LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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	21	rVB	2672182	2991622	17.64%	1.420%
2	4.352	228	232	237	rBV2	161896	206434	1.22%	0.098%
3	4.405	237	241	250	rVB	339472	446441	2.63%	0.212%
4	6.440	582	587	594	rVB	102294	165608	0.98%	0.079%
5	6.775	639	644	650	rVB	63214	111448	0.66%	0.053%
6	6.863	653	659	664	rVV	230664	334764	1.97%	0.159%
7	6.928	664	670	684	rVB	1002395	1711374	10.09%	0.812%
8	7.098	693	699	711	rVB	798804	1240449	7.32%	0.589%
9	7.293	725	732	739	rBV	1065650	1669823	9.85%	0.792%
10	7.757	803	811	817	rBV	978881	1551692	9.15%	0.736%
11	8.010	849	854	859	rBV	93896	160376	0.95%	0.076%
12	8.463	924	931	946	rVV	1332651	2231494	13.16%	1.059%
13	8.922	1001	1009	1019	rBV	1073835	1753681	10.34%	0.832%
14	9.069	1030	1034	1043	rVB	128340	198045	1.17%	0.094%
15	9.287	1065	1071	1078	rBV	179061	262477	1.55%	0.125%
16	9.634	1122	1130	1140	rBV	915979	1537090	9.07%	0.730%
17	10.169	1214	1221	1232	rBV	1512608	2500662	14.75%	1.187%
18	10.545	1277	1285	1292	rBV	1423036	2334542	13.77%	1.108%
19	10.692	1304	1310	1327	rVV	435296	904273	5.33%	0.429%
20	11.222	1394	1400	1407	rBV2	73496	118453	0.70%	0.056%
21	11.486	1435	1445	1450	rBV3	82846	140238	0.83%	0.067%
22	11.775	1490	1494	1505	rVB	132105	202876	1.20%	0.096%
23	12.663	1638	1645	1650	rBV3	59815	114168	0.67%	0.054%
24	12.745	1651	1659	1669	rVB	134132	260808	1.54%	0.124%
25	12.845	1671	1676	1681	rVB2	78676	111259	0.66%	0.053%
26	12.998	1694	1702	1706	rBV	169544	257092	1.52%	0.122%
27	13.816	1830	1841	1845	rBV	2624033	3867259	22.81%	1.835%
28	13.863	1845	1849	1855	rVB	1061057	1455447	8.58%	0.691%
29	14.092	1882	1888	1895	rVV	3017522	4578554	27.00%	2.173%
30	14.351	1925	1932	1935	rBV	68429	113637	0.67%	0.054%
31	14.398	1935	1940	1947	rVV2	2145714	3234112	19.08%	1.535%
32	14.463	1947	1951	1957	rVB	85867	161900	0.95%	0.077%
33	14.616	1970	1977	1987	rBV	845631	1542540	9.10%	0.732%
34	14.710	1988	1993	1998	rVB	75449	120485	0.71%	0.057%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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	14.816	2000	2011	2018	rBV4	65590	169008	1.00%	0.080%
36	15.392	2104	2109	2116	rVV	3746123	5578961	32.91%	2.648%
37	15.521	2126	2131	2139	rBV	843048	1193976	7.04%	0.567%
38	15.633	2143	2150	2157	rVV4	108841	206625	1.22%	0.098%
39	15.769	2170	2173	2178	rVV	82747	119502	0.70%	0.057%
40	15.957	2199	2205	2213	rVB5	151190	313413	1.85%	0.149%
41	16.104	2227	2230	2238	rVB6	49461	124444	0.73%	0.059%
42	16.474	2287	2293	2301	rVV4	135815	240316	1.42%	0.114%
43	16.545	2301	2305	2310	rVV	176641	244749	1.44%	0.116%
44	16.768	2338	2343	2346	rBV3	107255	167504	0.99%	0.079%
45	16.898	2357	2365	2370	rBV6	82397	203244	1.20%	0.096%
46	17.045	2385	2390	2397	rBV	183147	302206	1.78%	0.143%
47	17.110	2397	2401	2403	rBV	134197	178722	1.05%	0.085%
48	17.151	2403	2408	2412	rVV2	2490543	3578891	21.11%	1.699%
49	17.192	2412	2415	2419	rVV	851960	1127907	6.65%	0.535%
50	17.245	2419	2424	2433	rVV	3567418	5429238	32.02%	2.577%
51	17.527	2468	2472	2476	rBV	215000	327369	1.93%	0.155%
52	17.927	2533	2540	2545	rBV	377248	648560	3.83%	0.308%
53	17.980	2545	2549	2554	rVV	433875	612574	3.61%	0.291%
54	18.045	2554	2560	2569	rVV2	2817518	4133712	24.38%	1.962%
55	18.215	2585	2589	2593	rBV2	140531	245796	1.45%	0.117%
56	18.251	2593	2595	2603	rVB2	124188	170710	1.01%	0.081%
57	18.339	2605	2610	2614	rBV3	133536	248728	1.47%	0.118%
58	18.527	2638	2642	2646	rVV	104441	131896	0.78%	0.063%
59	18.574	2646	2650	2654	rBV	92151	122794	0.72%	0.058%
60	18.904	2702	2706	2709	rBV	88462	123646	0.73%	0.059%
61	18.962	2713	2716	2720	rVB	121855	150546	0.89%	0.071%
62	19.062	2729	2733	2744	rVB2	299765	526481	3.11%	0.250%
63	19.204	2753	2757	2772	rVB	2218674	3528026	20.81%	1.674%
64	19.321	2773	2777	2787	rBV	768360	1075476	6.34%	0.510%
65	19.545	2809	2815	2818	rBV	3875649	5733945	33.82%	2.721%
66	19.568	2818	2819	2824	rVB	1227389	1240292	7.32%	0.589%
67	19.892	2870	2874	2881	rBV3	78272	181651	1.07%	0.086%
68	20.074	2898	2905	2909	rVB3	420839	817674	4.82%	0.388%
69	20.168	2918	2921	2924	rBV	99911	113258	0.67%	0.054%
70	20.409	2958	2962	2970	rBV6	147073	281100	1.66%	0.133%
71	20.574	2987	2990	2995	rVB	214652	238695	1.41%	0.113%

LSC Area Percent Report

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Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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	20.815	3028	3031	3036	rBV	113779	151718	0.89%	0.072%
73	20.886	3039	3043	3048	rBV	910006	1070180	6.31%	0.508%
74	21.039	3064	3069	3077	rVB2	2270234	2917707	17.21%	1.385%
75	21.109	3079	3081	3086	rVB	164947	191246	1.13%	0.091%
76	21.333	3112	3119	3123	rBV2	2991684	4700277	27.72%	2.231%
77	21.368	3123	3125	3133	rVB	838387	943618	5.57%	0.448%
78	21.474	3140	3143	3153	rVB3	511535	804274	4.74%	0.382%
79	21.656	3171	3174	3178	rVB2	505148	517414	3.05%	0.246%
80	21.915	3213	3218	3219	rBV	1837206	2182558	12.87%	1.036%
81	21.939	3219	3222	3230	rVB	2910800	4109593	24.24%	1.950%
82	22.121	3250	3253	3259	rVB2	345528	407150	2.40%	0.193%
83	22.380	3292	3297	3301	rBV2	1186821	1783792	10.52%	0.847%
84	22.615	3332	3337	3350	rBV	6403603	8858035	52.25%	4.204%
85	22.897	3379	3385	3389	rBV	6738833	11300784	66.65%	5.363%
86	22.950	3389	3394	3405	rVB	9617708	16954588	100.00%	8.047%
87	23.168	3428	3431	3436	rVB	359855	490732	2.89%	0.233%
88	23.462	3475	3481	3486	rBV2	3482404	6168806	36.38%	2.928%
89	23.603	3500	3505	3511	rBV	1733678	3099434	18.28%	1.471%
90	23.791	3531	3537	3545	rVB	3838036	6730118	39.69%	3.194%
91	24.121	3587	3593	3602	rVB	5762676	11108920	65.52%	5.272%
92	24.215	3604	3609	3621	rVB	2040125	4313510	25.44%	2.047%
93	24.880	3716	3722	3736	rVB5	1444298	3454892	20.38%	1.640%
94	25.338	3792	3800	3817	rVB	3536029	8537982	50.36%	4.052%
95	25.762	3864	3872	3878	rBV	1712165	4525206	26.69%	2.148%
96	25.921	3892	3899	3911	rVB3	1511065	4529398	26.71%	2.150%
97	26.050	3914	3921	3938	rVB3	1589602	4945750	29.17%	2.347%
98	26.685	4020	4029	4042	rVB2	3045994	9345912	55.12%	4.436%
99	27.468	4155	4162	4171	rVB3	981843	2878326	16.98%	1.366%
100	28.274	4292	4299	4320	rVB3	1371357	5259168	31.02%	2.496%

Sum of corrected areas: 210703846

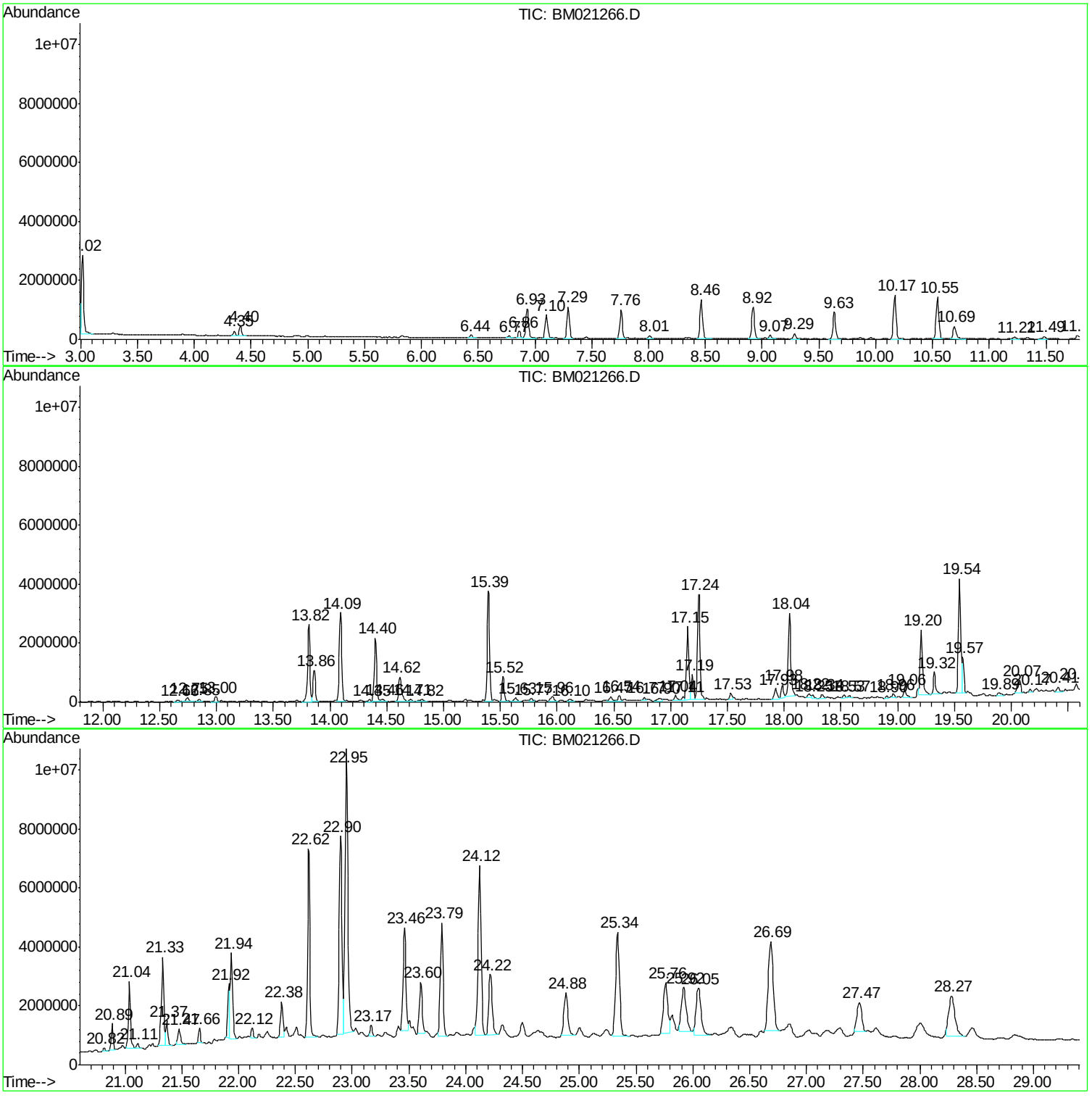
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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\BM062919\
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Acq On : 29 Jun 2019 17:39
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Instrument : BNA_M
ClientSampleId : C5BD7

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

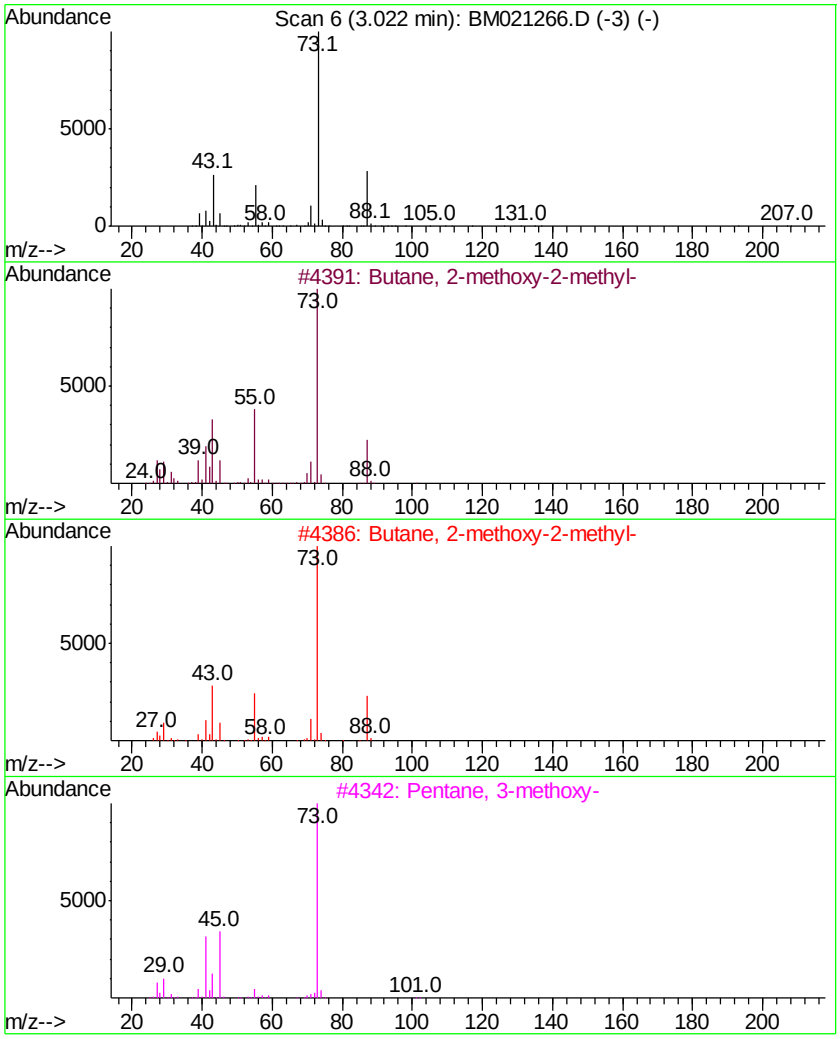
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

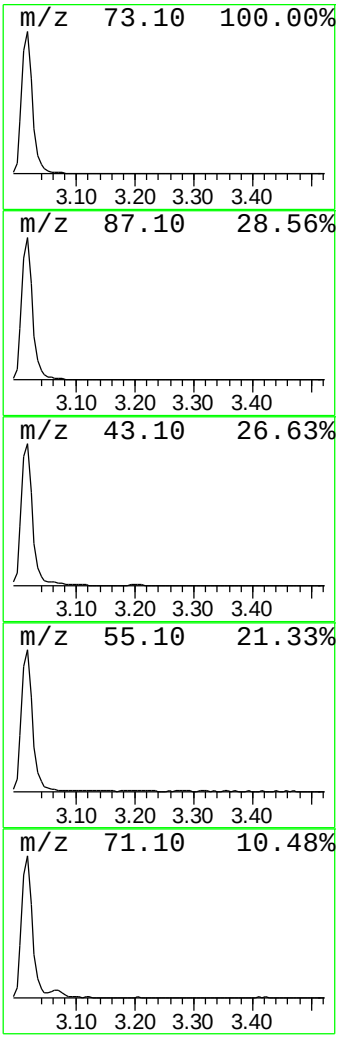
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	38.56 ng/ul	2991620	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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

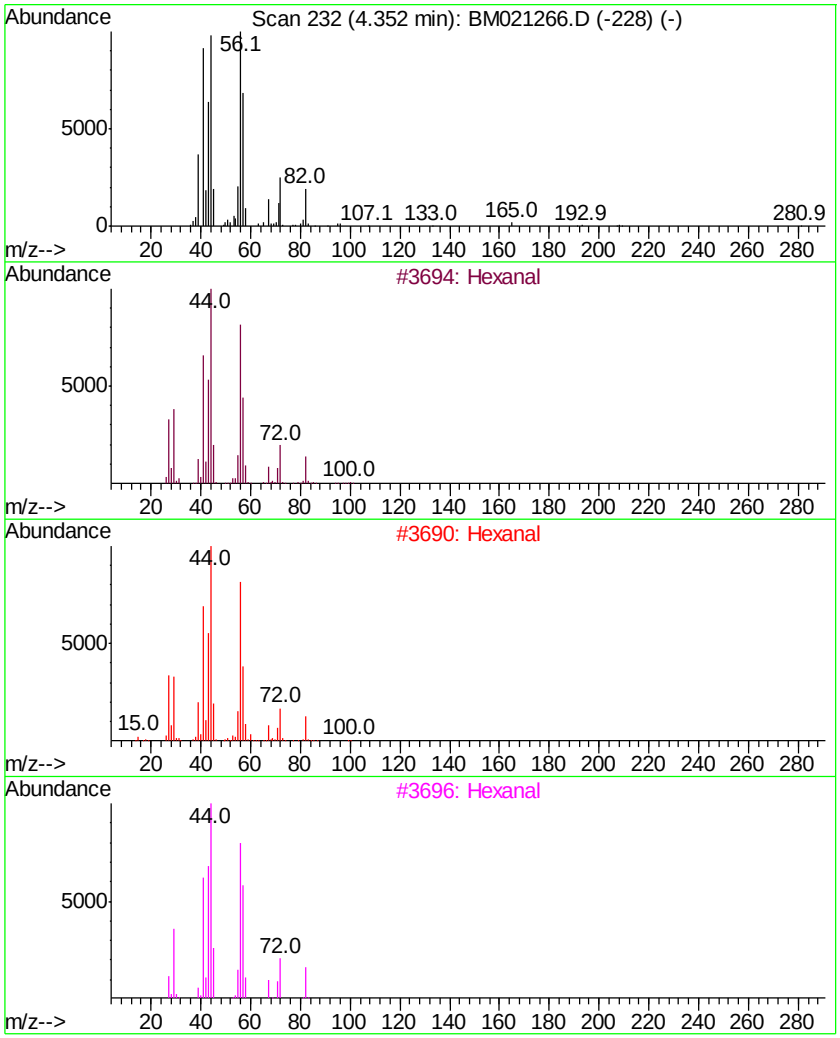
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

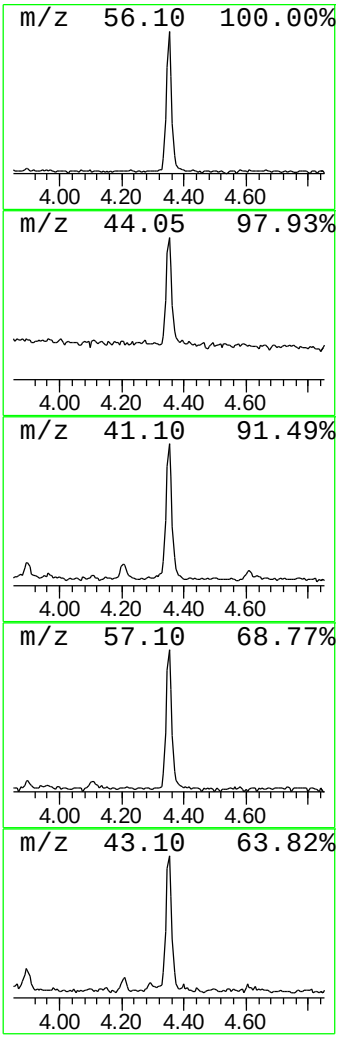
****

Peak Number 2 Hexanal Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.66 ng/ul	206434	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	83
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	64
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-10
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Instrument : BNA_M
ClientSampleId : C5BD7

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

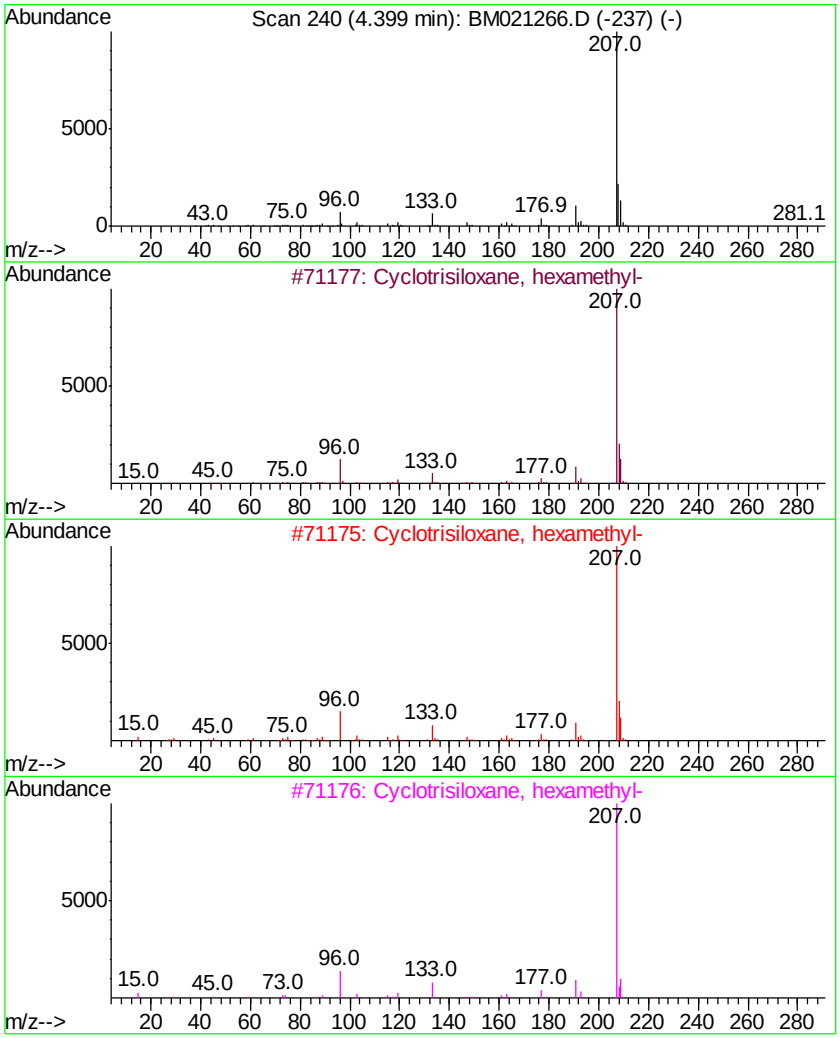
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

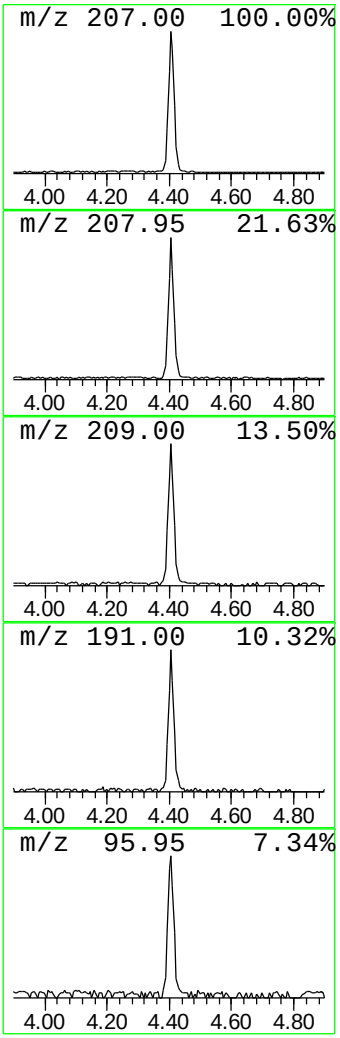
****

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.75 ng/ul	446441	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	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1,3,5-Triazine, 2-chloro-4,6-bis...	207	C5H6ClN3S2	004407-40-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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

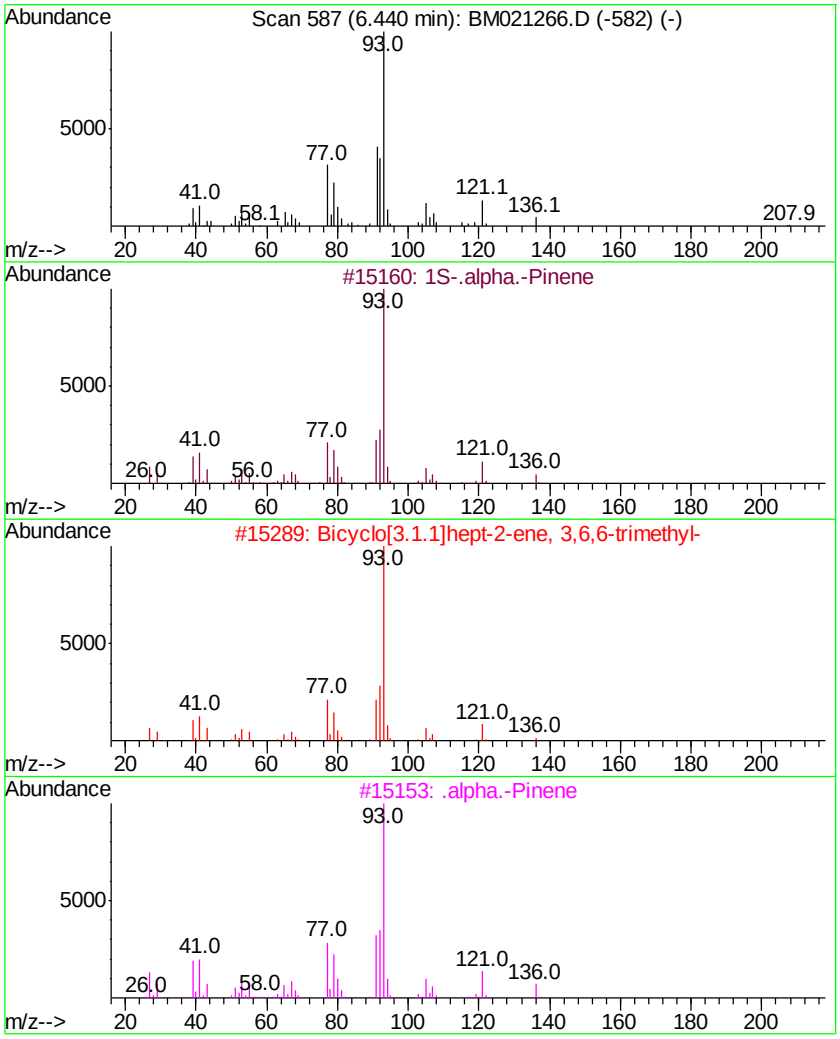
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

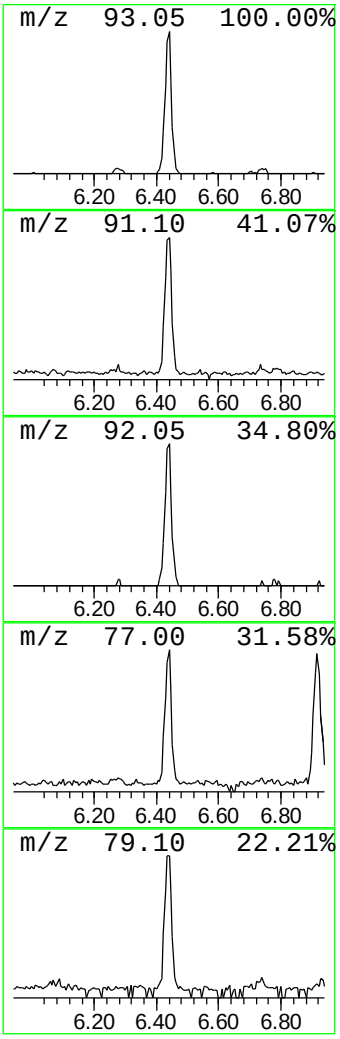
****

Peak Number 4 1S-.alpha.-Pinene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	2.13 ng/ul	165608	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1S-.alpha.-Pinene	136	C10H16	007785-26-4	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91
5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	91





Library Search Compound Report

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Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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

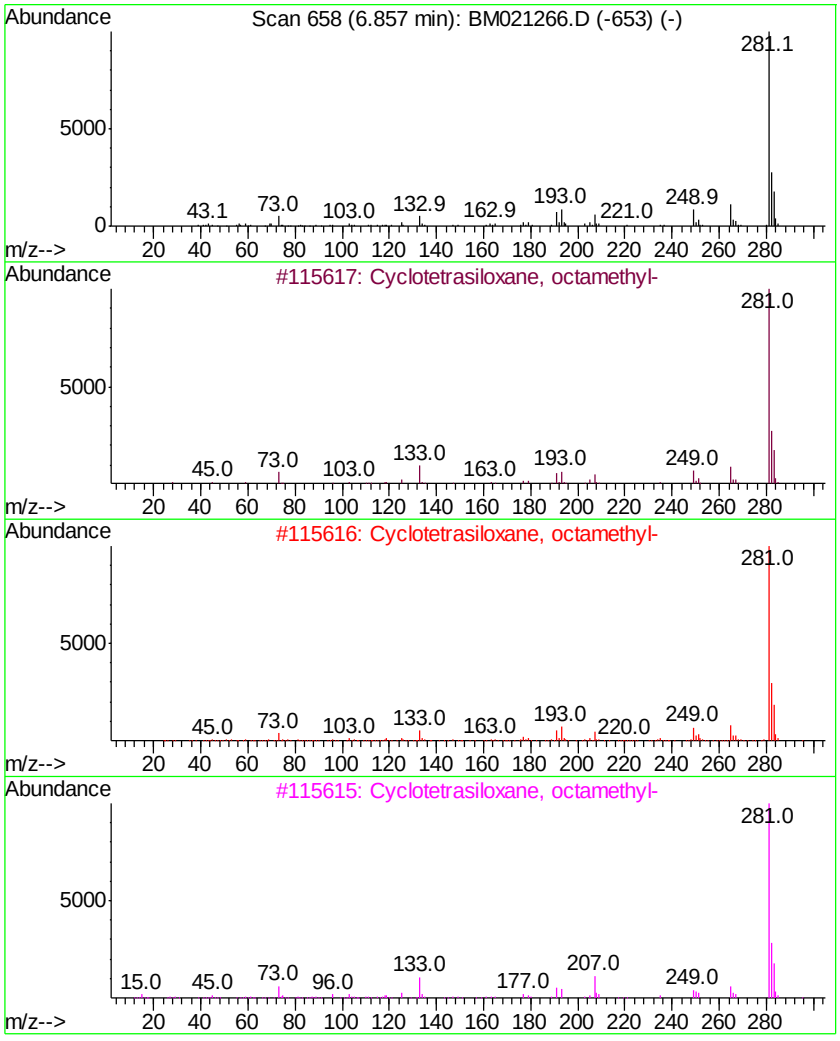
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

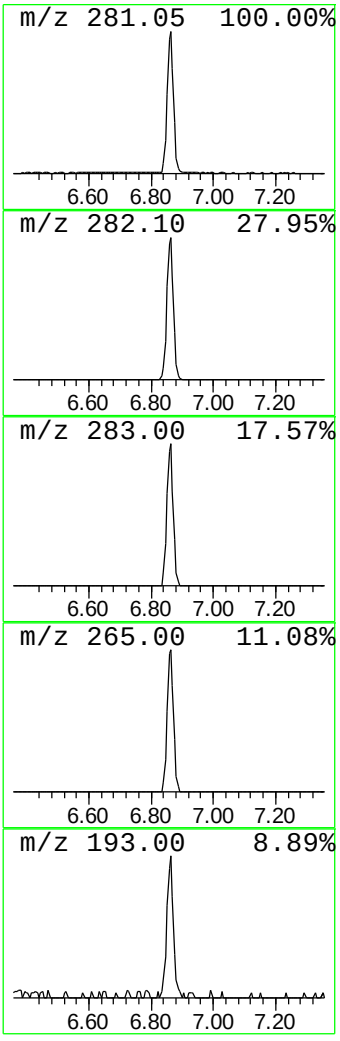
****

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.31 ng/ul	334764	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	83
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50
5	Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	40





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Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
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Instrument : BNA_M
ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

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

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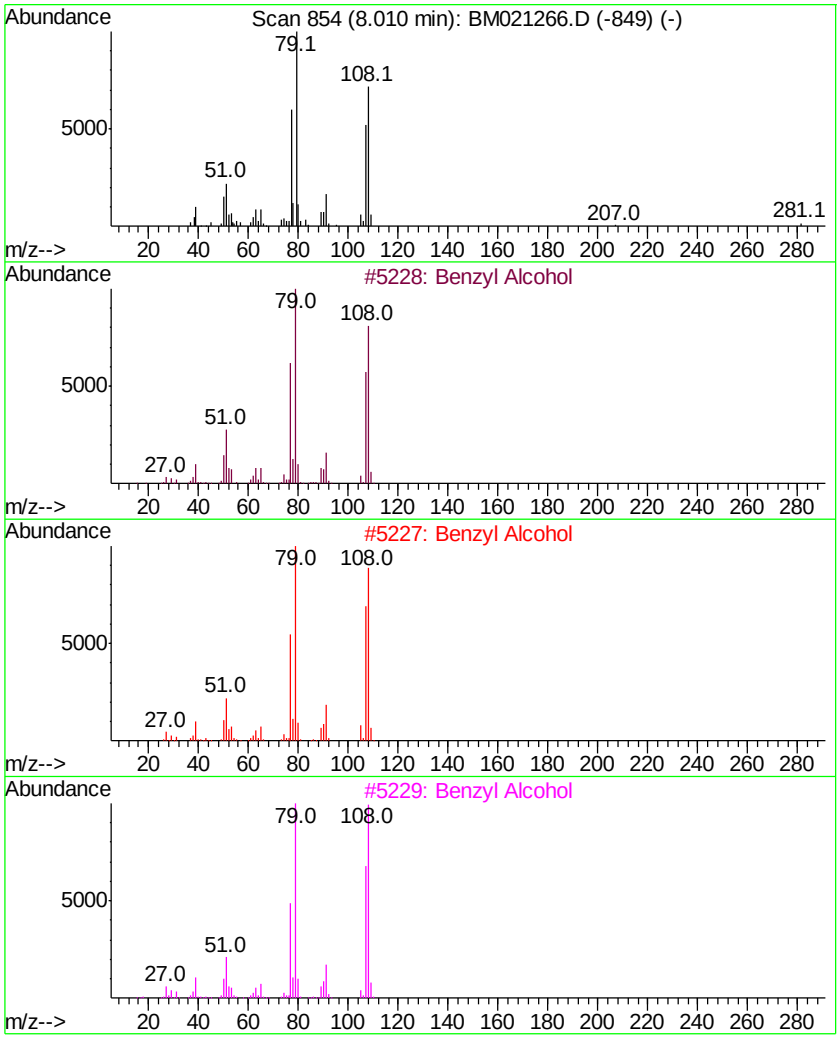
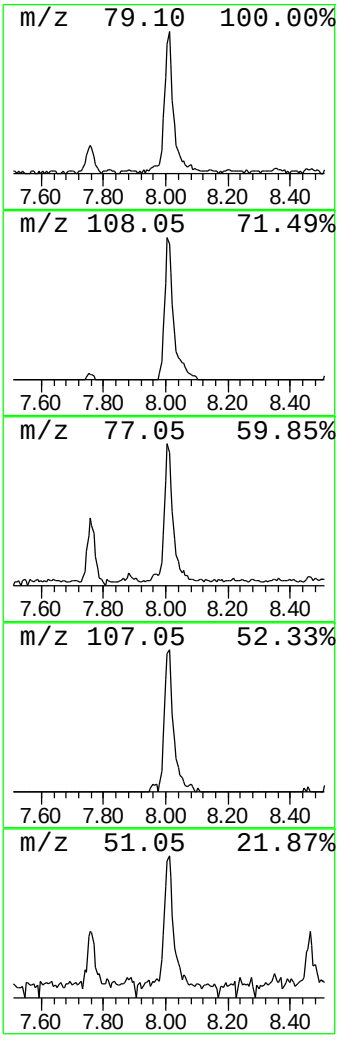
Peak Number 6 Benzyl Alcohol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	2.07 ng/ul	160376	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	98
2	Benzyl Alcohol	108	C7H8O	000100-51-6	97
3	Benzyl Alcohol	108	C7H8O	000100-51-6	95
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	N-Benzyloxycarbonyl-L-tyrosine	315	C17H17NO5	001164-16-5	91





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ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

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

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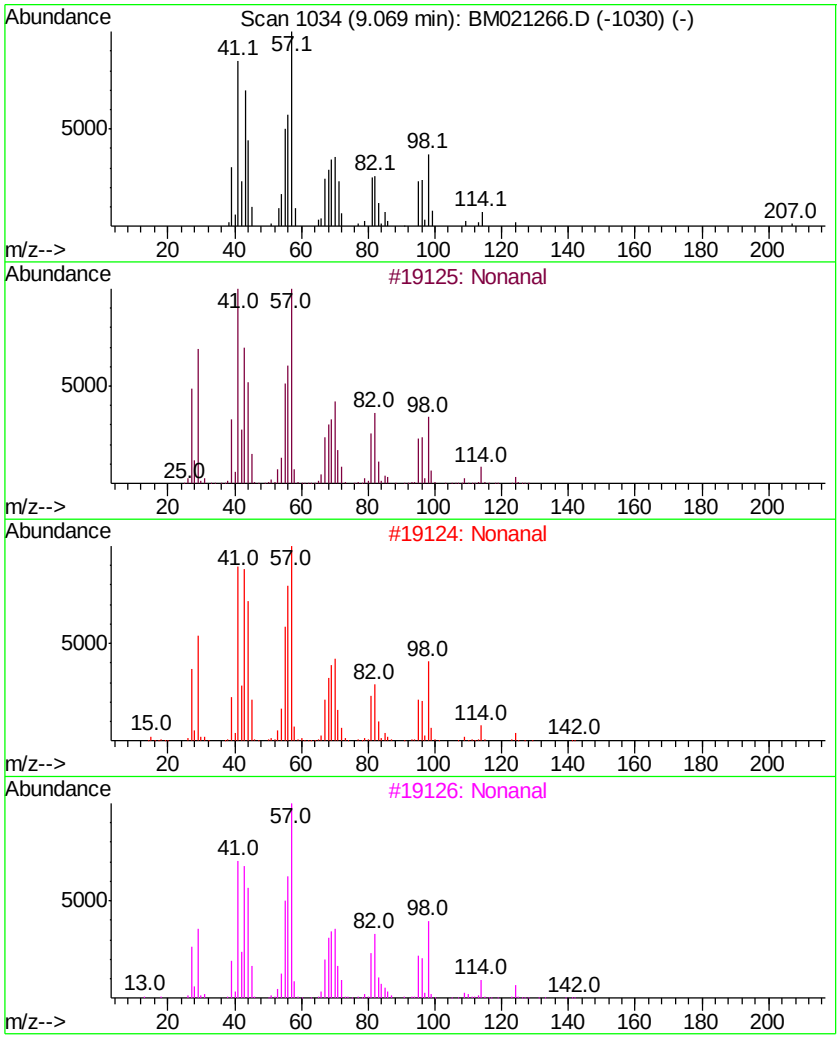
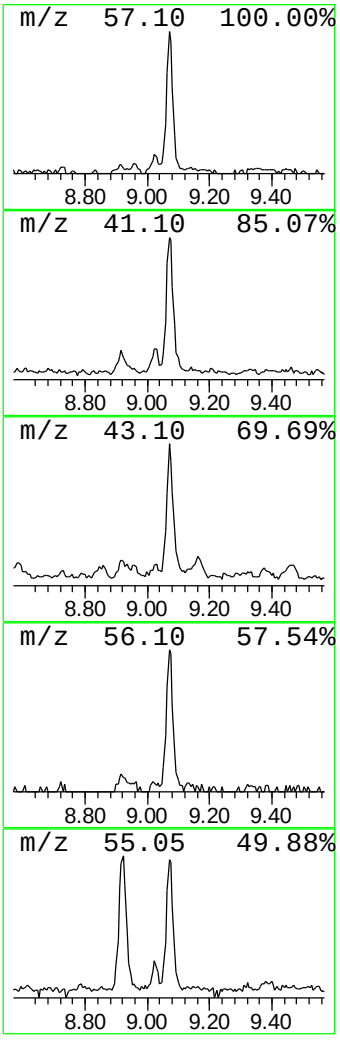
Peak Number 7 Nonanal Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.55 ng/ul	198045	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	87
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	80
4	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	35
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30





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Instrument : BNA_M
ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

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

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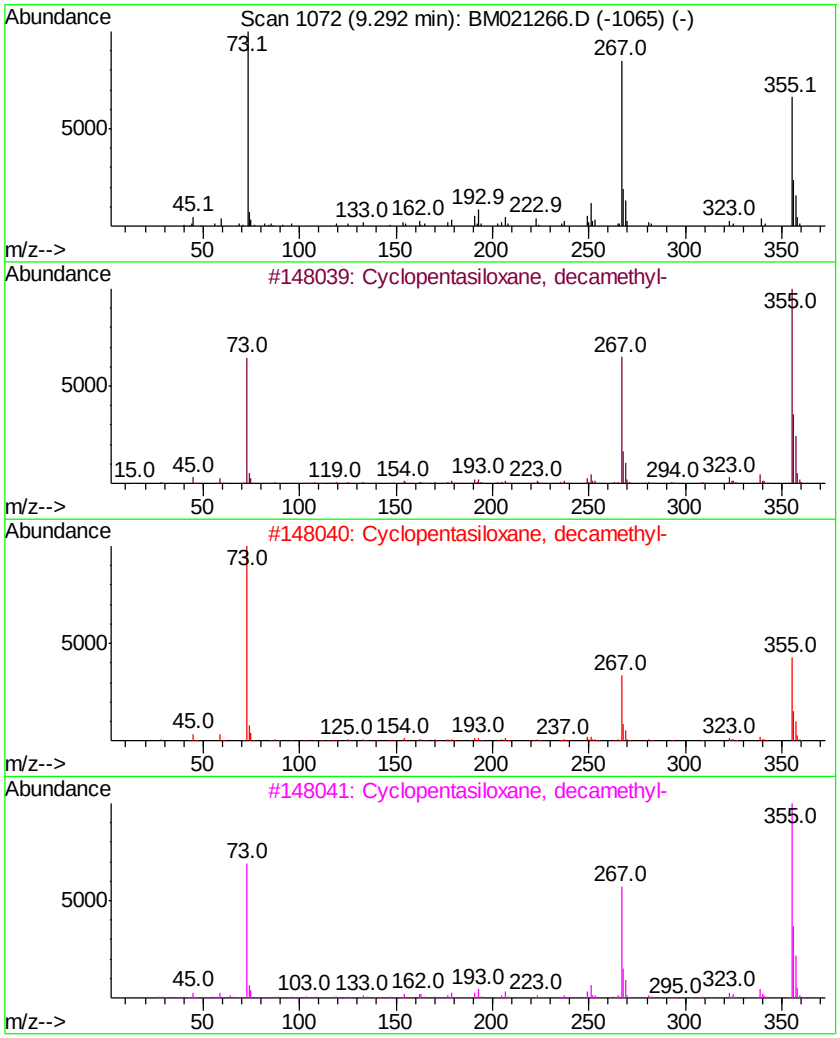
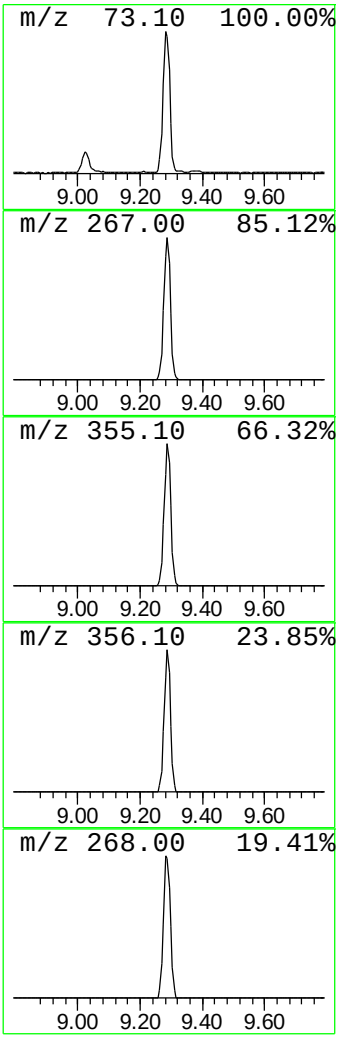
Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.25 ng/ul	262477	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
4	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
5	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	43





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ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

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

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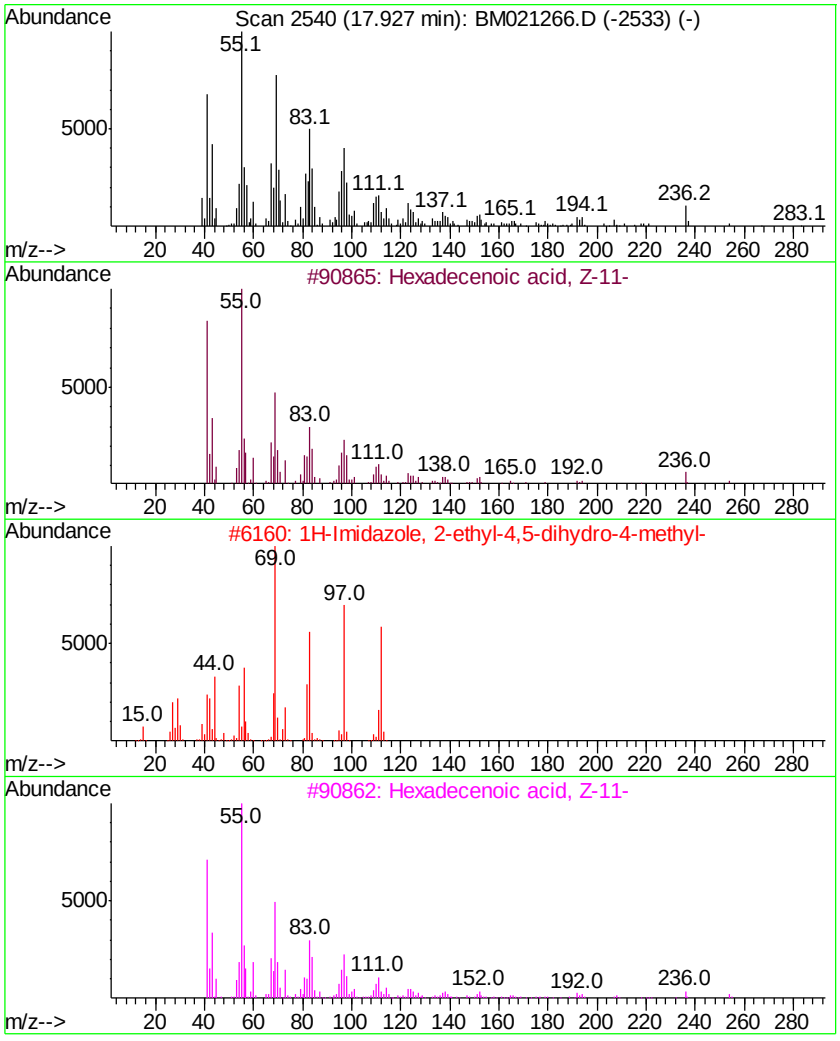
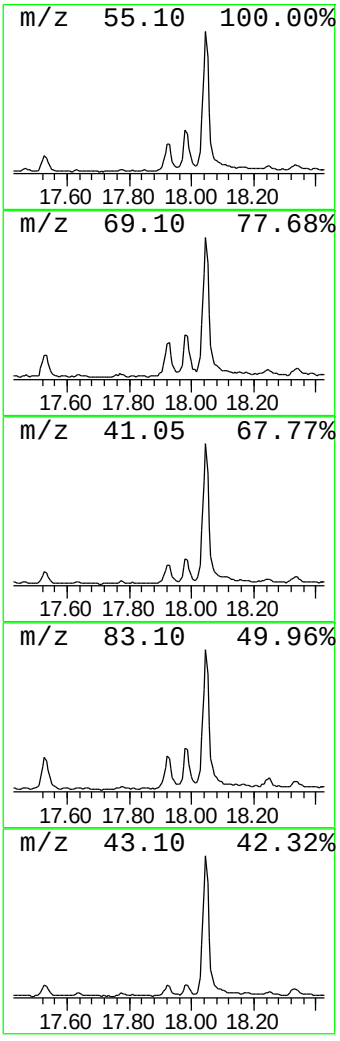
Peak Number 9 Hexadecenoic acid, Z-11- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.62 ng/ul	648560	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64
2	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	60
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	58
4	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	55
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	50





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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 11 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	23.10 ng/ul	4133710	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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
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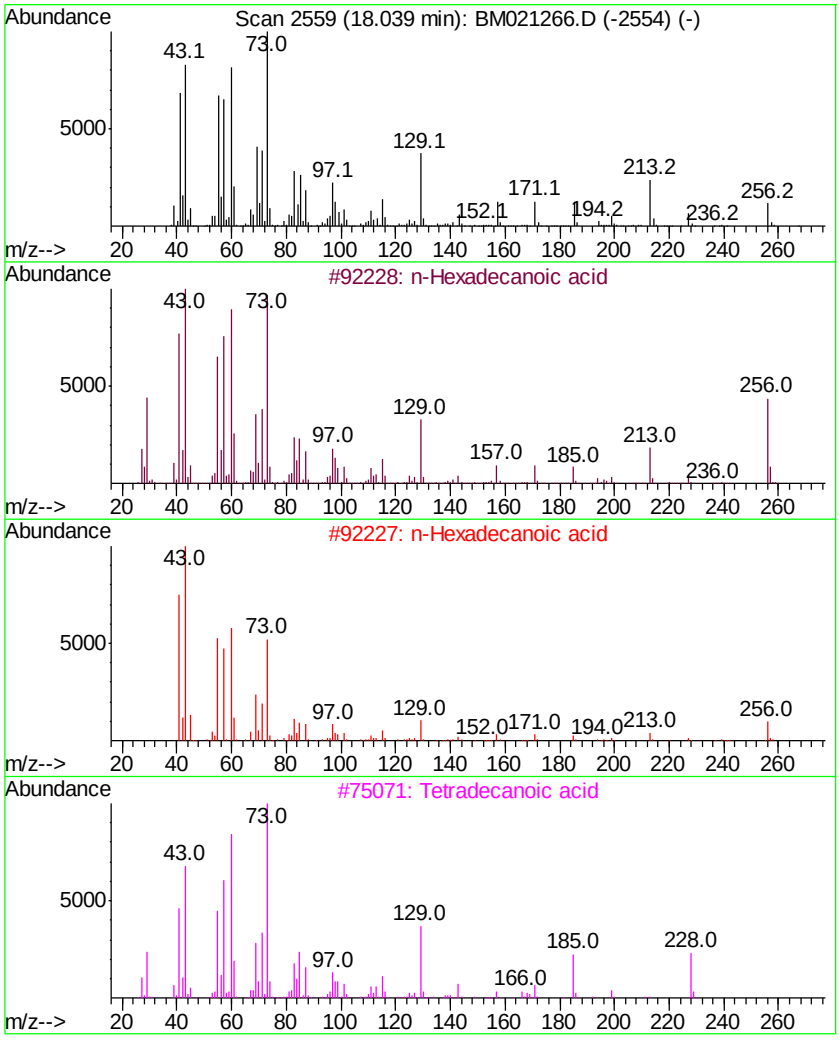

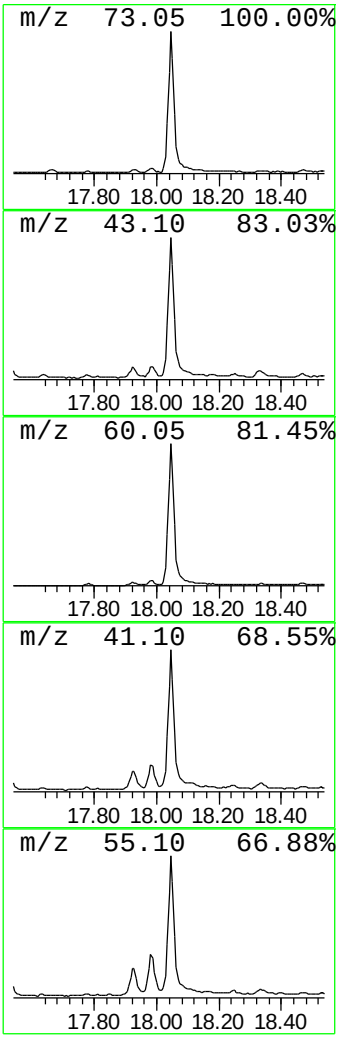

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Instrument : BNA_M
ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

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

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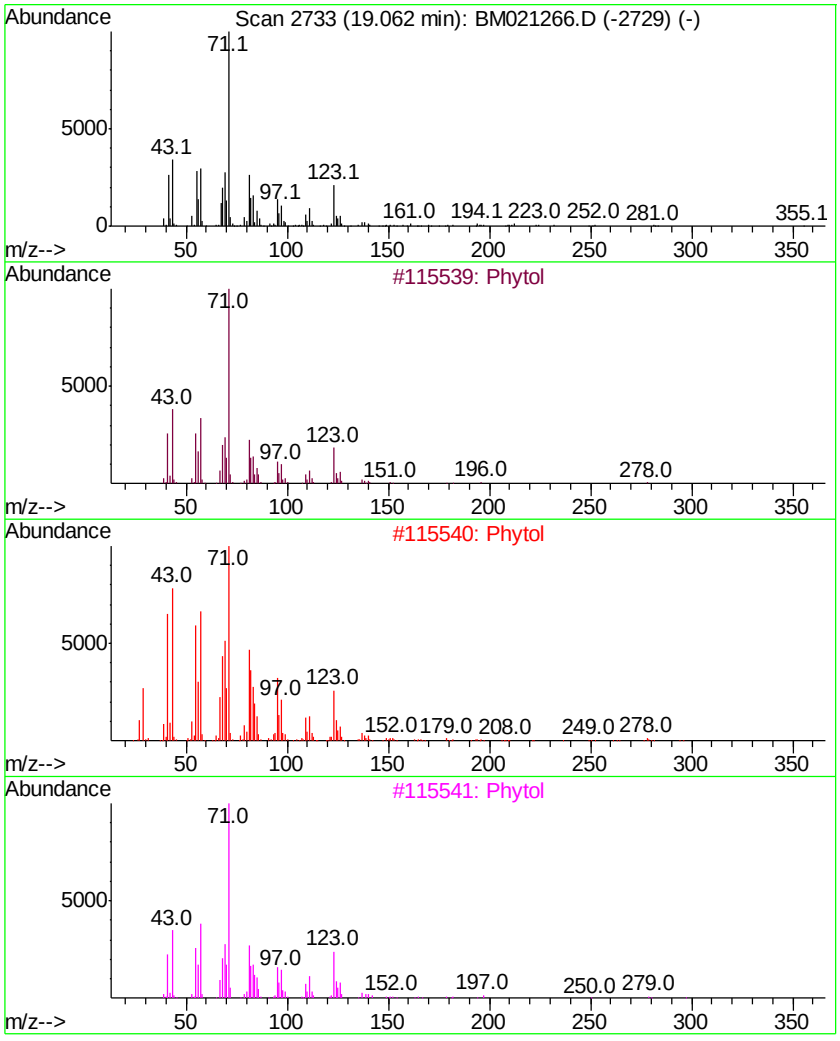
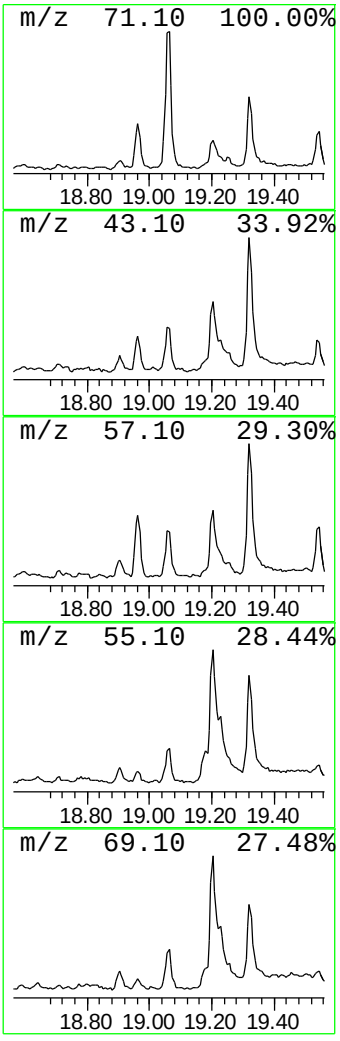
Peak Number 12 Phytol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.94 ng/ul	526481	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	58
3	Phytol	296	C20H40O	000150-86-7	52
4	3-Methyl-1-(phenylthio)butan-2-one	194	C11H14OS	071221-49-3	47
5	Isophytol	296	C20H40O	000505-32-8	47





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Sample : K3593-10
Misc :
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Instrument : BNA_M
ClientSampleId : C5BD7

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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 13 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	4.58 ng/ul	1075480	Chrysene-d12	21.33

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
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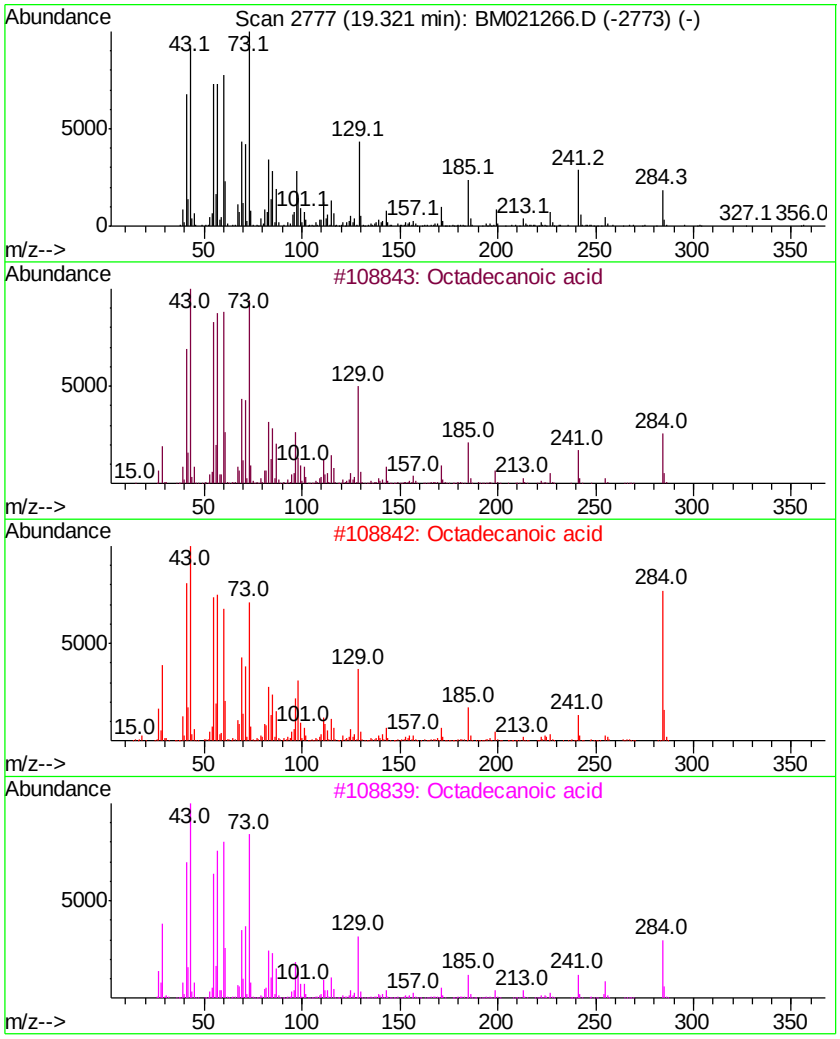

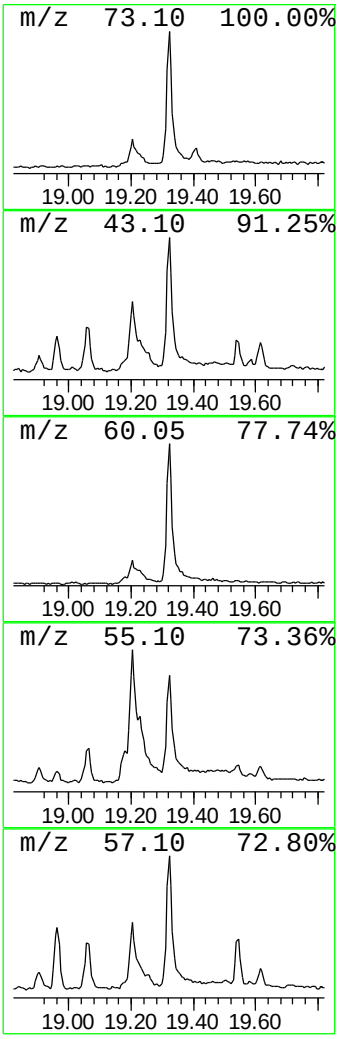

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Quant Title : SVOA CALIBRATION

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

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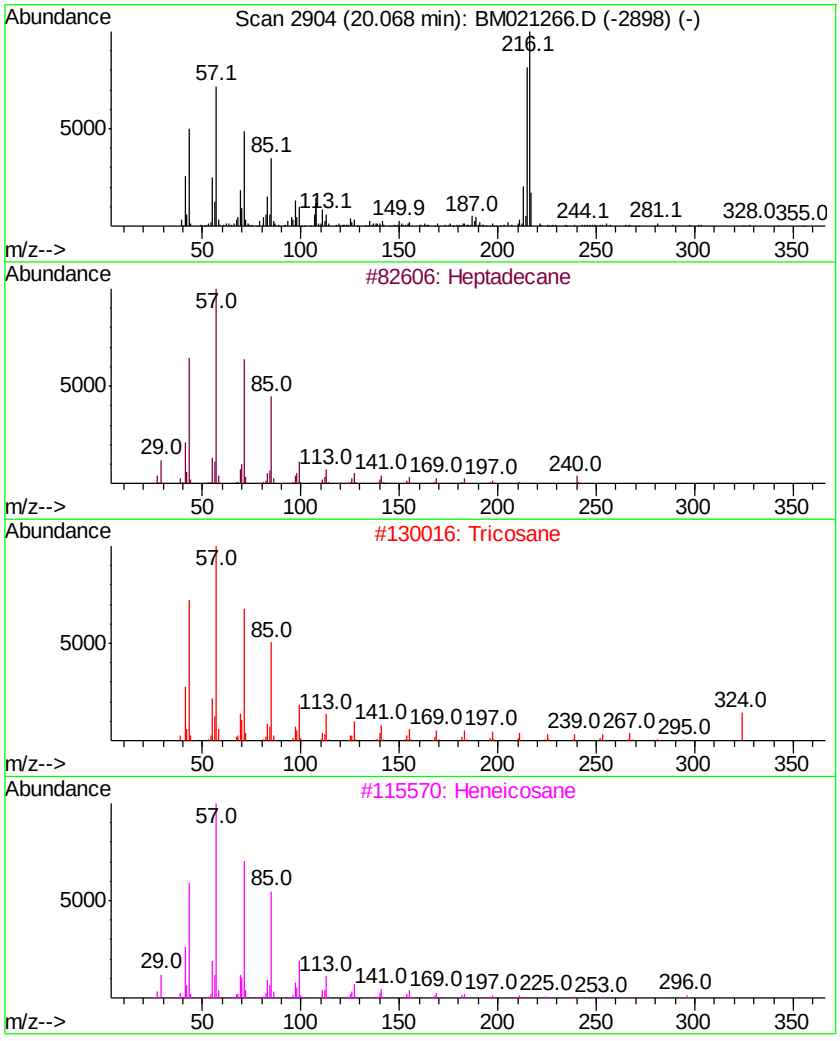
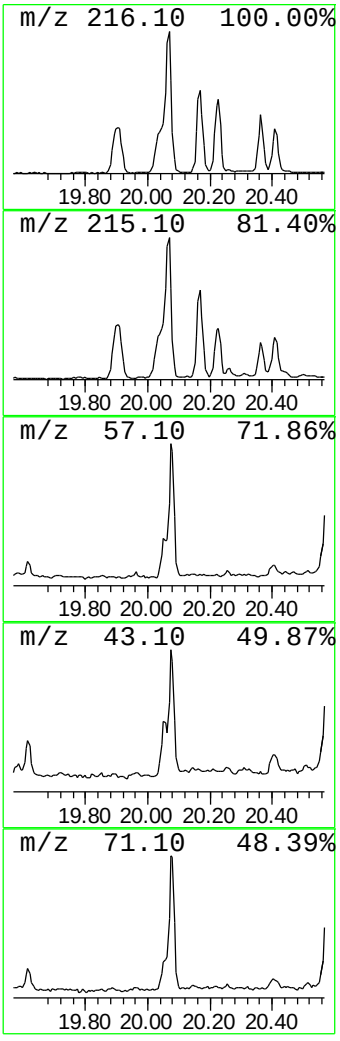
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.48 ng/ul	817674	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Tricosane	324	C23H48	000638-67-5	78
3	Heneicosane	296	C21H44	000629-94-7	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
5	Hexadecane	226	C16H34	000544-76-3	60





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Quant Title : SVOA CALIBRATION

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

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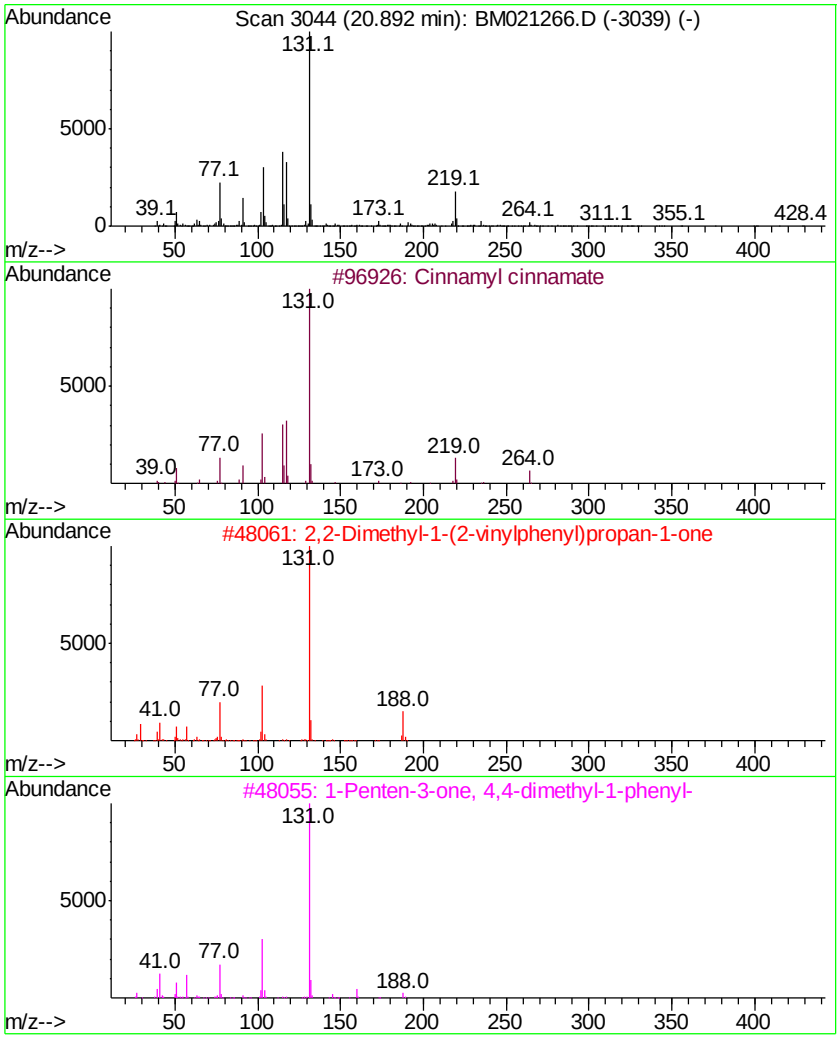
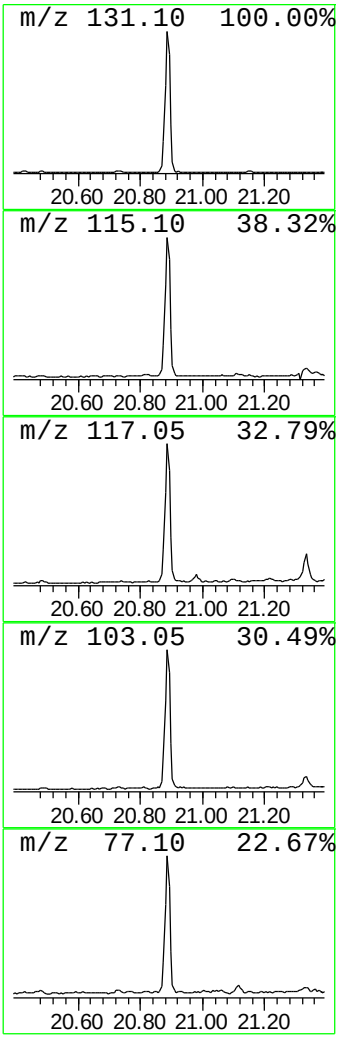
Peak Number 15 Cinnamyl cinnamate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.55 ng/ul	1070180	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	50
4	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	50
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	50





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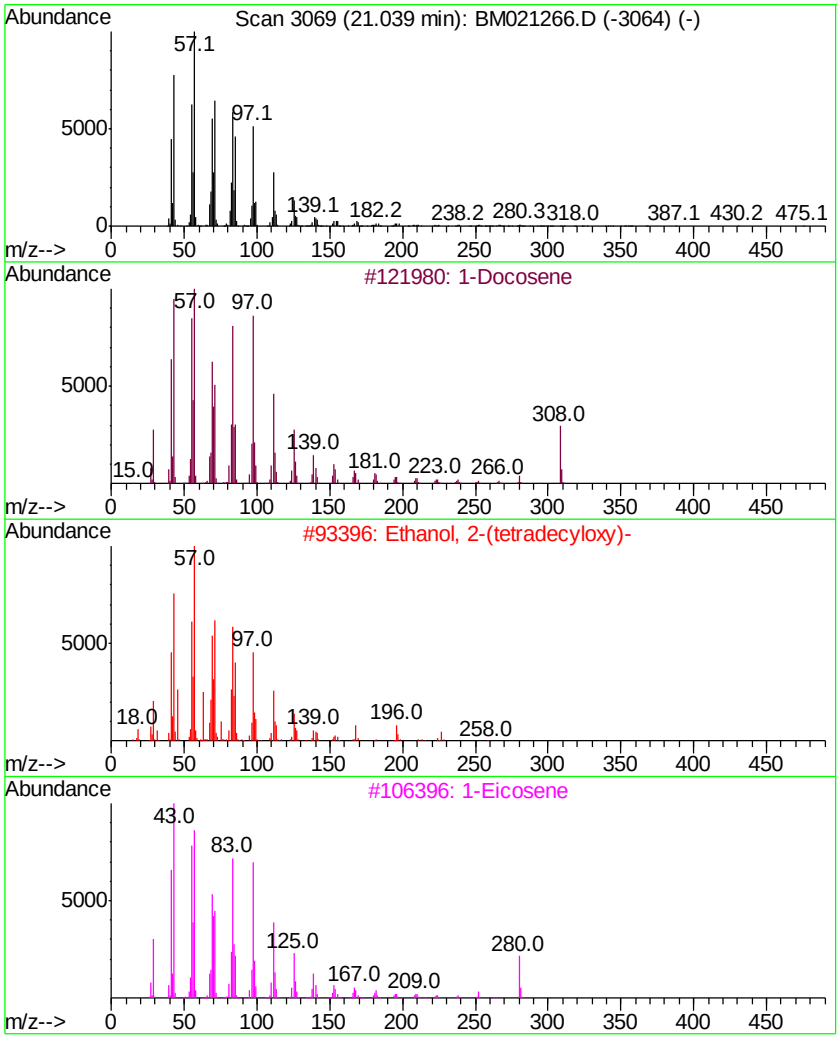
Quant Title : SVOA CALIBRATION

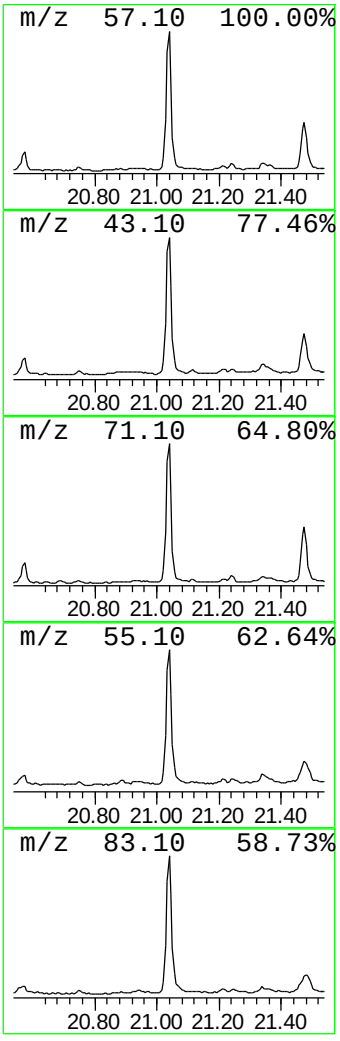
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic21.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	12.42 ng/ul	2917710	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
3	1-Eicosene	280	C20H40	003452-07-1	92
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87





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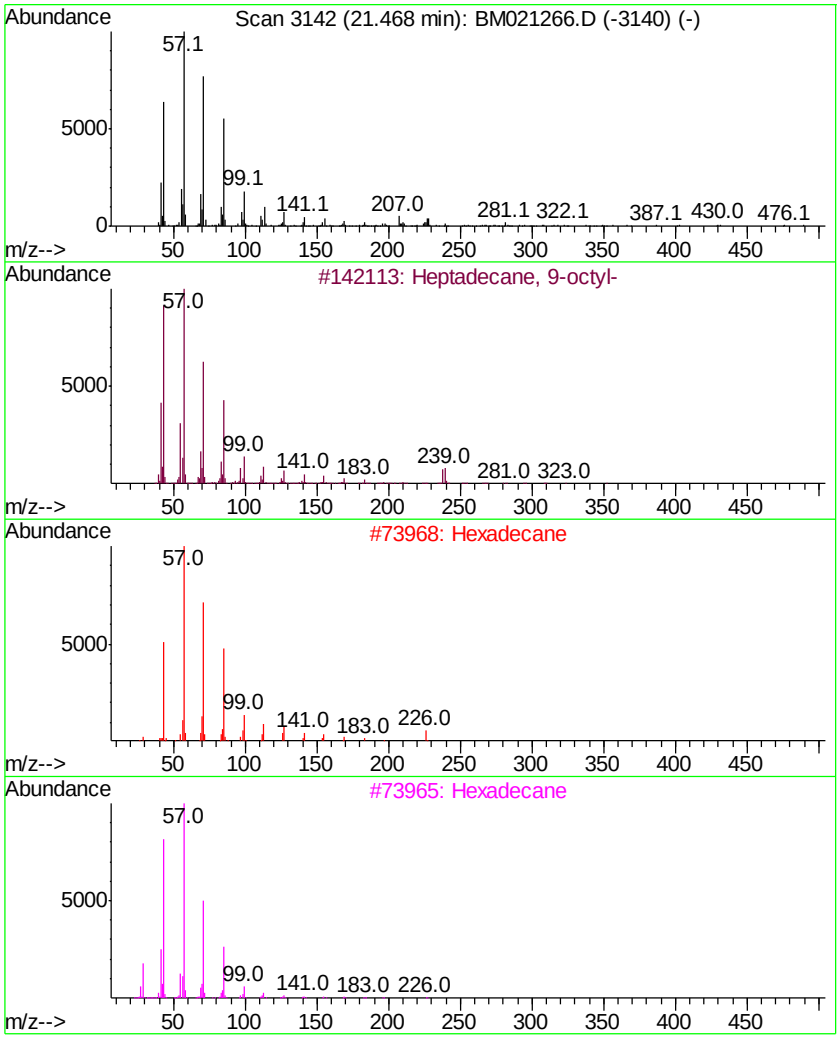
Quant Title : SVOA CALIBRATION

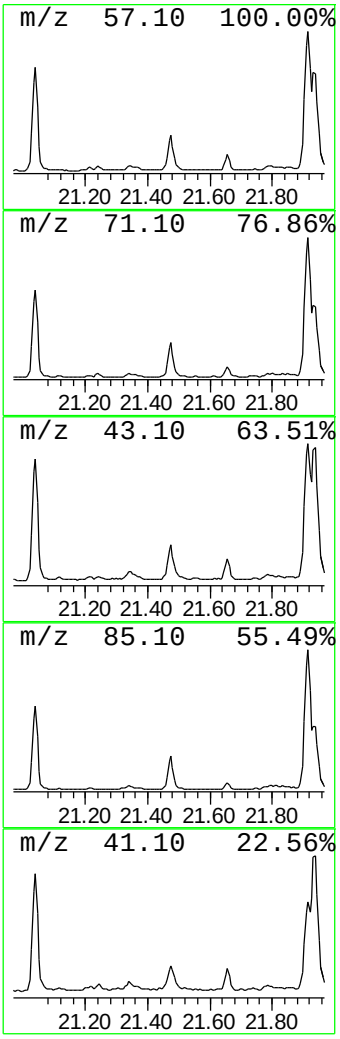
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.42 ng/ul	804274	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





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Quant Title : SVOA CALIBRATION

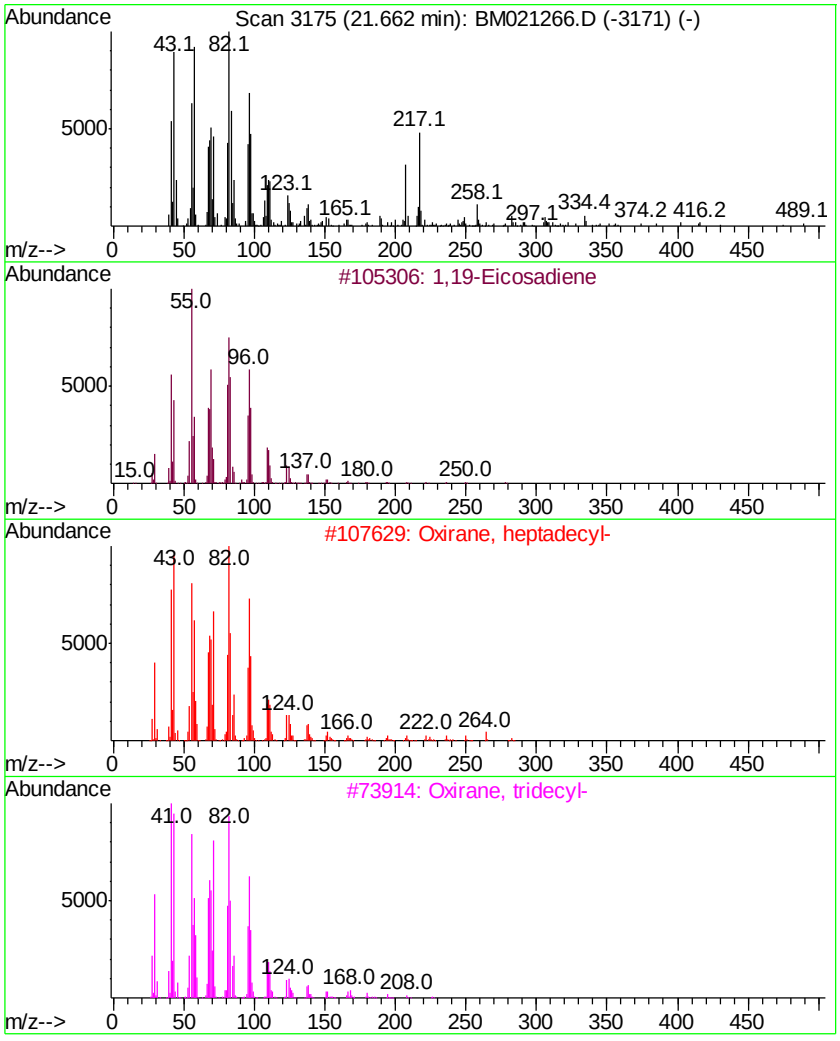
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

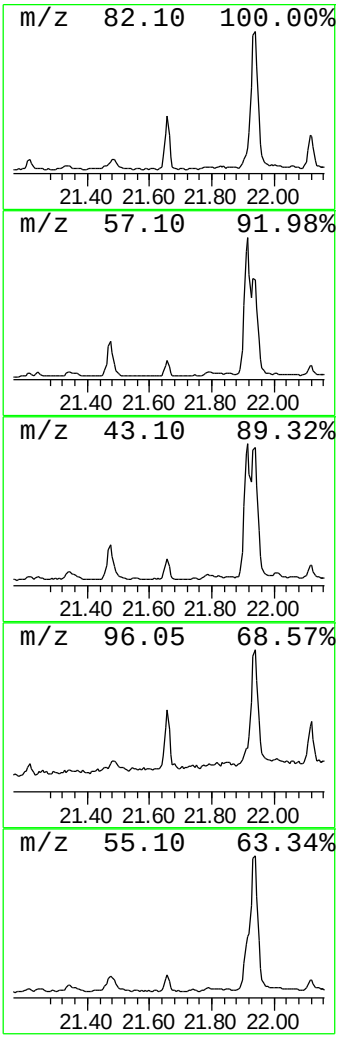
****

Peak Number 18 1,19-Eicosadiene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.20 ng/ul	517414	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Oxirane, tridecyl-	226	C15H30O	018633-25-5	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Octadecanal	268	C18H36O	000638-66-4	87





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Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

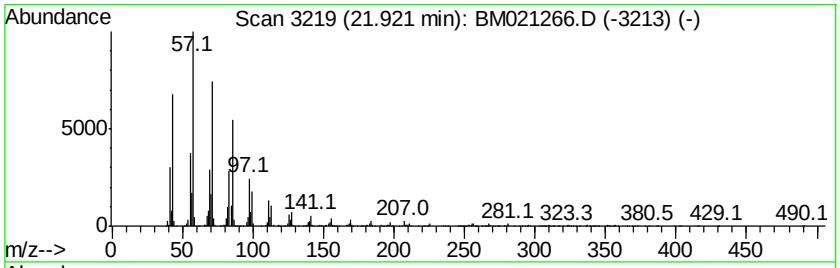
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

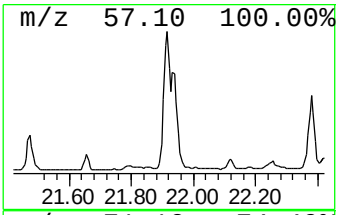
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

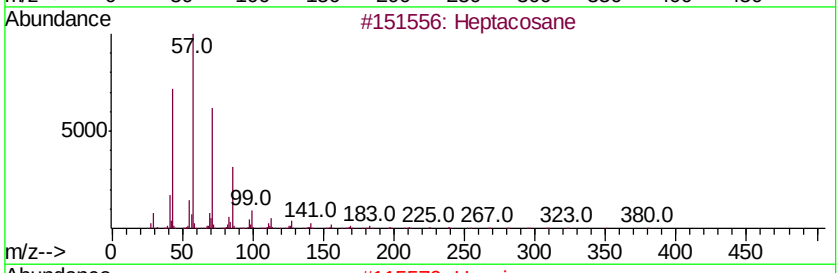
****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

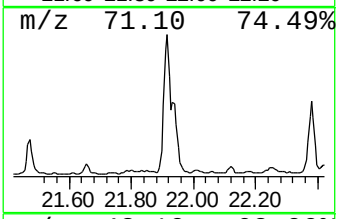
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	9.29 ng/ul	2182560	Chrysene-d12	21.33

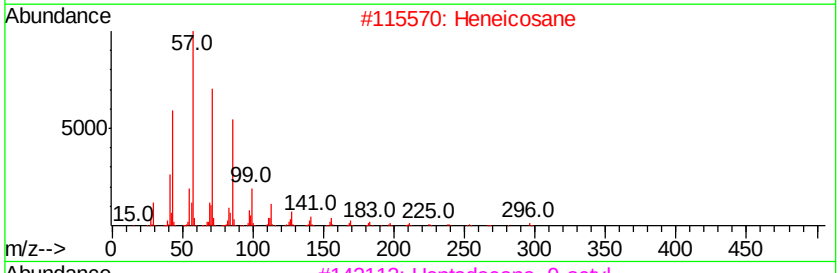
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane	240	C17H36	000629-78-7	91

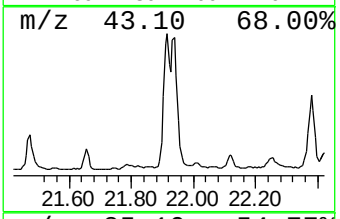


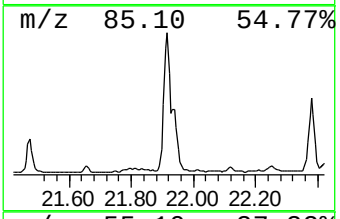


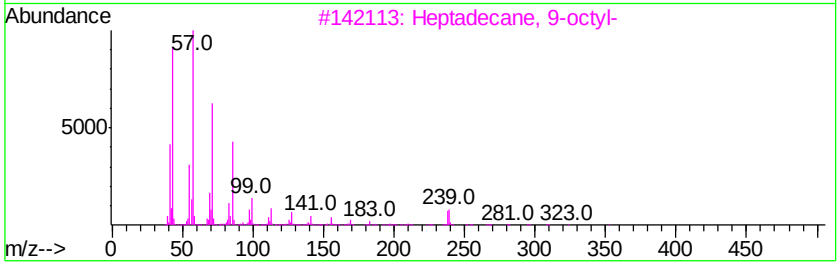


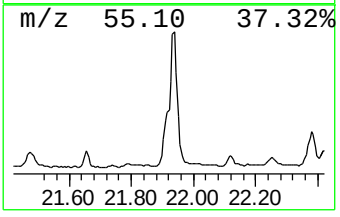












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Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

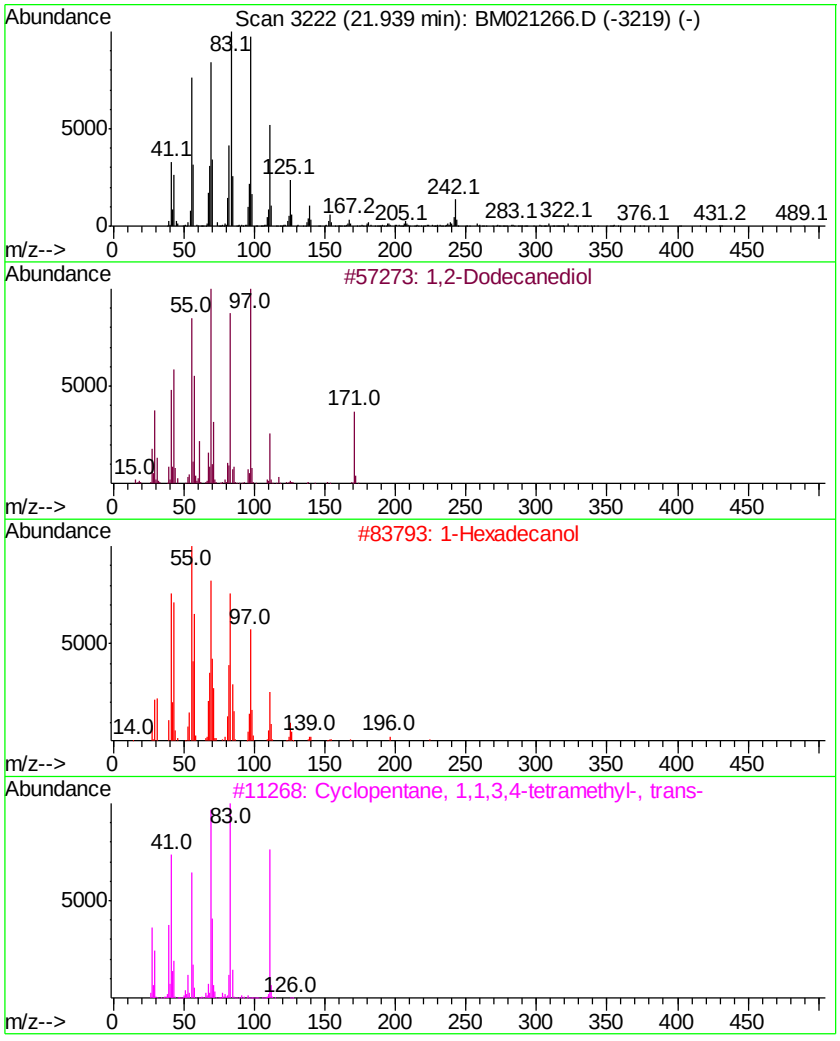
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

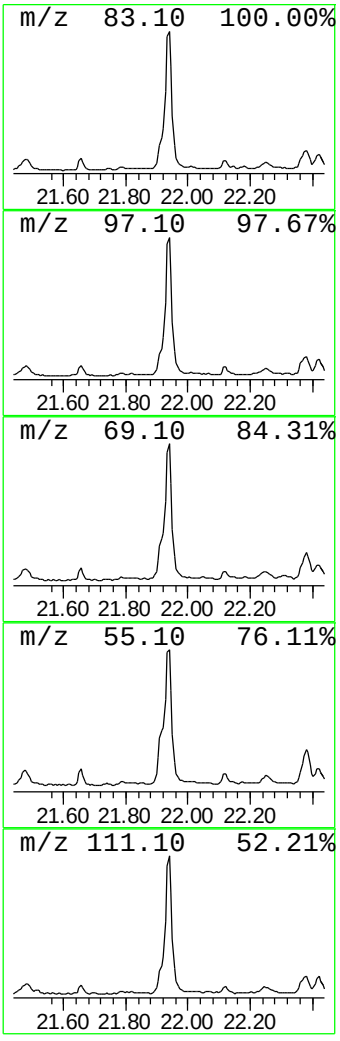
****

Peak Number 20 1,2-Dodecanediol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	17.49 ng/ul	4109590	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dodecanediol	202	C12H26O2	001119-87-5	50
2	1-Hexadecanol	242	C16H34O	036653-82-4	49
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43
4	1-Octadecanol	270	C18H38O	000112-92-5	43
5	Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	38





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Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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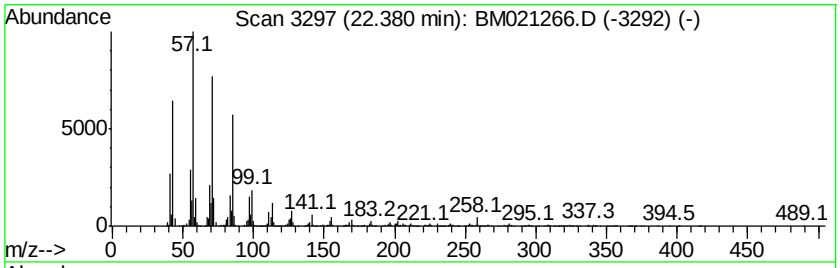
Quant Title : SVOA CALIBRATION

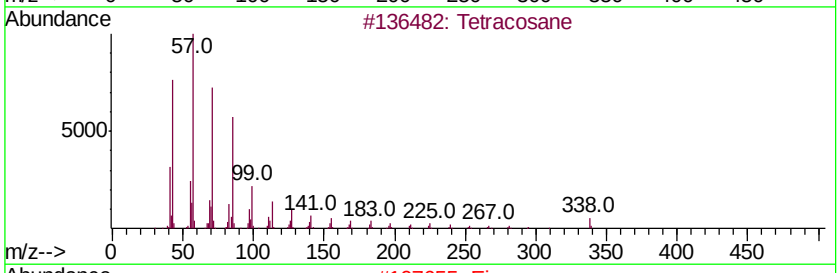
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

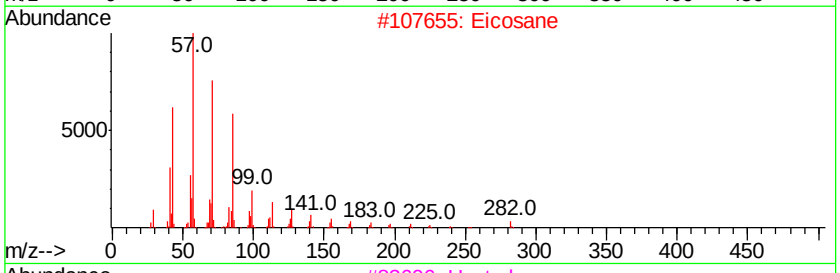
****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

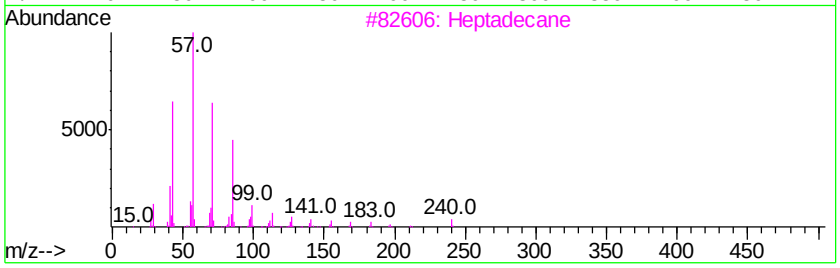
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	7.59 ng/ul	1783790	Chrysene-d12	21.33

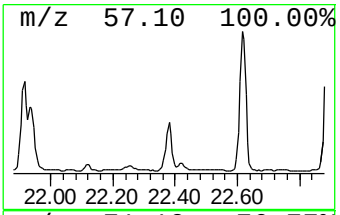
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Eicosane	282	C20H42	000112-95-8	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heptadecane	240	C17H36	000629-78-7	93
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91

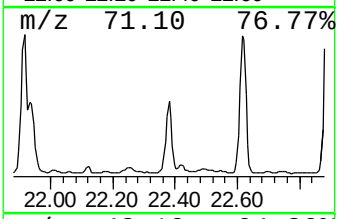


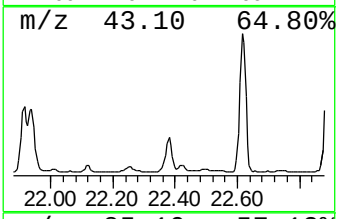


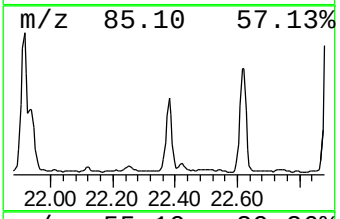


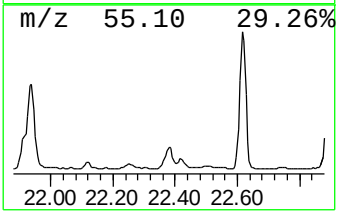












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Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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

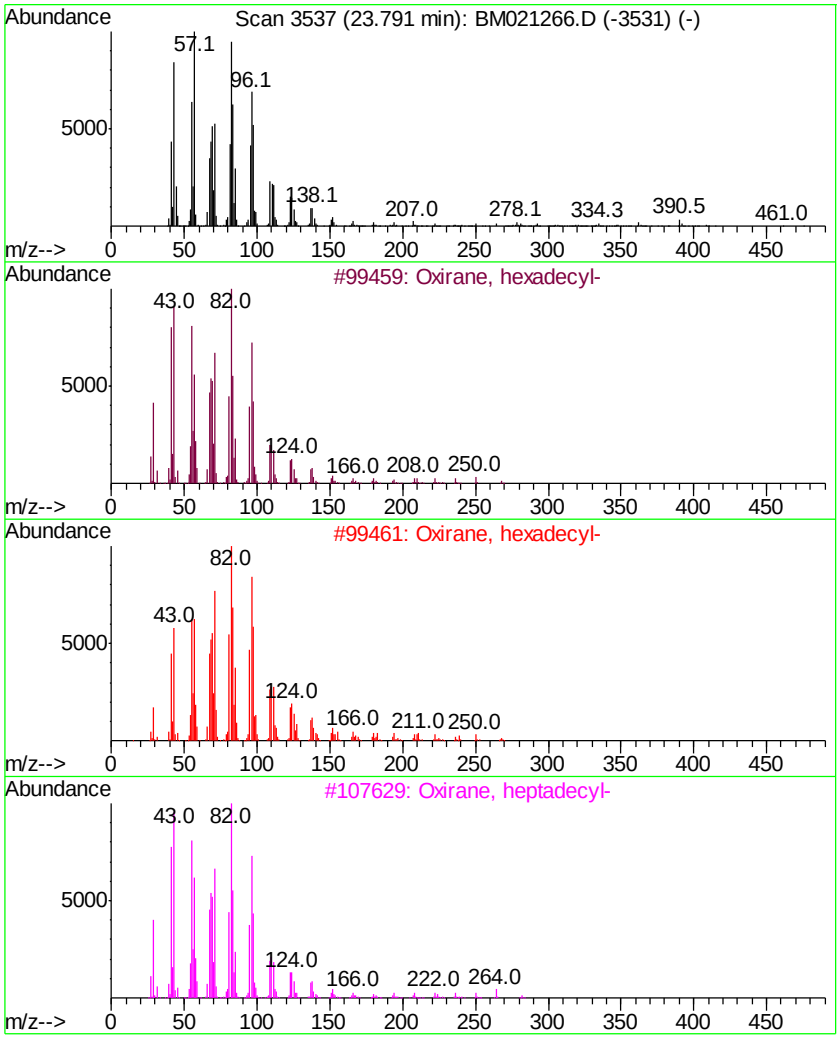
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

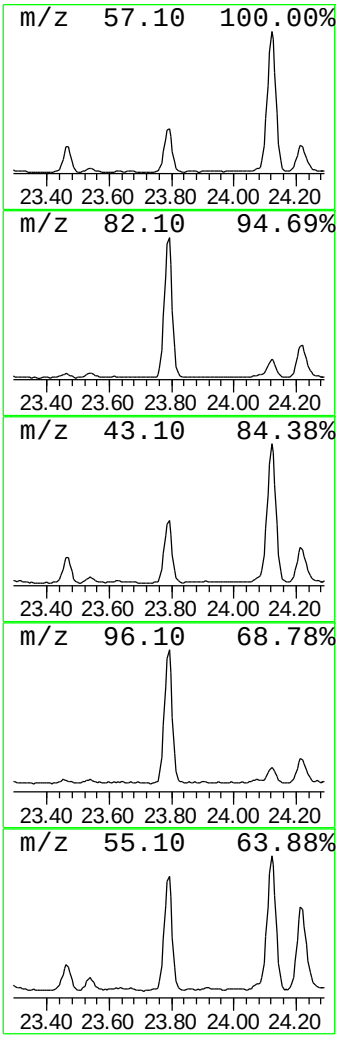
****

Peak Number 24 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	43.43 ng/ul	6730120	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4	Octadecanal	268	C18H36O	000638-66-4	83
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	83





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Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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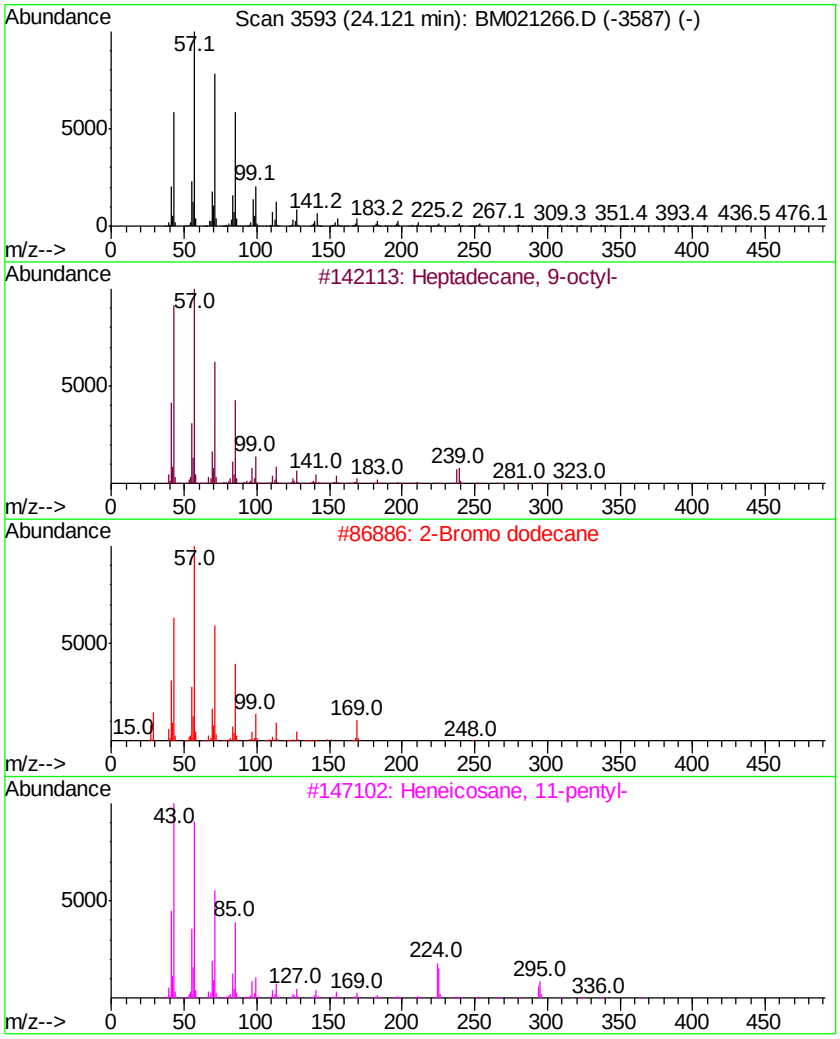
Quant Title : SVOA CALIBRATION

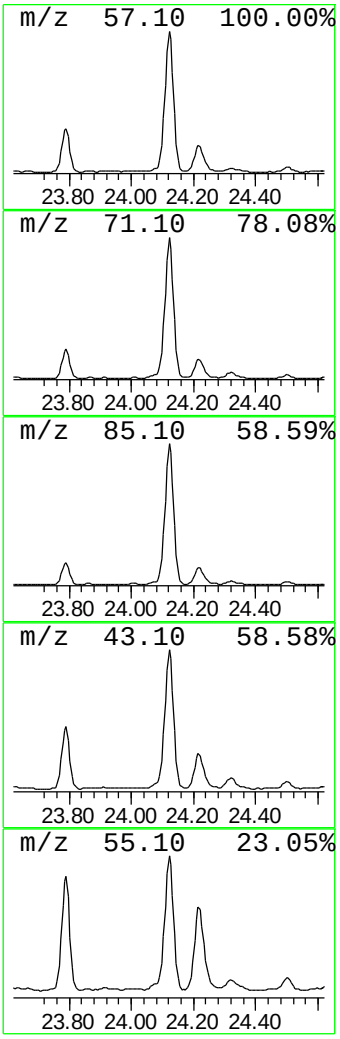
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	71.68 ng/ul	11108900	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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

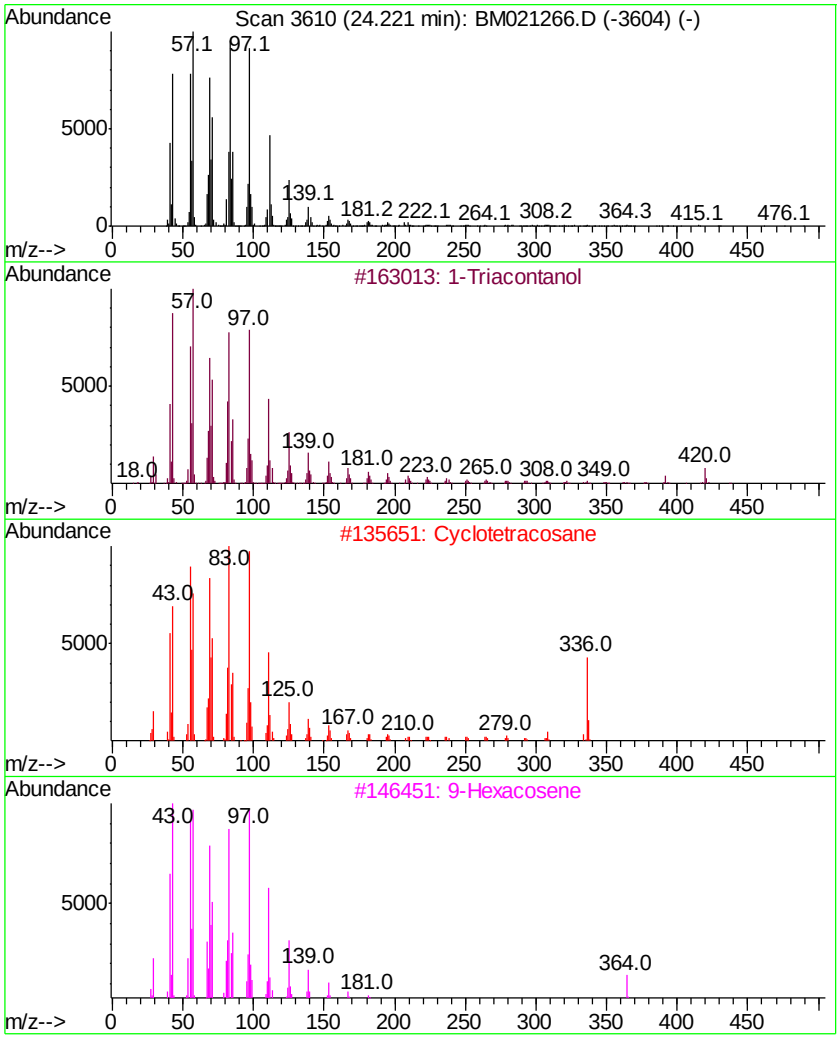
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

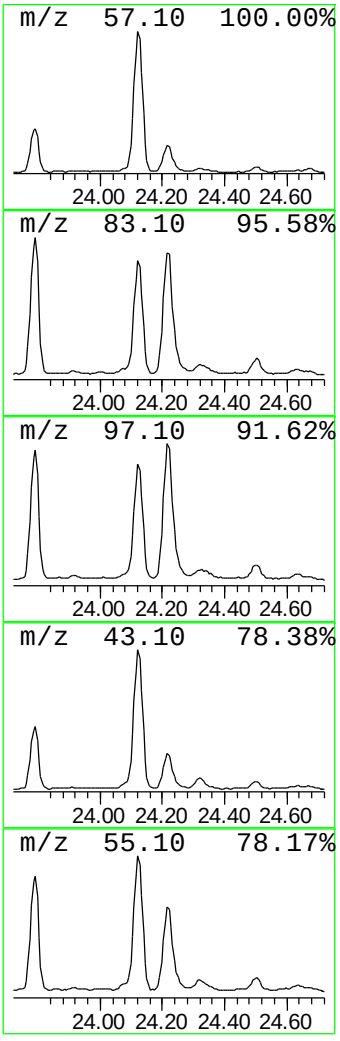
****

Peak Number 26 1-Triacontanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	27.83 ng/ul	4313510	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	89
2	Cyclotetracosane	336	C24H48	000297-03-0	87
3	9-Hexacosene	364	C26H52	071502-22-2	87
4	1-Docosene	308	C22H44	001599-67-3	76
5	Z-12-Pentacosene	350	C25H50	1000131-09-4	76





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Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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Quant Title : SVOA CALIBRATION

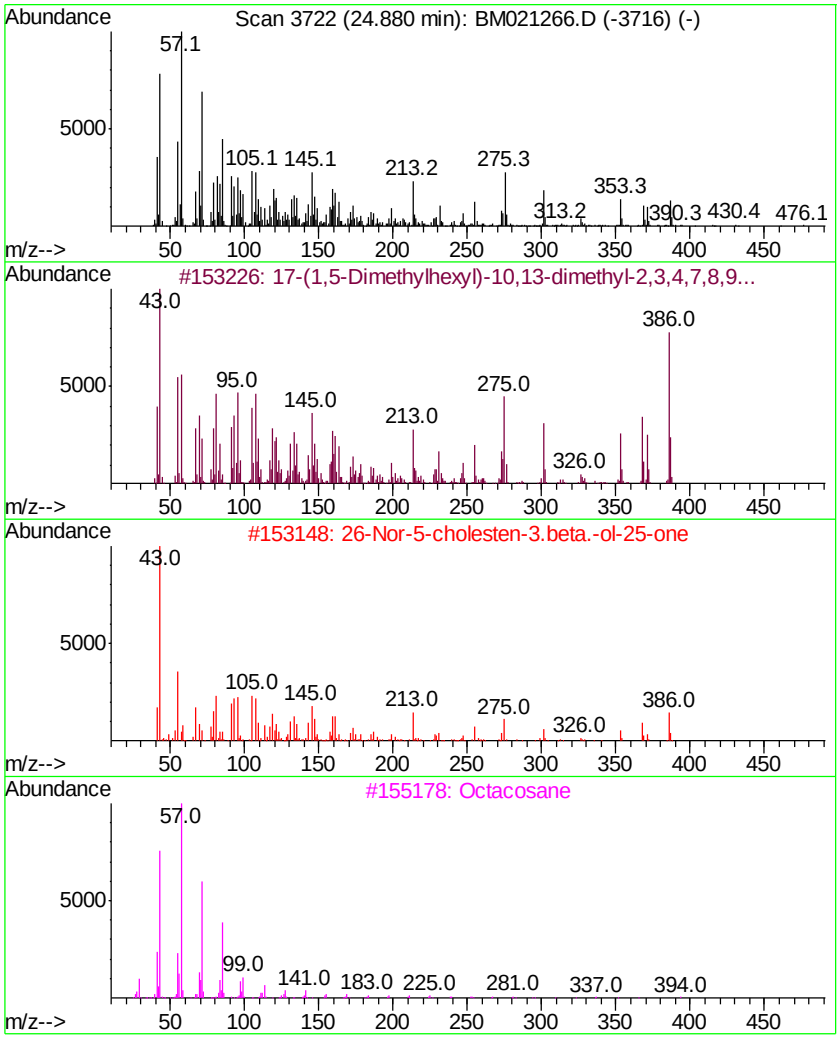
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

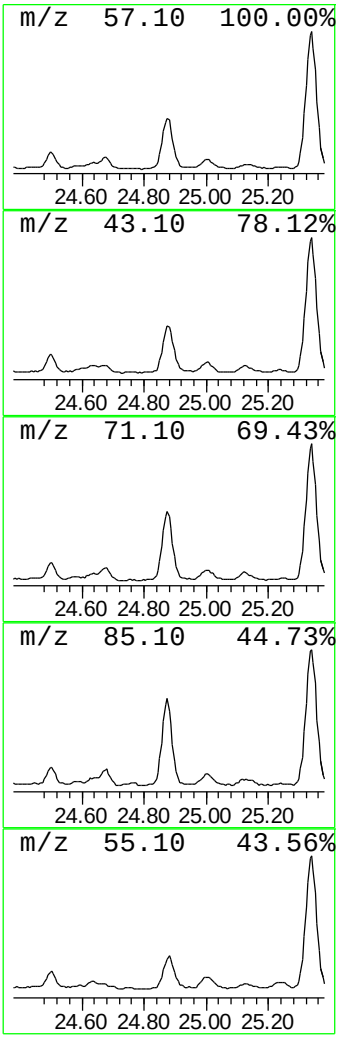
****

Peak Number 27 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	22.29 ng/ul	3454890	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	97
3	Octacosane	394	C28H58	000630-02-4	90
4	Cholesterol	386	C27H46O	000057-88-5	83
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	80





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

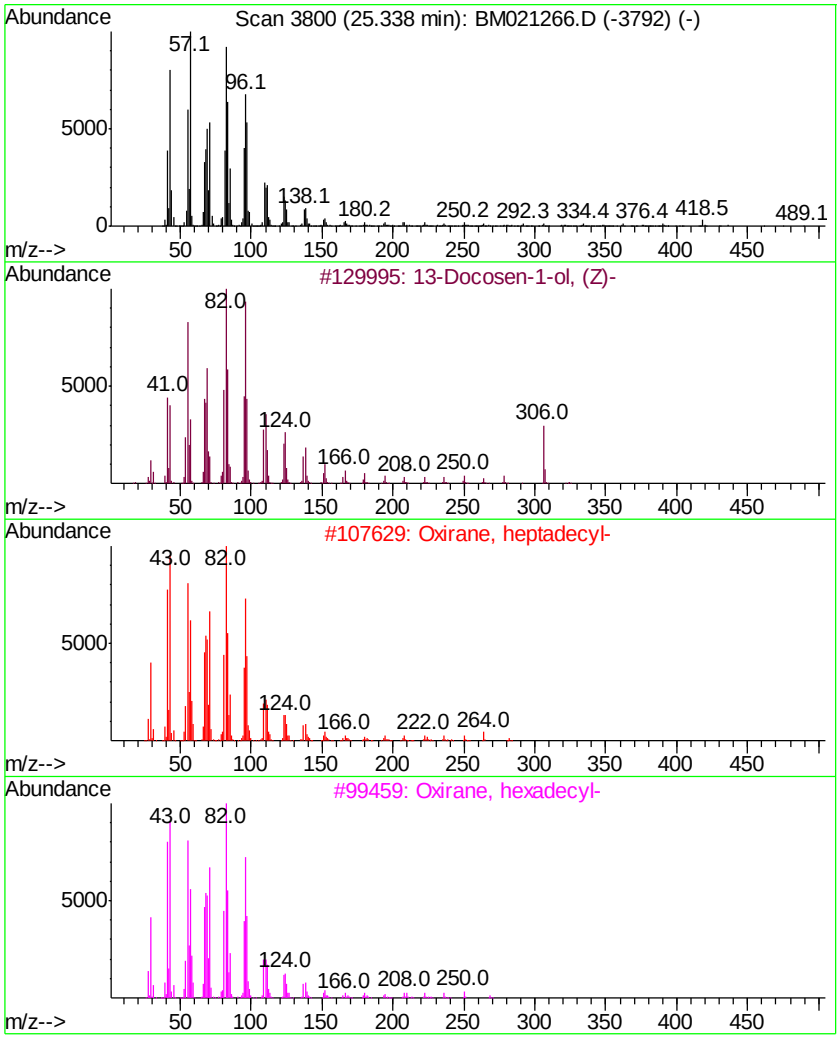
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

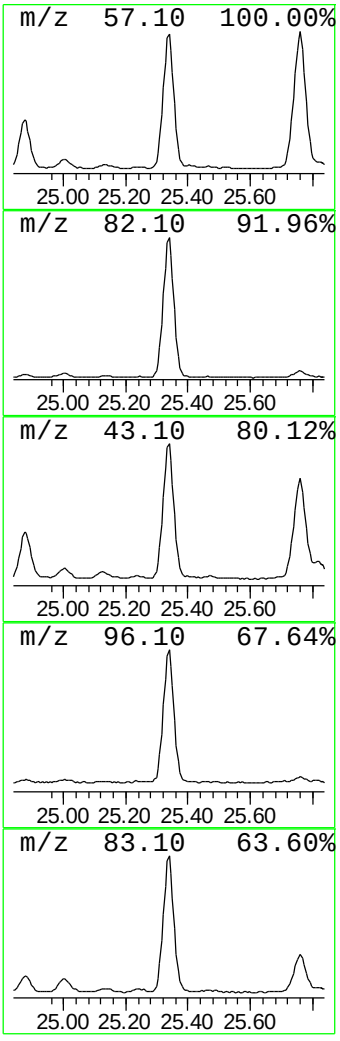
****

Peak Number 28 13-Docosen-1-ol, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	55.09 ng/ul	8537980	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	97
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Library Search Compound Report

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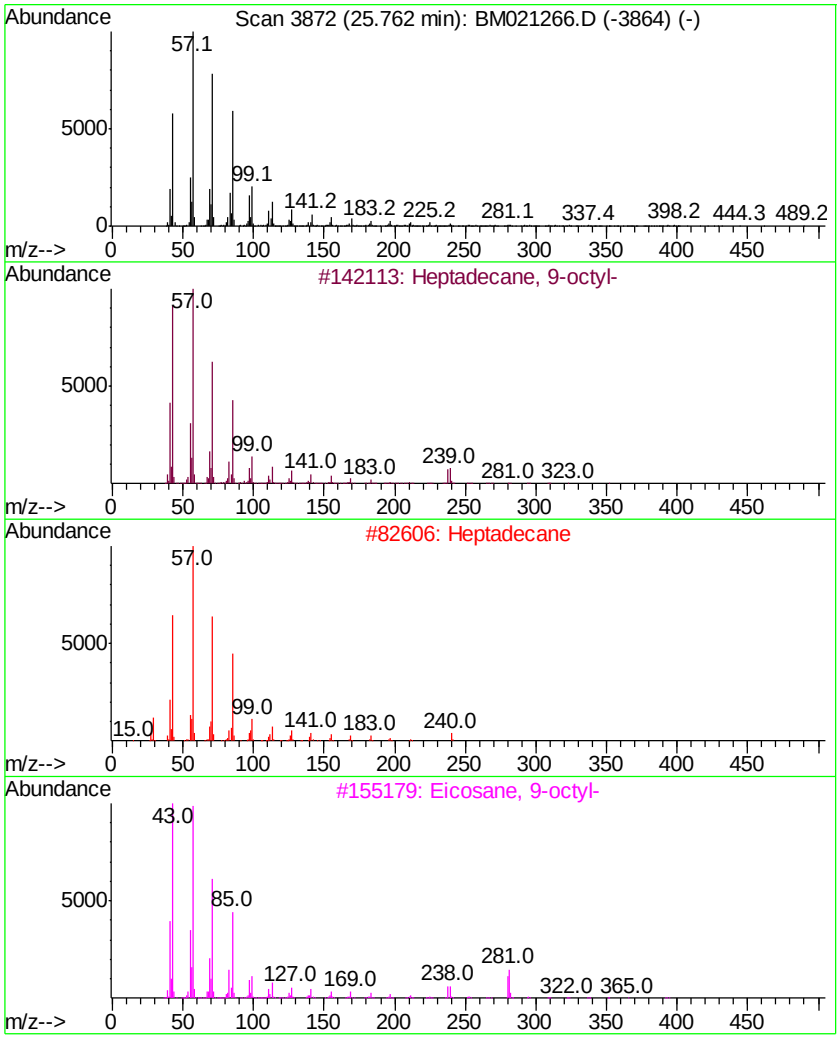
Quant Title : SVOA CALIBRATION

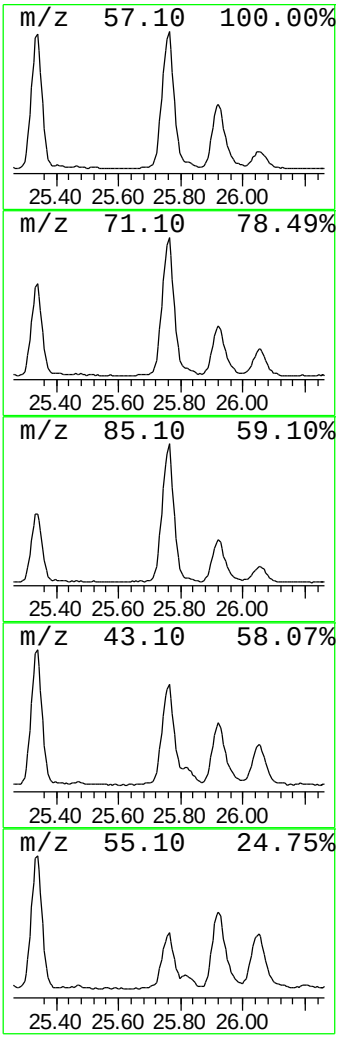
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	29.20 ng/ul	4525210	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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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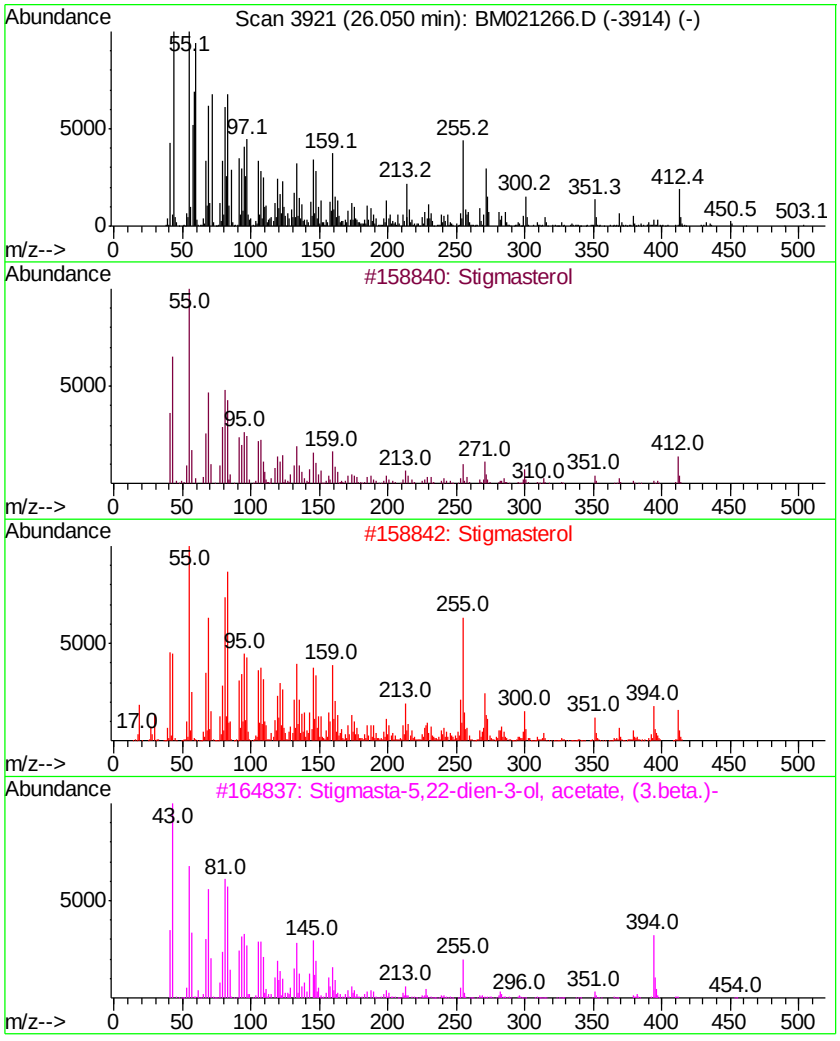
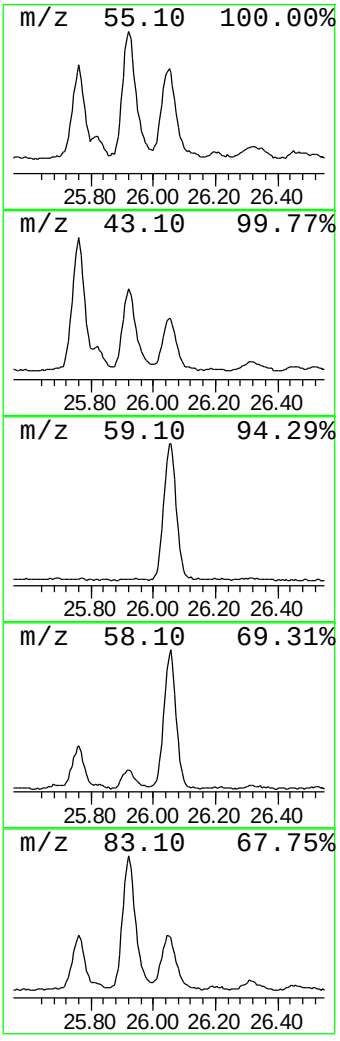
Peak Number 30 Stigmasterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	31.91 ng/ul	4945750	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	97
2	Stigmasterol	412	C29H48O	000083-48-7	58
3	Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	35
4	5-Hydroxy-4-hydroxymethyl-1-(1-h...	186	C10H18O3	087096-72-8	32
5	Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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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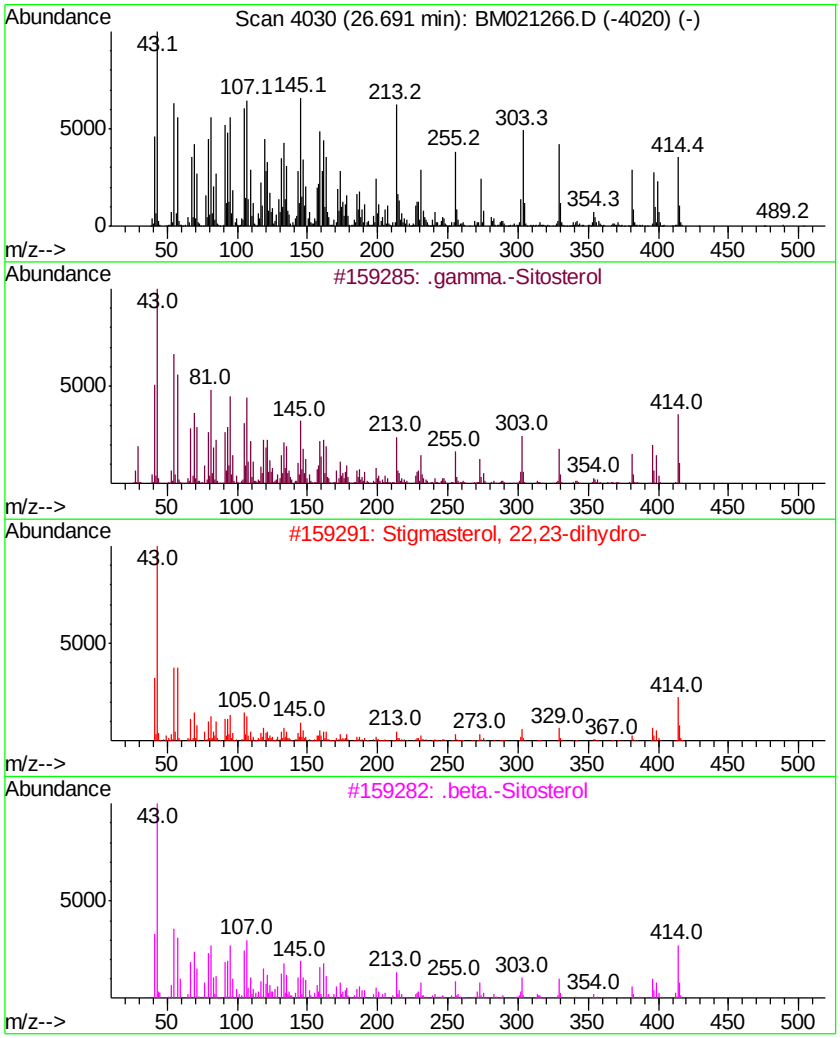
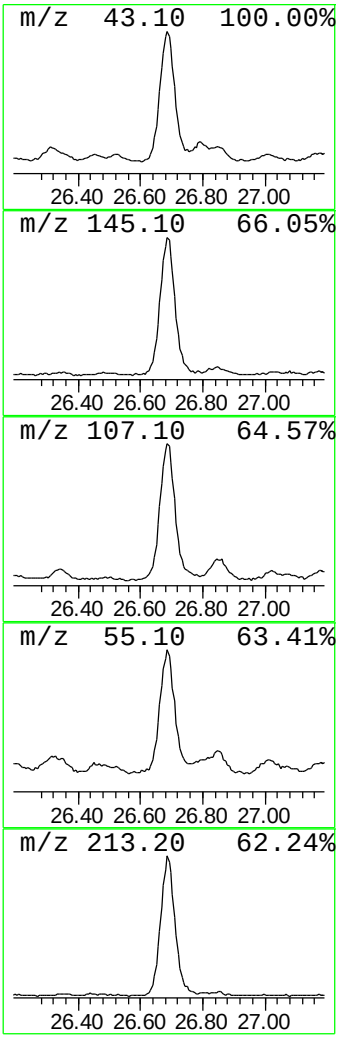
Peak Number 31 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	60.31 ng/ul	9345910	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	87
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	81
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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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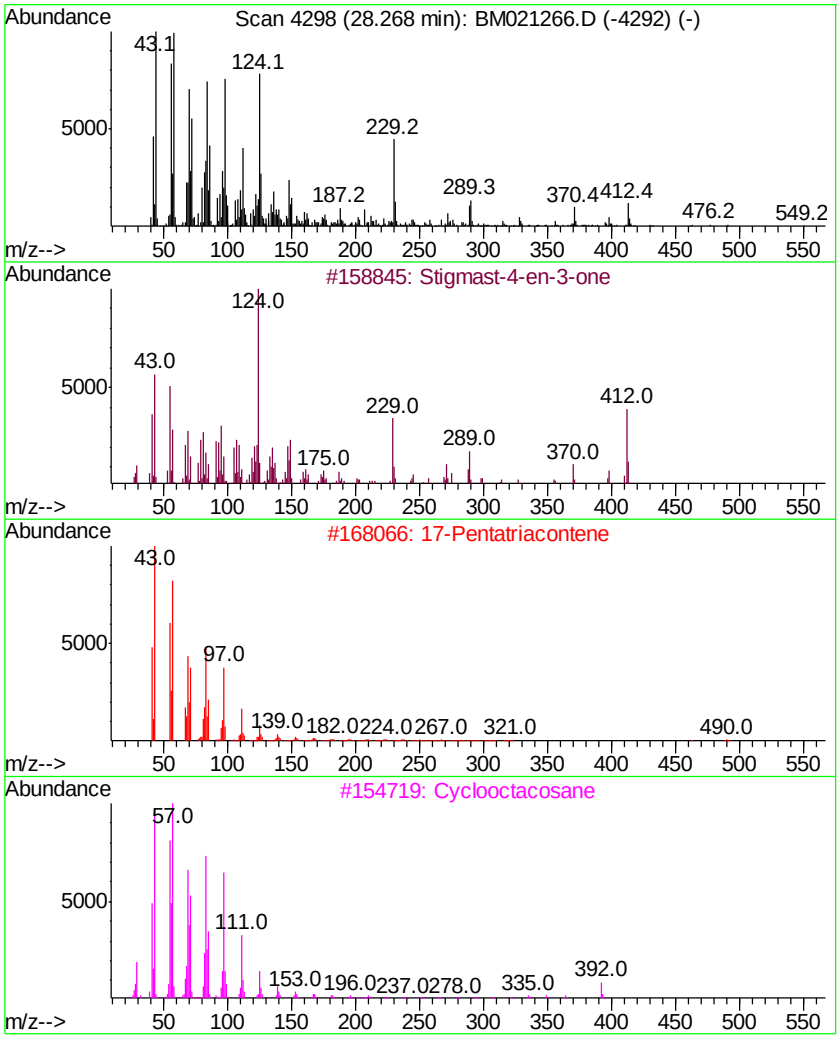
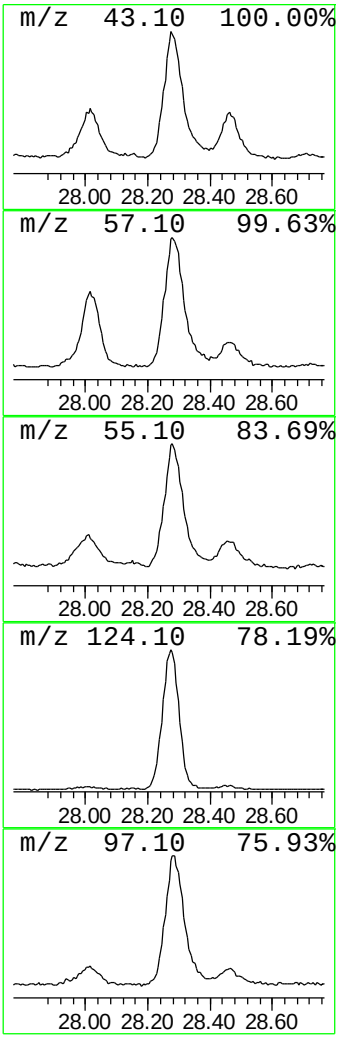
Peak Number 33 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.27	33.94 ng/ul	5259170	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	55
3	Cyclooctacosane	392	C28H56	000297-24-5	49
4	17-Pentatriacontene	491	C35H70	006971-40-0	46
5	1-Triacontanol	438	C30H62O	000593-50-0	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD7

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	38.6	ng/ul	2991620	1	7.76	1551690	20.0
Hexanal	4.35	2.7	ng/ul	206434	1	7.76	1551690	20.0
Cyclotrisiloxane,...	4.40	5.8	ng/ul	446441	1	7.76	1551690	20.0
1S-.alpha.-Pinene	6.44	2.1	ng/ul	165608	1	7.76	1551690	20.0
Cyclotetrasiloxan...	6.86	4.3	ng/ul	334764	1	7.76	1551690	20.0
Benzyl Alcohol	8.01	2.1	ng/ul	160376	1	7.76	1551690	20.0
Nonanal	9.07	2.5	ng/ul	198045	1	7.76	1551690	20.0
Cyclopentasiloxan...	9.29	2.3	ng/ul	262477	2	10.55	2334540	20.0
Hexadecenoic acid...	17.93	3.6	ng/ul	648560	4	17.15	3578890	20.0
n-Hexadecanoic acid	18.04	23.1	ng/ul	4133710	4	17.15	3578890	20.0
Phytol	19.06	2.9	ng/ul	526481	4	17.15	3578890	20.0
Octadecanoic acid	19.32	4.6	ng/ul	1075480	5	21.33	4700280	20.0
(DEL) Alkane: Str...	20.07	3.5	ng/ul	817674	5	21.33	4700280	20.0
Cinnamyl cinnamate	20.89	4.5	ng/ul	1070180	5	21.33	4700280	20.0
(DEL) Alkane: Cyc...	21.04	12.4	ng/ul	2917710	5	21.33	4700280	20.0
(DEL) Alkane: Str...	21.47	3.4	ng/ul	804274	5	21.33	4700280	20.0
1,19-Eicosadiene	21.66	2.2	ng/ul	517414	5	21.33	4700280	20.0
(DEL) Alkane: Str...	21.92	9.3	ng/ul	2182560	5	21.33	4700280	20.0
1,2-Dodecanediol	21.94	17.5	ng/ul	4109590	5	21.33	4700280	20.0
(DEL) Alkane: Str...	22.38	7.6	ng/ul	1783790	5	21.33	4700280	20.0
Oxirane, hexadecyl-	23.79	43.4	ng/ul	6730120	6	23.60	3099430	20.0
(DEL) Alkane: Str...	24.12	71.7	ng/ul	11108900	6	23.60	3099430	20.0
1-Triacontanol	24.22	27.8	ng/ul	4313510	6	23.60	3099430	20.0
17-(1,5-Dimethylh...	24.88	22.3	ng/ul	3454890	6	23.60	3099430	20.0
13-Docosen-1-ol, ...	25.34	55.1	ng/ul	8537980	6	23.60	3099430	20.0
(DEL) Alkane: Str...	25.76	29.2	ng/ul	4525210	6	23.60	3099430	20.0
Stigmasterol	26.05	31.9	ng/ul	4945750	6	23.60	3099430	20.0
.gamma.-Sitosterol	26.69	60.3	ng/ul	9345910	6	23.60	3099430	20.0
Stigmast-4-en-3-one	28.27	33.9	ng/ul	5259170	6	23.60	3099430	20.0