LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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	13	rVB	180409	206302	16.56%	1.052%
2	2.907	24	29	37	rBV	161611	281122	22.57%	1.434%
3	2.978	37	41	59	rVB	647068	798485	64.10%	4.072%
4	3.219	78	82	90	rVV	37912	48742	3.91%	0.249%
5	3.290	92	94	96	rBV3	1856	1597	0.13%	0.008%
6	3.484	124	127	132	rBV2	4874	6822	0.55%	0.035%
7	3.672	157	159	161	rBV3	1499	1520	0.12%	0.008%
8	3.772	172	176	180	rBV3	10319	13648	1.10%	0.070%
9	3.854	186	190	197	rVV5	4666	7133	0.57%	0.036%
10	3.949	201	206	209	rVB4	5886	8438	0.68%	0.043%
11	4.013	216	217	220	rBV2	1829	1836	0.15%	0.009%
12	4.154	236	241	248	rVB2	11284	16222	1.30%	0.083%
13	4.301	264	266	269	rVB3	1843	1660	0.13%	0.008%
14	4.548	305	308	314	rVB4	5719	8654	0.69%	0.044%
15	4.825	352	355	362	rBV5	3696	6259	0.50%	0.032%
16	6.842	691	698	709	rBV	352453	540023	43.35%	2.754%
17	7.007	719	726	737	rBV	265730	404818	32.50%	2.064%
18	7.207	753	760	768	rVB	354993	554300	44.50%	2.827%
19	7.278	768	772	781	rVV3	9630	16473	1.32%	0.084%
20	7.666	832	838	847	rVB	326495	506769	40.68%	2.584%
21	7.748	847	852	855	rVB5	2026	3184	0.26%	0.016%
22	8.366	951	957	965	rBV	394815	595605	47.82%	3.037%
23	8.807	1025	1032	1040	rBV	347541	540259	43.37%	2.755%
24	9.525	1148	1154	1162	rBV	247237	393756	31.61%	2.008%
25	10.060	1234	1245	1258	rBV	426347	679747	54.57%	3.466%
26	10.442	1303	1310	1317	rBV	400268	658862	52.89%	3.360%
27	10.572	1325	1332	1343	rVB	356581	600493	48.21%	3.062%
28	11.901	1554	1558	1561	rBV	898	1647	0.13%	0.008%
29	12.030	1573	1580	1585	rBV4	5021	6988	0.56%	0.036%
30	13.142	1766	1769	1773	rBV2	1356	1528	0.12%	0.008%
31	13.218	1778	1782	1788	rVV2	6023	9637	0.77%	0.049%
32	13.713	1860	1866	1870	rBV	747739	973907	78.19%	4.966%
33	13.760	1870	1874	1881	rVB	316555	413373	33.19%	2.108%
34	13.989	1906	1913	1920	rBV	669444	910953	73.13%	4.645%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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	14.236	1952	1955	1959	rBV2	1906	2514	0.20%	0.013%
36	14.301	1959	1966	1973	rVB	609835	881556	70.77%	4.495%
37	14.489	1992	1998	2011	rBV	299878	418705	33.61%	2.135%
38	14.583	2011	2014	2020	rVB4	1628	2777	0.22%	0.014%
39	14.830	2050	2056	2068	rBV2	14315	29540	2.37%	0.151%
40	15.130	2102	2107	2111	rVB3	1849	2807	0.23%	0.014%
41	15.189	2113	2117	2120	rBV2	2647	3529	0.28%	0.018%
42	15.295	2129	2135	2143	rVB	713432	964327	77.42%	4.917%
43	15.407	2148	2154	2161	rBV	181426	241401	19.38%	1.231%
44	15.536	2172	2176	2180	rBV2	5402	6677	0.54%	0.034%
45	15.989	2247	2253	2259	rBV7	2191	4673	0.38%	0.024%
46	16.054	2259	2264	2265	rVV2	2301	2174	0.17%	0.011%
47	16.077	2265	2268	2271	rVV4	2669	3829	0.31%	0.020%
48	16.107	2271	2273	2277	rVB4	1325	1736	0.14%	0.009%
49	16.207	2286	2290	2295	rVB5	2334	3380	0.27%	0.017%
50	16.318	2304	2309	2315	rVB3	11230	15304	1.23%	0.078%
51	16.465	2330	2334	2339	rVV5	4613	7553	0.61%	0.039%
52	16.530	2343	2345	2348	rVV3	1944	2056	0.17%	0.010%
53	16.565	2348	2351	2355	rVV4	1446	1909	0.15%	0.010%
54	16.783	2383	2388	2389	rBV4	1864	2382	0.19%	0.012%
55	16.806	2389	2392	2393	rBV3	2681	2612	0.21%	0.013%
56	16.818	2393	2394	2397	rBV3	1530	1841	0.15%	0.009%
57	16.965	2415	2419	2422	rBV4	5650	7174	0.58%	0.037%
58	17.042	2426	2432	2438	rVV	766647	1045823	83.96%	5.333%
59	17.142	2442	2449	2458	rVV	709376	1019646	81.86%	5.200%
60	17.224	2460	2463	2464	rBV3	2887	3058	0.25%	0.016%
61	17.248	2464	2467	2468	rVB3	2742	2747	0.22%	0.014%
62	17.306	2473	2477	2480	rBV5	2206	3279	0.26%	0.017%
63	17.453	2497	2502	2506	rVB7	3212	5636	0.45%	0.029%
64	17.489	2506	2508	2510	rBV3	1992	1746	0.14%	0.009%
65	17.583	2519	2524	2525	rBV4	1971	2602	0.21%	0.013%
66	17.842	2561	2568	2575	rBV6	10011	22274	1.79%	0.114%
67	17.901	2575	2578	2582	rBV5	3875	5958	0.48%	0.030%
68	17.965	2584	2589	2595	rBV	165758	222331	17.85%	1.134%
69	18.083	2605	2609	2615	rVB8	6006	10856	0.87%	0.055%
70	18.265	2634	2640	2645	rBV8	6747	13828	1.11%	0.071%
71	18.424	2665	2667	2671	rVB4	2464	2976	0.24%	0.015%

LSC Area Percent Report

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Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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	18.565	2688	2691	2700	rVB6	6907	12072	0.97%	0.062%
73	18.630	2700	2702	2704	rBV3	3379	2945	0.24%	0.015%
74	18.742	2716	2721	2724	rBV	16051	20856	1.67%	0.106%
75	18.830	2733	2736	2740	rVB6	6052	7464	0.60%	0.038%
76	18.906	2747	2749	2754	rVB6	3159	4017	0.32%	0.020%
77	19.071	2772	2777	2780	rBV2	5583	10515	0.84%	0.054%
78	19.095	2780	2781	2784	rVV3	4377	4475	0.36%	0.023%
79	19.142	2787	2789	2797	rVB6	9389	16360	1.31%	0.083%
80	19.200	2797	2799	2803	rVB5	2608	3353	0.27%	0.017%
81	19.248	2803	2807	2814	rBV3	49372	70499	5.66%	0.359%
82	19.330	2817	2821	2824	rVB4	6356	10266	0.82%	0.052%
83	19.436	2833	2839	2848	rBV	718172	920191	73.87%	4.692%
84	19.530	2853	2855	2858	rBV4	2541	3090	0.25%	0.016%
85	19.736	2888	2890	2893	rVB4	2755	1566	0.13%	0.008%
86	19.983	2929	2932	2935	rBV5	8602	9401	0.75%	0.048%
87	20.053	2942	2944	2945	rBV2	3783	2720	0.22%	0.014%
88	20.471	3013	3015	3017	rBV3	6738	5207	0.42%	0.027%
89	20.606	3034	3038	3045	rBV3	29022	38387	3.08%	0.196%
90	20.971	3096	3100	3108	rBV	284960	350220	28.12%	1.786%
91	21.230	3139	3144	3150	rBV	1009688	1213945	97.46%	6.190%
92	21.418	3174	3176	3180	rVB5	16661	18389	1.48%	0.094%
93	21.859	3248	3251	3256	rVB2	49042	60223	4.83%	0.307%
94	22.824	3411	3415	3418	rBV	73869	104735	8.41%	0.534%
95	23.300	3490	3496	3505	rVB	457836	812810	65.25%	4.145%
96	23.388	3507	3511	3514	rVV	66254	105244	8.45%	0.537%
97	23.441	3514	3520	3528	rVB2	671415	1245627	100.00%	6.352%
98	24.030	3616	3620	3626	rVB2	76379	127495	10.24%	0.650%
99	24.100	3628	3632	3640	rVB4	62172	125867	10.10%	0.642%
100	24.771	3742	3746	3753	rVB3	54747	108452	8.71%	0.553%

Sum of corrected areas: 19610369

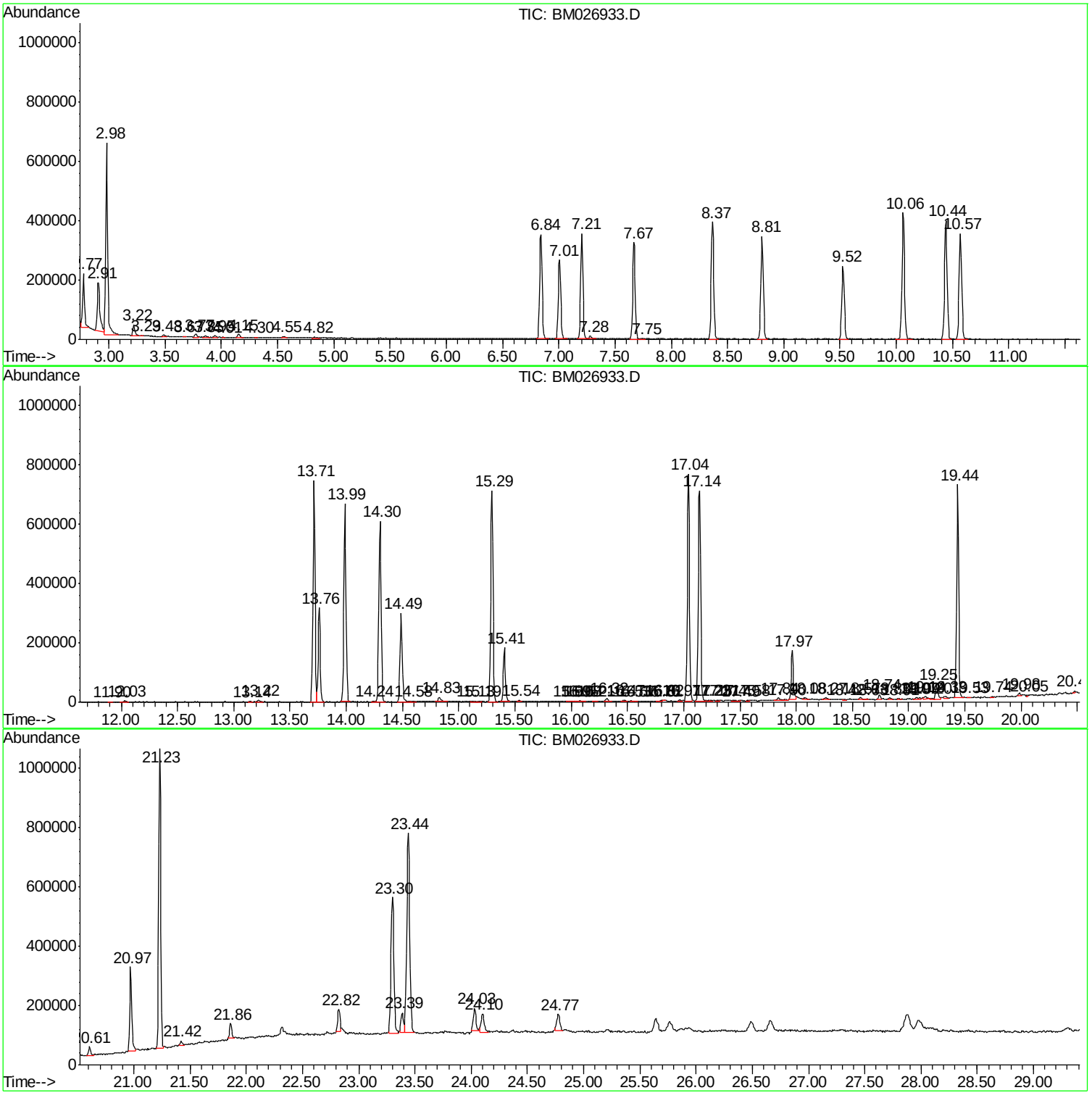
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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 : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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

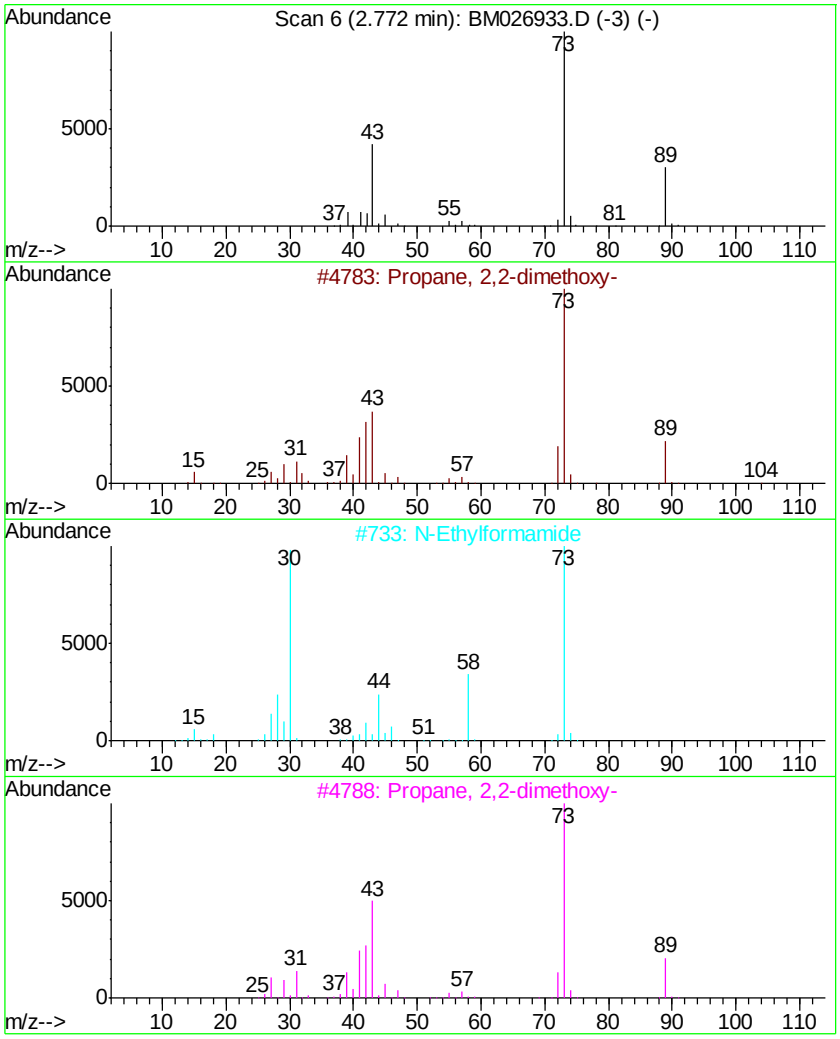
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

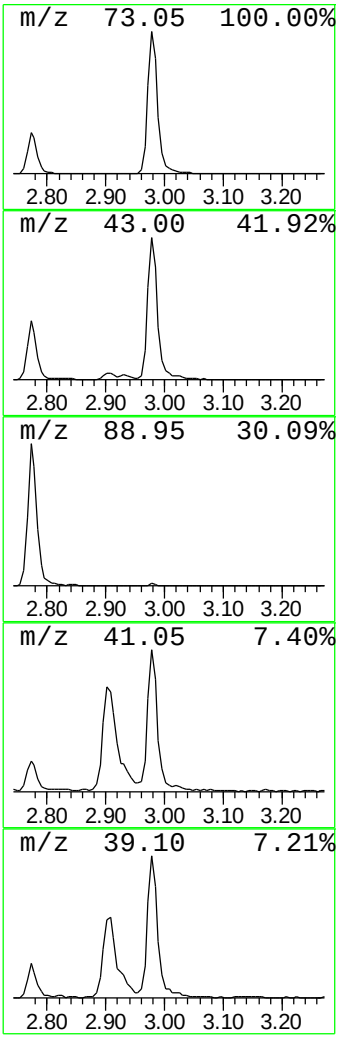
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	8.14 ng/ul	206302	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	37
3	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	30
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

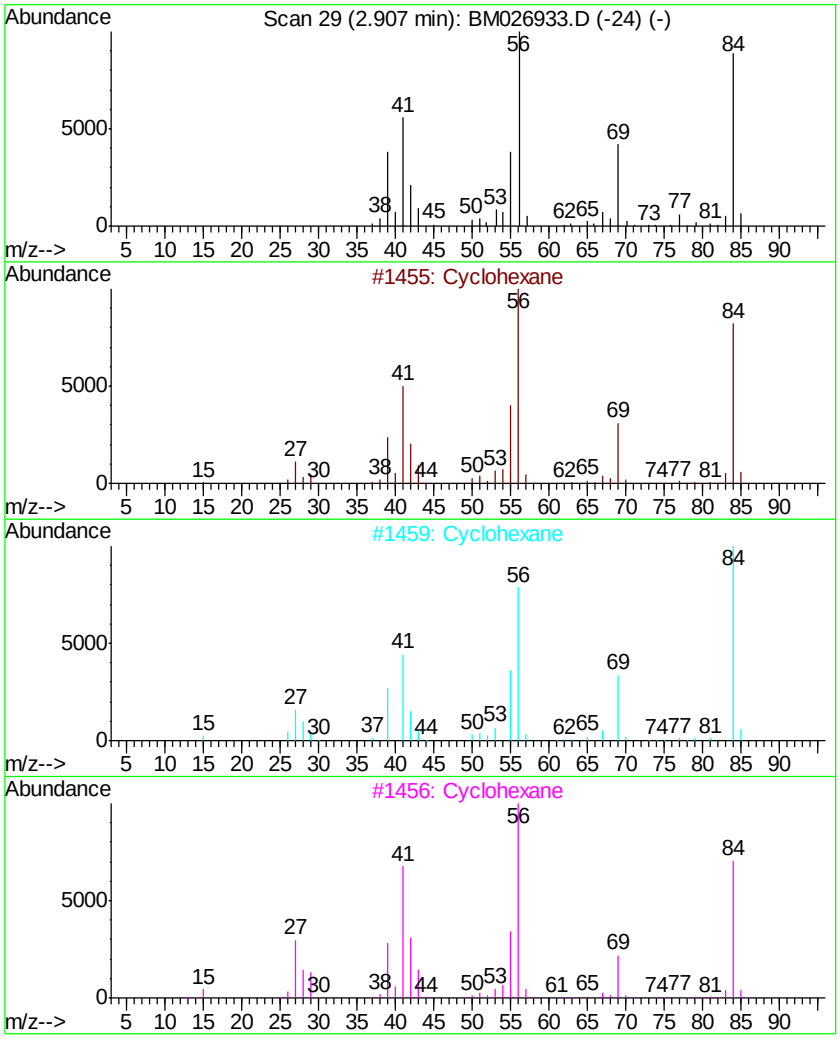
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

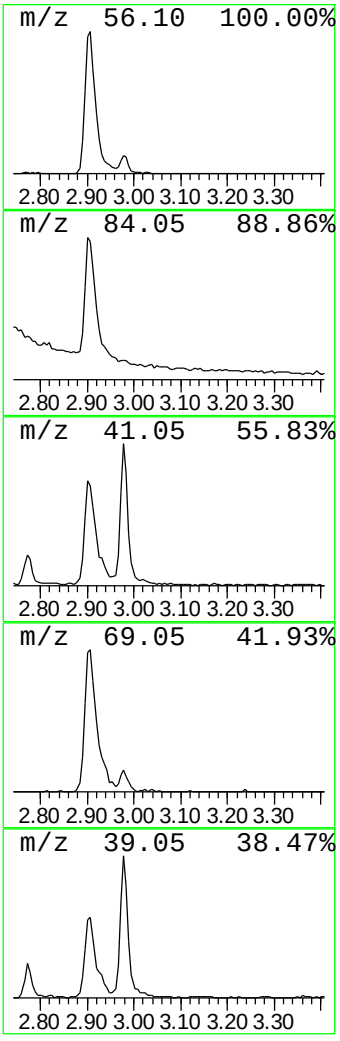
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	11.09 ng/ul	281122	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	Cyclohexane	84	C6H12	000110-82-7	76
3	Cyclohexane	84	C6H12	000110-82-7	74
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	Cyclohexane	84	C6H12	000110-82-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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

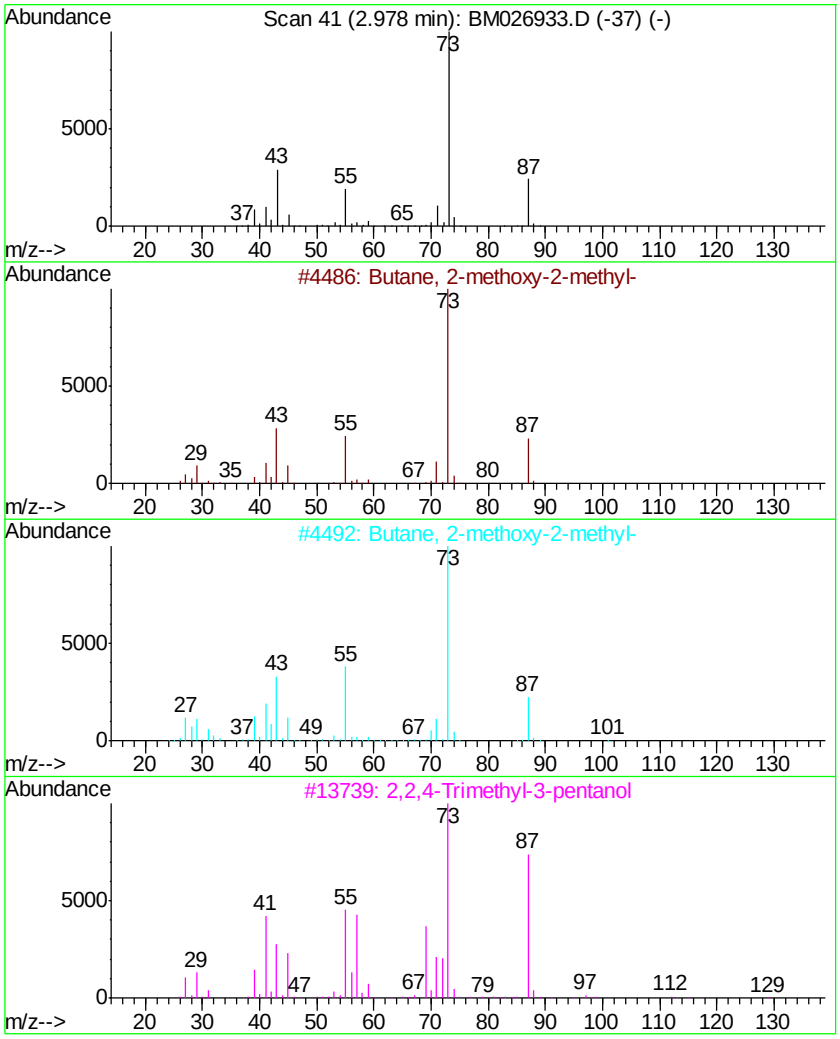
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

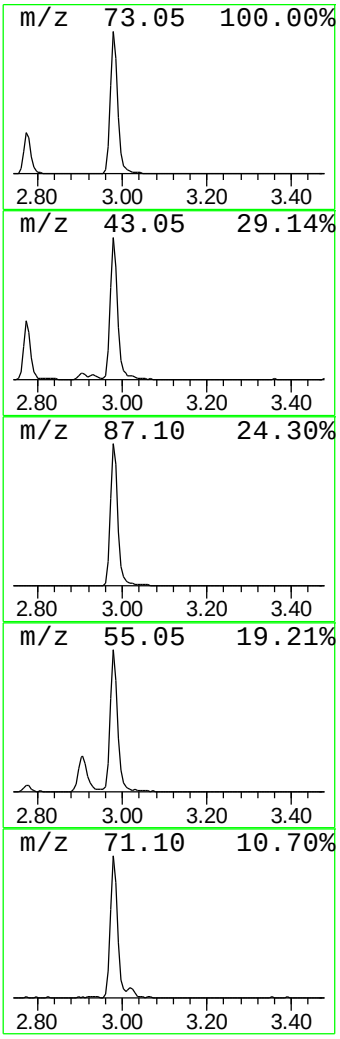
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	31.51 ng/ul	798485	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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

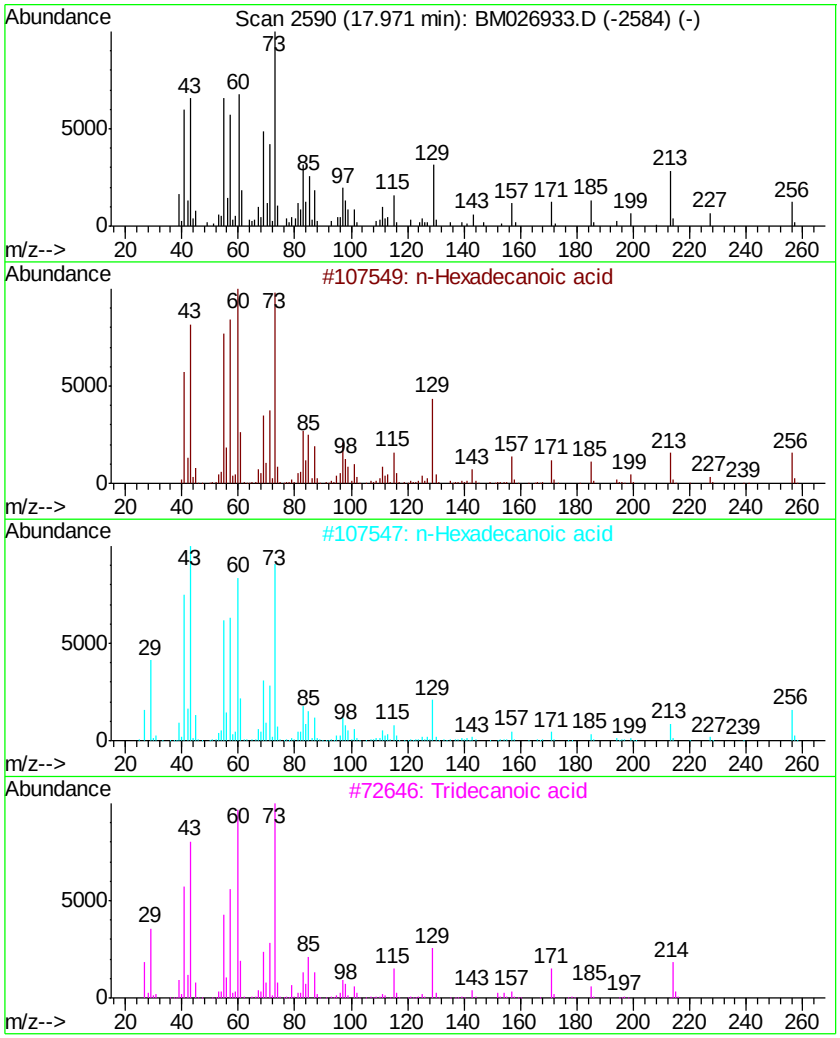
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

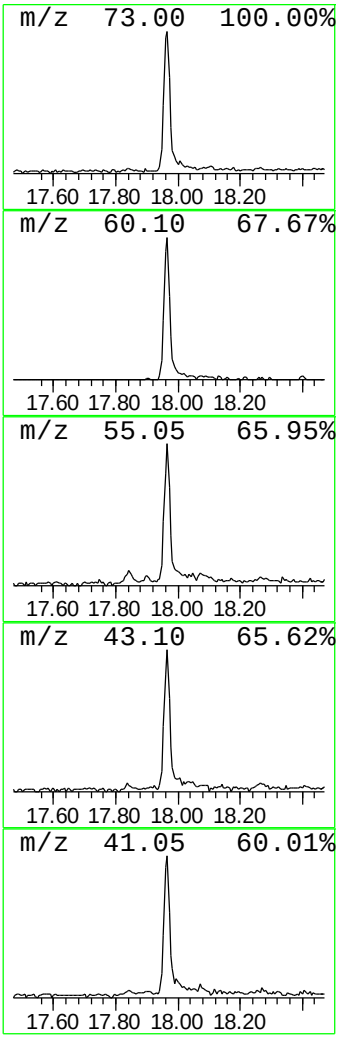
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.25 ng/ul	222331	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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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

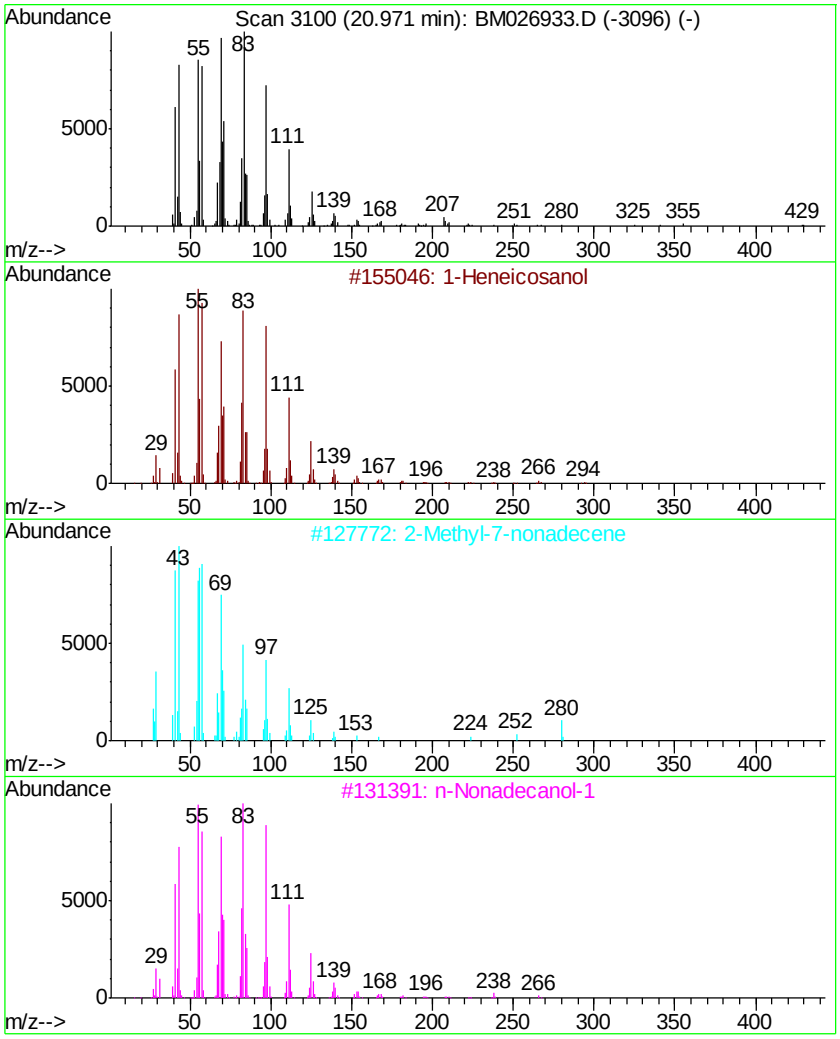
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

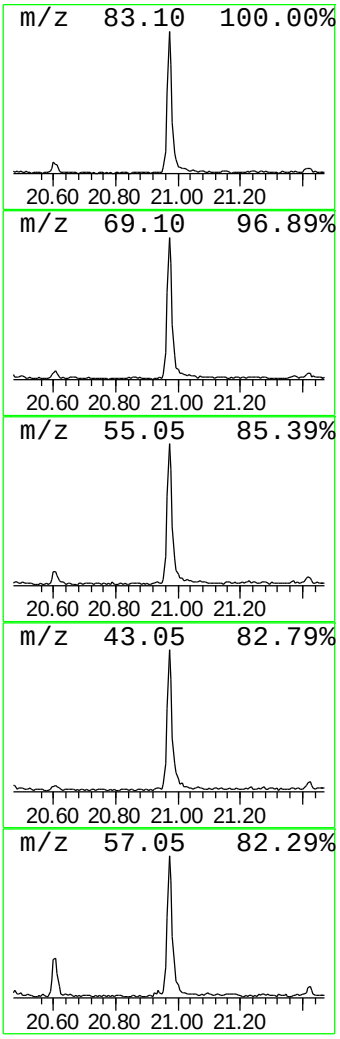
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.77 ng/ul	350220	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	90
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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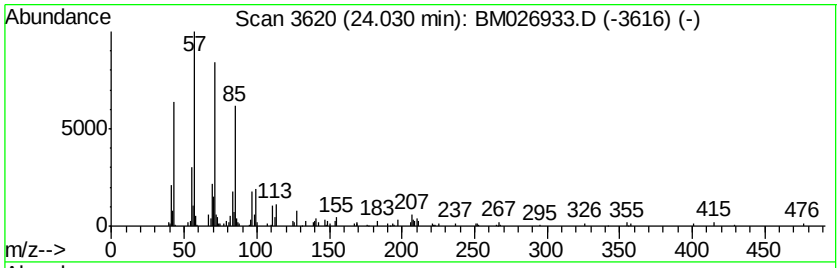
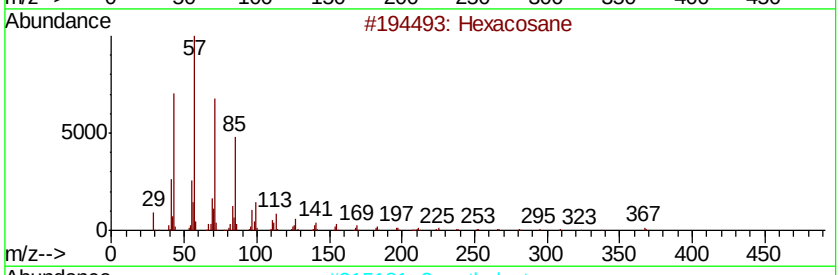
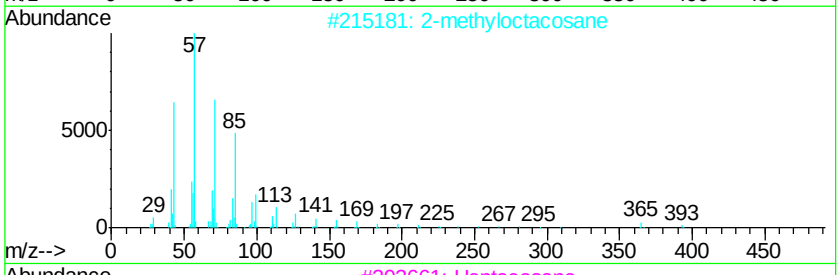
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

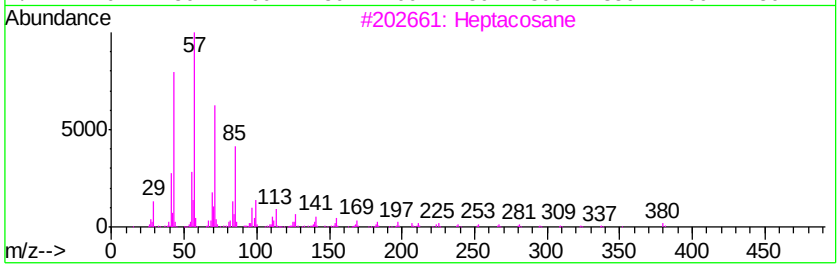
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.05 ng/ul	127495	Perylene-d12	23.44

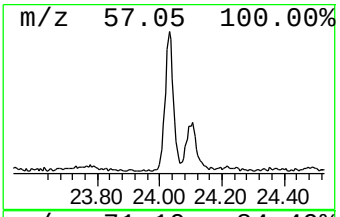
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Heneicosane	296	C21H44	000629-94-7	83

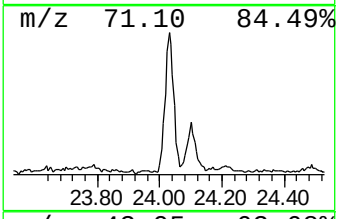


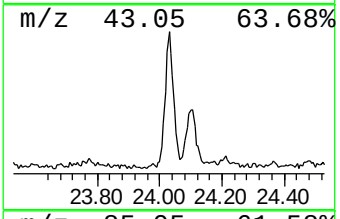


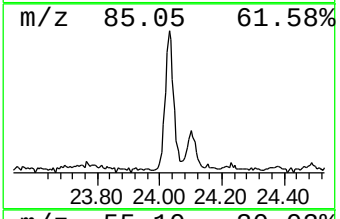


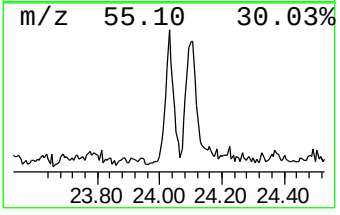












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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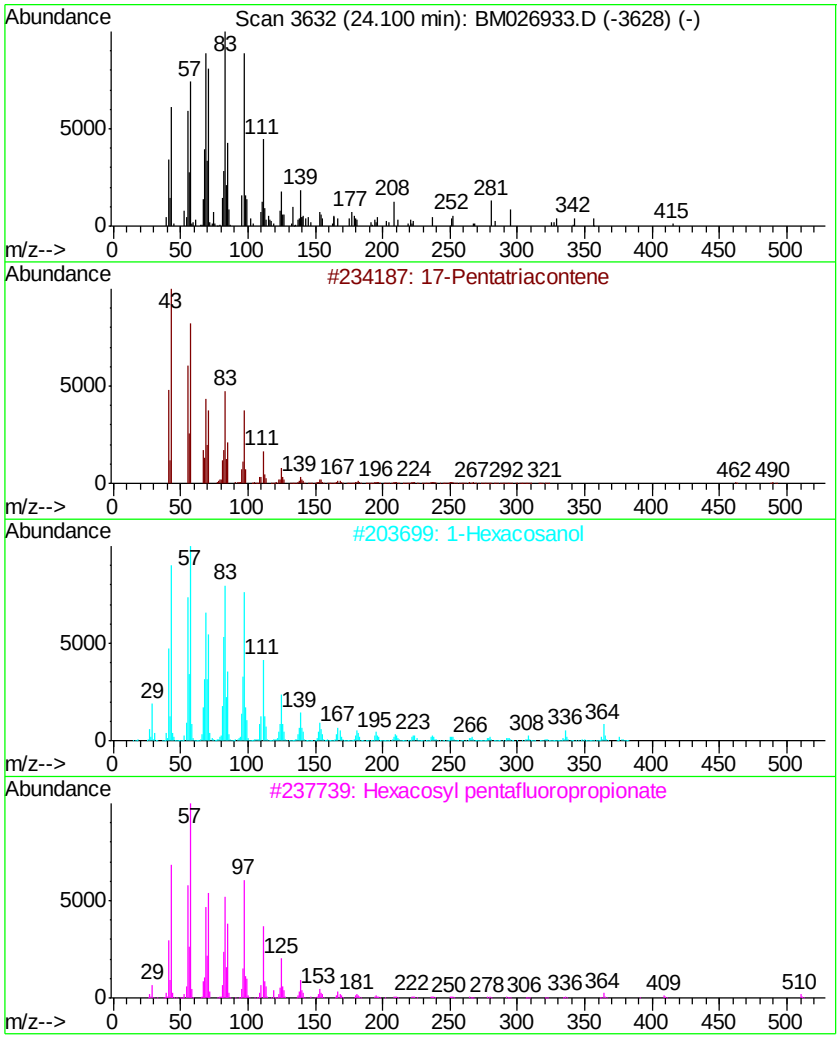
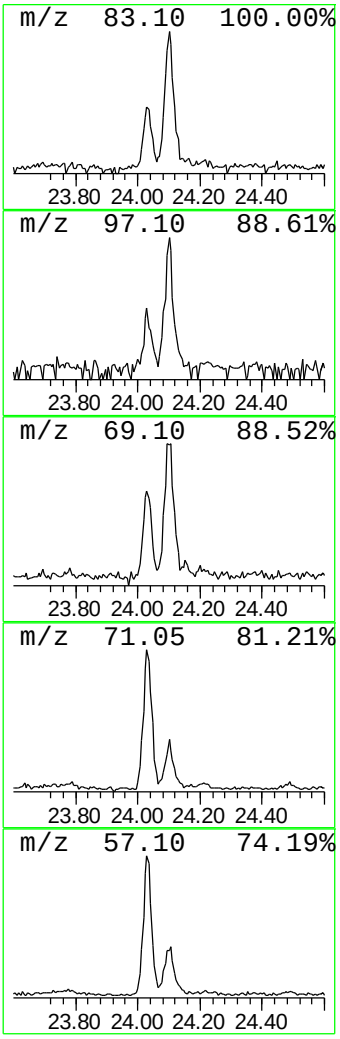
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.02 ng/ul	125867	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	80
2	1-Hexacosanol	382	C26H54O	000506-52-5	58
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	53
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	53
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026933.D
Acq On : 29 Jul 2020 19:30
Operator : JU/CG
Sample : L3419-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF3

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	8.1	ng/ul	206302	1	7.67	506769	20.0
(DEL) Alkane: Str...	2.91	11.1	ng/ul	281122	1	7.67	506769	20.0
Butane, 2-methoxy...	2.98	31.5	ng/ul	798485	1	7.67	506769	20.0
n-Hexadecanoic acid	17.97	4.3	ng/ul	222331	4	17.04	1045820	20.0
1-Heneicosanol	20.97	5.8	ng/ul	350220	5	21.23	1213950	20.0
(DEL) Alkane: Str...	24.03	2.0	ng/ul	127495	6	23.44	1245630	20.0
(DEL) Alkane: Str...	24.10	2.0	ng/ul	125867	6	23.44	1245630	20.0