LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021511.D
Acq On : 18 Jul 2019 04:59
Operator : HP/JU
Sample : K3760-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Y9

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-BM070819MA.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	4.369	232	235	246	rVB2	83815	123248	3.57%	0.373%
2	6.816	648	651	657	rVB	41626	53807	1.56%	0.163%
3	6.893	659	664	675	rVB	336967	561858	16.30%	1.699%
4	7.063	688	693	702	rVB	248377	399024	11.57%	1.206%
5	7.251	720	725	736	rVB	360494	583556	16.92%	1.764%
6	7.716	798	804	812	rBV	630184	1029924	29.87%	3.114%
7	8.428	919	925	937	rVB	385934	649113	18.83%	1.963%
8	8.881	996	1002	1010	rBV	327847	546889	15.86%	1.653%
9	9.239	1059	1063	1073	rVB2	25950	47526	1.38%	0.144%
10	9.598	1118	1124	1131	rVB	252531	423684	12.29%	1.281%
11	10.128	1208	1214	1225	rBV	380489	731060	21.20%	2.210%
12	10.504	1270	1278	1289	rVB	861411	1423460	41.28%	4.304%
13	10.657	1298	1304	1320	rVB	231716	504558	14.63%	1.525%
14	11.728	1479	1486	1490	rVB2	12444	17871	0.52%	0.054%
15	12.116	1548	1552	1556	rVB3	5326	8254	0.24%	0.025%
16	12.269	1574	1578	1586	rVB7	8953	17456	0.51%	0.053%
17	12.698	1646	1651	1657	rBV7	7456	11549	0.33%	0.035%
18	12.957	1691	1695	1699	rBV3	6361	9908	0.29%	0.030%
19	13.222	1736	1740	1744	rBV4	6175	7705	0.22%	0.023%
20	13.533	1787	1793	1803	rBV2	20514	53309	1.55%	0.161%
21	13.780	1824	1835	1840	rBV	865135	1225667	35.55%	3.706%
22	13.827	1840	1843	1848	rVB	43493	60654	1.76%	0.183%
23	14.057	1876	1882	1889	rBV	959557	1376207	39.91%	4.161%
24	14.186	1900	1904	1908	rVB3	5150	7146	0.21%	0.022%
25	14.310	1917	1925	1928	rBV	37431	48856	1.42%	0.148%
26	14.363	1928	1934	1941	rVV2	1253444	1891089	54.85%	5.717%
27	14.421	1942	1944	1952	rVB4	8675	16769	0.49%	0.051%
28	14.592	1967	1973	1985	rBV2	175986	402172	11.66%	1.216%
29	14.674	1985	1987	1994	rVB2	14299	19945	0.58%	0.060%
30	14.810	2005	2010	2013	rVB5	6982	11457	0.33%	0.035%
31	15.157	2063	2069	2073	rBV2	10325	14432	0.42%	0.044%
32	15.310	2090	2095	2097	rVB3	5994	7437	0.22%	0.022%
33	15.363	2097	2104	2116	rBV	1296996	1882849	54.61%	5.693%
34	15.498	2121	2127	2138	rBV	242445	383769	11.13%	1.160%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : DB8Y9

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-BM070819MA.M
Title : SVOA CALIBRATION

35	15.604	2138	2145	2149	rVB2	12065	16138	0.47%	0.049%
36	15.839	2179	2185	2188	rBV3	13500	19635	0.57%	0.059%
37	16.521	2298	2301	2304	rBV3	6982	9825	0.28%	0.030%
38	16.551	2304	2306	2312	rVB4	5040	7521	0.22%	0.023%
39	16.845	2349	2356	2362	rBV2	97991	145635	4.22%	0.440%
40	16.898	2362	2365	2369	rBV4	6879	10177	0.30%	0.031%
41	17.027	2382	2387	2391	rBV6	6653	9393	0.27%	0.028%
42	17.115	2395	2402	2413	rVV2	1623675	2247555	65.18%	6.795%
43	17.215	2413	2419	2429	rVV	1462147	2118103	61.43%	6.404%
44	17.292	2429	2432	2436	rVB5	8442	11295	0.33%	0.034%
45	18.004	2549	2553	2563	rBV	134645	224068	6.50%	0.677%
46	18.086	2564	2567	2571	rVB	13767	20432	0.59%	0.062%
47	18.292	2598	2602	2605	rBV5	12314	17579	0.51%	0.053%
48	18.968	2690	2717	2719	rBV7	179147	777657	22.55%	2.351%
49	19.292	2768	2772	2778	rVB4	44646	63746	1.85%	0.193%
50	19.509	2803	2809	2821	rBV	1990441	2768289	80.29%	8.370%
51	19.903	2874	2876	2882	rVB	32471	35857	1.04%	0.108%
52	20.862	3035	3039	3044	rBV	470995	552762	16.03%	1.671%
53	21.009	3060	3064	3074	rBV4	152795	303043	8.79%	0.916%
54	21.209	3096	3098	3104	rVB	84466	87832	2.55%	0.266%
55	21.303	3109	3114	3125	rBV	2035409	2633847	76.39%	7.963%
56	22.850	3374	3377	3384	rVB2	193208	261772	7.59%	0.791%
57	23.415	3467	3473	3487	rVB	1835560	3448009	100.00%	10.425%
58	23.556	3491	3497	3507	rVB	1448914	2733199	79.27%	8.263%

Sum of corrected areas: 33075577

LSC Report - Integrated Chromatogram

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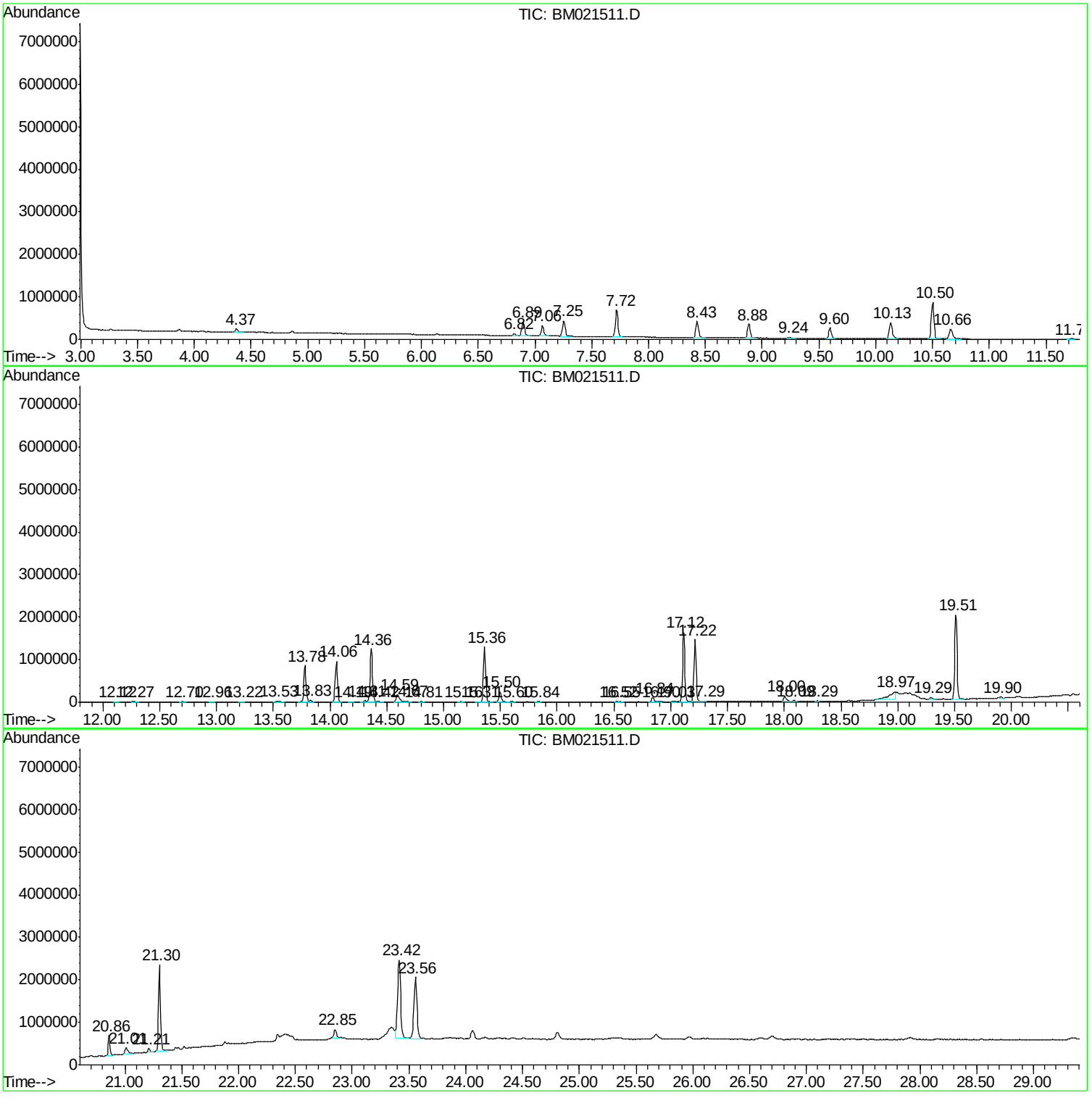
Sample : K3760-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Y9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071719\
Data File : BM021511.D
Acq On : 18 Jul 2019 04:59
Operator : HP/JU
Sample : K3760-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Y9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

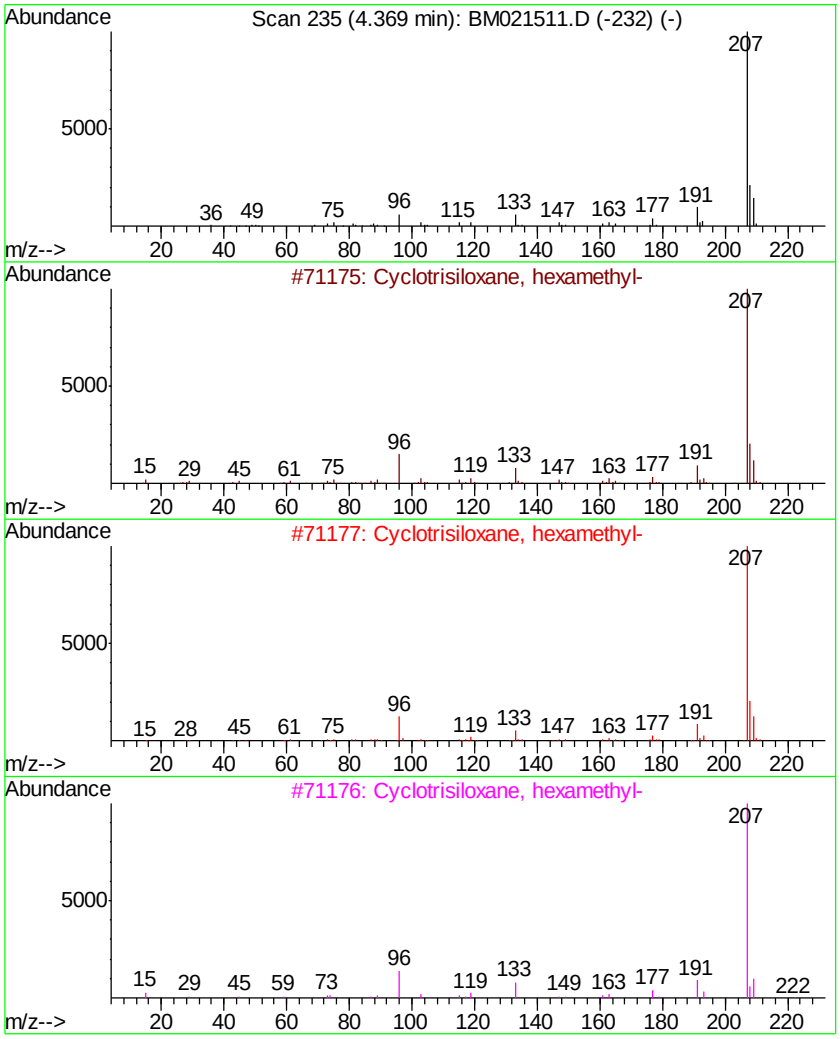
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

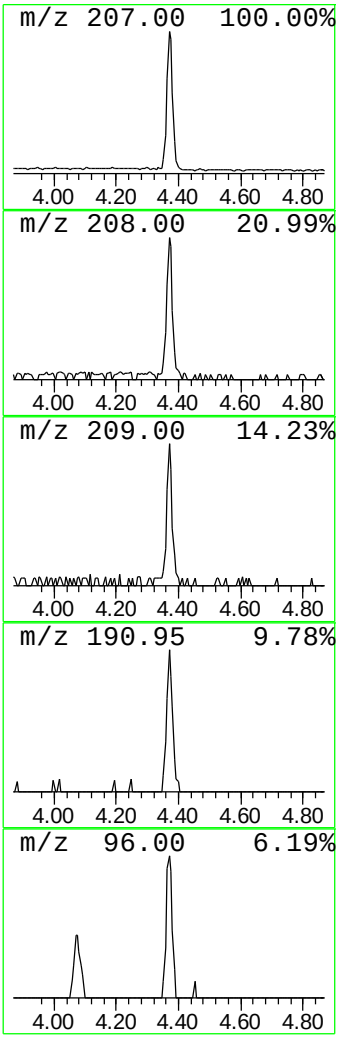
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	2.39 ng/ul	123248	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	40
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





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Instrument : BNA_M
ClientSampleId : DB8Y9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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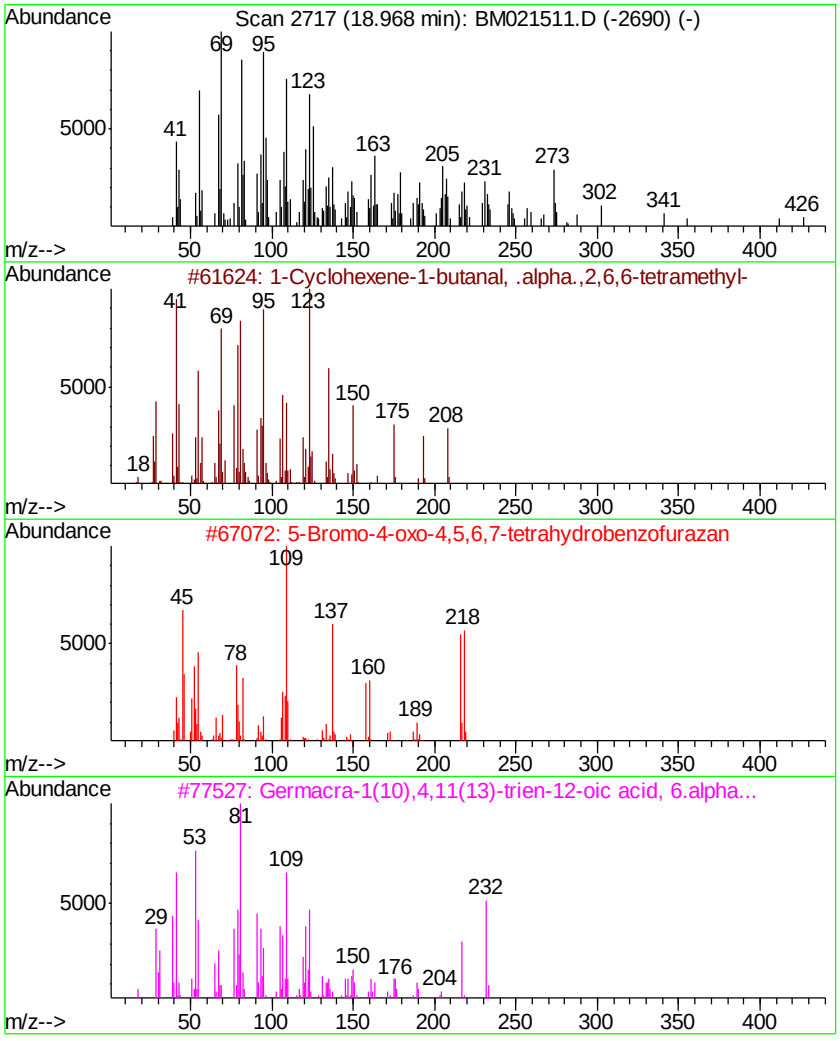
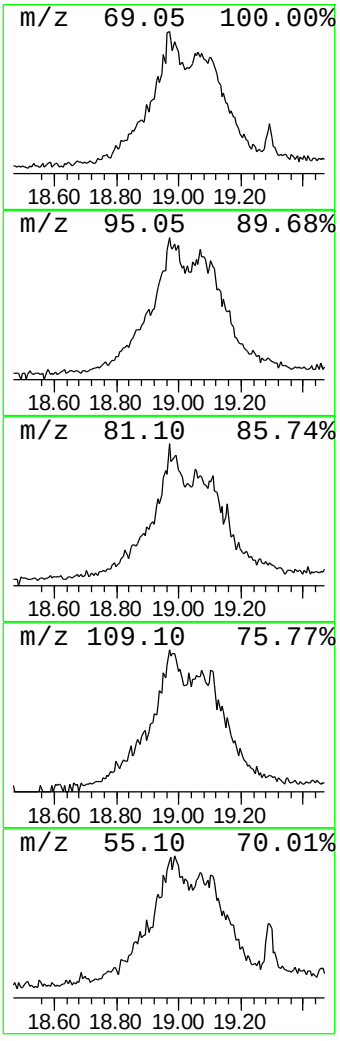
Peak Number 2 1-Cyclohexene-1-butanal, .a... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.92 ng/ul	777657	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	83
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	50
4	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1000195-30-1	46
5	Sesquirosefuran	218	C15H22O	039007-93-7	42





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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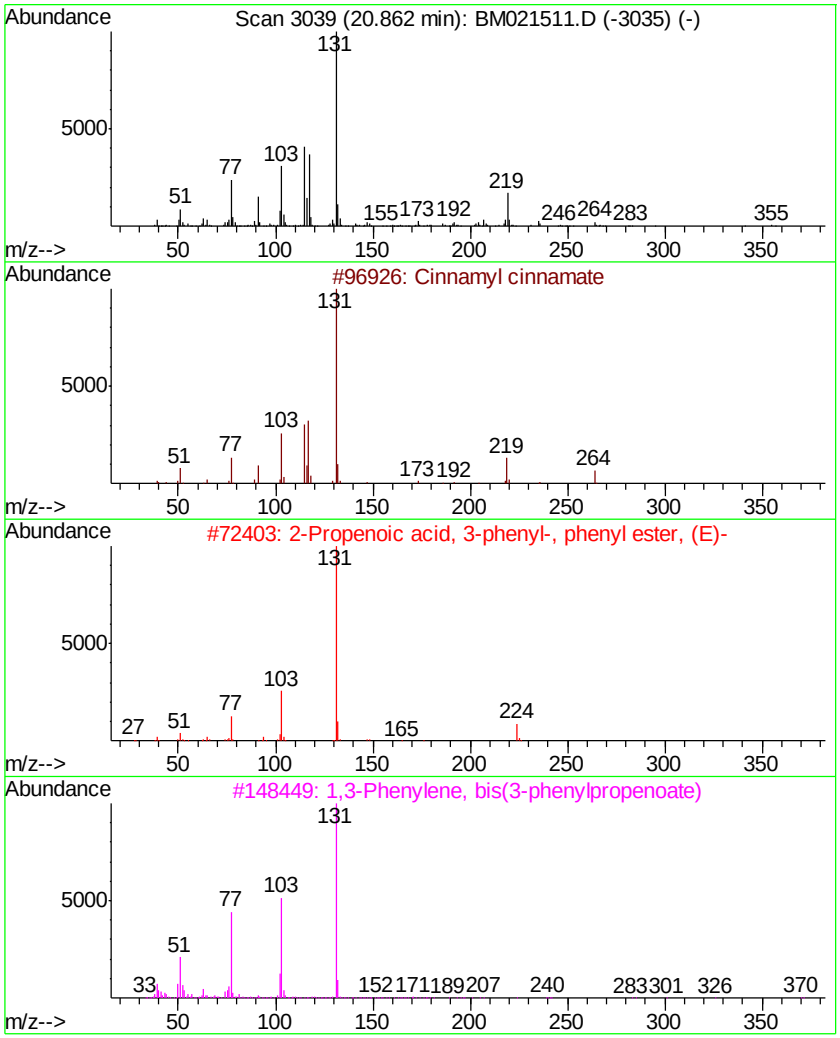
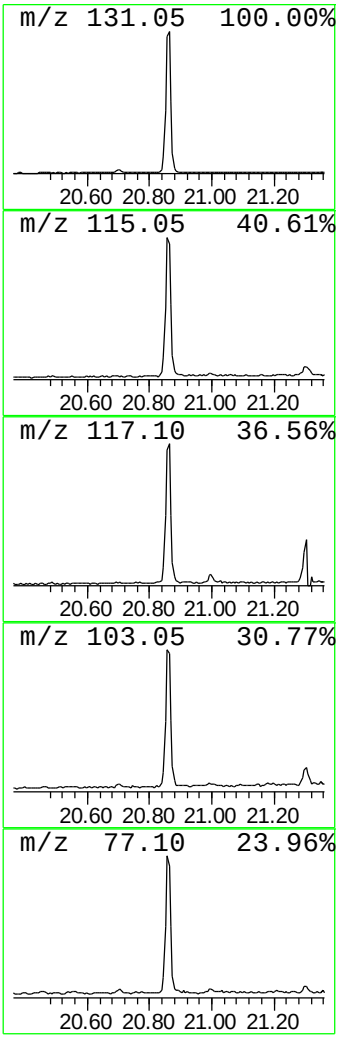
Peak Number 3 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.20 ng/ul	552762	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	47
3	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	47
4	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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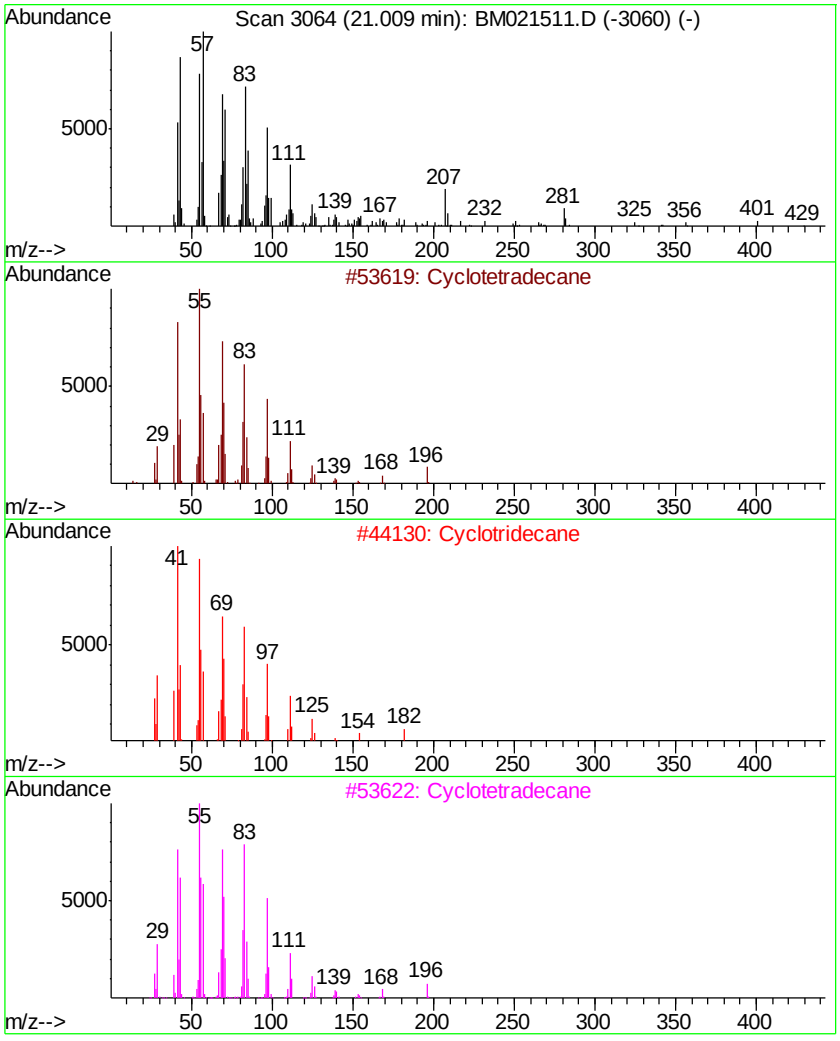
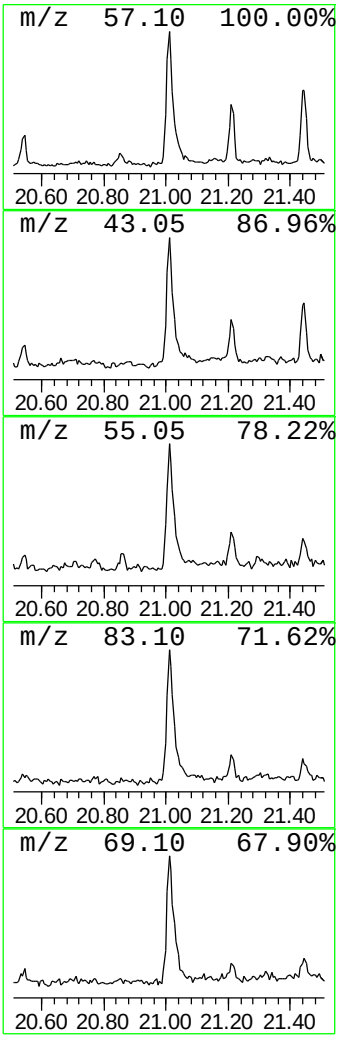
Peak Number 4 (DEL) Alkane: Cyclic21.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.30 ng/ul	303043	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	Cyclotridecane	182	C13H26	000295-02-3	95
3	Cyclotetradecane	196	C14H28	000295-17-0	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	4.37	2.4	ng/ul	123248	1	7.72	1029920	20.0
1-Cyclohexene-1-b...	18.97	6.9	ng/ul	777657	4	17.12	2247560	20.0
Cinnamyl cinnamate	20.86	4.2	ng/ul	552762	5	21.30	2633850	20.0
(DEL) Alkane: Cyc...	21.01	2.3	ng/ul	303043	5	21.30	2633850	20.0