LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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	26	rVB	2776370	3463645	68.59%	5.629%
2	4.410	238	242	252	rVB	247422	334751	6.63%	0.544%
3	6.869	655	660	664	rVV	147234	199286	3.95%	0.324%
4	6.934	665	671	685	rVB	596457	998331	19.77%	1.622%
5	7.104	694	700	713	rVB	491510	778721	15.42%	1.265%
6	7.292	726	732	741	rVB	639511	1020988	20.22%	1.659%
7	7.763	805	812	819	rBV	846006	1312162	25.98%	2.132%
8	8.463	925	931	941	rBV	697845	1142391	22.62%	1.856%
9	8.592	949	953	958	rBV5	6664	10699	0.21%	0.017%
10	8.922	1002	1009	1021	rBV	646647	1100865	21.80%	1.789%
11	9.022	1024	1026	1030	rVV3	3953	5206	0.10%	0.008%
12	9.081	1032	1036	1042	rVB6	4066	7095	0.14%	0.012%
13	9.292	1066	1072	1078	rVB	88574	129847	2.57%	0.211%
14	9.639	1124	1131	1140	rBV	563668	924408	18.31%	1.502%
15	10.175	1215	1222	1232	rBV	906631	1546039	30.62%	2.512%
16	10.551	1276	1286	1295	rBV	1223410	2076077	41.11%	3.374%
17	10.698	1303	1311	1324	rBV	667259	1235823	24.47%	2.008%
18	11.339	1409	1420	1424	rBV8	5543	14730	0.29%	0.024%
19	11.780	1490	1495	1501	rVB	65823	94768	1.88%	0.154%
20	12.063	1540	1543	1547	rVB4	3855	5424	0.11%	0.009%
21	12.145	1552	1557	1564	rVB	15770	27532	0.55%	0.045%
22	12.751	1655	1660	1665	rVB5	7122	11794	0.23%	0.019%
23	13.004	1698	1703	1708	rVB3	8613	12549	0.25%	0.020%
24	13.292	1746	1752	1759	rBV3	11586	19504	0.39%	0.032%
25	13.816	1829	1841	1846	rBV	1976365	2821455	55.87%	4.585%
26	13.863	1846	1849	1856	rVB	418163	549445	10.88%	0.893%
27	14.051	1877	1881	1883	rBV2	19496	32256	0.64%	0.052%
28	14.098	1883	1889	1901	rVB	2262018	3192631	63.22%	5.188%
29	14.404	1934	1941	1952	rVB2	2092943	3138645	62.15%	5.100%
30	14.616	1971	1977	1998	rBV	506969	953509	18.88%	1.549%
31	15.198	2069	2076	2079	rBV	29372	41548	0.82%	0.068%
32	15.233	2079	2082	2088	rVB2	24185	40807	0.81%	0.066%
33	15.351	2098	2102	2104	rBV	40983	48726	0.96%	0.079%
34	15.398	2104	2110	2118	rVB	3010610	4244512	84.05%	6.898%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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	15.527	2126	2132	2141	rBV	658874	983042	19.47%	1.597%
36	15.639	2147	2151	2156	rBV	37503	54111	1.07%	0.088%
37	15.692	2156	2160	2164	rVB6	6067	9990	0.20%	0.016%
38	15.874	2185	2191	2194	rVB5	3244	5624	0.11%	0.009%
39	15.951	2199	2204	2205	rBV4	9853	12432	0.25%	0.020%
40	16.068	2220	2224	2227	rBV5	8275	13970	0.28%	0.023%
41	16.115	2227	2232	2233	rBV4	14115	17558	0.35%	0.029%
42	16.180	2239	2243	2247	rVB6	7340	11763	0.23%	0.019%
43	16.292	2256	2262	2266	rBV7	8434	14275	0.28%	0.023%
44	16.357	2269	2273	2278	rBV8	7387	13900	0.28%	0.023%
45	16.557	2304	2307	2308	rBV3	5899	6192	0.12%	0.010%
46	16.604	2311	2315	2321	rVB	35316	45229	0.90%	0.073%
47	16.904	2363	2366	2370	rBV5	12283	18719	0.37%	0.030%
48	16.945	2370	2373	2380	rVB3	15670	25947	0.51%	0.042%
49	17.062	2387	2393	2397	rVB9	6731	15600	0.31%	0.025%
50	17.151	2402	2408	2419	rVV2	2752903	3895619	77.15%	6.331%
51	17.251	2419	2425	2433	rVV	3367488	4559890	90.30%	7.410%
52	17.439	2455	2457	2463	rVB6	6523	8209	0.16%	0.013%
53	17.639	2486	2491	2492	rBV5	13337	15731	0.31%	0.026%
54	17.668	2493	2496	2500	rVB2	27124	32442	0.64%	0.053%
55	17.815	2519	2521	2526	rVB6	11709	13802	0.27%	0.022%
56	17.915	2534	2538	2543	rBV7	8697	13733	0.27%	0.022%
57	17.986	2548	2550	2552	rVB3	9004	6586	0.13%	0.011%
58	18.045	2554	2560	2569	rBV	409389	667103	13.21%	1.084%
59	18.327	2606	2608	2615	rVB3	13643	21940	0.43%	0.036%
60	18.615	2653	2657	2662	rVB2	23288	29563	0.59%	0.048%
61	18.968	2714	2717	2719	rVB	21859	23631	0.47%	0.038%
62	19.180	2749	2753	2755	rBV	64022	87161	1.73%	0.142%
63	19.209	2755	2758	2764	rVB	97145	141762	2.81%	0.230%
64	19.321	2773	2777	2787	rBV2	145174	232688	4.61%	0.378%
65	19.415	2790	2793	2794	rBV2	32927	33584	0.67%	0.055%
66	19.545	2809	2815	2825	rBV	3712057	5049708	100.00%	8.206%
67	20.080	2904	2906	2909	rVB3	47991	46719	0.93%	0.076%
68	20.580	2987	2991	2995	rBV2	72896	92560	1.83%	0.150%
69	21.045	3066	3070	3080	rBV	535131	784009	15.53%	1.274%
70	21.333	3114	3119	3124	rBV	2590882	3423095	67.79%	5.563%
71	21.480	3141	3144	3150	rBV2	108347	126356	2.50%	0.205%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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	21.921	3216	3219	3222	rBV2	126605	139453	2.76%	0.227%
73	22.386	3295	3298	3302	rBV	162829	197570	3.91%	0.321%
74	22.621	3335	3338	3344	rVB2	273250	348417	6.90%	0.566%
75	22.897	3382	3385	3389	rBV	194065	248668	4.92%	0.404%
76	22.956	3390	3395	3406	rVB	716710	1313184	26.01%	2.134%
77	23.462	3475	3481	3497	rVB	2186276	4121388	81.62%	6.697%
78	23.609	3499	3506	3514	rVV	1610104	3077483	60.94%	5.001%

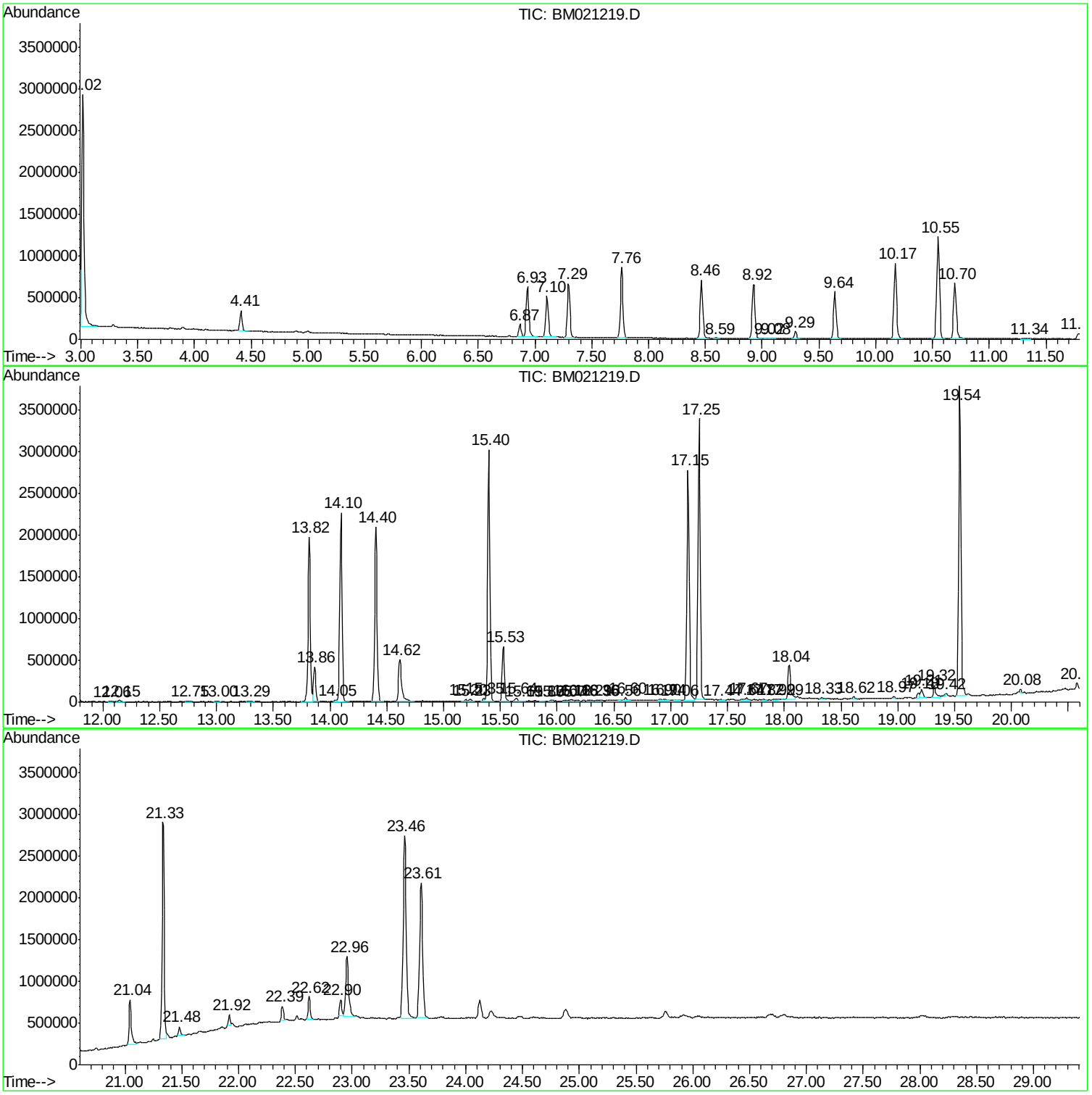
Sum of corrected areas: 61536575

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

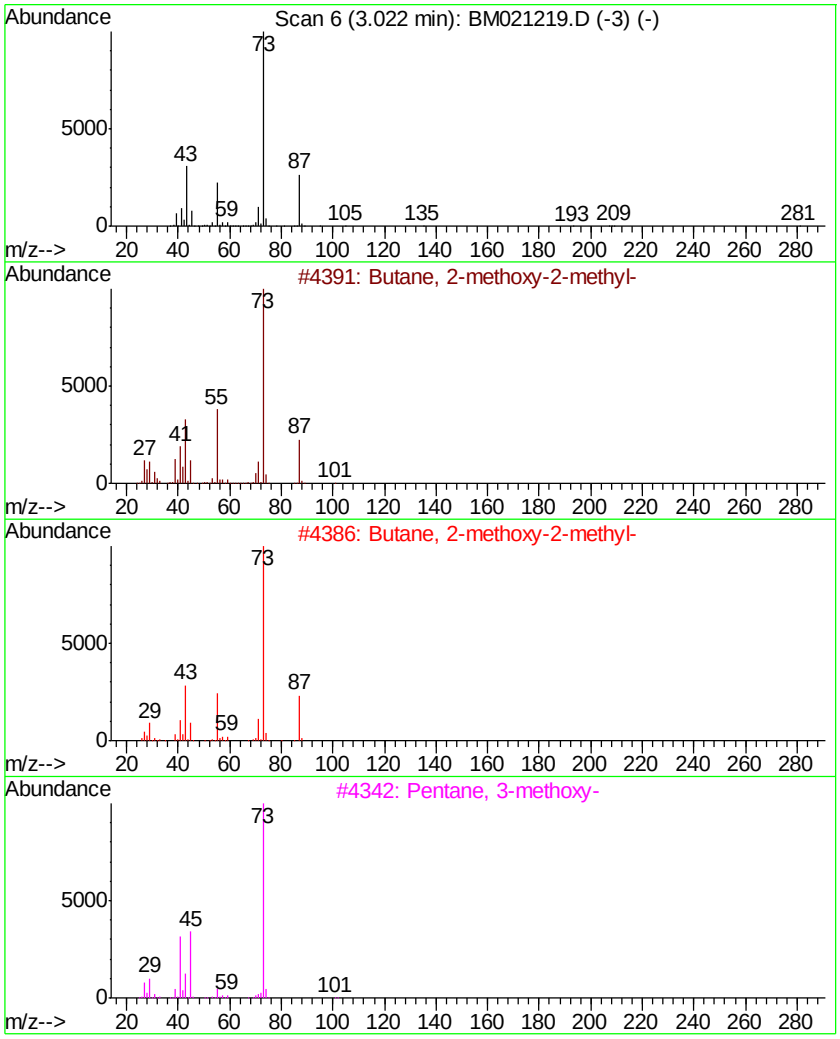
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

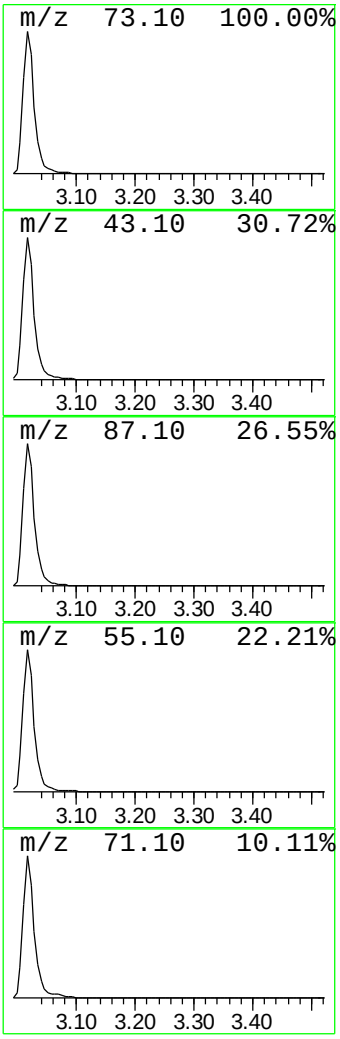
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	52.79 ng/ul	3463650	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

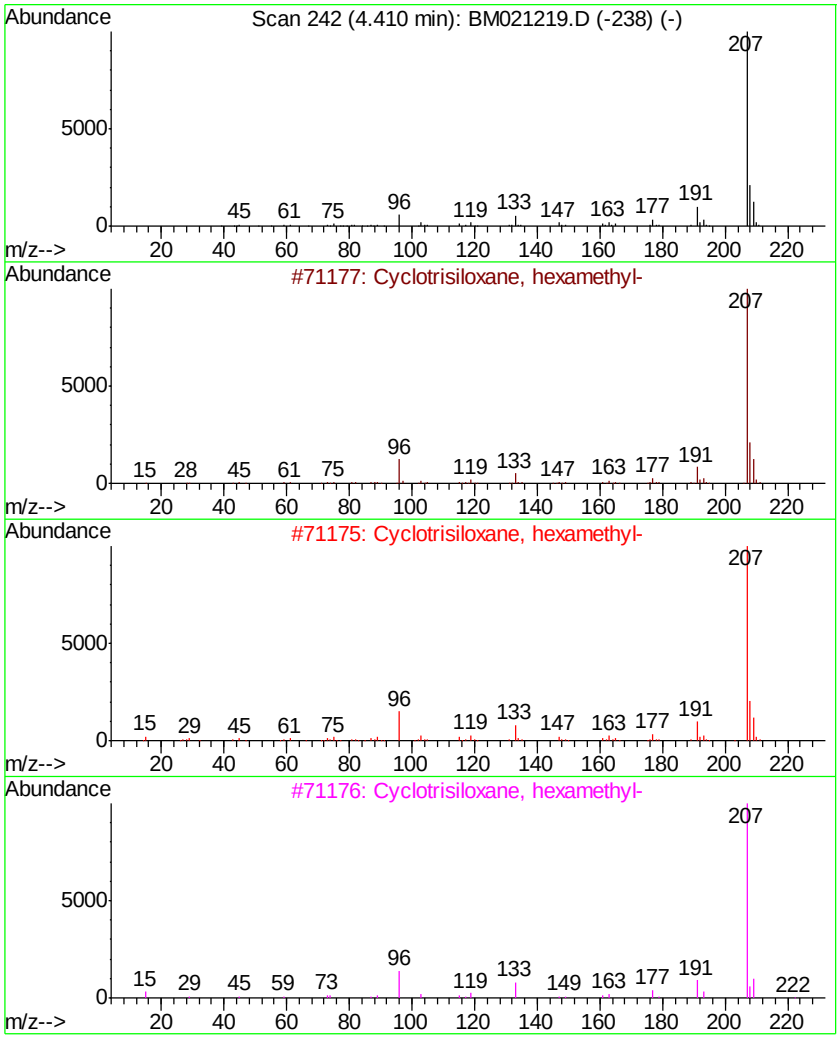
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

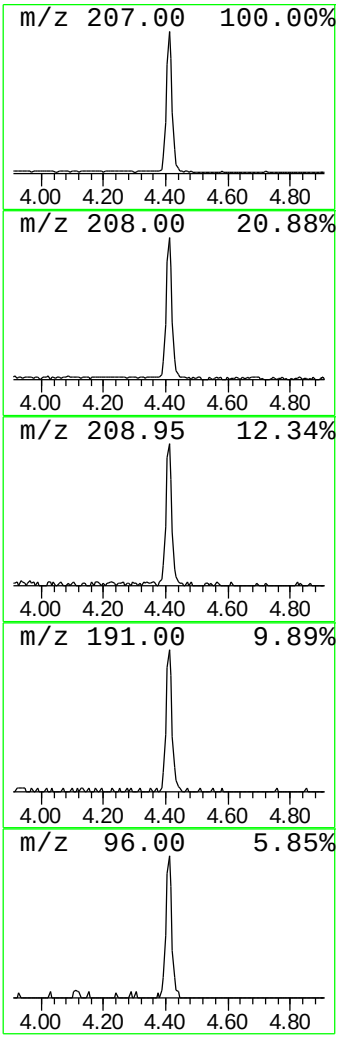
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.10 ng/ul	334751	1,4-Dichlorobenzene-d4	7.76

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	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\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

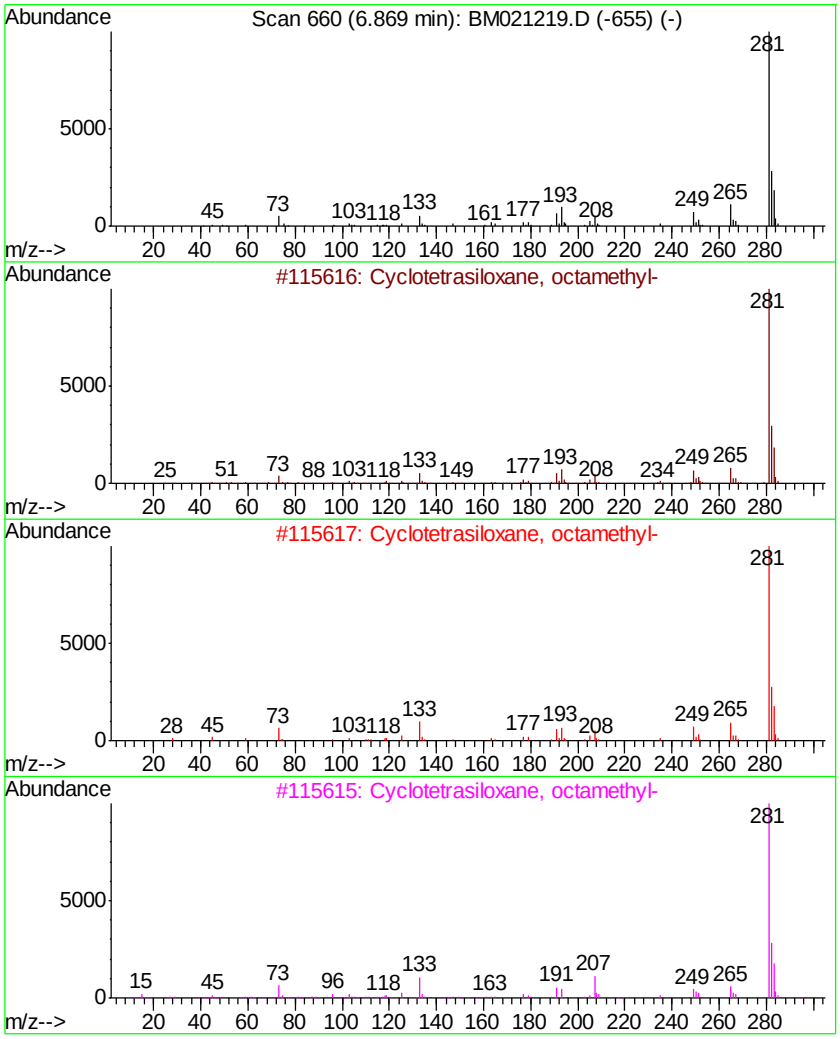
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

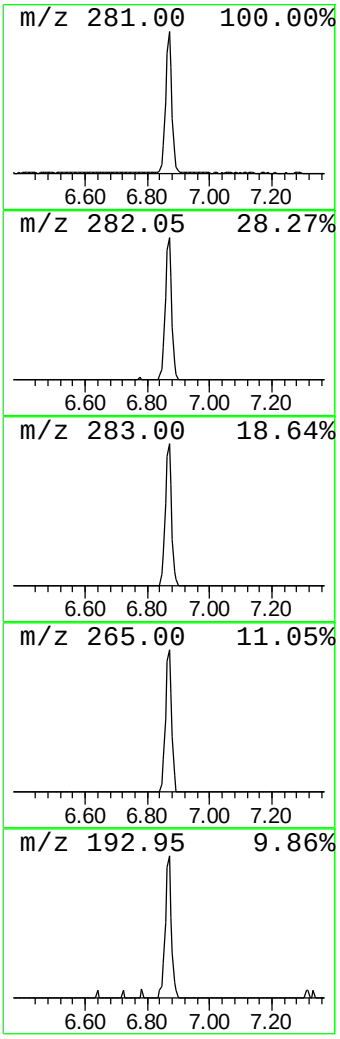
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	3.04 ng/ul	199286	1,4-Dichlorobenzene-d4	7.76

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	72
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	58
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\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

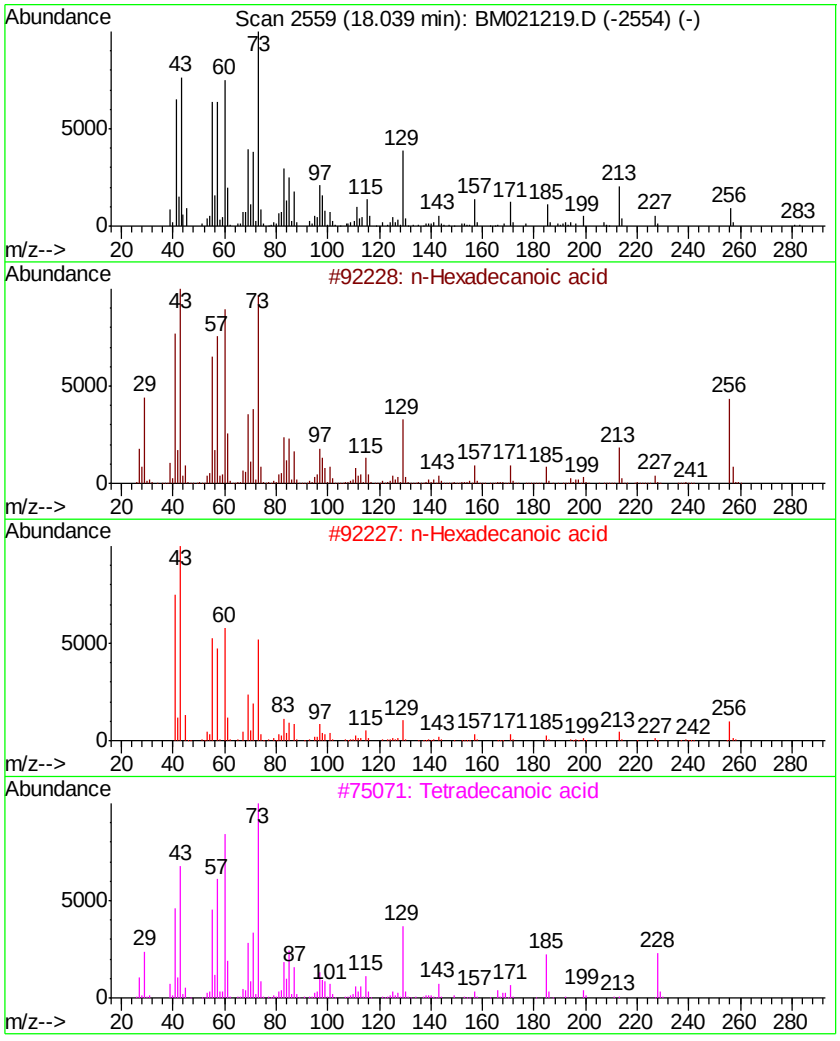
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

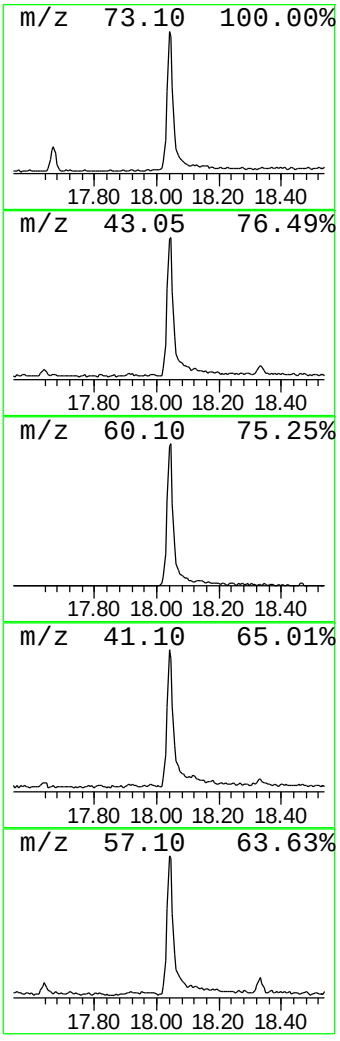
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.42 ng/ul	667103	Phenanthrene-d10	17.15

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

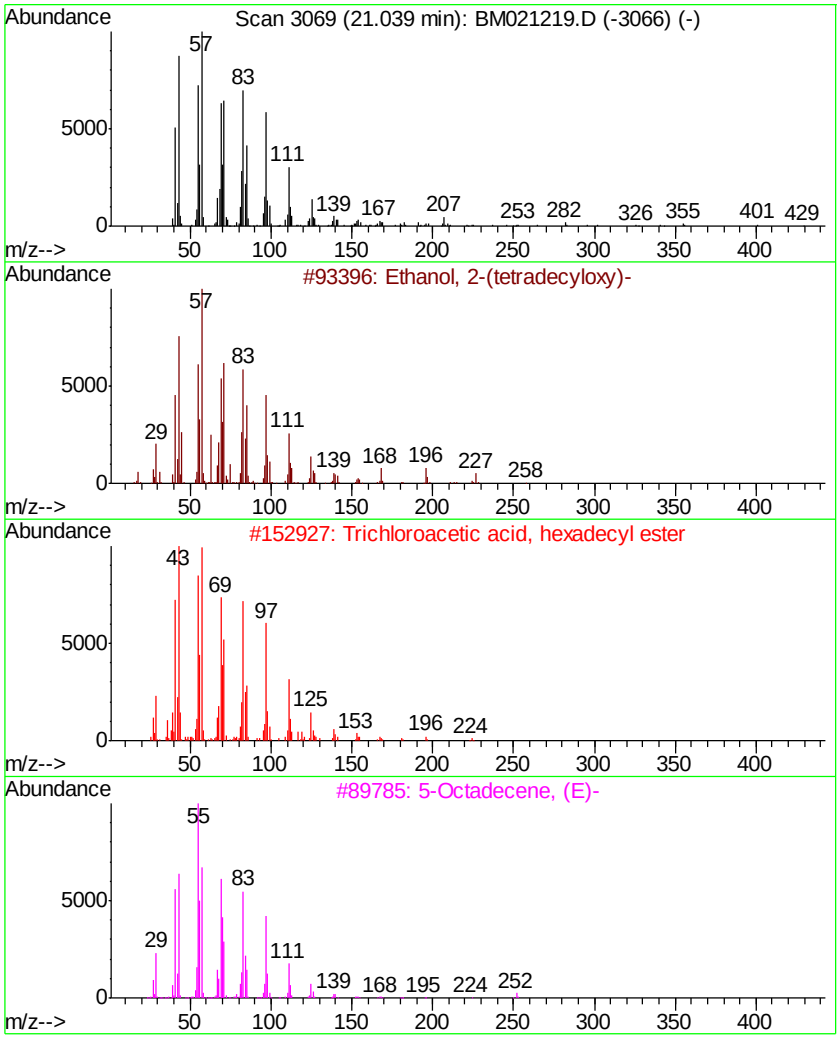
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

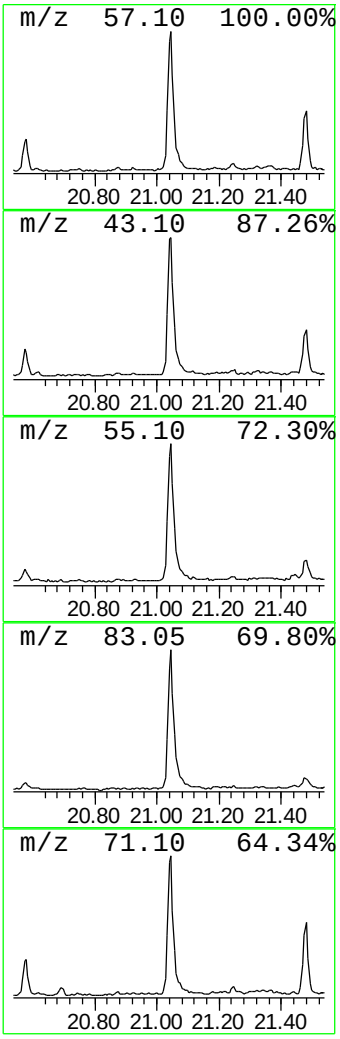
****

Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.58 ng/ul	784009	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	89
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5	1-Docosene	308	C22H44	001599-67-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

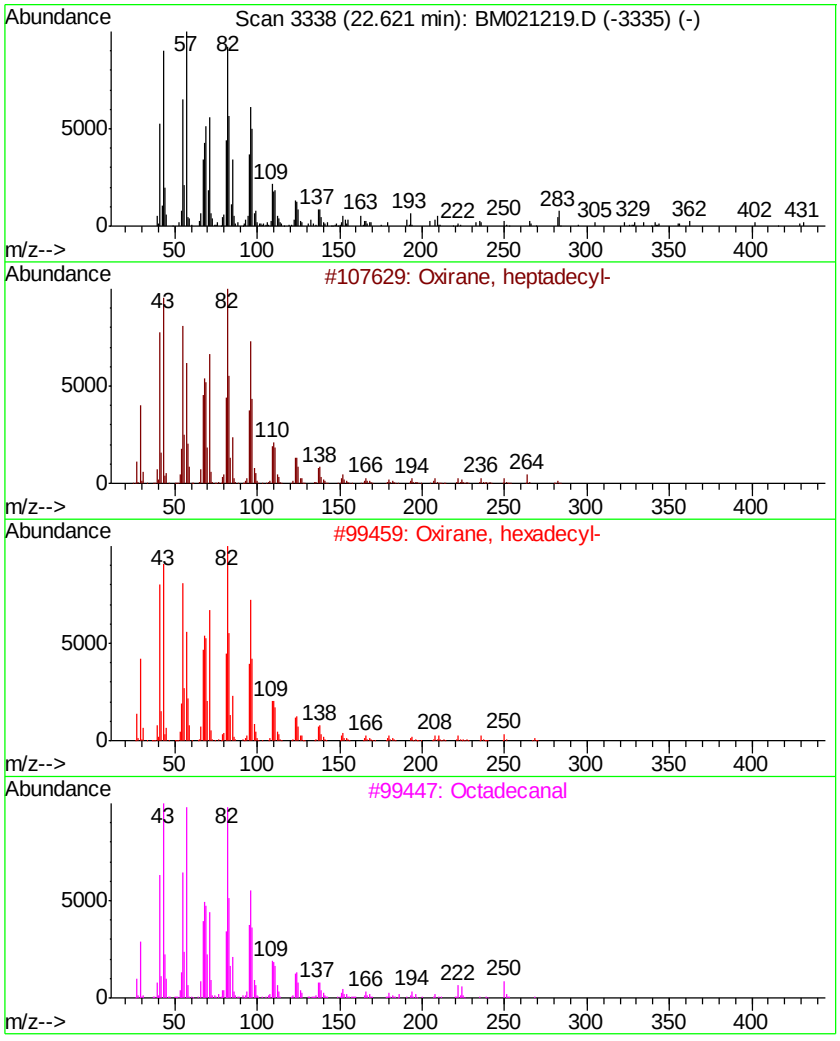
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

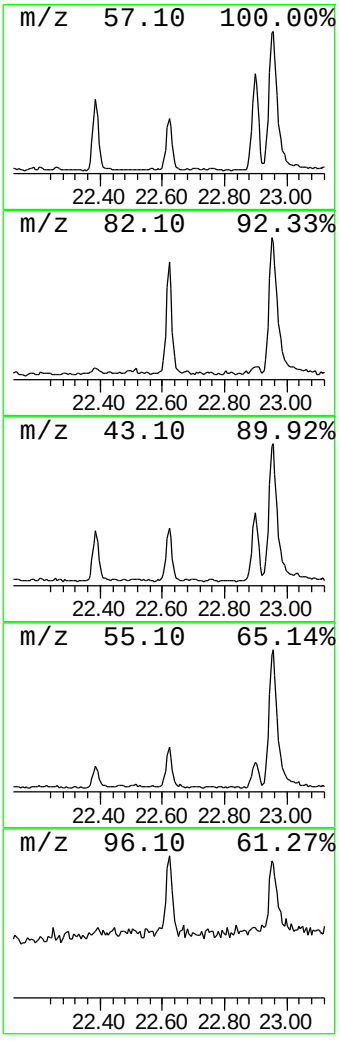
****

Peak Number 6 Oxirane, heptadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.26 ng/ul	348417	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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

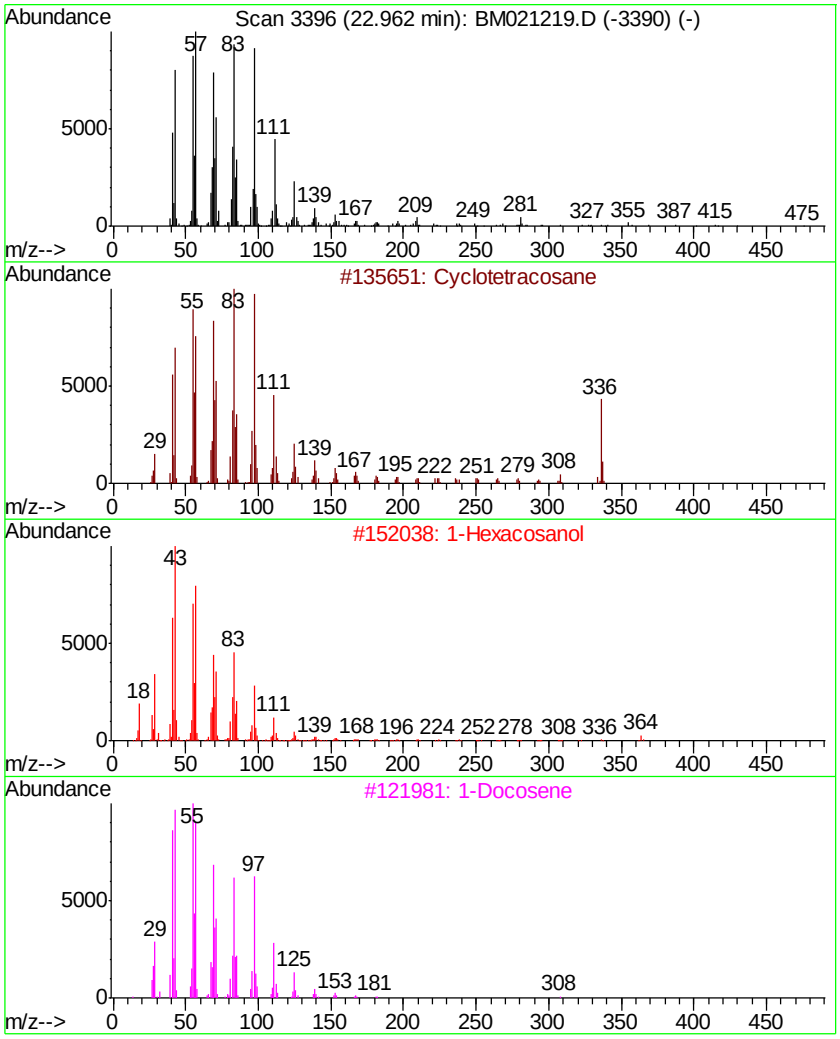
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

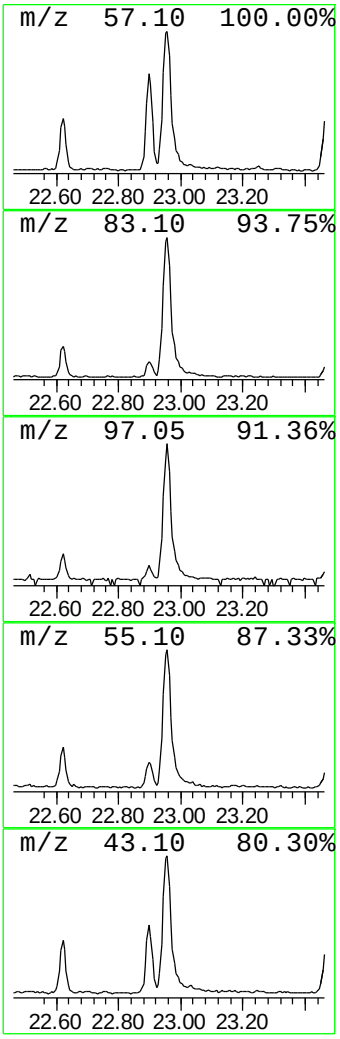
****

Peak Number 7 (DEL) Alkane: Cyclic22.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	8.53 ng/ul	1313180	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	1-Docosene	308	C22H44	001599-67-3	76
4	1-Tricosene	322	C23H46	018835-32-0	76
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062719\
Data File : BM021219.D
Acq On : 27 Jun 2019 16:32
Operator : HP/JU
Sample : K3502-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD9

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	52.8	ng/ul	3463650	1	7.76	1312160	20.0
Cyclotrisiloxane,...	4.41	5.1	ng/ul	334751	1	7.76	1312160	20.0
Cyclotetrasiloxan...	6.87	3.0	ng/ul	199286	1	7.76	1312160	20.0
n-Hexadecanoic acid	18.04	3.4	ng/ul	667103	4	17.15	3895620	20.0
Ethanol, 2-(tetra...	21.04	4.6	ng/ul	784009	5	21.33	3423100	20.0
Oxirane, heptadecyl-	22.62	2.3	ng/ul	348417	6	23.61	3077480	20.0
(DEL) Alkane: Cyc...	22.96	8.5	ng/ul	1313180	6	23.61	3077480	20.0