LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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	20	rVB	2014417	2761876	31.13%	2.841%
2	4.416	238	243	249	rVB	189124	263136	2.97%	0.271%
3	6.292	558	562	568	rVB4	9658	18903	0.21%	0.019%
4	6.451	583	589	595	rVB	226055	346621	3.91%	0.356%
5	6.751	636	640	647	rBV4	27810	43333	0.49%	0.045%
6	6.875	656	661	666	rBV	128094	176430	1.99%	0.181%
7	6.939	666	672	682	rVB	746273	1208507	13.62%	1.243%
8	7.110	695	701	711	rVB	583352	894512	10.08%	0.920%
9	7.198	711	716	726	rVB	70065	147966	1.67%	0.152%
10	7.298	727	733	743	rBV	777408	1238213	13.96%	1.273%
11	7.769	806	813	820	rBV	769811	1215405	13.70%	1.250%
12	7.975	843	848	853	rBV2	10701	18396	0.21%	0.019%
13	8.033	853	858	863	rVB2	19904	31636	0.36%	0.033%
14	8.469	926	932	942	rVV	952305	1541145	17.37%	1.585%
15	8.598	949	954	959	rVB2	13310	19649	0.22%	0.020%
16	8.928	1004	1010	1023	rBV	770838	1289745	14.54%	1.326%
17	9.028	1023	1027	1031	rVV5	8548	13565	0.15%	0.014%
18	9.298	1067	1073	1083	rBV	77628	124343	1.40%	0.128%
19	9.645	1123	1132	1143	rBV	681998	1123101	12.66%	1.155%
20	10.175	1215	1222	1236	rBV	1194376	2013129	22.69%	2.070%
21	10.557	1279	1287	1295	rBV	1158345	1920445	21.65%	1.975%
22	10.704	1304	1312	1326	rBV	780825	1479030	16.67%	1.521%
23	11.792	1490	1497	1503	rVB	56848	85984	0.97%	0.088%
24	12.145	1551	1557	1563	rVB2	21931	39023	0.44%	0.040%
25	12.757	1656	1661	1666	rVB4	11124	16466	0.19%	0.017%
26	13.004	1699	1703	1712	rVB4	14917	24077	0.27%	0.025%
27	13.292	1745	1752	1757	rBV6	21374	42846	0.48%	0.044%
28	13.715	1820	1824	1832	rVB4	63764	96778	1.09%	0.100%
29	13.821	1832	1842	1846	rBV	2592405	3594678	40.52%	3.697%
30	13.868	1846	1850	1856	rVV	709420	949541	10.70%	0.977%
31	14.104	1883	1890	1903	rVB	2639495	4090408	46.11%	4.207%
32	14.239	1909	1913	1916	rVB6	8660	10492	0.12%	0.011%
33	14.357	1926	1933	1936	rBV	153874	214006	2.41%	0.220%
34	14.410	1936	1942	1949	rVV2	1982098	3013895	33.97%	3.100%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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	14.468	1949	1952	1955	rVV4	22048	34951	0.39%	0.036%
36	14.504	1955	1958	1963	rVB3	33066	45098	0.51%	0.046%
37	14.615	1971	1977	1994	rBV	760095	1433287	16.16%	1.474%
38	14.821	2009	2012	2021	rVB7	15075	29345	0.33%	0.030%
39	15.204	2072	2077	2080	rBV	18696	24503	0.28%	0.025%
40	15.233	2080	2082	2087	rVB2	7588	10137	0.11%	0.010%
41	15.292	2088	2092	2099	rVB4	37300	68810	0.78%	0.071%
42	15.357	2099	2103	2105	rBV	35199	41669	0.47%	0.043%
43	15.404	2105	2111	2118	rVB	4020685	5478323	61.75%	5.634%
44	15.527	2127	2132	2142	rBV	996463	1415323	15.95%	1.456%
45	15.645	2147	2152	2158	rVB	47922	75682	0.85%	0.078%
46	15.845	2183	2186	2188	rBV3	11718	14427	0.16%	0.015%
47	15.868	2188	2190	2196	rVB6	12989	20333	0.23%	0.021%
48	15.974	2202	2208	2213	rVB5	35010	52335	0.59%	0.054%
49	16.115	2229	2232	2235	rBV4	7611	10078	0.11%	0.010%
50	16.186	2240	2244	2249	rVB3	8214	11118	0.13%	0.011%
51	16.292	2259	2262	2266	rBV5	10443	15670	0.18%	0.016%
52	16.356	2270	2273	2278	rVB5	6006	10157	0.11%	0.010%
53	16.468	2288	2292	2297	rVB6	7728	12328	0.14%	0.013%
54	16.609	2312	2316	2320	rBV2	32167	42225	0.48%	0.043%
55	16.656	2320	2324	2332	rVB	74795	105272	1.19%	0.108%
56	16.804	2345	2349	2359	rVB3	57568	100414	1.13%	0.103%
57	16.909	2359	2367	2369	rBV8	17859	35342	0.40%	0.036%
58	17.074	2392	2395	2398	rVB3	14479	16888	0.19%	0.017%
59	17.156	2403	2409	2414	rVV2	2809504	3992026	45.00%	4.106%
60	17.198	2414	2416	2420	rVV	160160	193874	2.19%	0.199%
61	17.256	2420	2426	2432	rVV2	4328109	6347688	71.55%	6.529%
62	17.315	2432	2436	2448	rVB	183944	324740	3.66%	0.334%
63	17.439	2455	2457	2465	rVB4	11004	16842	0.19%	0.017%
64	17.539	2470	2474	2477	rBV4	21876	27559	0.31%	0.028%
65	17.645	2489	2492	2494	rBV4	9980	10872	0.12%	0.011%
66	17.674	2494	2497	2502	rVB2	29127	40381	0.46%	0.042%
67	17.821	2519	2522	2526	rBV4	18042	18338	0.21%	0.019%
68	17.921	2536	2539	2545	rBV6	19338	26944	0.30%	0.028%
69	17.986	2547	2550	2554	rBV5	20902	27525	0.31%	0.028%
70	18.050	2554	2561	2570	rBV2	849747	1303056	14.69%	1.340%
71	18.121	2570	2573	2577	rVB	36404	58752	0.66%	0.060%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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	18.227	2587	2591	2595	rVB3	29769	38198	0.43%	0.039%
73	18.321	2602	2607	2613	rBV3	126125	186177	2.10%	0.191%
74	18.533	2640	2643	2647	rVB2	33516	43658	0.49%	0.045%
75	18.580	2647	2651	2655	rBV4	29512	47147	0.53%	0.048%
76	18.621	2655	2658	2662	rVB3	25915	27559	0.31%	0.028%
77	18.668	2662	2666	2671	rBV4	72325	96452	1.09%	0.099%
78	18.727	2672	2676	2680	rBV7	18439	34823	0.39%	0.036%
79	18.992	2714	2721	2728	rVB3	71554	150919	1.70%	0.155%
80	19.180	2750	2753	2755	rBV	102835	130276	1.47%	0.134%
81	19.215	2755	2759	2766	rVB	505315	718390	8.10%	0.739%
82	19.327	2774	2778	2788	rBV	357770	628396	7.08%	0.646%
83	19.550	2810	2816	2828	rBV	5842080	8115523	91.48%	8.347%
84	20.027	2892	2897	2901	rBV	554283	755231	8.51%	0.777%
85	20.233	2927	2932	2937	rBV4	203198	308244	3.47%	0.317%
86	20.550	2978	2986	3007	rBV	4791717	8871612	100.00%	9.124%
87	20.903	3043	3046	3053	rVB8	95573	135772	1.53%	0.140%
88	21.044	3067	3070	3079	rVB2	933016	1214951	13.69%	1.250%
89	21.339	3114	3120	3125	rBV	3137766	4450846	50.17%	4.578%
90	21.486	3142	3145	3150	rVB3	150629	188710	2.13%	0.194%
91	21.921	3216	3219	3222	rBV	290477	343147	3.87%	0.353%
92	22.186	3261	3264	3271	rVB	586698	777383	8.76%	0.800%
93	22.391	3295	3299	3304	rBV2	484678	695425	7.84%	0.715%
94	22.627	3335	3339	3345	rBV	452727	611043	6.89%	0.628%
95	22.903	3382	3386	3390	rBV	568469	891736	10.05%	0.917%
96	22.956	3390	3395	3406	rVB2	1670815	3109619	35.05%	3.198%
97	23.474	3476	3483	3488	rBV	3374650	6280472	70.79%	6.459%
98	23.615	3501	3507	3523	rVB	1887887	3836887	43.25%	3.946%
99	24.132	3591	3595	3603	rVB	503227	922114	10.39%	0.948%
100	24.221	3605	3610	3624	rVB	937117	2059722	23.22%	2.118%

Sum of corrected areas: 97230024

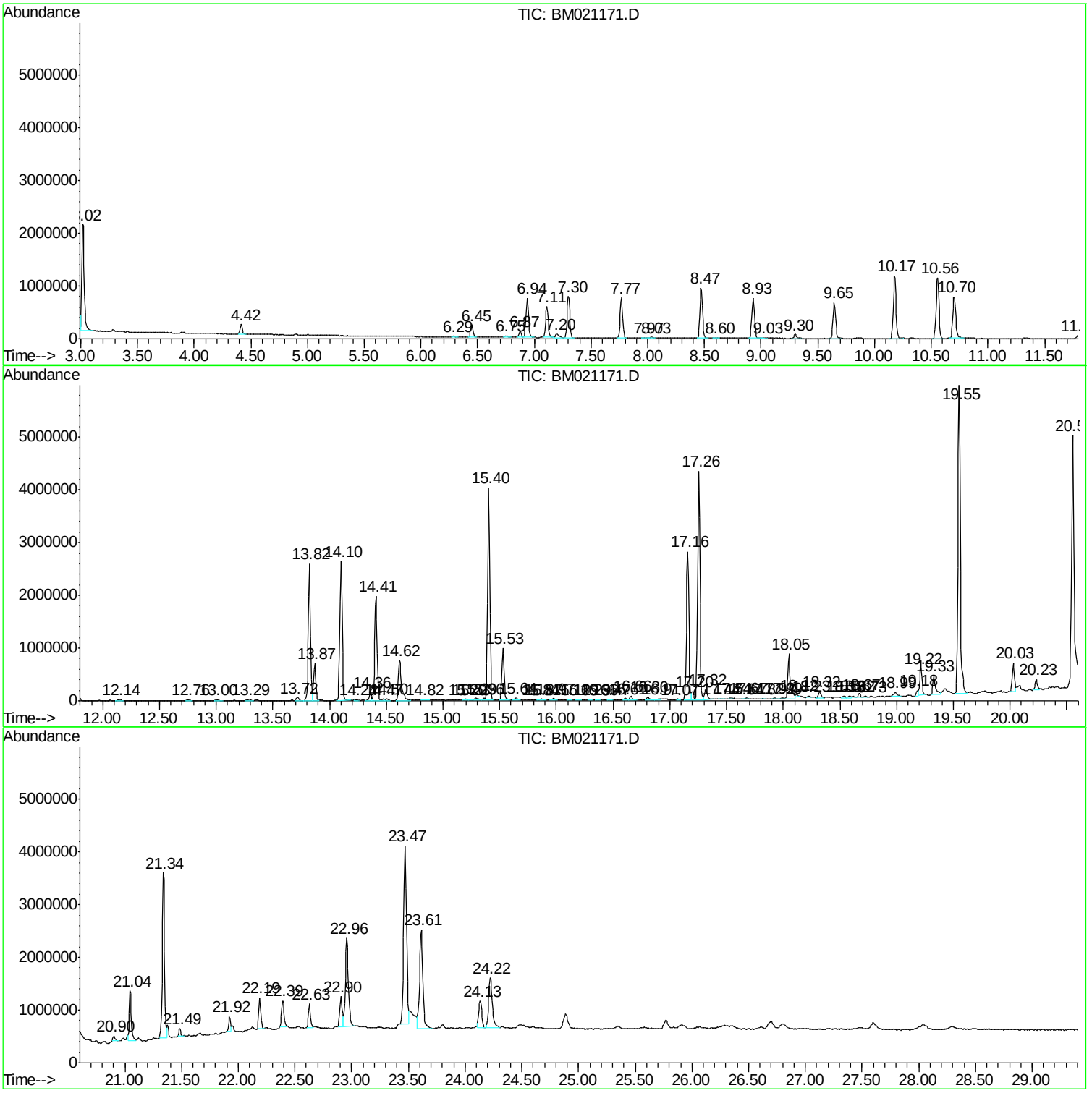
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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 : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

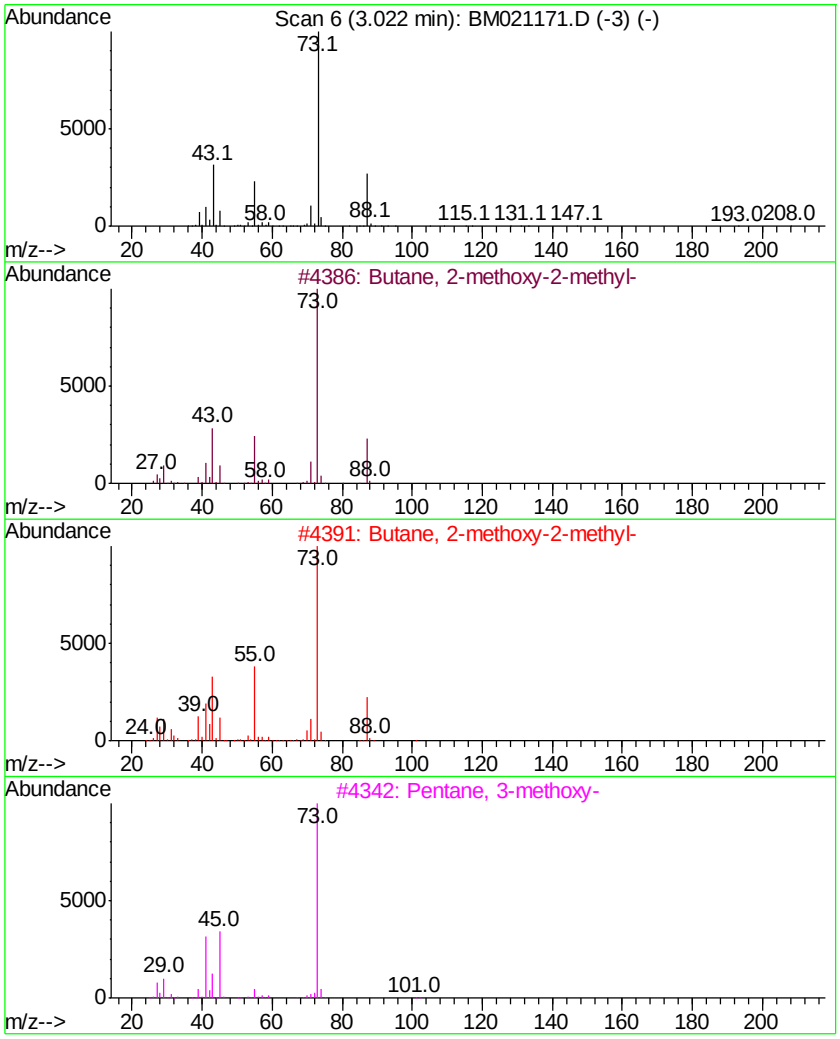
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

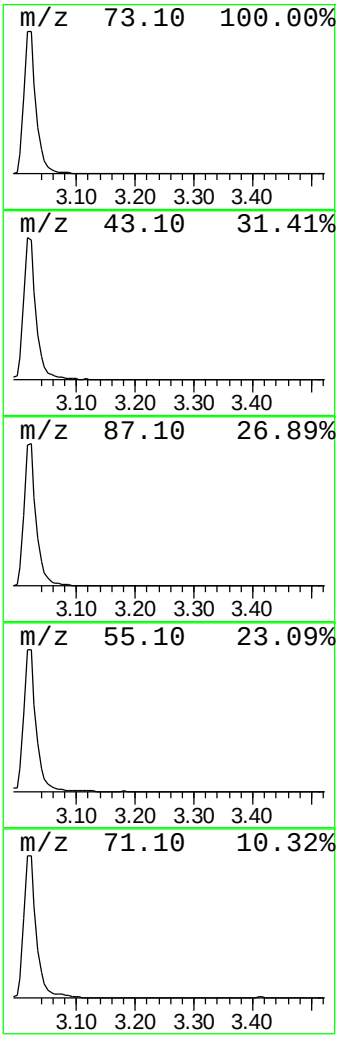
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	45.45 ng/ul	2761880	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

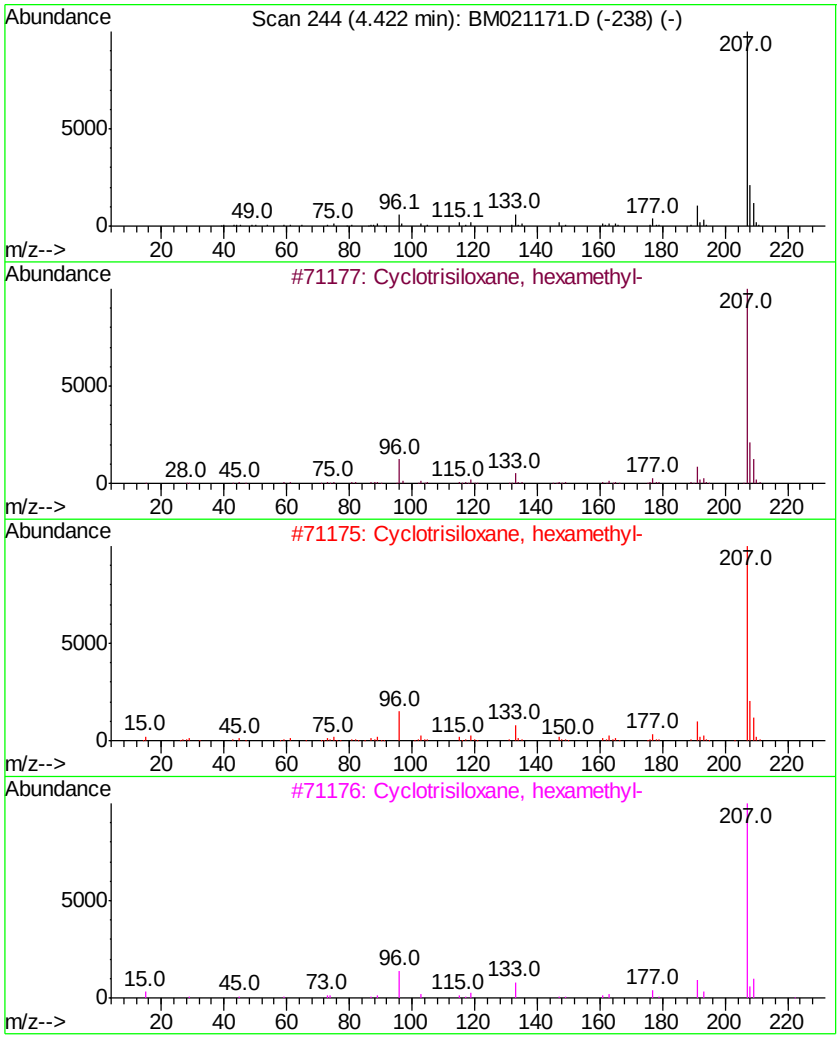
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

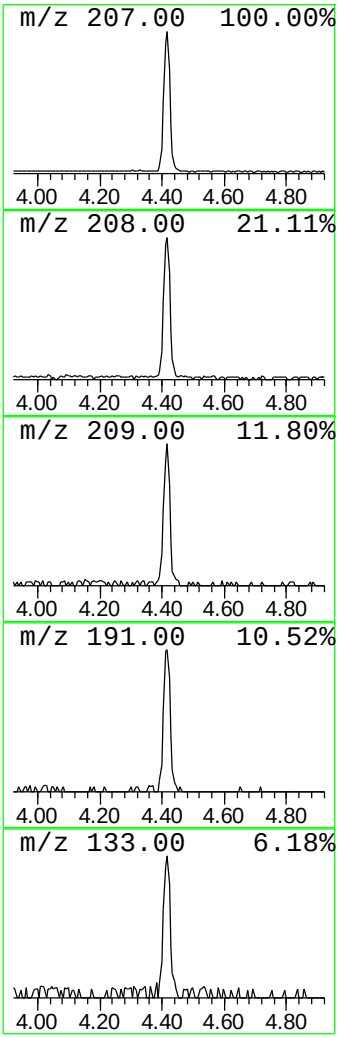
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	4.33 ng/ul	263136	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

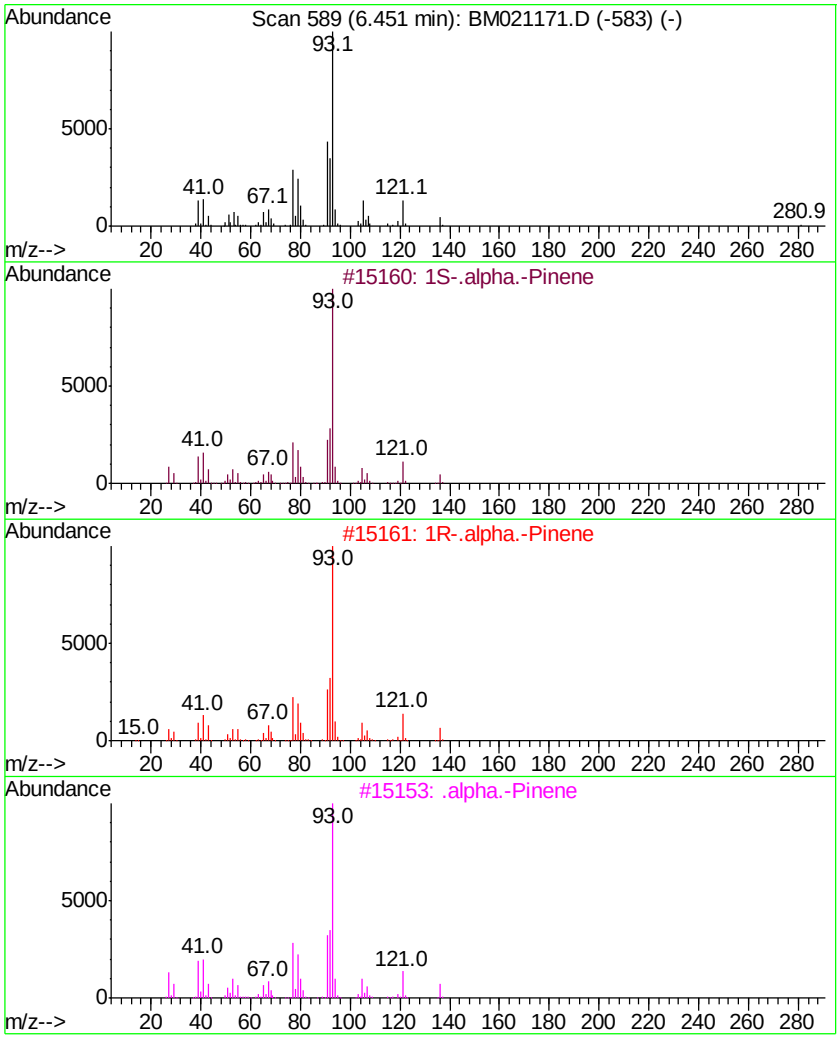
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

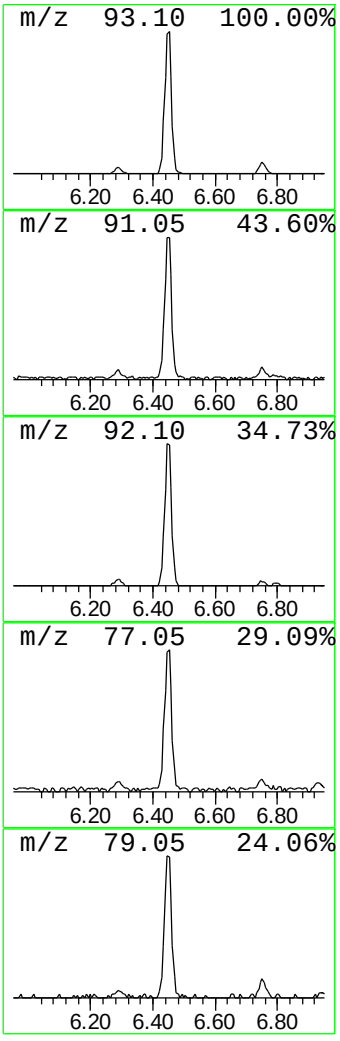
****

Peak Number 3 1S-.alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	5.70 ng/ul	346621	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1S-.alpha.-Pinene	136	C10H16	007785-26-4	97
2	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1R-.alpha.-Pinene	136	C10H16	007785-70-8	92
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

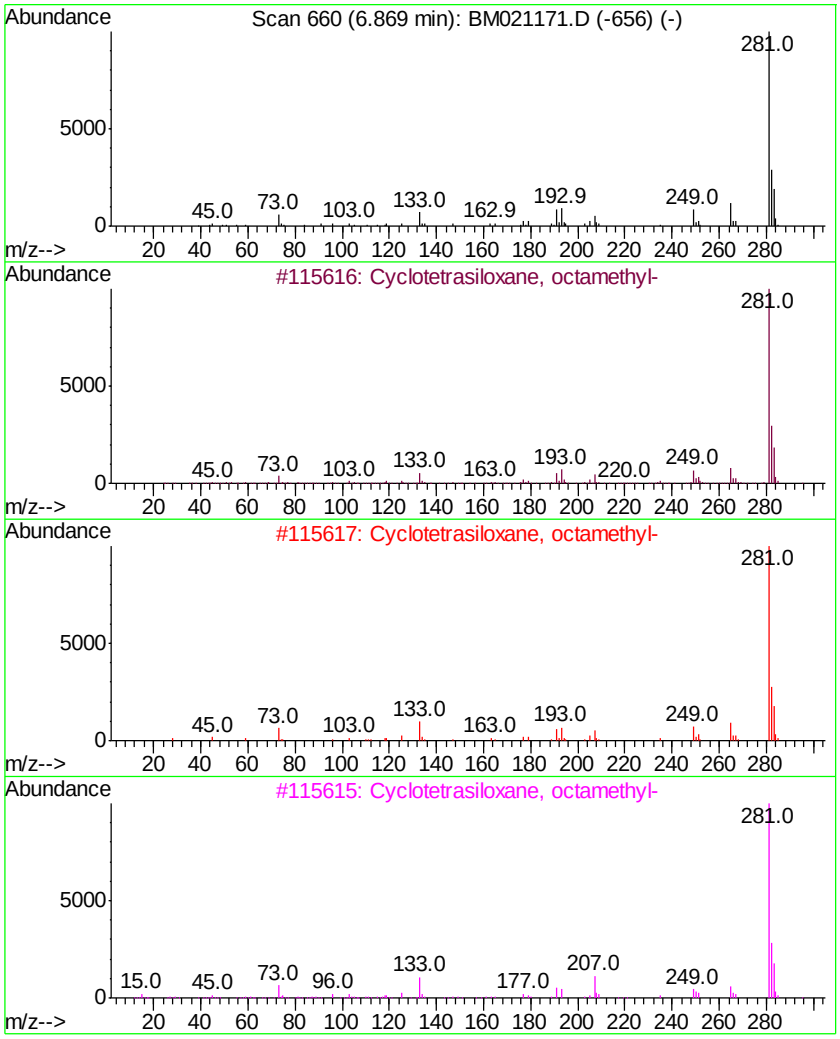
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

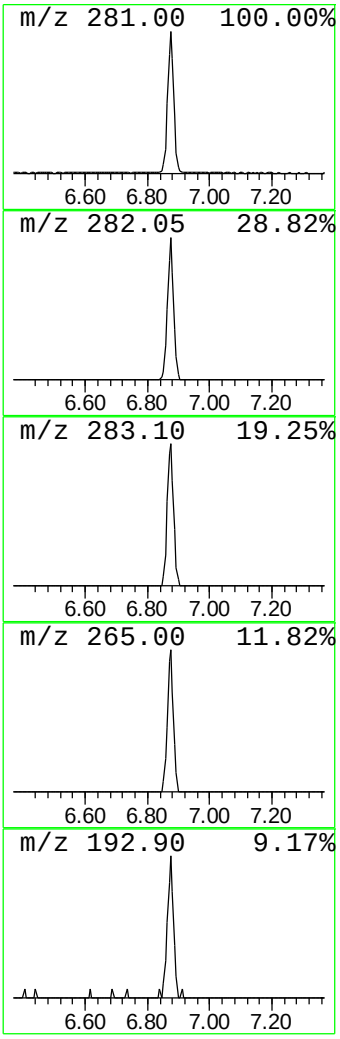
****

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.90 ng/ul	176430	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	90
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59
5	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

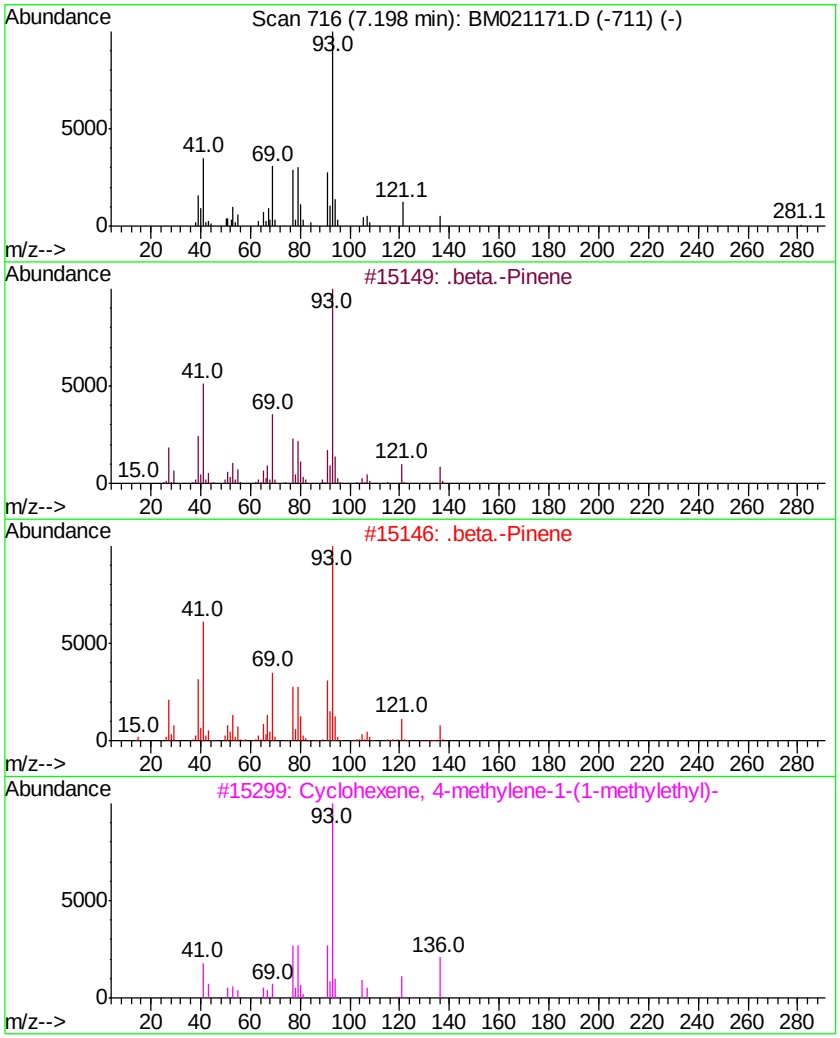
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

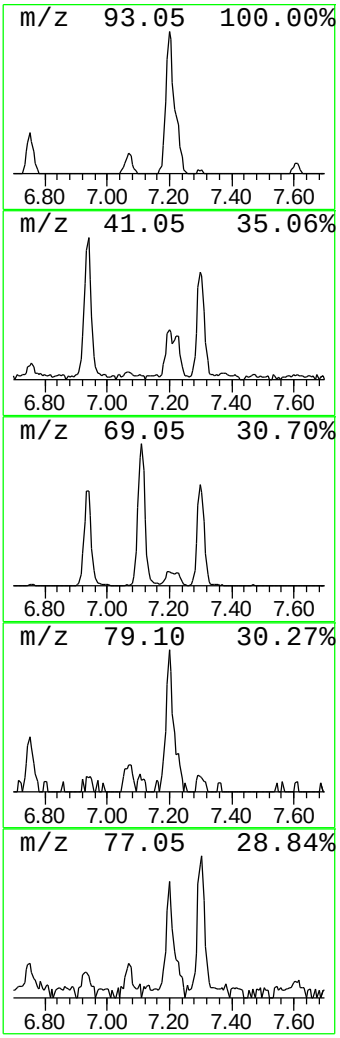
****

Peak Number 5 .beta.-Pinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	2.43 ng/ul	147966	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

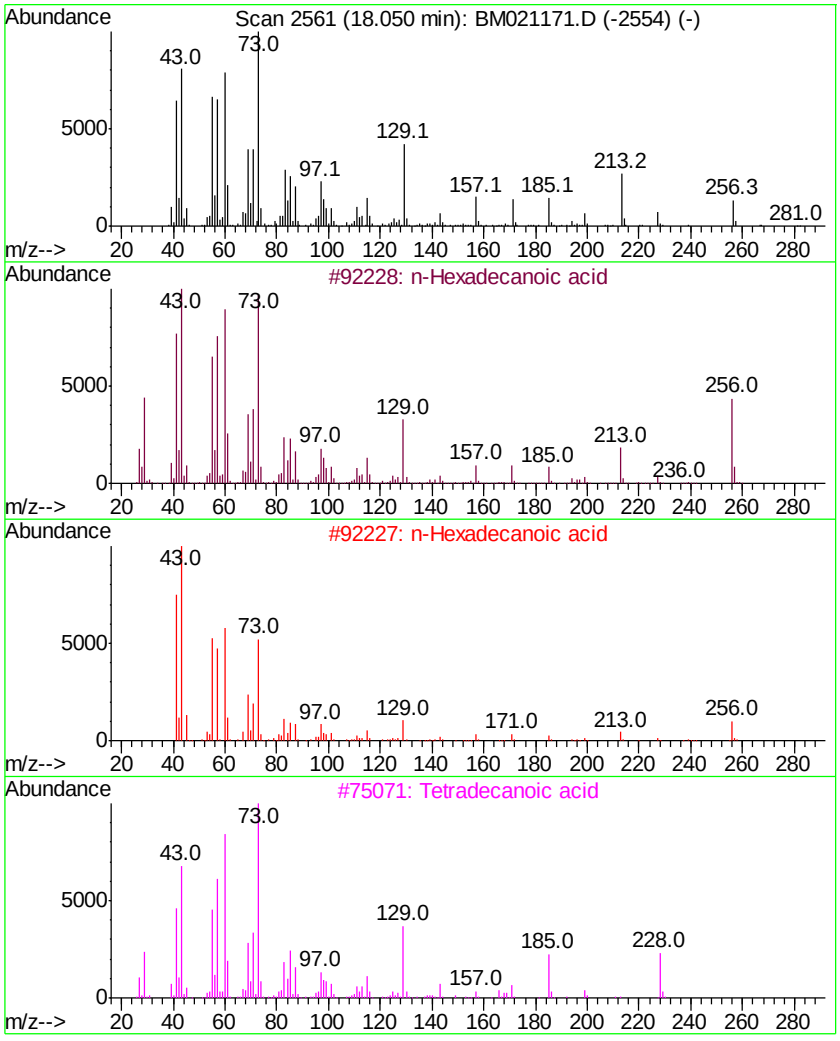
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

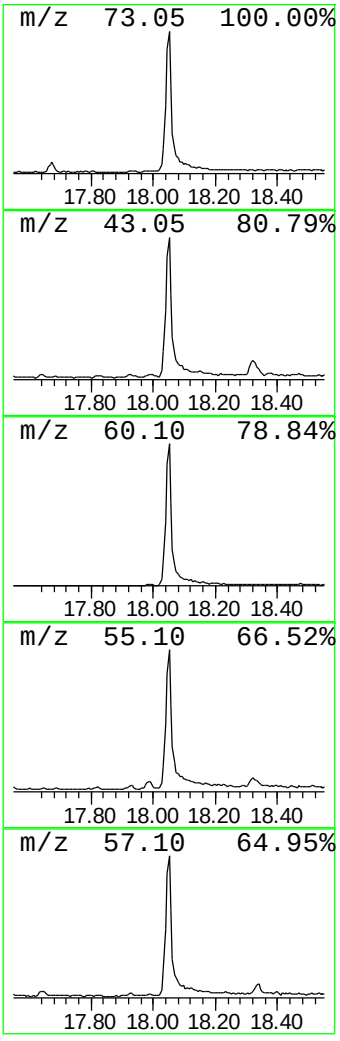
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.53 ng/ul	1303060	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	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

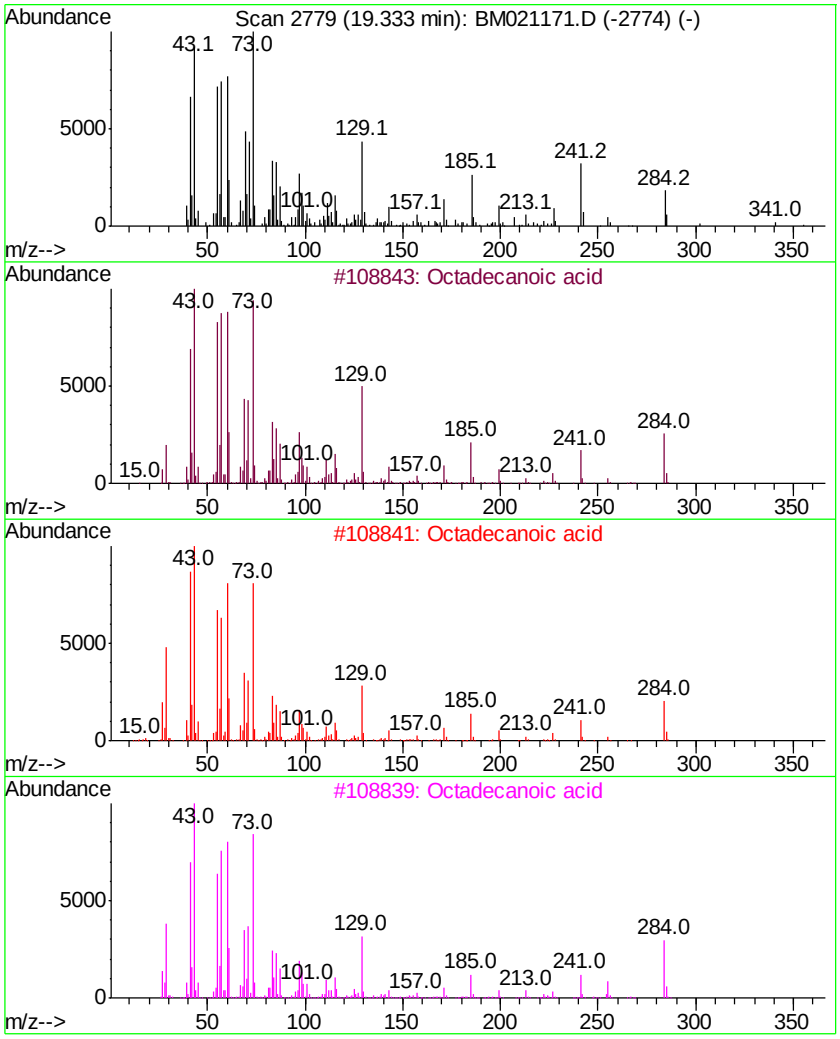
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

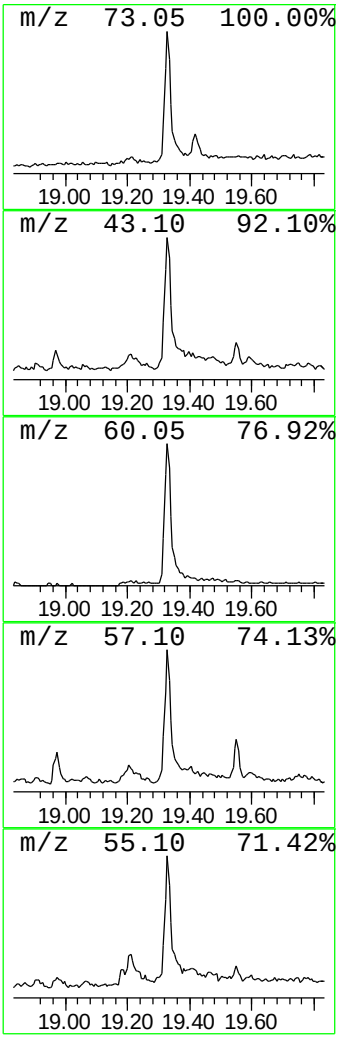
****

Peak Number 7 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.82 ng/ul	628396	Chrysene-d12	21.34

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

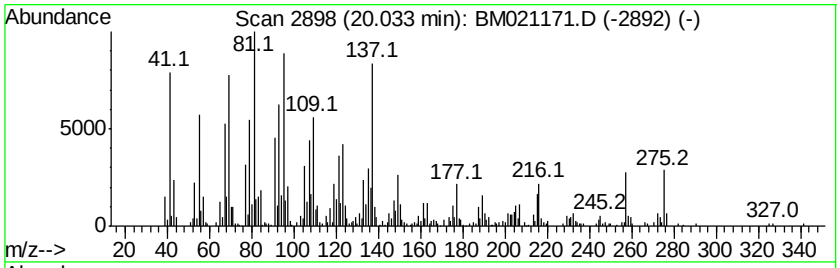
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

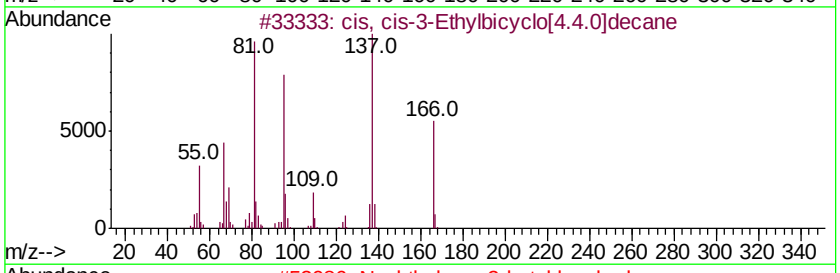
****

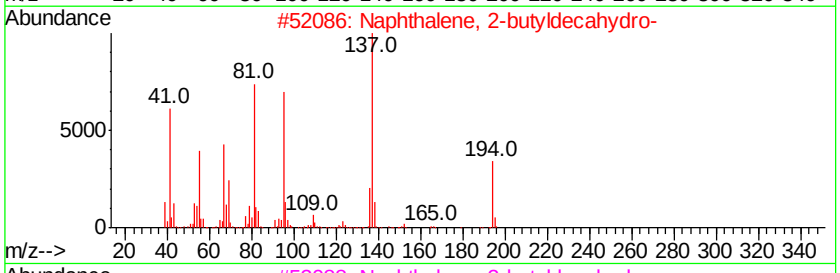
Peak Number 8 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 10

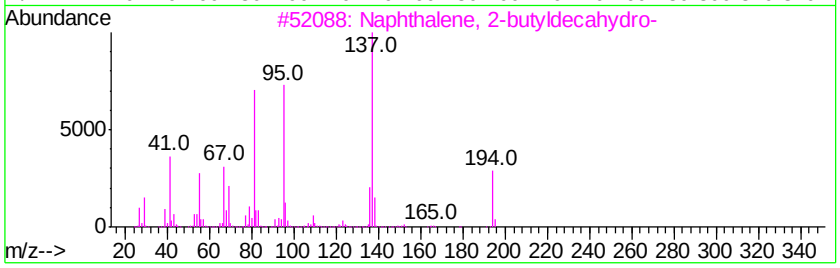
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.39 ng/ul	755231	Chrysene-d12	21.34

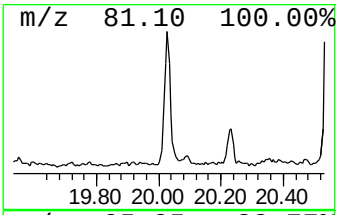
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	55
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	50
3	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	50
4	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	49
5	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	43

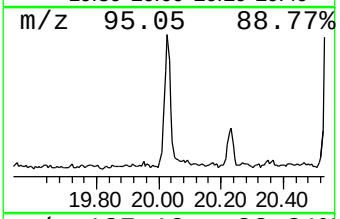


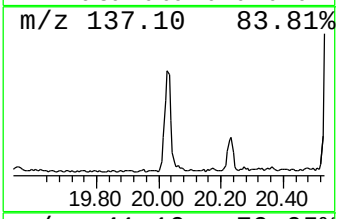


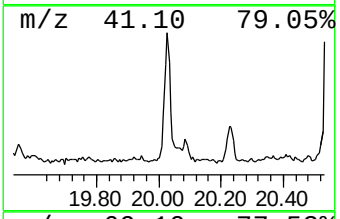


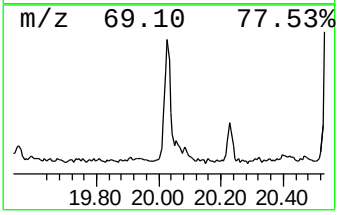












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

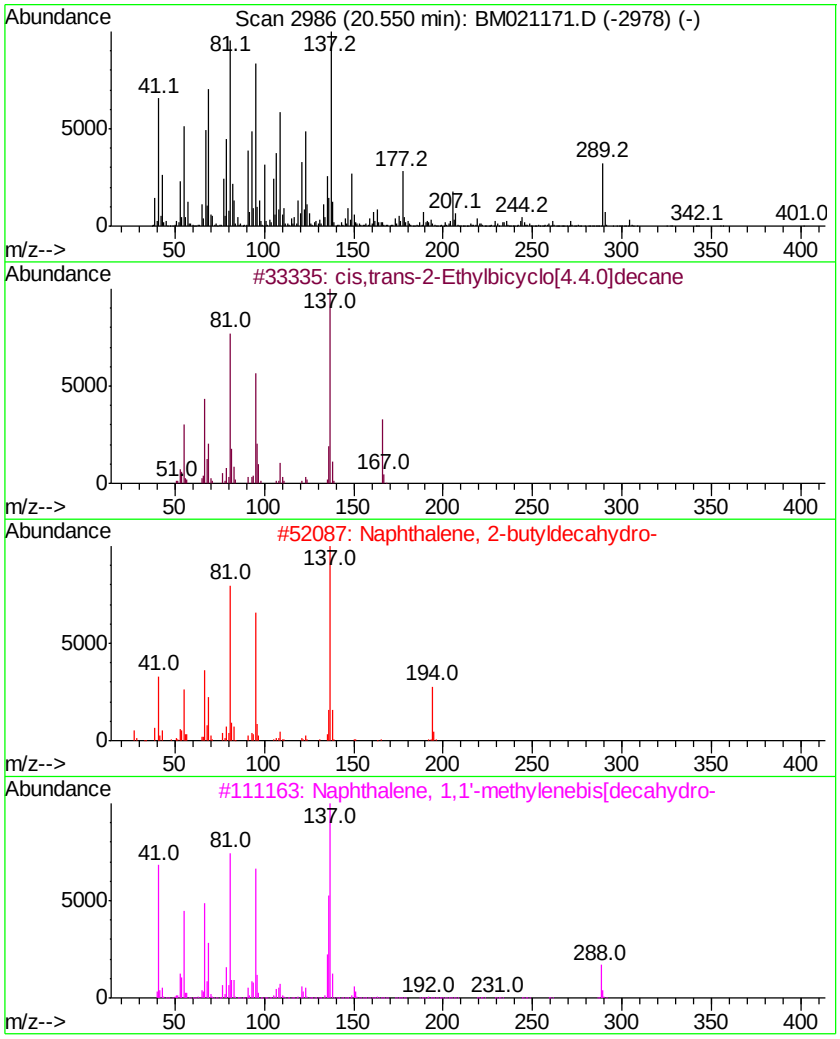
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

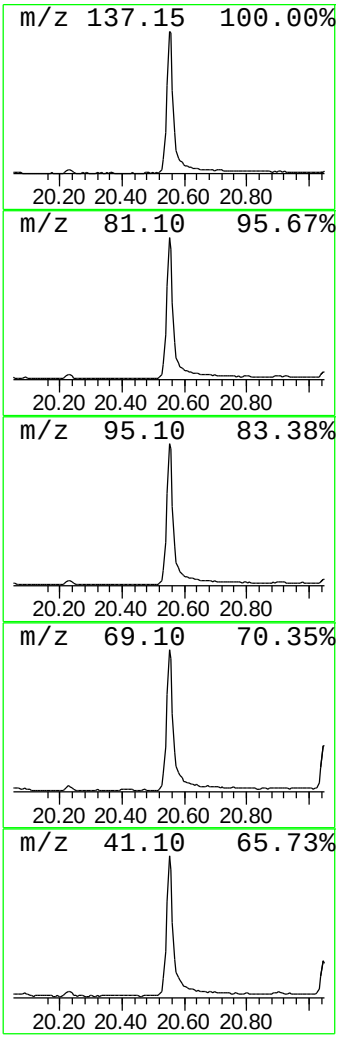
****

Peak Number 9 cis,trans-2-Ethylbicyclo[4.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	39.86 ng/ul	8871610	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	78
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	53
3	Naphthalene, 1,1'-methylenebis[d...	288	C21H36	055125-02-5	52
4	Naphthalene, 1,1'-(1,2-ethanediy...	302	C22H38	054934-69-9	52
5	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

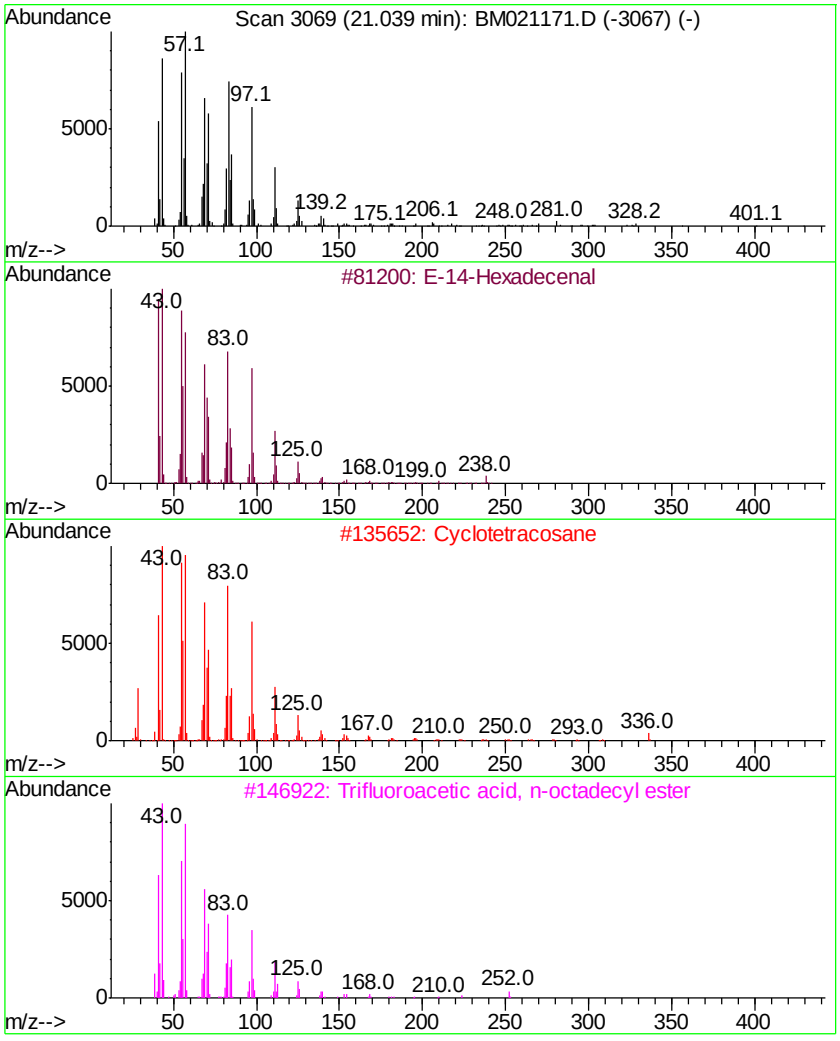
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

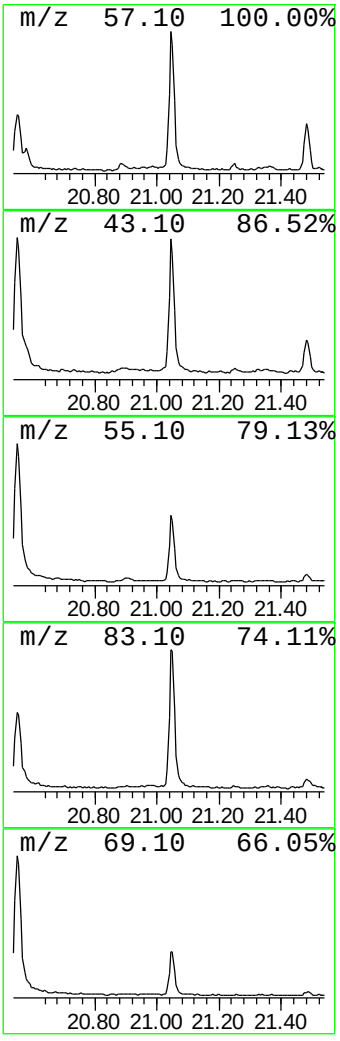
****

Peak Number 10 E-14-Hexadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.46 ng/ul	1214950	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	96
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

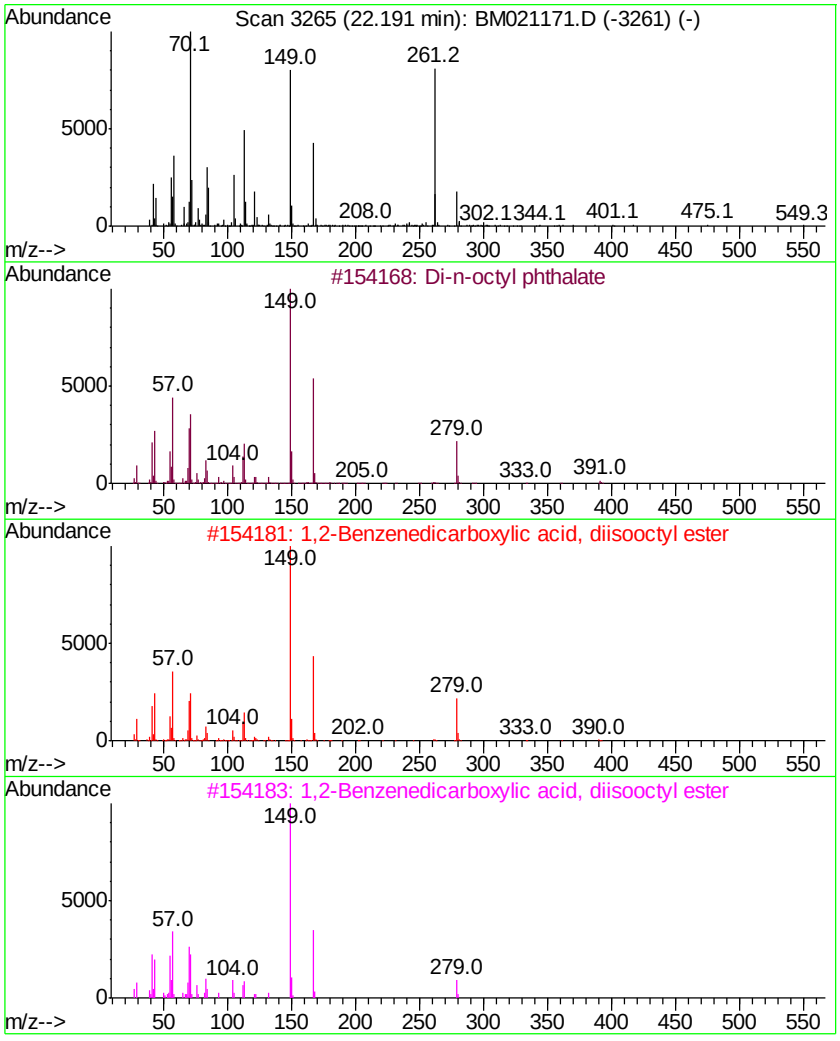
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

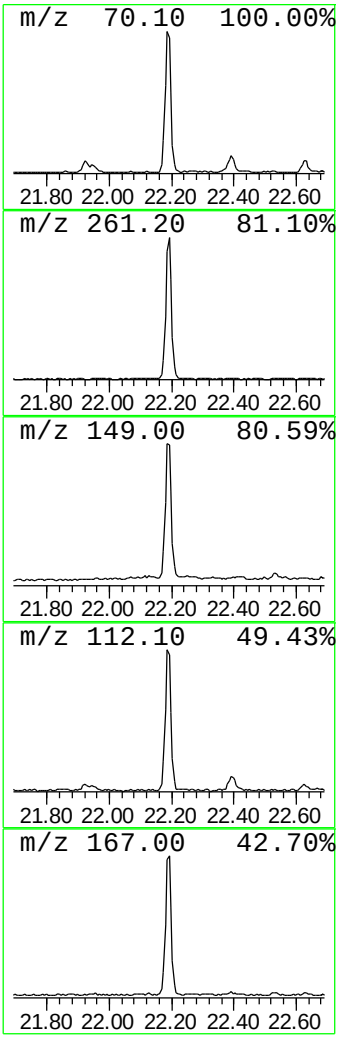
****

Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.49 ng/ul	777383	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	38
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	35
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	27
4	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	27
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

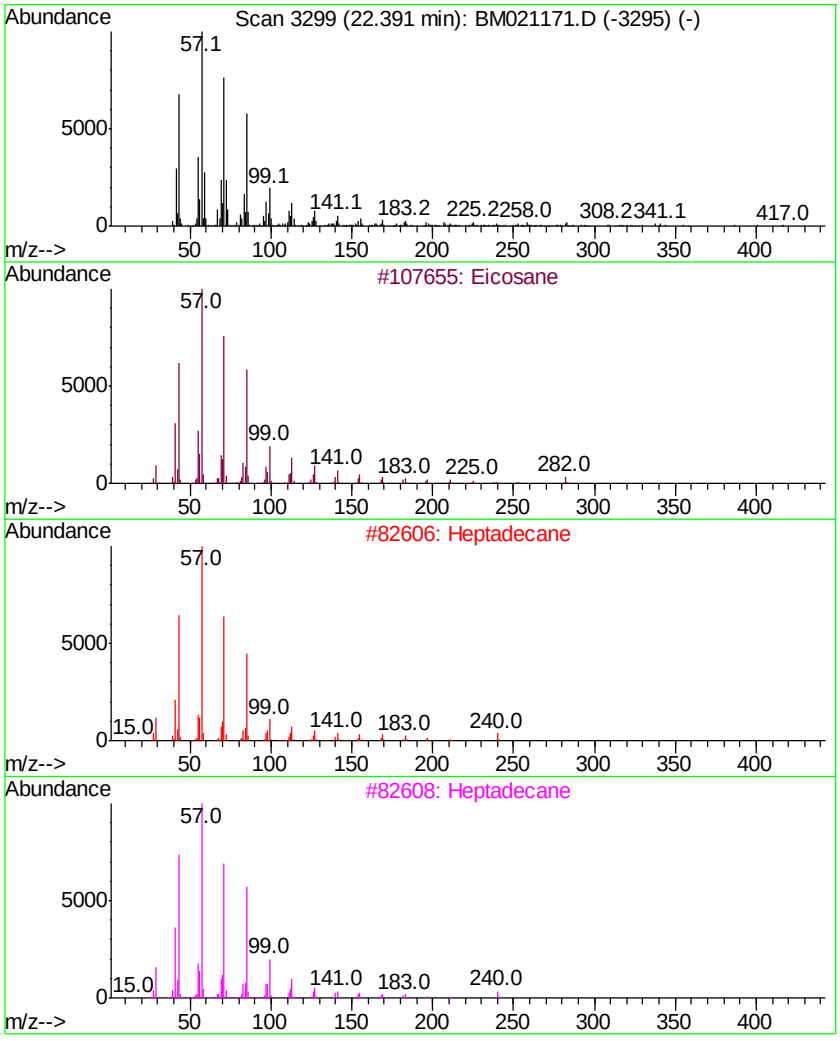
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

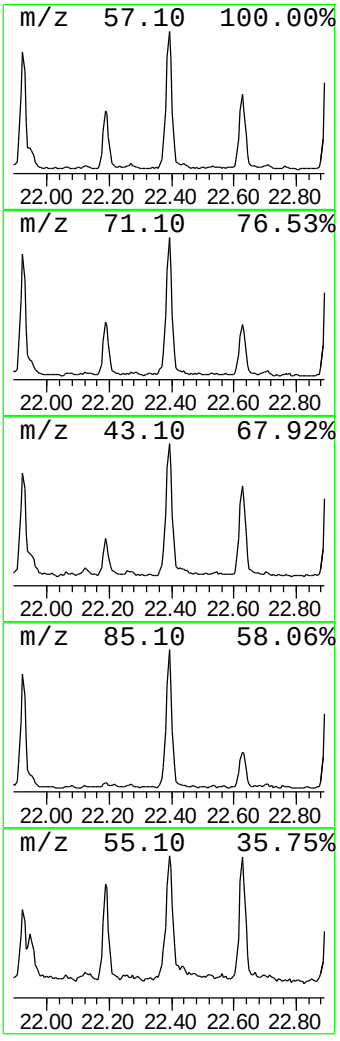
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.12 ng/ul	695425	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heptacosane	380	C27H56	000593-49-7	81
5	Heneicosane	296	C21H44	000629-94-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

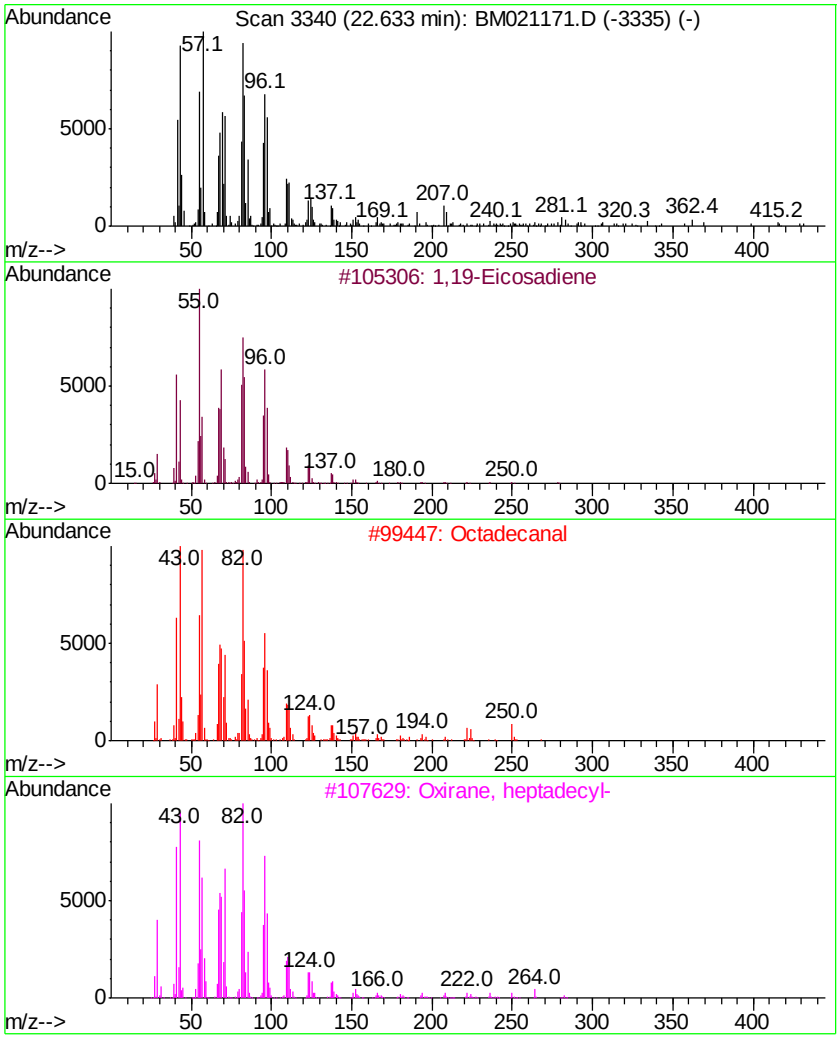
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

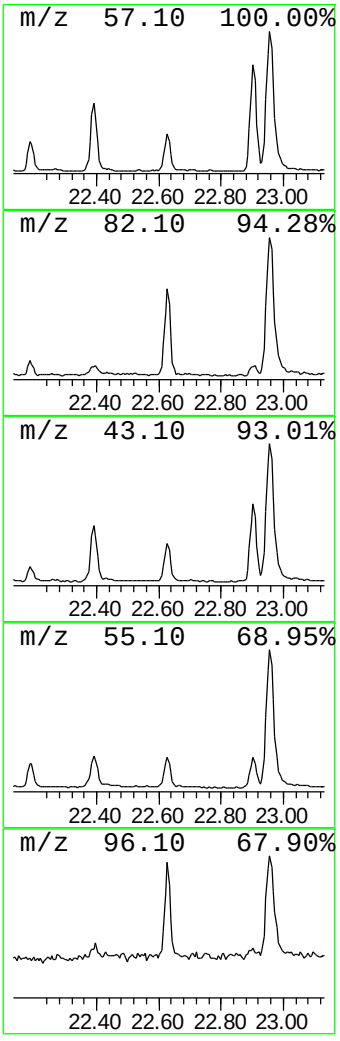
****

Peak Number 13 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.19 ng/ul	611043	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

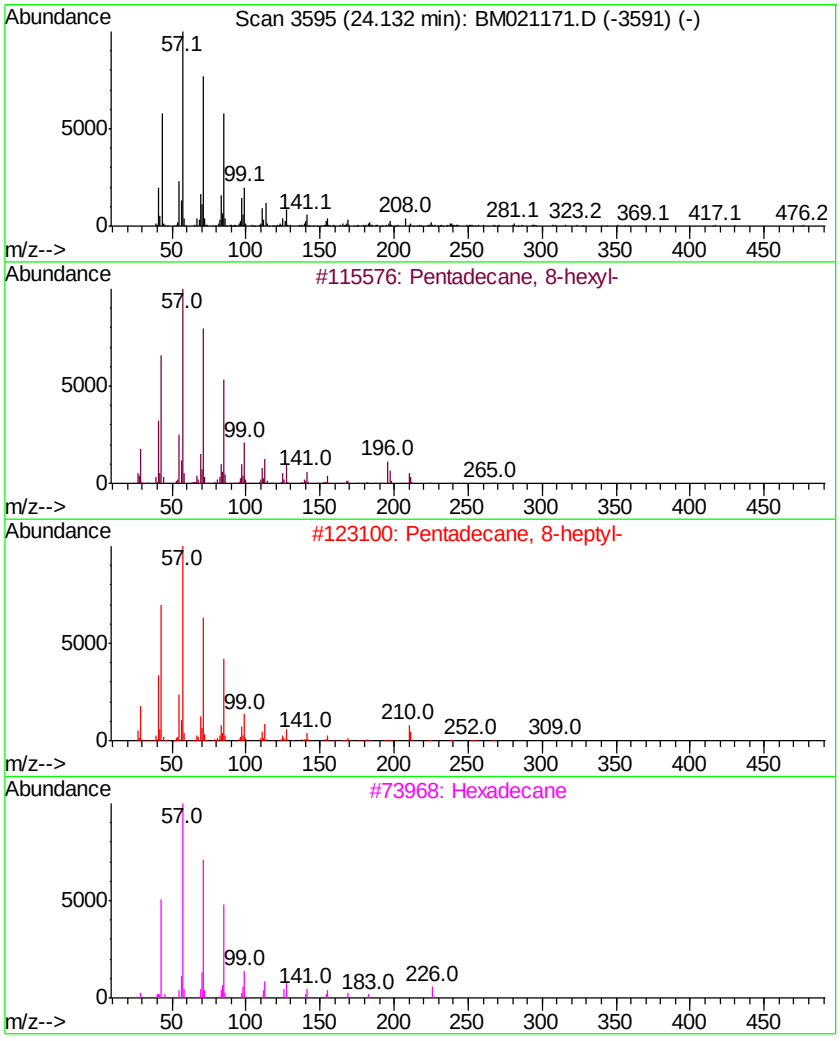
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

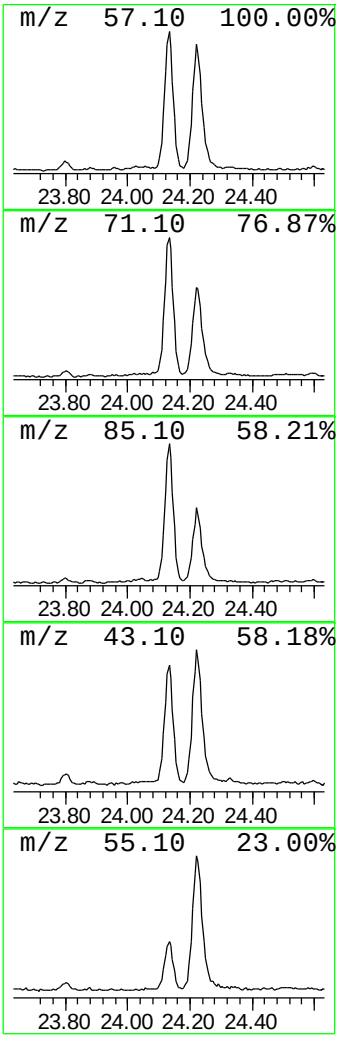
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.81 ng/ul	922114	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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

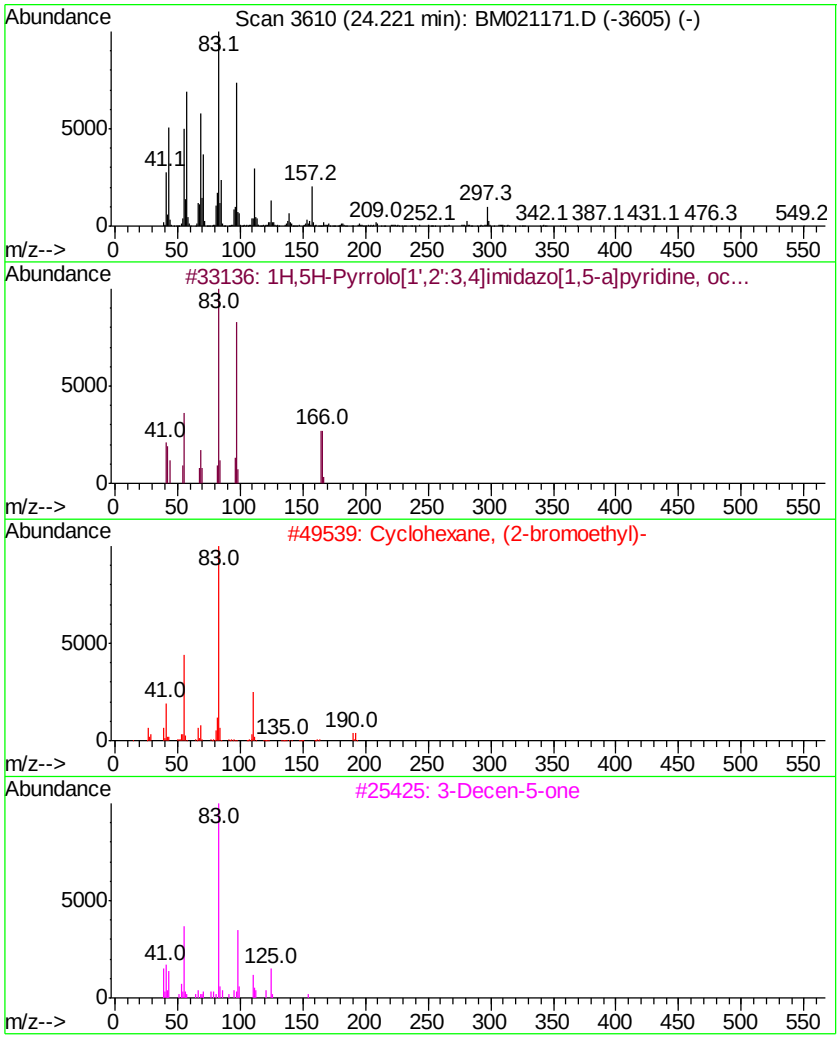
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

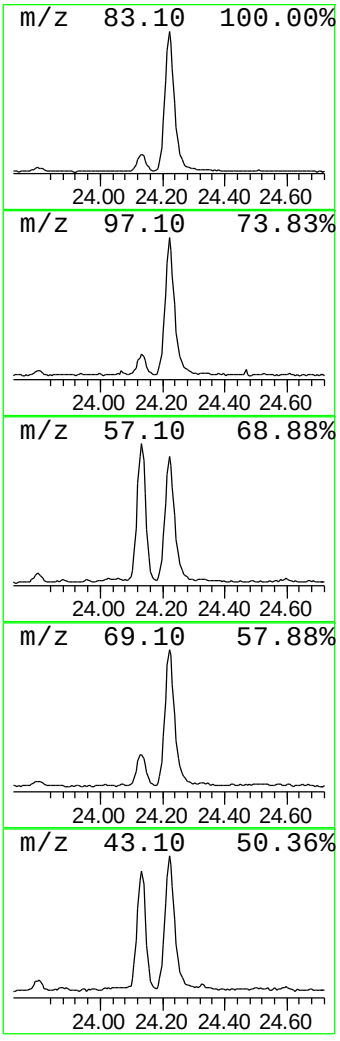
****

Peak Number 15 1H,5H-Pyrrolo[1',2':3,4]imi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	10.74 ng/ul	2059720	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,5H-Pyrrolo[1',2':3,4]imidazo[...	166	C10H18N2	054966-11-9	58
2	Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	27
3	3-Decen-5-one	154	C10H18O	032064-73-6	27
4	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
5	1-Hentetracontanol	593	C41H84O	040710-42-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021171.D
Acq On : 25 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA1

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	45.5	ng/ul	2761880	1	7.77	1215410	20.0
Cyclotrisiloxane,...	4.42	4.3	ng/ul	263136	1	7.77	1215410	20.0
1S-.alpha.-Pinene	6.45	5.7	ng/ul	346621	1	7.77	1215410	20.0
Cyclotetrasiloxan...	6.87	2.9	ng/ul	176430	1	7.77	1215410	20.0
.beta.-Pinene	7.20	2.4	ng/ul	147966	1	7.77	1215410	20.0
n-Hexadecanoic acid	18.05	6.5	ng/ul	1303060	4	17.16	3992030	20.0
Octadecanoic acid	19.33	2.8	ng/ul	628396	5	21.34	4450850	20.0
cis, cis-3-Ethylb...	20.03	3.4	ng/ul	755231	5	21.34	4450850	20.0
cis,trans-2-Ethyl...	20.55	39.9	ng/ul	8871610	5	21.34	4450850	20.0
E-14-Hexadecenal	21.04	5.5	ng/ul	1214950	5	21.34	4450850	20.0
unknown-01	22.19	3.5	ng/ul	777383	5	21.34	4450850	20.0
(DEL) Alkane: Str...	22.39	3.1	ng/ul	695425	5	21.34	4450850	20.0
1,19-Eicosadiene	22.63	3.2	ng/ul	611043	6	23.61	3836890	20.0
(DEL) Alkane: Str...	24.13	4.8	ng/ul	922114	6	23.61	3836890	20.0
1H,5H-Pyrrolo[1',...	24.22	10.7	ng/ul	2059720	6	23.61	3836890	20.0