LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

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-BM061419MA.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	3.016	3	5	24	rVB	1999399	2576102	37.02%	3.666%
2	4.416	238	243	252	rVB	157911	233073	3.35%	0.332%
3	6.875	655	661	665	rBV	101562	146603	2.11%	0.209%
4	6.934	665	671	684	rVB	601443	976009	14.02%	1.389%
5	7.110	695	701	710	rBV	469980	760837	10.93%	1.083%
6	7.298	727	733	743	rVB	645380	1037380	14.91%	1.476%
7	7.769	806	813	820	rBV	781615	1247042	17.92%	1.774%
8	8.469	926	932	943	rBV	751349	1231933	17.70%	1.753%
9	8.598	949	954	960	rVB2	10766	18717	0.27%	0.027%
10	8.928	1002	1010	1019	rBV	660267	1099078	15.79%	1.564%
11	9.298	1068	1073	1079	rVB	65647	93414	1.34%	0.133%
12	9.645	1125	1132	1144	rVB	572300	947519	13.62%	1.348%
13	10.175	1215	1222	1238	rBV	975667	1640359	23.57%	2.334%
14	10.557	1278	1287	1295	rBV	1164138	1987694	28.56%	2.828%
15	10.698	1304	1311	1336	rVB	773523	1431511	20.57%	2.037%
16	11.786	1490	1496	1503	rVB	45303	68825	0.99%	0.098%
17	12.063	1537	1543	1549	rBV5	3772	9826	0.14%	0.014%
18	12.151	1552	1558	1564	rVB2	16758	28520	0.41%	0.041%
19	12.751	1656	1660	1666	rBV3	7894	12470	0.18%	0.018%
20	13.004	1699	1703	1707	rBV4	11047	15240	0.22%	0.022%
21	13.286	1747	1751	1756	rVB5	4402	7211	0.10%	0.010%
22	13.822	1832	1842	1846	rBV	2143785	2960825	42.55%	4.213%
23	13.869	1846	1850	1856	rVB	462789	610097	8.77%	0.868%
24	14.098	1883	1889	1901	rVB	2191804	3362125	48.31%	4.784%
25	14.410	1934	1942	1949	rBV2	2118886	3159681	45.40%	4.496%
26	14.469	1949	1952	1960	rVB2	11991	19124	0.27%	0.027%
27	14.616	1971	1977	1993	rBV	500368	898647	12.91%	1.279%
28	14.821	2006	2012	2013	rBV3	6881	11075	0.16%	0.016%
29	15.198	2072	2076	2079	rBV	12869	15486	0.22%	0.022%
30	15.239	2079	2083	2088	rVB4	7658	15256	0.22%	0.022%
31	15.357	2099	2103	2105	rBV	28786	33407	0.48%	0.048%
32	15.404	2105	2111	2117	rVV	3289774	4616066	66.33%	6.568%
33	15.457	2117	2120	2125	rVV2	14945	22927	0.33%	0.033%
34	15.527	2127	2132	2144	rVV	724729	1012418	14.55%	1.441%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

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-BM061419MA.M
Title : SVOA CALIBRATION

35	15.639	2147	2151	2158	rVB2	37731	57272	0.82%	0.081%
36	15.751	2166	2170	2175	rBV5	9995	17794	0.26%	0.025%
37	15.886	2189	2193	2201	rBV5	11396	21255	0.31%	0.030%
38	16.186	2241	2244	2249	rVB4	8368	11511	0.17%	0.016%
39	16.298	2260	2263	2270	rVB4	7812	10126	0.15%	0.014%
40	16.357	2270	2273	2278	rVB3	6621	10152	0.15%	0.014%
41	16.439	2282	2287	2289	rBV6	5581	11195	0.16%	0.016%
42	16.604	2311	2315	2322	rVB	25630	36290	0.52%	0.052%
43	16.692	2326	2330	2334	rBV6	6170	10639	0.15%	0.015%
44	16.815	2347	2351	2353	rBV2	10687	14448	0.21%	0.021%
45	16.904	2359	2366	2369	rBV6	15503	31442	0.45%	0.045%
46	16.945	2369	2373	2375	rVV2	14067	22477	0.32%	0.032%
47	16.974	2377	2378	2384	rVV3	13927	14605	0.21%	0.021%
48	17.068	2387	2394	2398	rBV6	18762	29494	0.42%	0.042%
49	17.157	2403	2409	2413	rBV2	2954610	4131446	59.37%	5.879%
50	17.198	2413	2416	2420	rVV	282443	382173	5.49%	0.544%
51	17.257	2420	2426	2436	rVB	3781553	5204920	74.79%	7.406%
52	17.445	2455	2458	2464	rVB3	9136	13835	0.20%	0.020%
53	17.562	2471	2478	2483	rBV3	25140	48606	0.70%	0.069%
54	17.645	2488	2492	2494	rBV4	6351	9032	0.13%	0.013%
55	17.674	2494	2497	2502	rVB3	24299	29080	0.42%	0.041%
56	17.933	2536	2541	2548	rBV7	6910	16861	0.24%	0.024%
57	18.045	2553	2560	2564	rBV2	336684	530126	7.62%	0.754%
58	18.080	2564	2566	2570	rVV	105765	134075	1.93%	0.191%
59	18.121	2570	2573	2576	rVV	35140	53469	0.77%	0.076%
60	18.157	2576	2579	2586	rVV2	25649	48702	0.70%	0.069%
61	18.221	2586	2590	2595	rVV2	62721	121210	1.74%	0.172%
62	18.262	2595	2597	2605	rVB2	35870	48868	0.70%	0.070%
63	18.339	2607	2610	2614	rBV5	13148	23497	0.34%	0.033%
64	18.474	2631	2633	2636	rVB4	10325	8488	0.12%	0.012%
65	18.533	2639	2643	2647	rVV	40720	50549	0.73%	0.072%
66	18.580	2647	2651	2655	rVV2	29033	41112	0.59%	0.058%
67	18.621	2655	2658	2662	rVB3	19632	23554	0.34%	0.034%
68	18.780	2681	2685	2690	rBV	109625	147033	2.11%	0.209%
69	18.833	2690	2694	2696	rBV2	12804	17357	0.25%	0.025%
70	18.951	2709	2714	2719	rBV3	25661	59213	0.85%	0.084%
71	19.098	2735	2739	2744	rVB4	22947	43545	0.63%	0.062%

LSC Area Percent Report

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Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

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-BM061419MA.M
Title : SVOA CALIBRATION

72	19.180	2750	2753	2754	rBV	56875	57417	0.83%	0.082%
73	19.215	2754	2759	2766	rVB	648431	898261	12.91%	1.278%
74	19.327	2773	2778	2787	rBV3	132355	228378	3.28%	0.325%
75	19.439	2790	2797	2804	rVV3	45052	131284	1.89%	0.187%
76	19.551	2810	2816	2829	rBV2	4506443	6959254	100.00%	9.902%
77	19.651	2830	2833	2839	rVB4	39917	58592	0.84%	0.083%
78	19.903	2871	2876	2882	rBV4	37265	88972	1.28%	0.127%
79	20.033	2894	2898	2900	rBV3	34820	56743	0.82%	0.081%
80	20.068	2902	2904	2910	rVB2	97438	141859	2.04%	0.202%
81	20.115	2910	2912	2915	rBV3	24416	22061	0.32%	0.031%
82	20.174	2919	2922	2925	rVB	39940	49300	0.71%	0.070%
83	20.421	2961	2964	2967	rVB3	51821	52929	0.76%	0.075%
84	20.821	3029	3032	3035	rBV2	56984	74514	1.07%	0.106%
85	21.045	3066	3070	3078	rVB3	664717	899147	12.92%	1.279%
86	21.339	3113	3120	3124	rBV	3568670	5095438	73.22%	7.250%
87	21.374	3124	3126	3134	rVB	326740	376657	5.41%	0.536%
88	21.480	3141	3144	3153	rVB4	132131	175834	2.53%	0.250%
89	21.915	3215	3218	3221	rBV	204278	230320	3.31%	0.328%
90	22.386	3294	3298	3305	rBV2	326903	480261	6.90%	0.683%
91	22.897	3381	3385	3390	rBV2	388980	794559	11.42%	1.131%
92	23.462	3475	3481	3488	rBV	2725084	5082344	73.03%	7.232%
93	23.609	3499	3506	3520	rVB2	1896274	3985596	57.27%	5.671%
94	24.121	3590	3593	3603	rVB2	307422	547929	7.87%	0.780%

Sum of corrected areas: 70279597

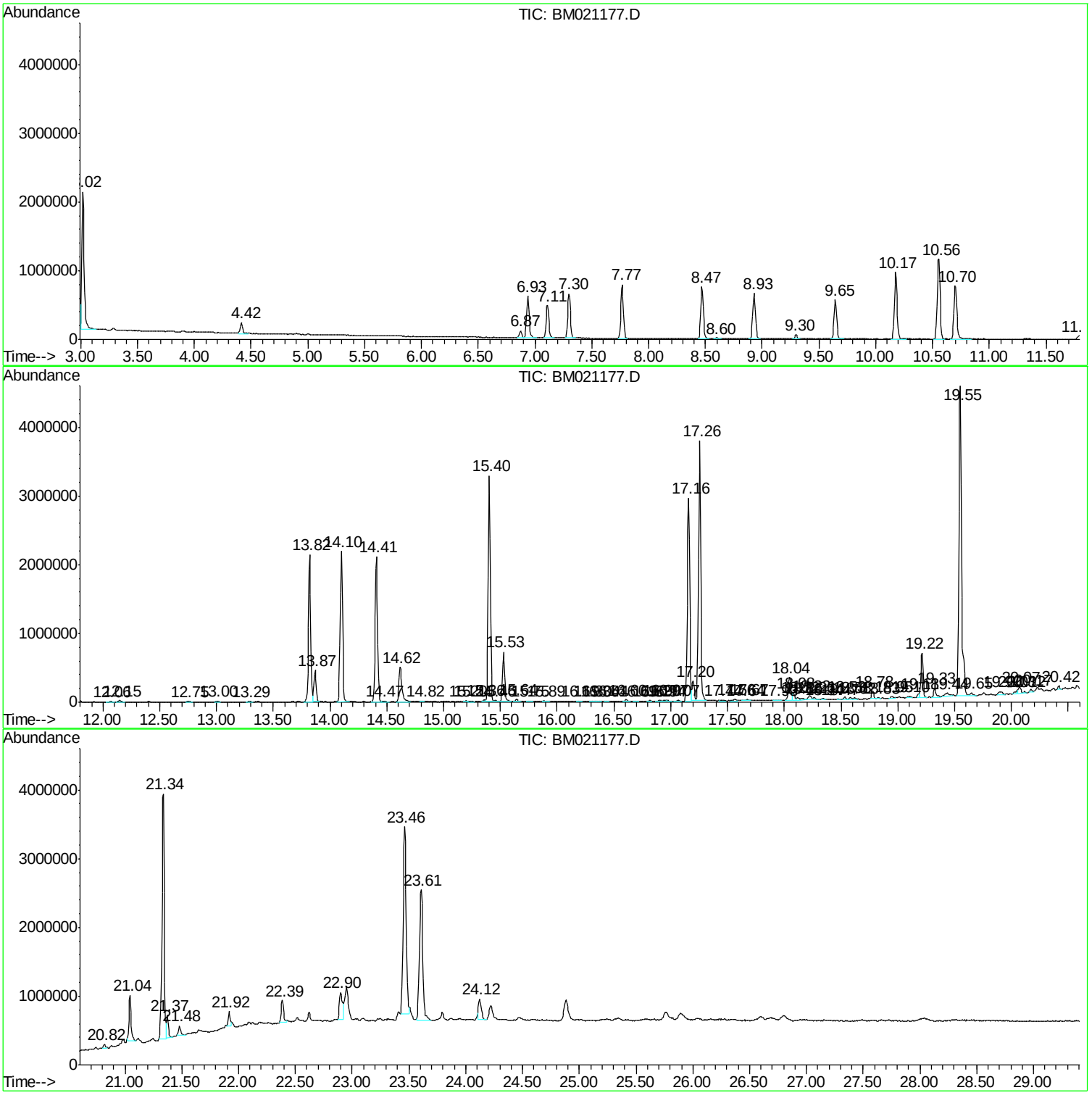
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

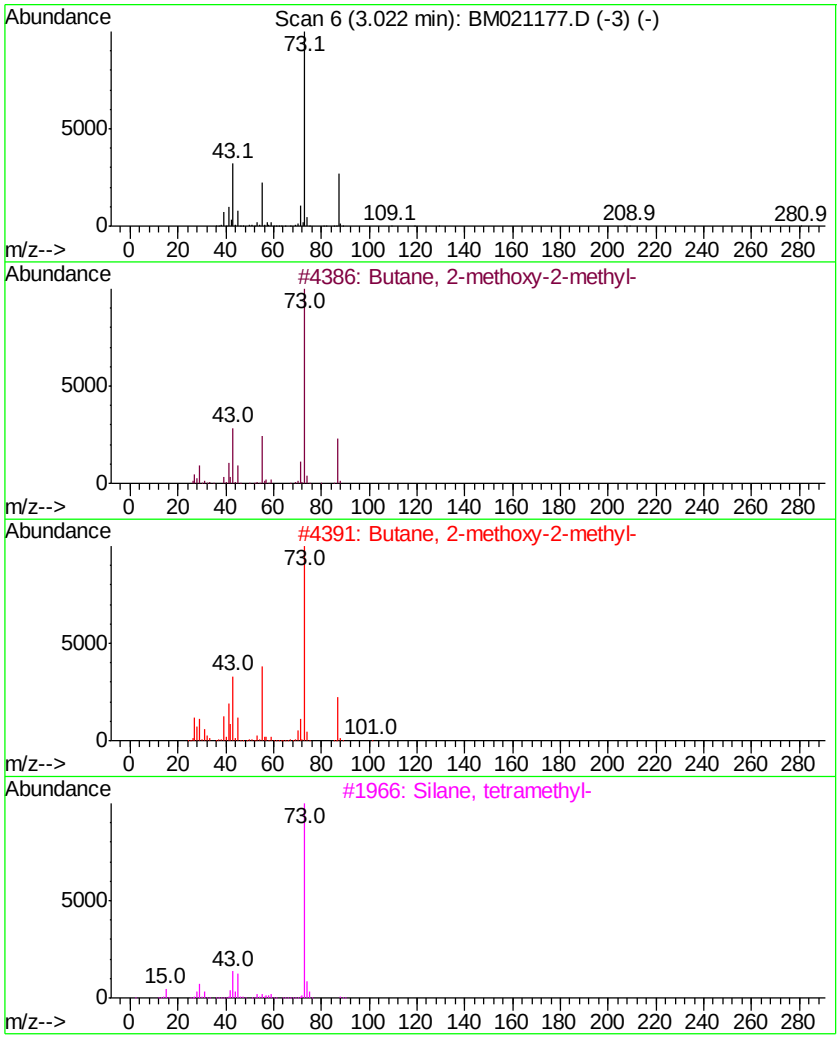
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

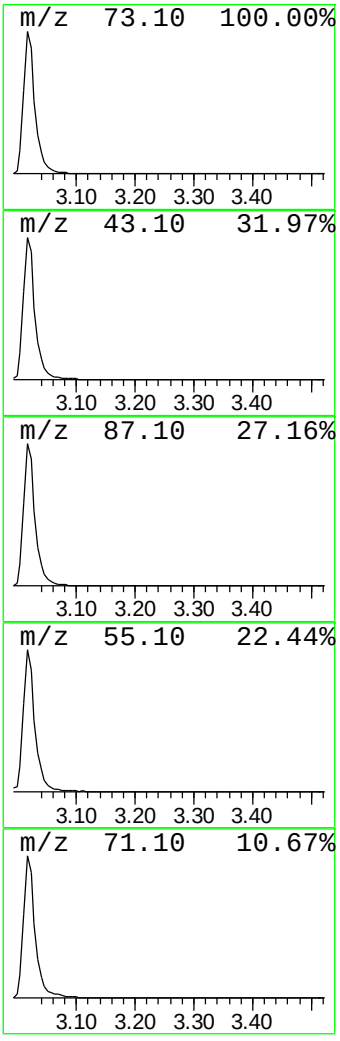
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	41.32 ng/ul	2576100	1,4-Dichlorobenzene-d4	7.77

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

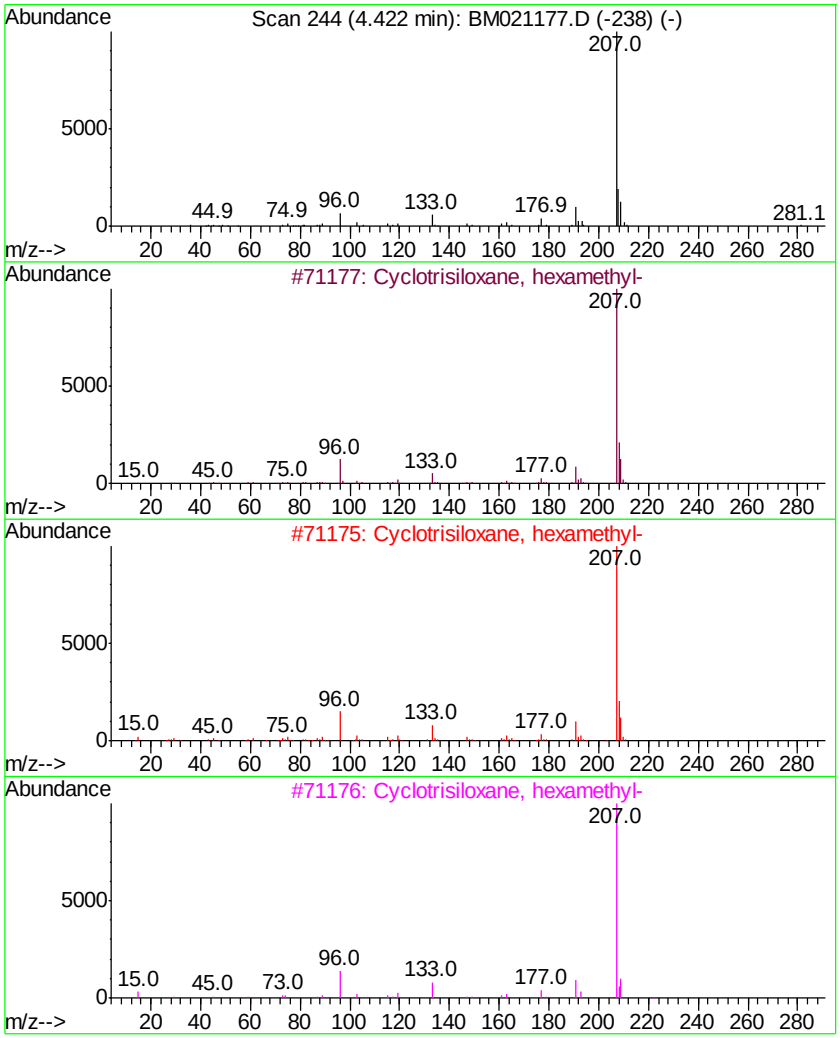
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

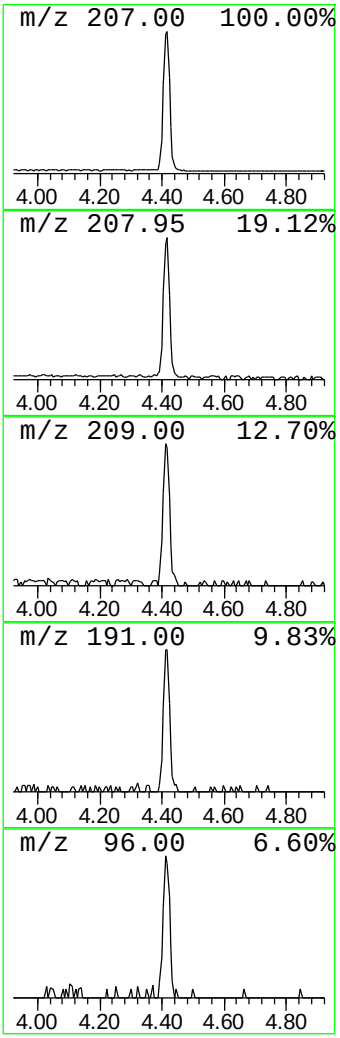
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	3.74 ng/ul	233073	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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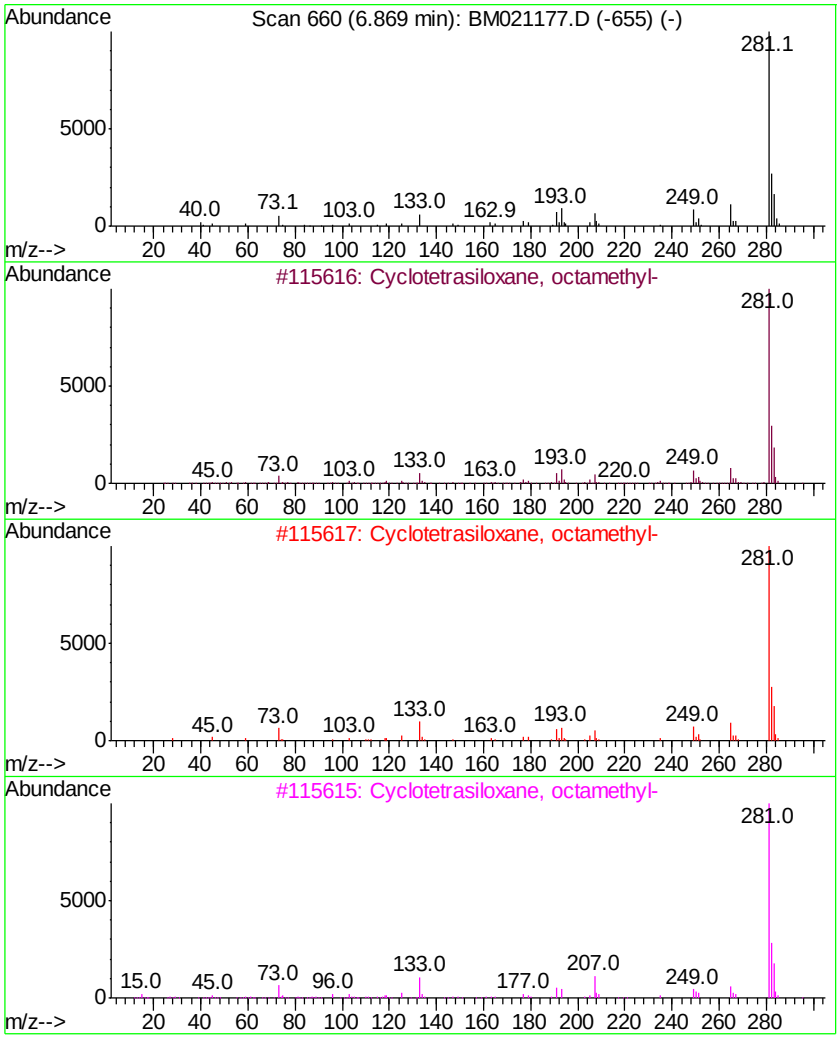
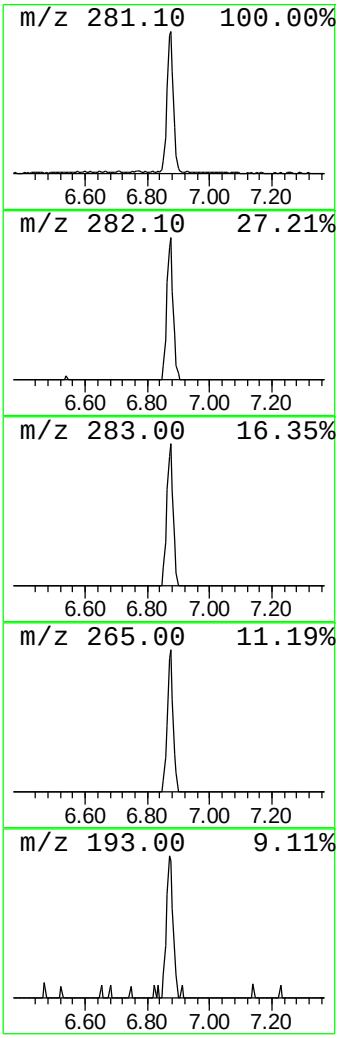
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.35 ng/ul	146603	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	53
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

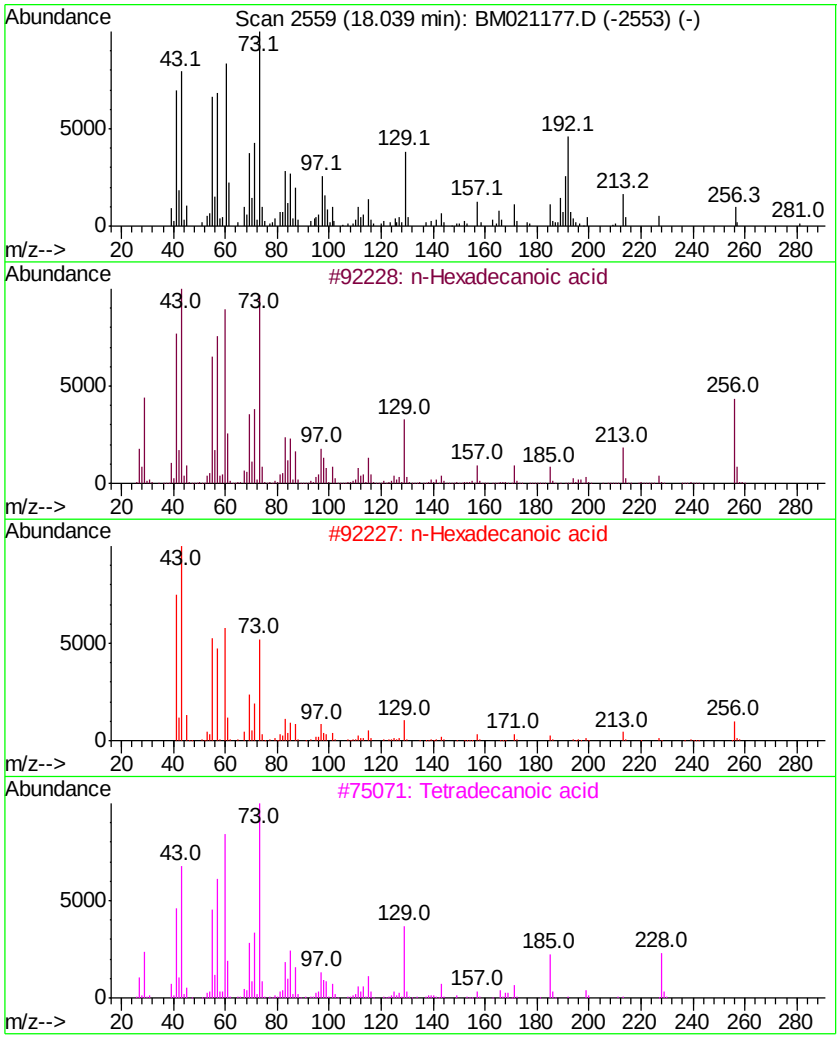
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

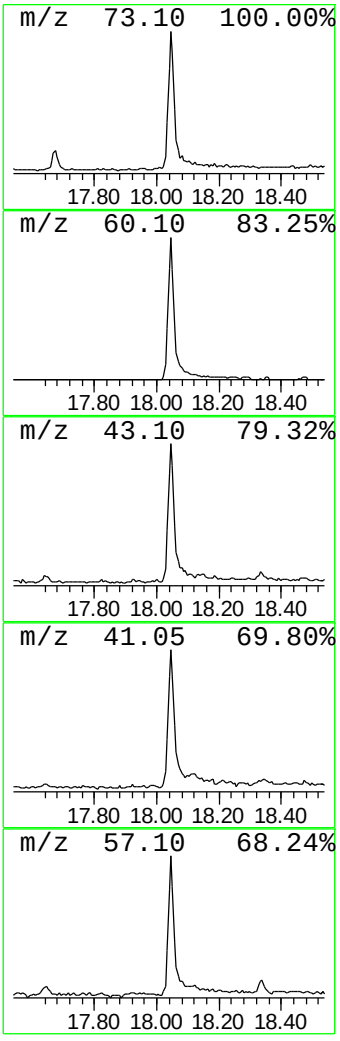
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.57 ng/ul	530126	Phenanthrene-d10	17.16

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

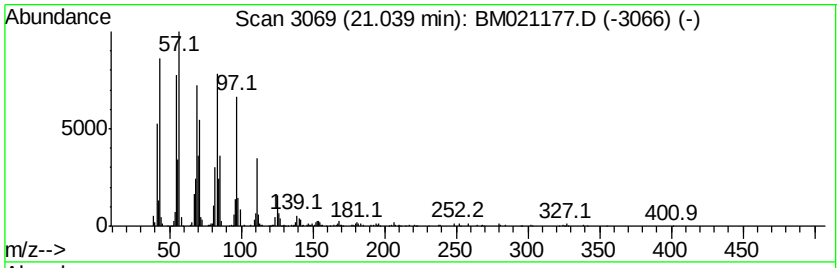
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

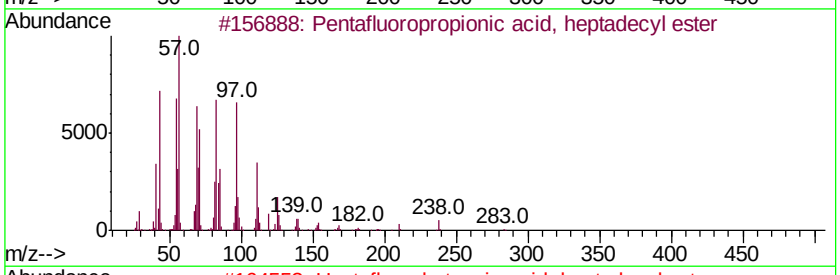
****

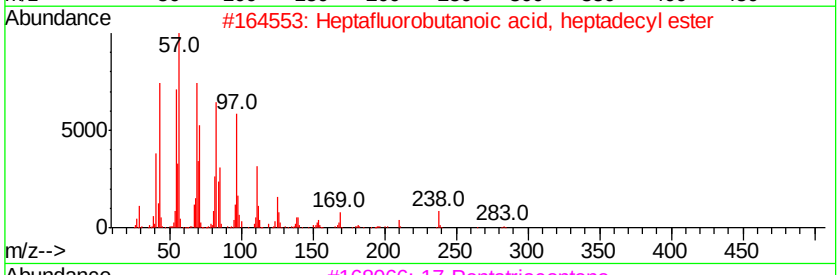
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 3

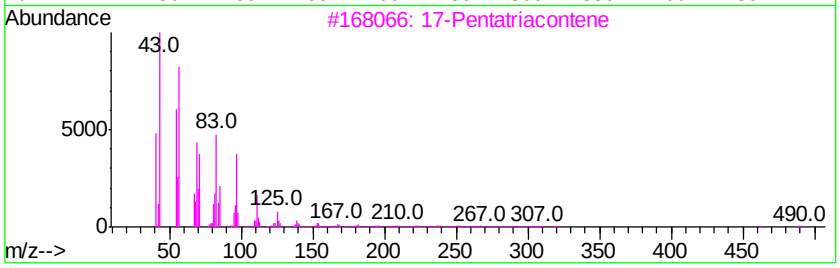
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.53 ng/ul	899147	Chrysene-d12	21.34

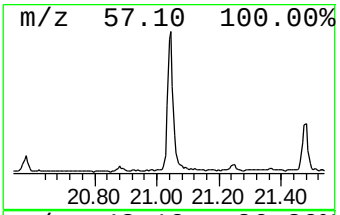
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	1-Docosene	308	C22H44	001599-67-3	90

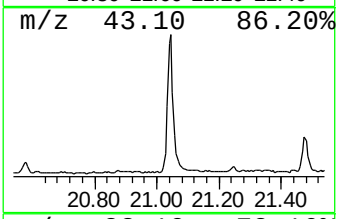


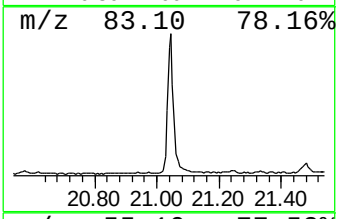


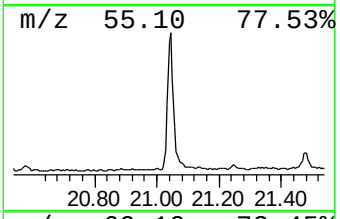


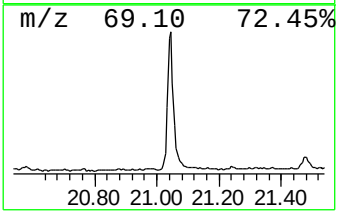












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

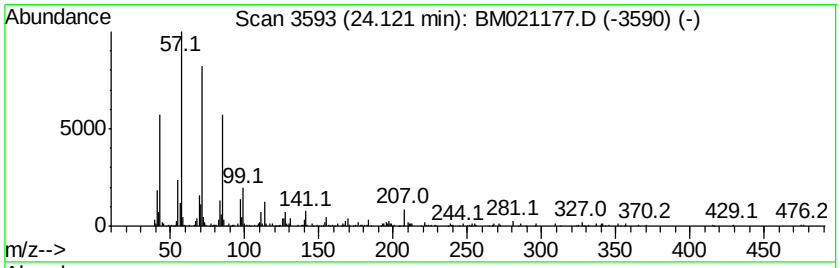
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

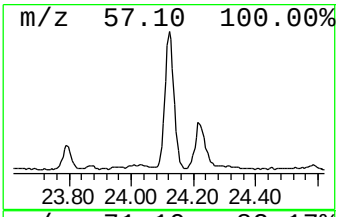
****

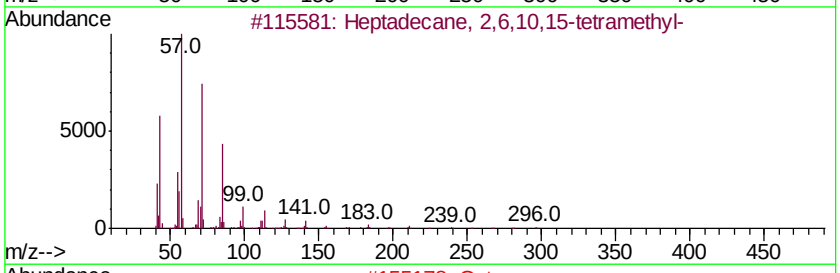
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

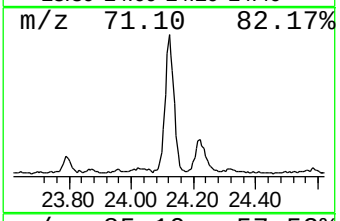
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.75 ng/ul	547929	Perylene-d12	23.61

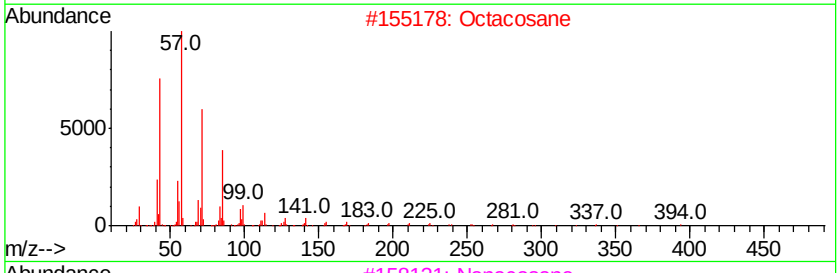
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
5	Heptacosane	380	C27H56	000593-49-7	91

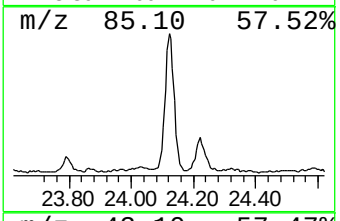


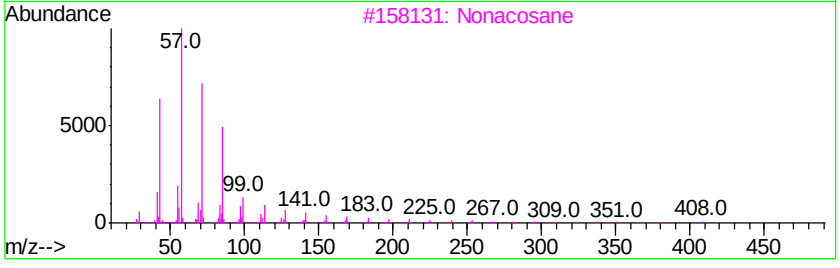


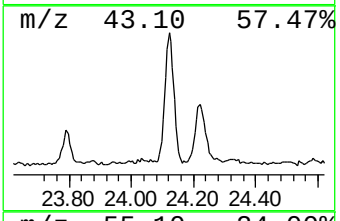


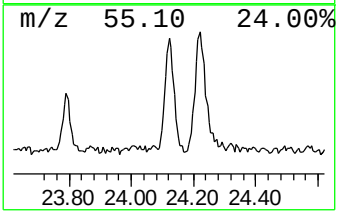












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021177.D
Acq On : 26 Jun 2019 00:41
Operator : HP/JU
Sample : K3498-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	41.3	ng/ul	2576100	1	7.77	1247040	20.0
Cyclotrisiloxane,...	4.42	3.7	ng/ul	233073	1	7.77	1247040	20.0
Cyclotetrasiloxan...	6.87	2.4	ng/ul	146603	1	7.77	1247040	20.0
n-Hexadecanoic acid	18.04	2.6	ng/ul	530126	4	17.16	4131450	20.0
Pentafluoropropio...	21.04	3.5	ng/ul	899147	5	21.34	5095440	20.0
(DEL) Alkane: Str...	24.12	2.8	ng/ul	547929	6	23.61	3985600	20.0