LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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	2.766	3	5	14	rVB	325544	381993	22.87%	2.011%
2	2.901	24	28	37	rVV	38732	67903	4.07%	0.357%
3	2.972	37	40	48	rVB	44926	61255	3.67%	0.322%
4	3.213	77	81	91	rVB	24386	34576	2.07%	0.182%
5	3.760	170	174	184	rVB4	13212	21861	1.31%	0.115%
6	3.937	201	204	211	rVB5	4780	7255	0.43%	0.038%
7	4.378	277	279	283	rBV4	1904	1911	0.11%	0.010%
8	5.884	531	535	541	rBV4	1265	2303	0.14%	0.012%
9	6.836	690	697	705	rBV	382423	570515	34.16%	3.004%
10	7.001	718	725	734	rVV	246895	387881	23.23%	2.042%
11	7.195	752	758	767	rVB	367084	580920	34.79%	3.058%
12	7.660	831	837	846	rVB	264431	416448	24.94%	2.192%
13	8.360	949	956	965	rBV	436309	664460	39.79%	3.498%
14	8.801	1023	1031	1044	rVB	333700	521200	31.21%	2.744%
15	9.519	1144	1153	1162	rBV	253725	410418	24.58%	2.161%
16	10.054	1234	1244	1254	rBV	436400	704106	42.16%	3.707%
17	10.436	1301	1309	1316	rBV	318258	535348	32.06%	2.818%
18	10.566	1322	1331	1340	rBV	397659	654177	39.17%	3.444%
19	12.024	1575	1579	1584	rVB	5809	7861	0.47%	0.041%
20	13.707	1859	1865	1873	rBV	707227	946590	56.68%	4.984%
21	13.983	1905	1912	1921	rBV	736358	1075047	64.38%	5.660%
22	14.107	1925	1933	1939	rVV4	10422	26835	1.61%	0.141%
23	14.295	1957	1965	1975	rVB	504384	727189	43.55%	3.828%
24	14.483	1990	1997	2003	rBV	396929	541212	32.41%	2.849%
25	15.289	2126	2134	2141	rBV	940534	1302169	77.98%	6.856%
26	15.401	2147	2153	2161	rBV	244815	328540	19.67%	1.730%
27	15.471	2164	2165	2170	rVV2	2488	2074	0.12%	0.011%
28	15.530	2170	2175	2180	rVV3	8353	11639	0.70%	0.061%
29	15.906	2234	2239	2242	rBV2	1314	1898	0.11%	0.010%
30	16.071	2264	2267	2270	rBV2	3524	3738	0.22%	0.020%
31	16.389	2318	2321	2325	rVB2	1225	1800	0.11%	0.009%
32	16.824	2391	2395	2400	rVB2	2465	2599	0.16%	0.014%
33	17.036	2424	2431	2437	rBV	604131	858788	51.43%	4.521%
34	17.130	2442	2447	2457	rVB	986149	1383684	82.86%	7.285%

LSC Area Percent Report

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Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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	17.265	2466	2470	2471	rBV3	2104	1939	0.12%	0.010%
36	17.948	2583	2586	2591	rBV5	11214	15233	0.91%	0.080%
37	18.042	2599	2602	2606	rBV2	1935	2796	0.17%	0.015%
38	18.400	2659	2663	2665	rVB5	1777	2176	0.13%	0.011%
39	18.424	2665	2667	2671	rBV2	1794	2548	0.15%	0.013%
40	19.065	2771	2776	2778	rBV3	8824	12045	0.72%	0.063%
41	19.159	2790	2792	2796	rVB5	3103	3025	0.18%	0.016%
42	19.236	2802	2805	2811	rVB6	8337	11960	0.72%	0.063%
43	19.318	2815	2819	2821	rBV2	8372	8347	0.50%	0.044%
44	19.430	2829	2838	2843	rBV	1173937	1593922	95.45%	8.392%
45	19.494	2847	2849	2850	rBV2	2090	1785	0.11%	0.009%
46	19.600	2863	2867	2868	rBV3	2553	3633	0.22%	0.019%
47	19.700	2882	2884	2888	rBV5	2614	2965	0.18%	0.016%
48	20.447	3007	3011	3013	rBV5	6017	8498	0.51%	0.045%
49	21.224	3138	3143	3149	rBV	834726	1008196	60.37%	5.308%
50	22.812	3410	3413	3418	rVB2	43150	55271	3.31%	0.291%
51	23.294	3488	3495	3503	rBV	954438	1669969	100.00%	8.792%
52	23.377	3505	3509	3512	rVV2	60415	101355	6.07%	0.534%
53	23.430	3512	3518	3528	rVB2	542142	1029824	61.67%	5.422%
54	24.012	3614	3617	3625	rVB4	55784	101003	6.05%	0.532%
55	24.753	3740	3743	3752	rVB3	55550	111570	6.68%	0.587%

Sum of corrected areas: 18994253

LSC Report - Integrated Chromatogram

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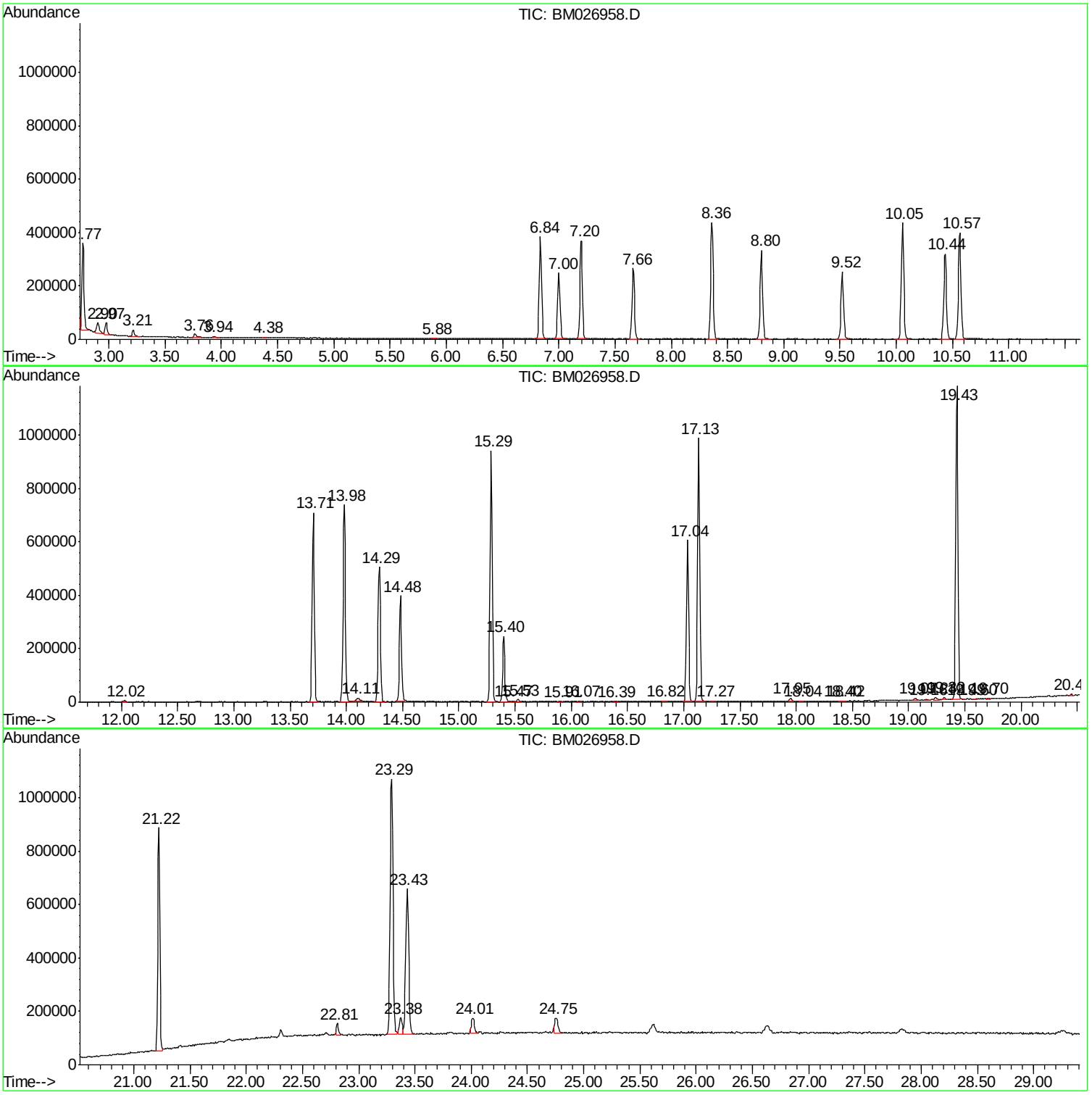
Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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\BM073120\
Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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

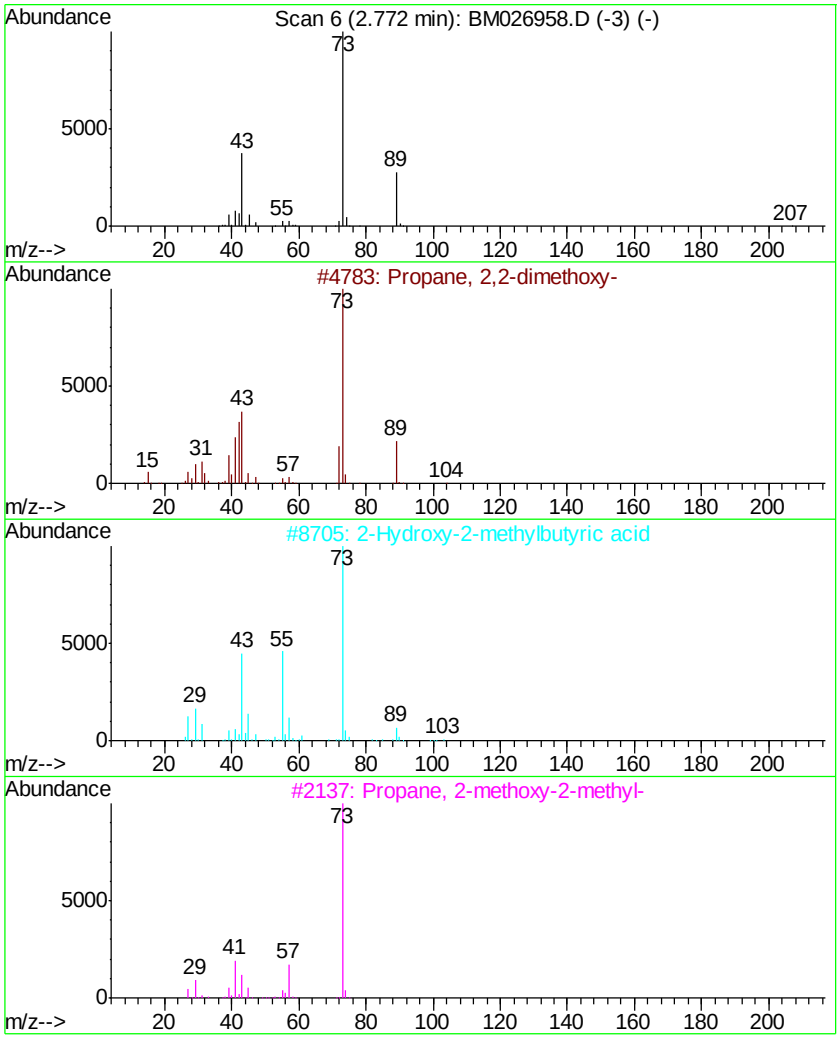
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

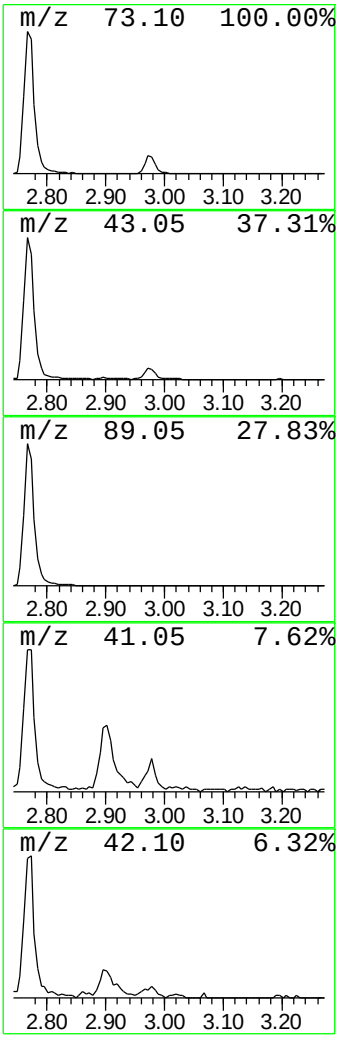
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	18.35 ng/ul	381993	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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

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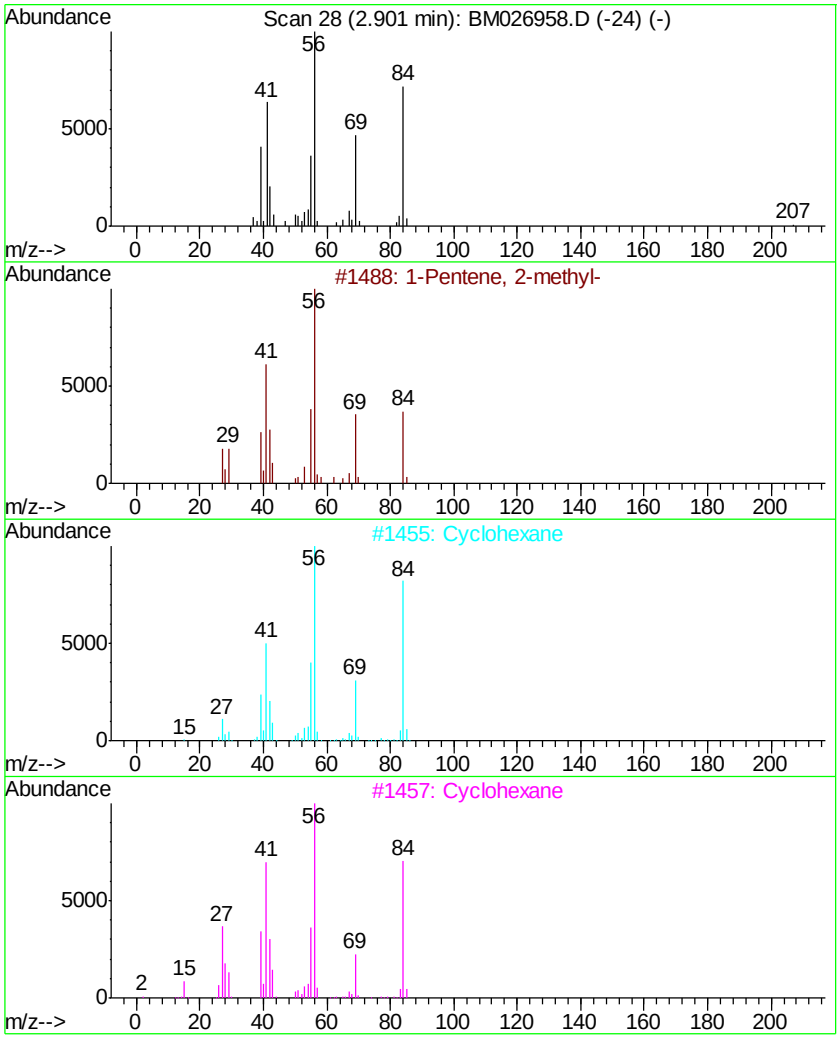
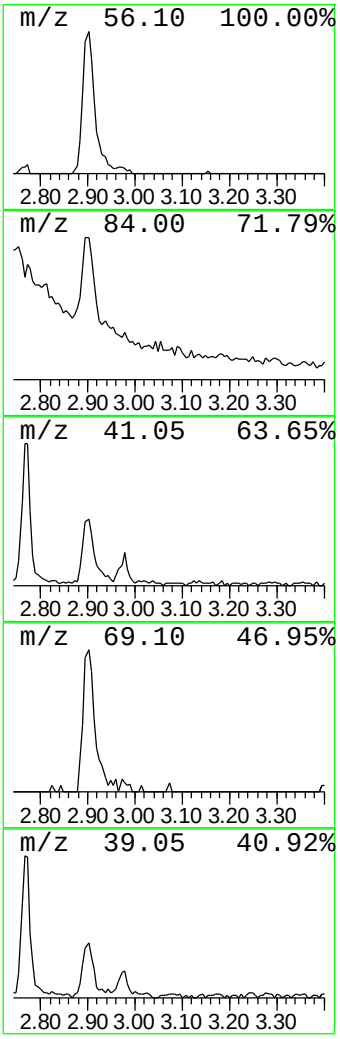
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	3.26 ng/ul	67903	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62
2	Cyclohexane	84	C6H12	000110-82-7	62
3	Cyclohexane	84	C6H12	000110-82-7	62
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclohexane	84	C6H12	000110-82-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026958.D
Acq On : 31 Jul 2020 15:01
Operator : JU/CG
Sample : PB130585BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK85

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

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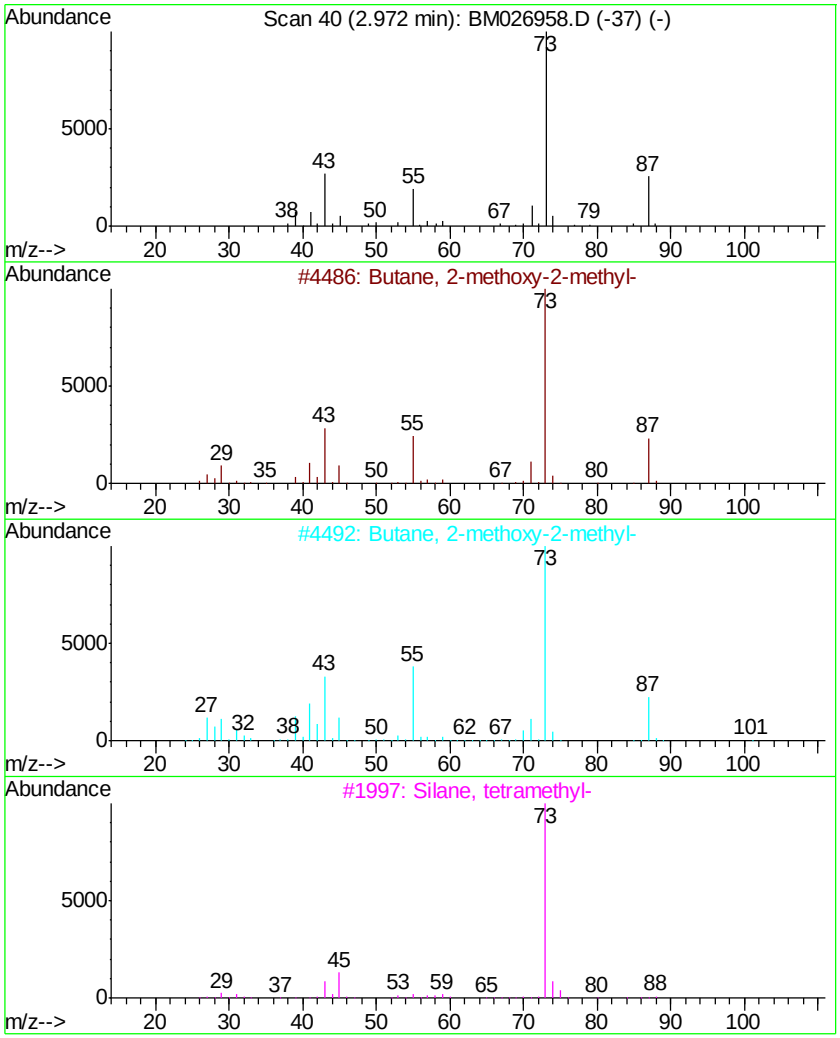
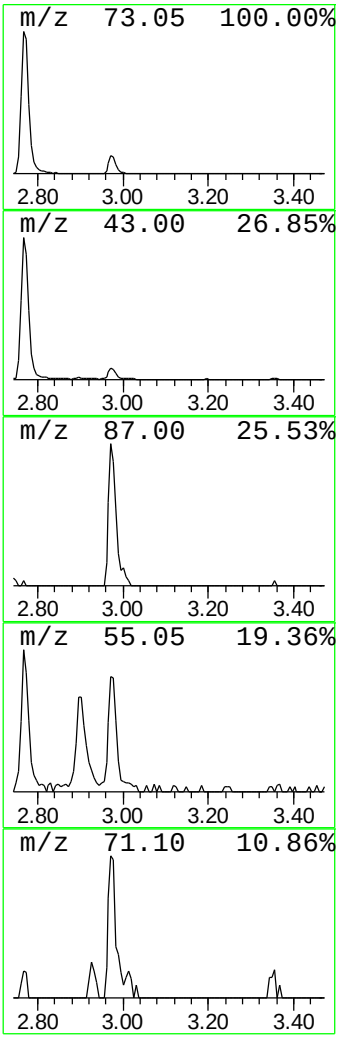
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	2.94 ng/ul	61255	1,4-Dichlorobenzene-d4	7.66

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	50
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_M
ClientSampleId : SBLK85

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

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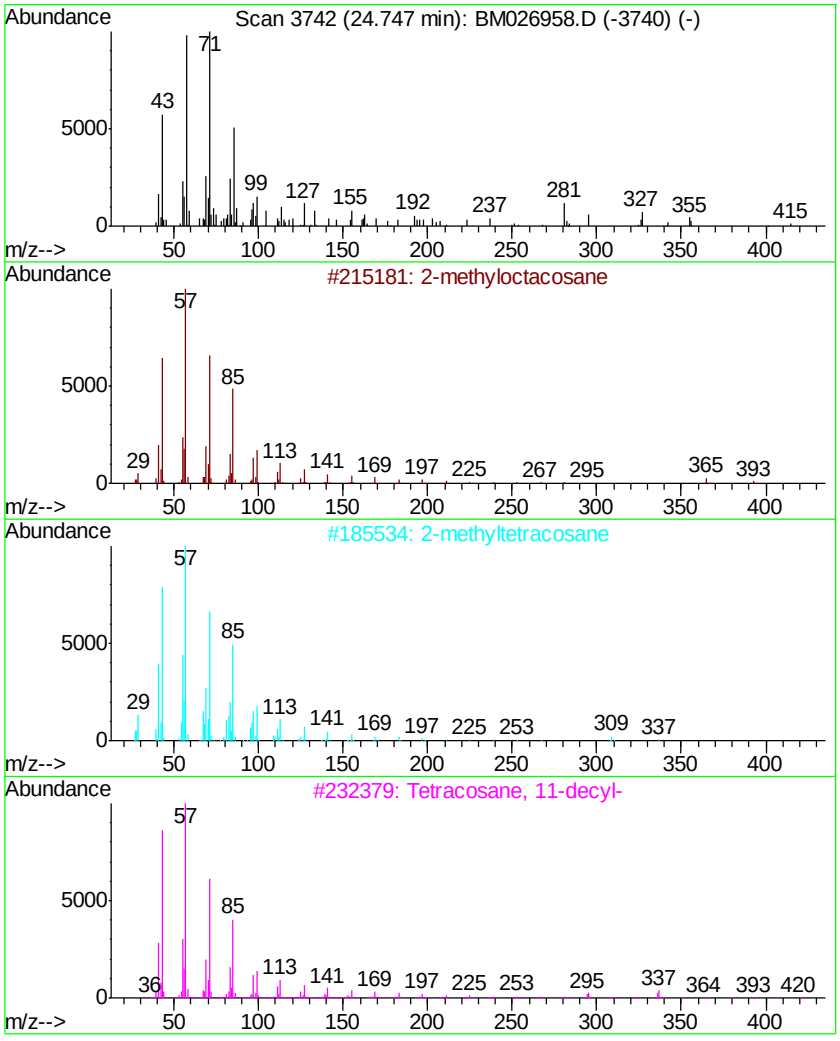
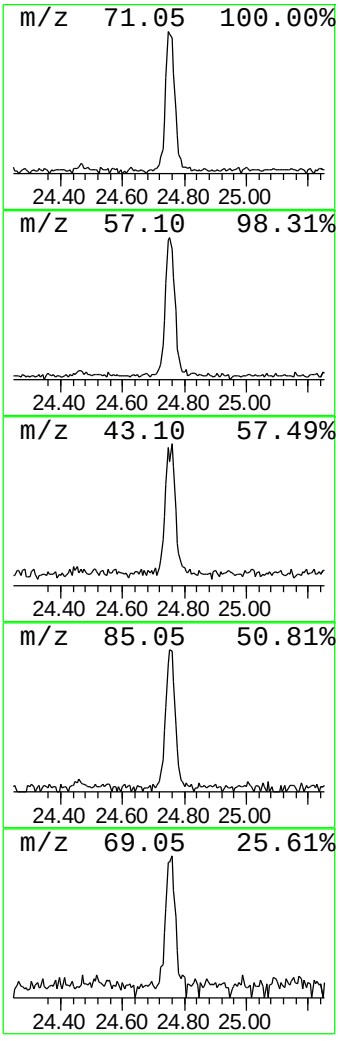
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.75	2.17 ng/ul	111570	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	2-methyltetracosane	352	C25H52	1000376-72-6	80
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Hexatriacontane	507	C36H74	000630-06-8	72





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : SBLK85

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
unknown-01	2.77	18.4	ng/ul	381993	1	7.66	416448	20.0
(DEL) Alkane: Str...	2.90	3.3	ng/ul	67903	1	7.66	416448	20.0
Butane, 2-methoxy...	2.97	2.9	ng/ul	61255	1	7.66	416448	20.0
(DEL) Alkane: Str...	24.75	2.2	ng/ul	111570	6	23.43	1029820	20.0