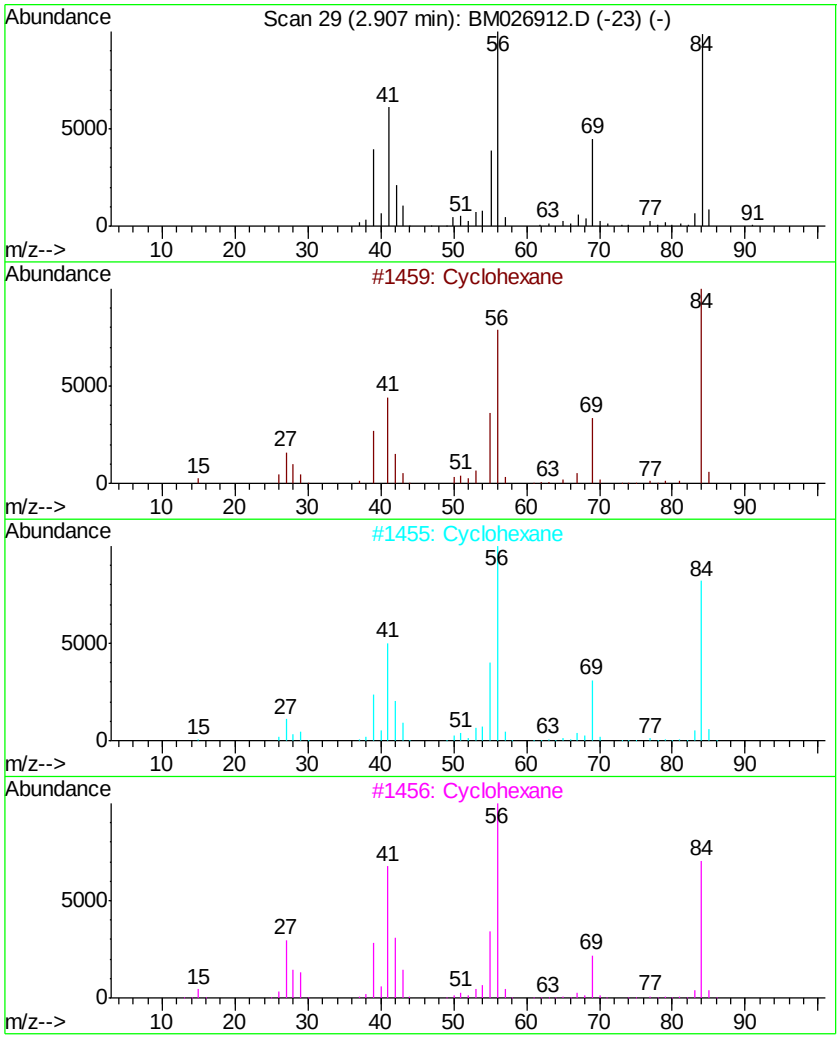
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

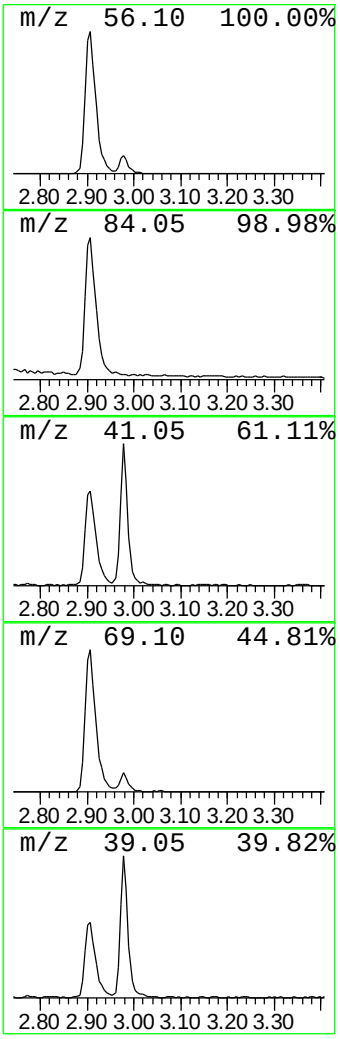
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	16.52 ng/ul	352324	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	74
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

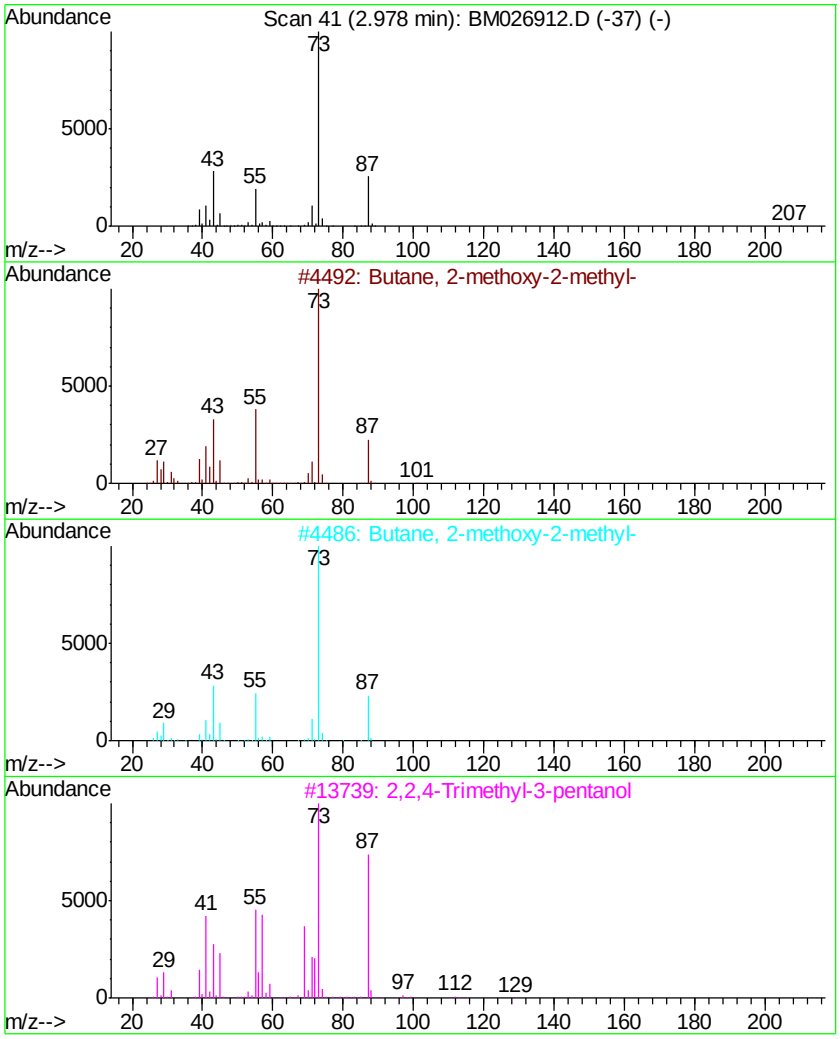
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

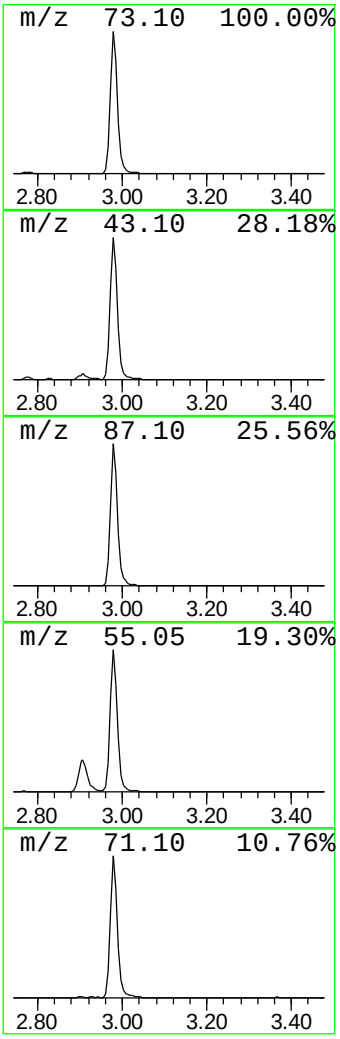
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	49.38 ng/ul	1053150	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

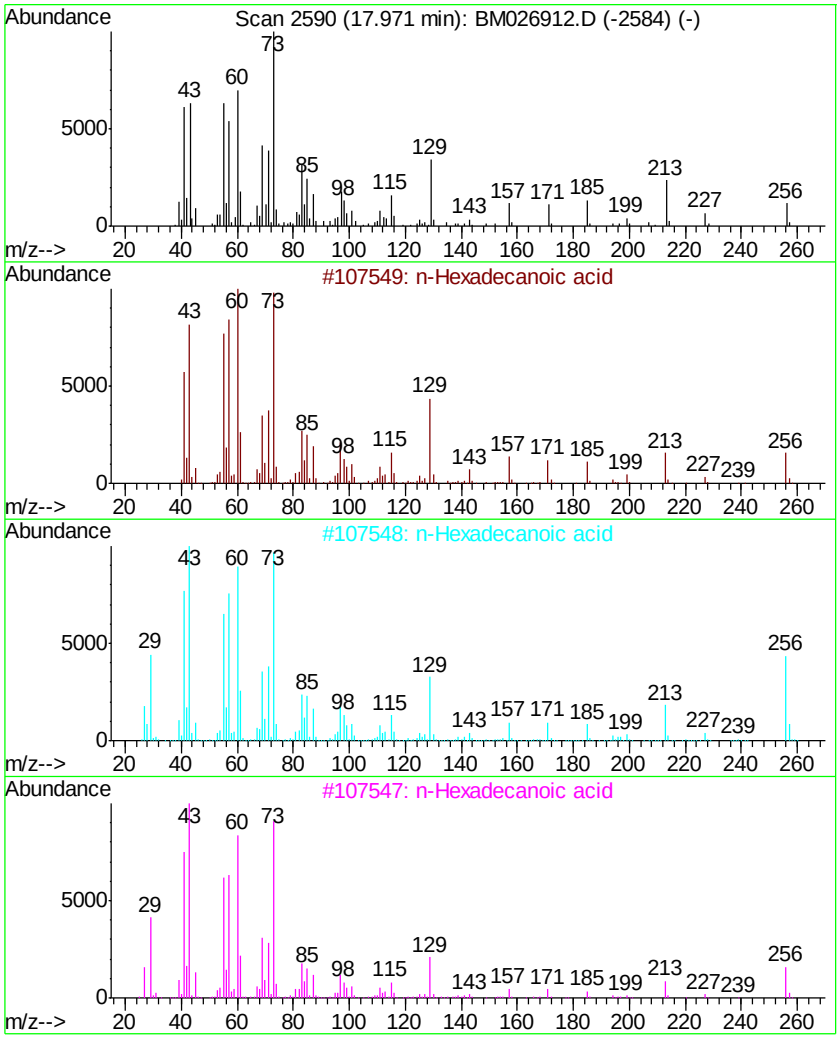
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

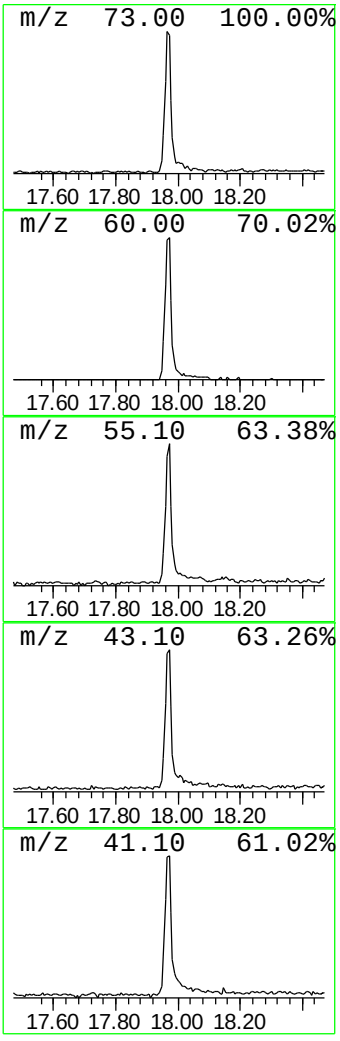
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	7.20 ng/ul	292910	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

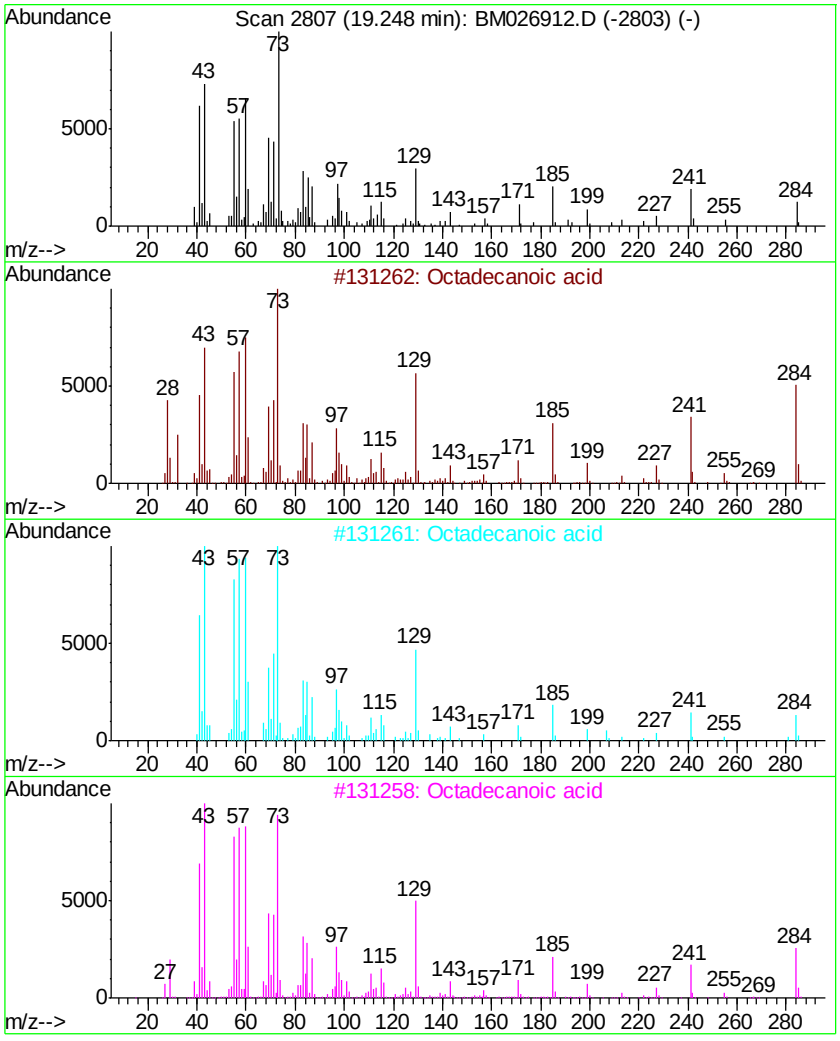
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

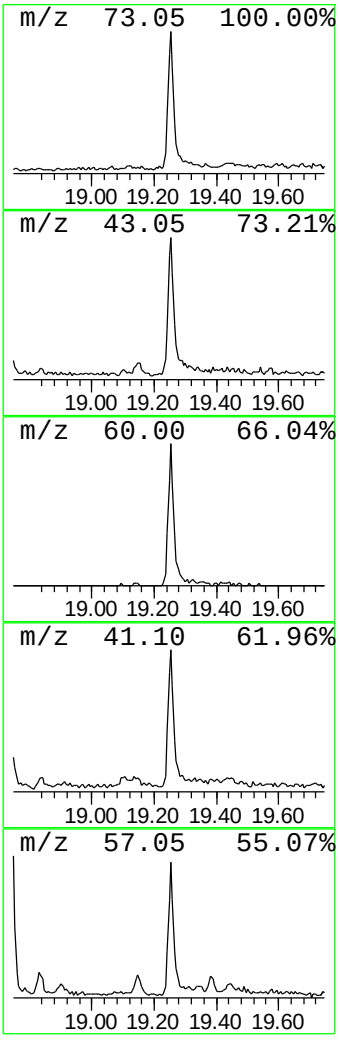
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	4.73 ng/ul	231596	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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

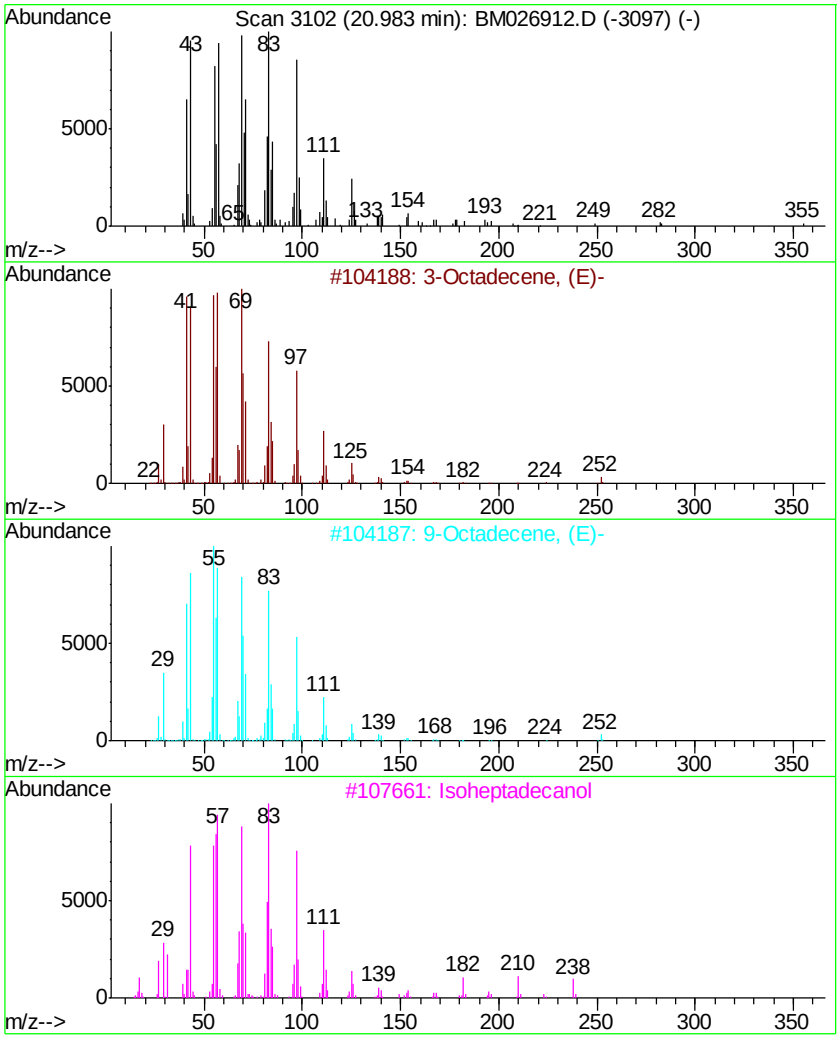
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

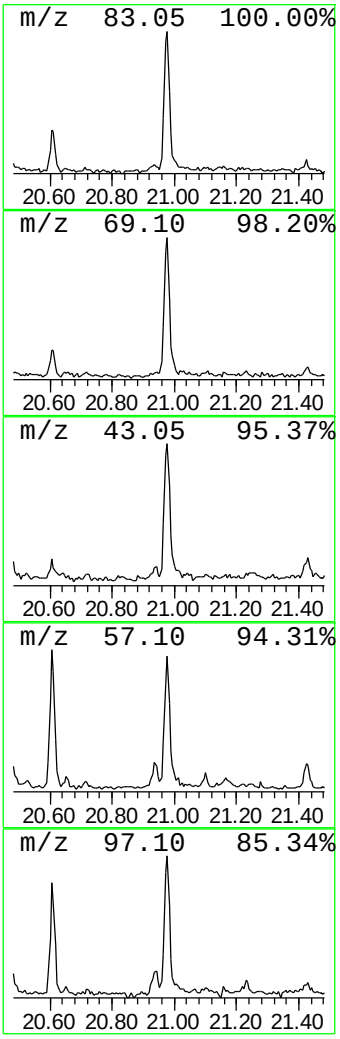
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.17 ng/ul	155329	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3	Isoheptadecanol	256	C17H36O	057289-07-3	90
4	1-Eicosanol	298	C20H42O	000629-96-9	81
5	n-Pentadecanol	228	C15H32O	000629-76-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026912.D
Acq On : 29 Jul 2020 04:45
Operator : JU/CG
Sample : L3443-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	16.5	ng/ul	352324	1	7.67	426509	20.0
Butane, 2-methoxy...	2.98	49.4	ng/ul	1053150	1	7.67	426509	20.0
n-Hexadecanoic acid	17.97	7.2	ng/ul	292910	4	17.04	813992	20.0
Octadecanoic acid	19.25	4.7	ng/ul	231596	5	21.23	979807	20.0
(DEL) Alkane: Str...	20.98	3.2	ng/ul	155329	5	21.23	979807	20.0