LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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	3.022	3	6	25	rVB	4232939	5812096	100.00%	6.316%
2	3.287	48	51	57	rVB2	37989	52545	0.90%	0.057%
3	4.410	238	242	251	rVB	538540	748096	12.87%	0.813%
4	4.898	322	325	330	rVB2	30720	42676	0.73%	0.046%
5	5.004	339	343	349	rVB2	39089	55356	0.95%	0.060%
6	6.445	584	588	595	rVB3	29862	50348	0.87%	0.055%
7	6.757	637	641	648	rVB4	12864	26200	0.45%	0.028%
8	6.869	655	660	665	rBV	351806	494806	8.51%	0.538%
9	6.934	665	671	686	rVB	825238	1408772	24.24%	1.531%
10	7.110	695	701	712	rVB	652499	1016334	17.49%	1.104%
11	7.298	726	733	743	rVB	867175	1356734	23.34%	1.474%
12	7.769	806	813	819	rBV	839874	1342767	23.10%	1.459%
13	7.816	819	821	828	rVB4	9971	17941	0.31%	0.019%
14	8.469	925	932	941	rBV	877826	1414708	24.34%	1.537%
15	8.928	1003	1010	1018	rBV	868068	1426076	24.54%	1.550%
16	8.998	1018	1022	1030	rVV2	23579	53054	0.91%	0.058%
17	9.251	1059	1065	1069	rBV	73742	124258	2.14%	0.135%
18	9.298	1069	1073	1083	rVB	227164	320268	5.51%	0.348%
19	9.645	1123	1132	1143	rBV	760524	1247636	21.47%	1.356%
20	10.175	1214	1222	1238	rBV	1199045	2084408	35.86%	2.265%
21	10.551	1279	1286	1293	rBV	1266732	2109370	36.29%	2.292%
22	10.698	1302	1311	1329	rBV	709016	1368262	23.54%	1.487%
23	11.310	1408	1415	1418	rBV4	9531	18497	0.32%	0.020%
24	11.786	1489	1496	1502	rBV	162371	234787	4.04%	0.255%
25	12.145	1551	1557	1563	rVB2	22837	35771	0.62%	0.039%
26	13.274	1744	1749	1756	rVB6	14517	29497	0.51%	0.032%
27	13.716	1820	1824	1829	rVB3	29447	40858	0.70%	0.044%
28	13.821	1832	1842	1846	rBV	2370726	3436944	59.13%	3.735%
29	13.868	1846	1850	1856	rVB	949456	1336574	23.00%	1.453%
30	14.098	1883	1889	1897	rVV	2674584	3983012	68.53%	4.328%
31	14.157	1897	1899	1904	rVV4	17835	22953	0.39%	0.025%
32	14.239	1908	1913	1916	rVV4	13645	17498	0.30%	0.019%
33	14.357	1925	1933	1936	rVV	143528	195841	3.37%	0.213%
34	14.410	1936	1942	1949	rVV2	2014657	3109252	53.50%	3.379%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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	1959	rVB3	22176	34019	0.59%	0.037%
36	14.615	1971	1977	1991	rBV	562110	1058515	18.21%	1.150%
37	14.715	1991	1994	2000	rVB	34808	51167	0.88%	0.056%
38	14.815	2007	2011	2017	rVB7	15239	26363	0.45%	0.029%
39	15.198	2071	2076	2079	rBV	31198	39004	0.67%	0.042%
40	15.245	2079	2084	2090	rVB3	21147	37930	0.65%	0.041%
41	15.357	2098	2103	2105	rBV	97761	116944	2.01%	0.127%
42	15.404	2105	2111	2118	rVB	3291756	4888829	84.11%	5.313%
43	15.527	2126	2132	2145	rBV	759372	1055714	18.16%	1.147%
44	15.645	2146	2152	2157	rVV3	64250	100772	1.73%	0.110%
45	15.874	2187	2191	2200	rVB8	12974	27418	0.47%	0.030%
46	15.968	2205	2207	2213	rVB6	15092	23384	0.40%	0.025%
47	16.109	2228	2231	2240	rBV7	23779	51033	0.88%	0.055%
48	16.251	2250	2255	2260	rBV7	18236	33767	0.58%	0.037%
49	16.298	2260	2263	2270	rVB9	14765	23859	0.41%	0.026%
50	16.551	2302	2306	2311	rBV5	22612	35639	0.61%	0.039%
51	16.604	2311	2315	2320	rVB	81170	100648	1.73%	0.109%
52	16.909	2361	2367	2370	rBV6	21037	34445	0.59%	0.037%
53	16.968	2375	2377	2383	rVB3	14782	22950	0.39%	0.025%
54	17.045	2386	2390	2397	rBV4	42084	71818	1.24%	0.078%
55	17.115	2398	2402	2403	rBV4	30153	35014	0.60%	0.038%
56	17.156	2403	2409	2413	rVV	2488895	3391229	58.35%	3.685%
57	17.198	2413	2416	2420	rVV	208282	287801	4.95%	0.313%
58	17.256	2420	2426	2434	rVV	3247846	4722266	81.25%	5.132%
59	17.509	2464	2469	2471	rBV5	11047	17478	0.30%	0.019%
60	17.674	2493	2497	2503	rVV	67089	86844	1.49%	0.094%
61	17.927	2534	2540	2546	rBV3	59362	109943	1.89%	0.119%
62	17.986	2546	2550	2555	rBV	193447	257661	4.43%	0.280%
63	18.051	2555	2561	2572	rBV2	1039410	1572325	27.05%	1.709%
64	18.227	2586	2591	2595	rBV3	52412	84044	1.45%	0.091%
65	18.356	2606	2613	2622	rBV3	412942	644756	11.09%	0.701%
66	18.533	2641	2643	2646	rVB	28273	29117	0.50%	0.032%
67	18.580	2647	2651	2654	rBV2	29396	39986	0.69%	0.043%
68	18.621	2655	2658	2662	rVB	53688	56127	0.97%	0.061%
69	18.909	2704	2707	2710	rBV4	17668	26082	0.45%	0.028%
70	18.974	2715	2718	2721	rVB	41656	49065	0.84%	0.053%
71	19.215	2750	2759	2768	rBV	598951	1031493	17.75%	1.121%

LSC Area Percent Report

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Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	19.327	2774	2778	2790	rBV	266016	446125	7.68%	0.485%
73	19.421	2791	2794	2801	rVV2	63388	112590	1.94%	0.122%
74	19.556	2810	2817	2829	rBV2	3381892	5371180	92.41%	5.837%
75	20.086	2901	2907	2911	rVB3	142399	262364	4.51%	0.285%
76	20.121	2911	2913	2917	rVB	51477	50816	0.87%	0.055%
77	20.180	2920	2923	2926	rBV2	40714	49546	0.85%	0.054%
78	20.433	2962	2966	2970	rBV2	222150	268745	4.62%	0.292%
79	20.592	2989	2993	2996	rVB3	115379	147536	2.54%	0.160%
80	20.750	3017	3020	3026	rBV2	88134	129388	2.23%	0.141%
81	20.903	3042	3046	3052	rBV	666037	755177	12.99%	0.821%
82	21.056	3068	3072	3080	rVB	1107736	1368968	23.55%	1.488%
83	21.127	3082	3084	3090	rVB2	85335	97852	1.68%	0.106%
84	21.350	3115	3122	3126	rBV	2201659	3242880	55.80%	3.524%
85	21.386	3126	3128	3135	rVB	283174	344157	5.92%	0.374%
86	21.497	3144	3147	3155	rVB3	220748	287619	4.95%	0.313%
87	21.939	3218	3222	3224	rBV	541788	741987	12.77%	0.806%
88	21.962	3224	3226	3237	rVB	665138	889644	15.31%	0.967%
89	22.409	3298	3302	3306	rBV2	385552	538764	9.27%	0.585%
90	22.644	3338	3342	3349	rBV	538965	714410	12.29%	0.776%
91	22.921	3384	3389	3394	rBV2	2045372	3324554	57.20%	3.613%
92	22.974	3394	3398	3410	rVB	1706522	3199567	55.05%	3.477%
93	23.485	3479	3485	3492	rBV	2220153	4422804	76.10%	4.806%
94	23.633	3504	3510	3517	rVB	1427312	2609095	44.89%	2.835%
95	23.821	3538	3542	3549	rVB	340963	585628	10.08%	0.636%
96	24.156	3593	3599	3607	rVB	1289913	2469115	42.48%	2.683%
97	24.250	3611	3615	3625	rVB2	335981	744998	12.82%	0.810%
98	24.915	3722	3728	3737	rBV3	488129	1158117	19.93%	1.259%
99	25.368	3802	3805	3817	rVB3	341407	717354	12.34%	0.780%
100	26.715	4029	4034	4049	rVB6	572658	1657772	28.52%	1.802%

Sum of corrected areas: 92018396

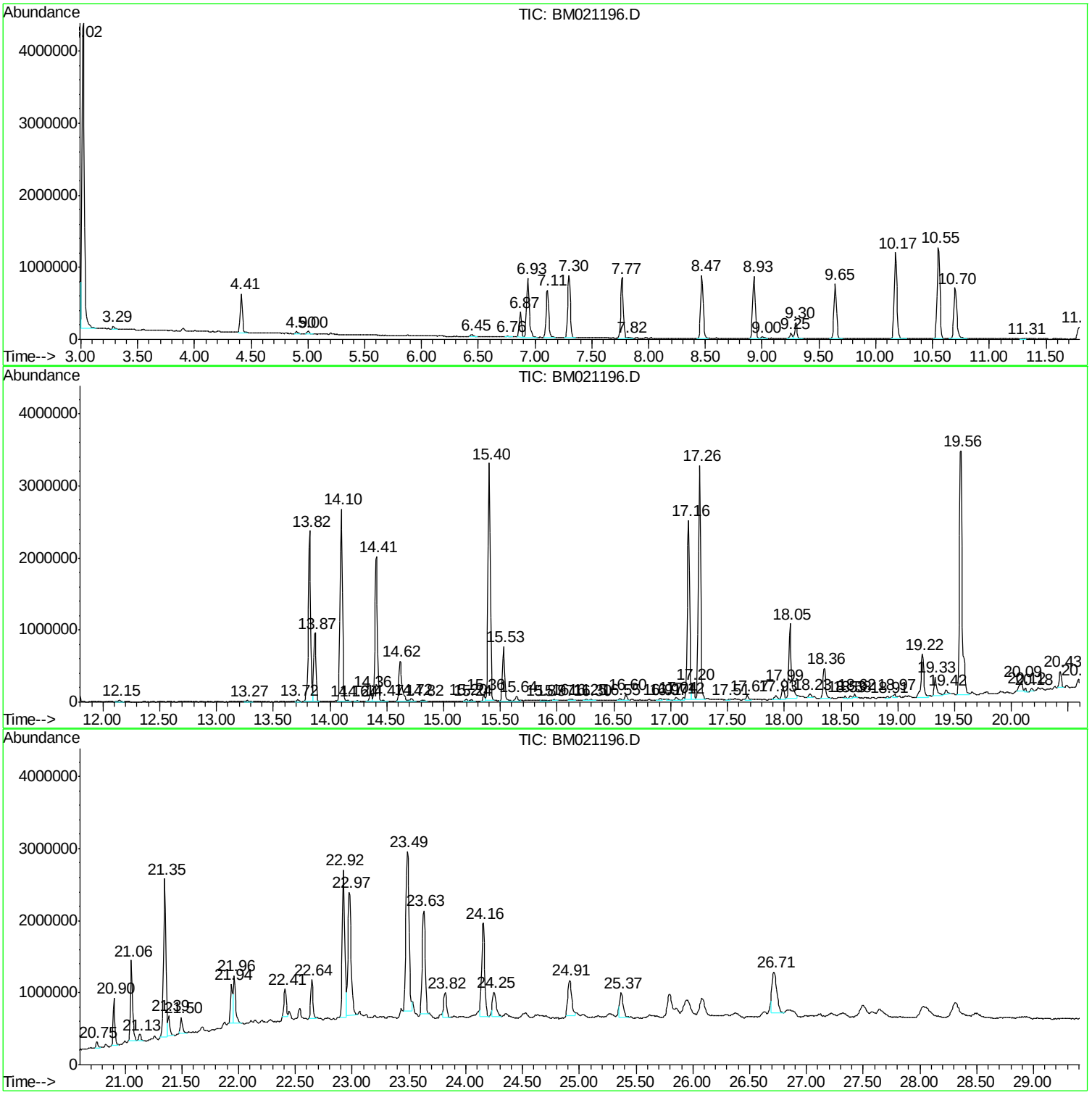
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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 : BM021196.D
Acq On : 26 Jun 2019 17:41
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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

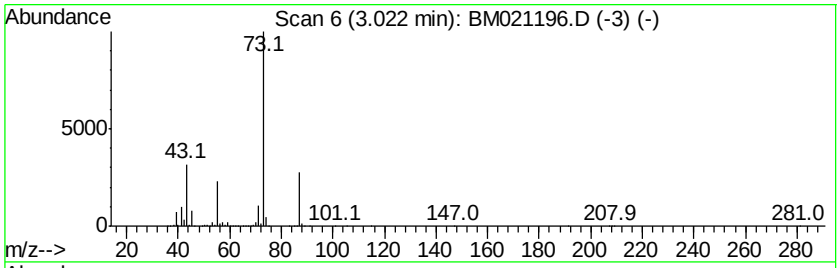
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

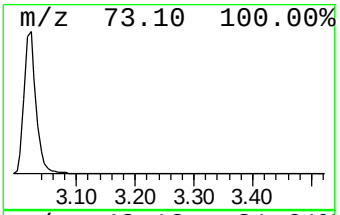
****

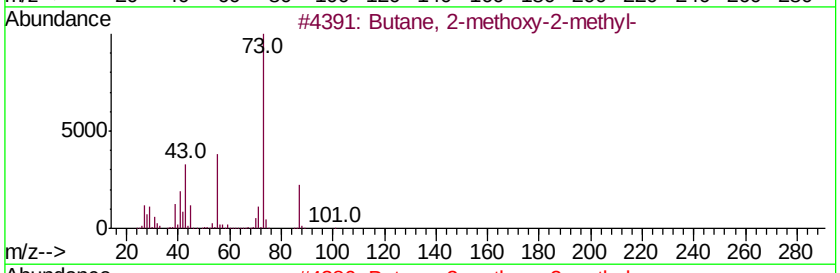
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

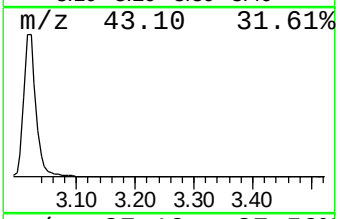
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	86.57 ng/ul	5812100	1,4-Dichlorobenzene-d4	7.77

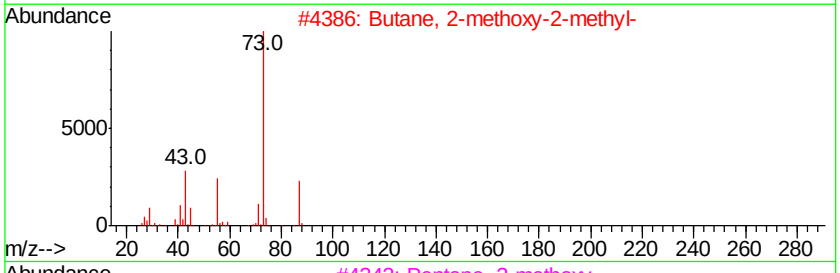
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

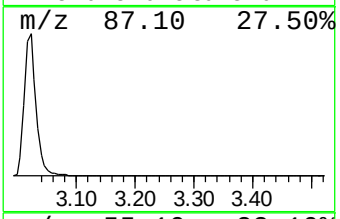


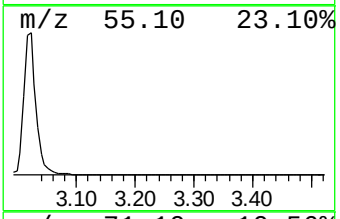


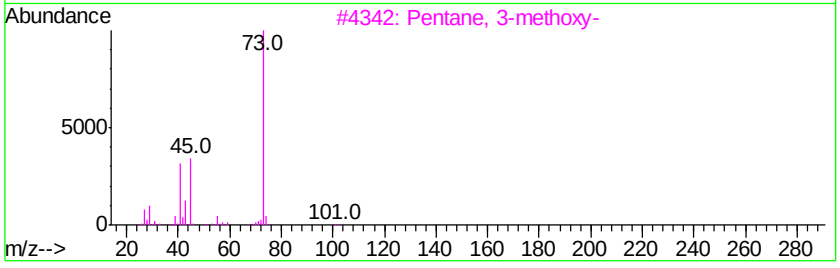


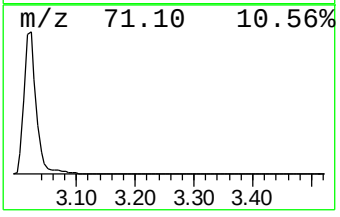












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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

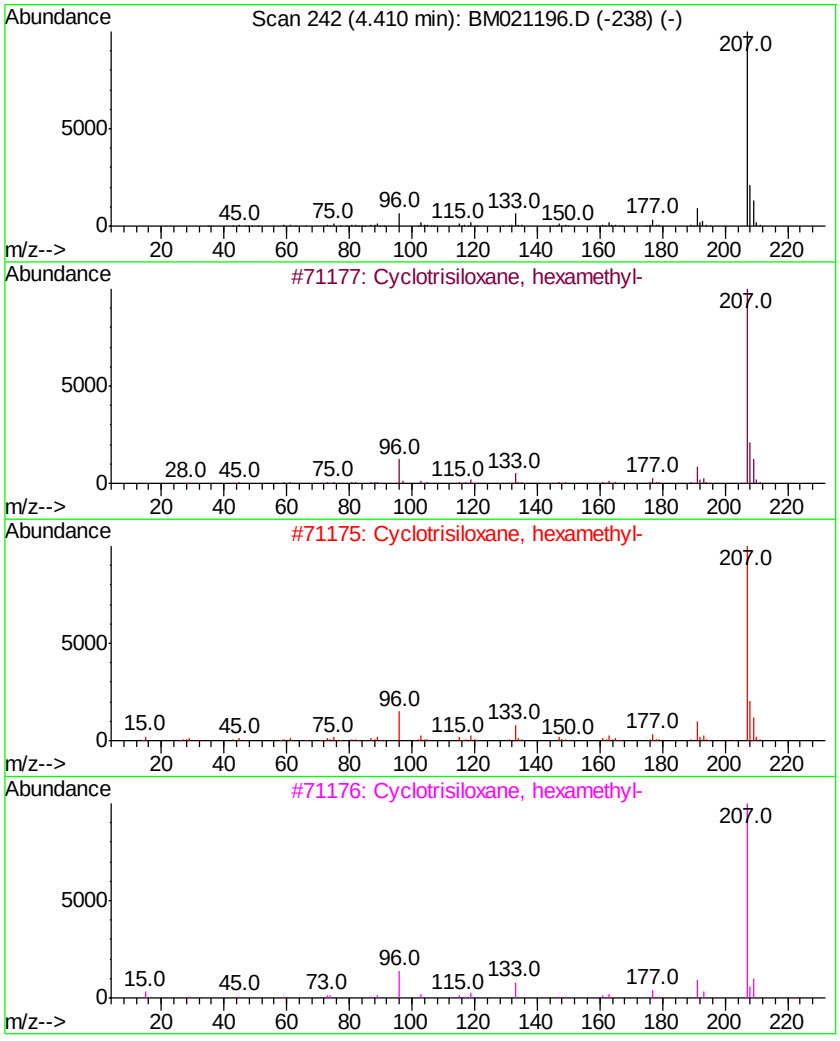
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

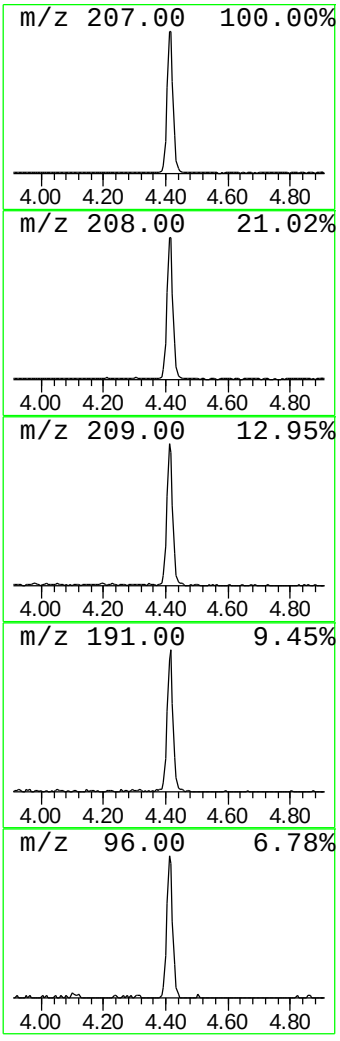
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	11.14 ng/ul	748096	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	9





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Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

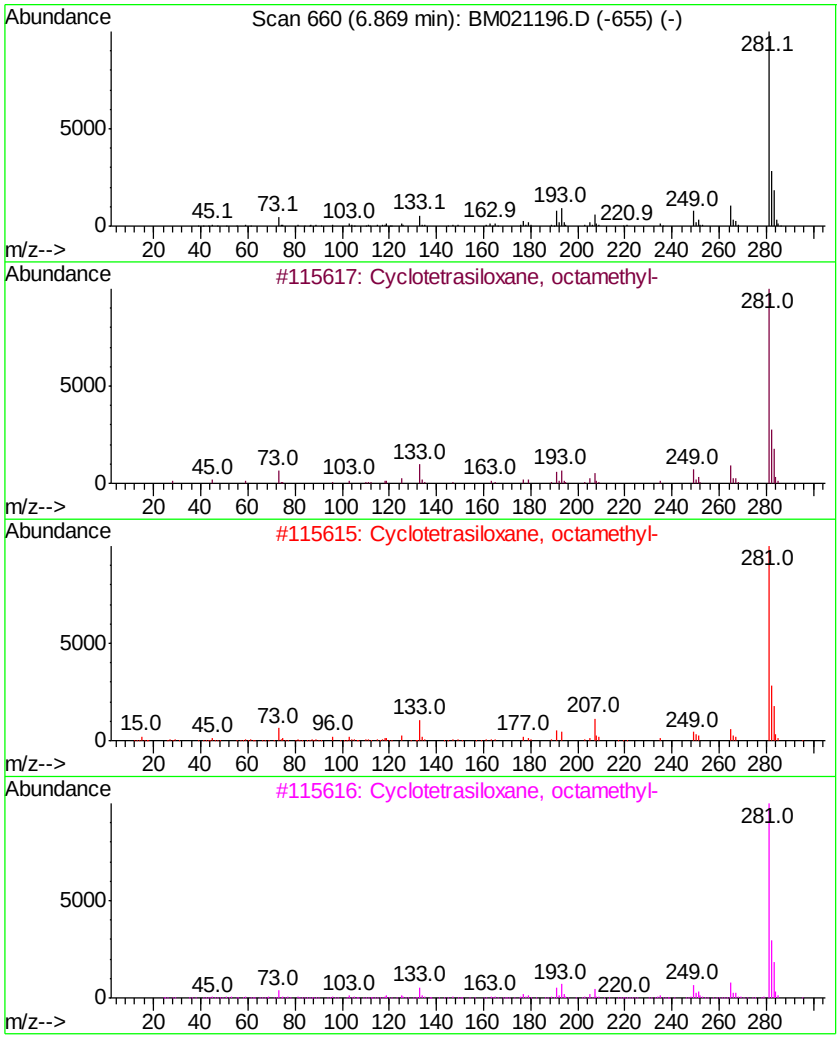
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

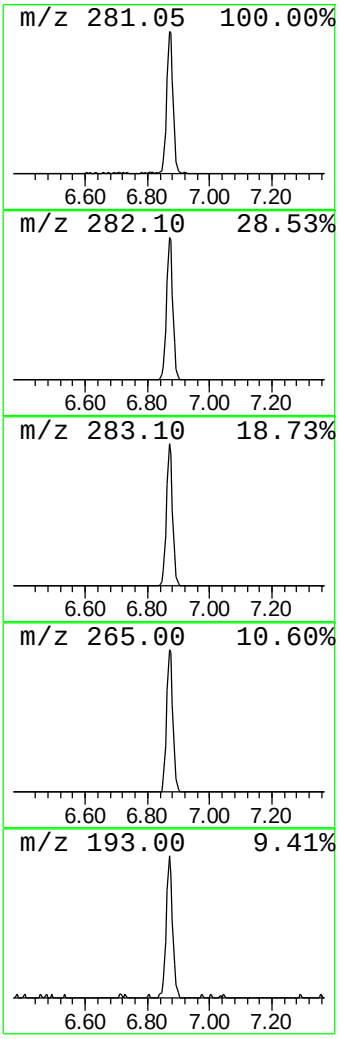
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	7.37 ng/ul	494806	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	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	62
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50
5	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
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Operator : HP/JU
Sample : K3501-15
Misc :
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Instrument : BNA_M
ClientSampleId : C7AC6

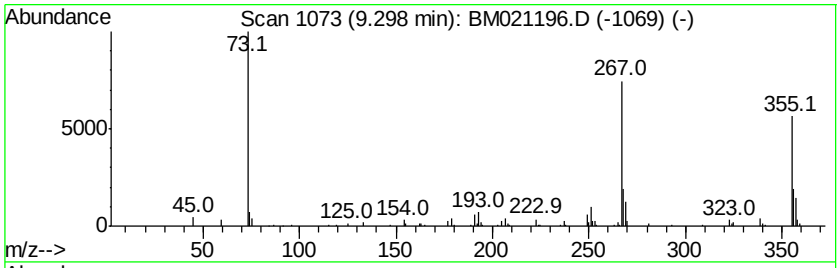
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

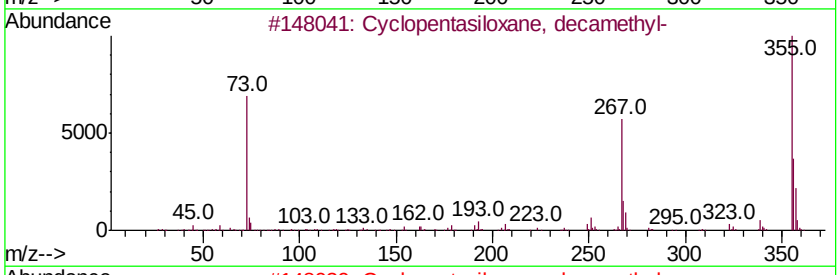
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

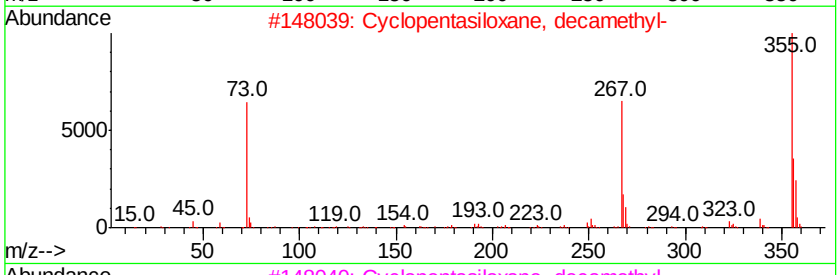
****
Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 18

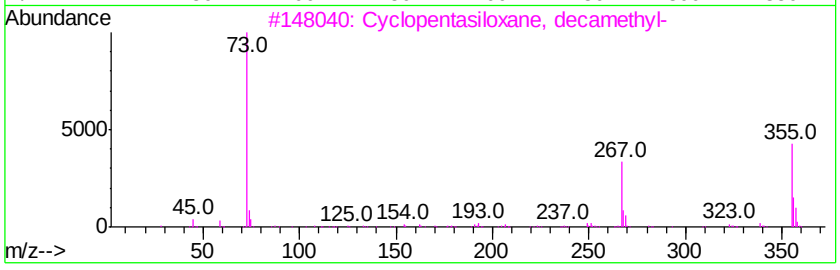
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.04 ng/ul	320268	Naphthalene-d8	10.55

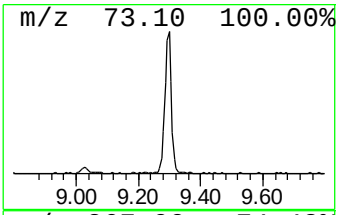
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
5	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	43

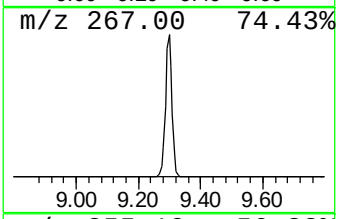


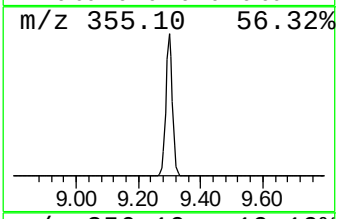


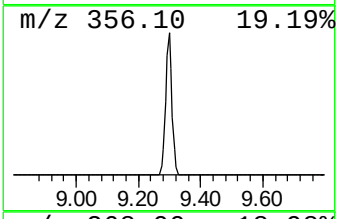


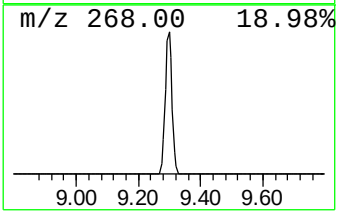












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Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
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Instrument : BNA_M
ClientSampleId : C7AC6

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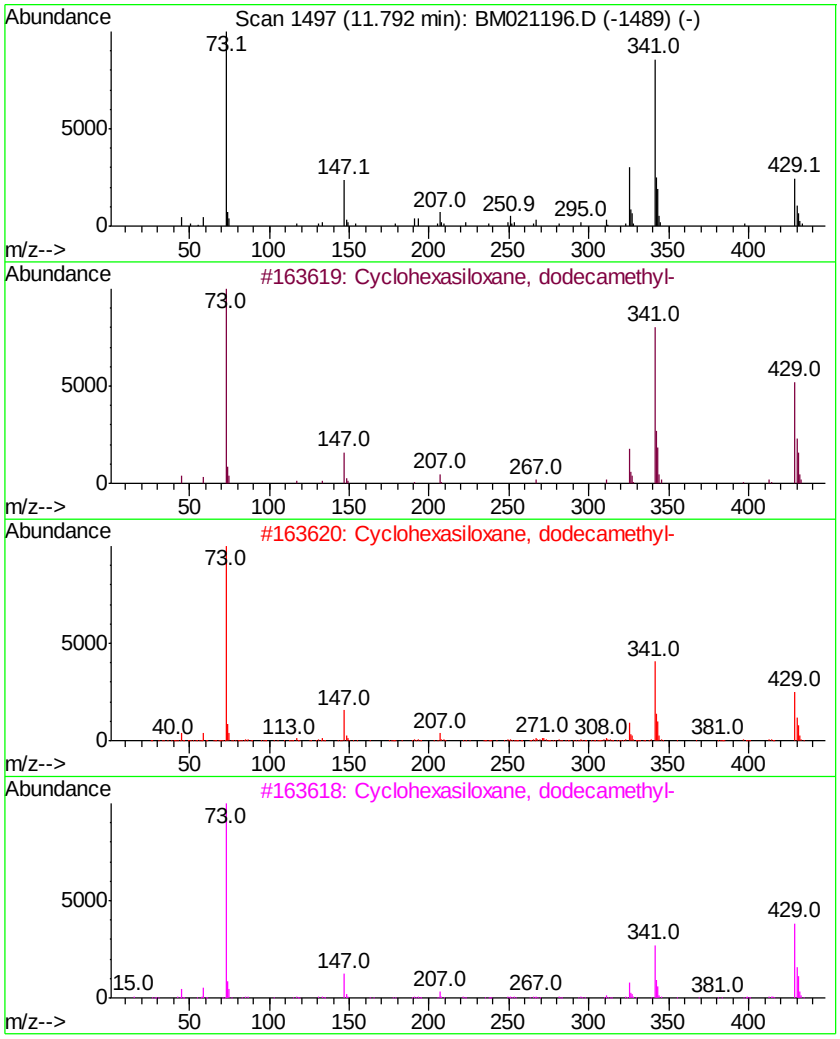
Quant Title : SVOA CALIBRATION

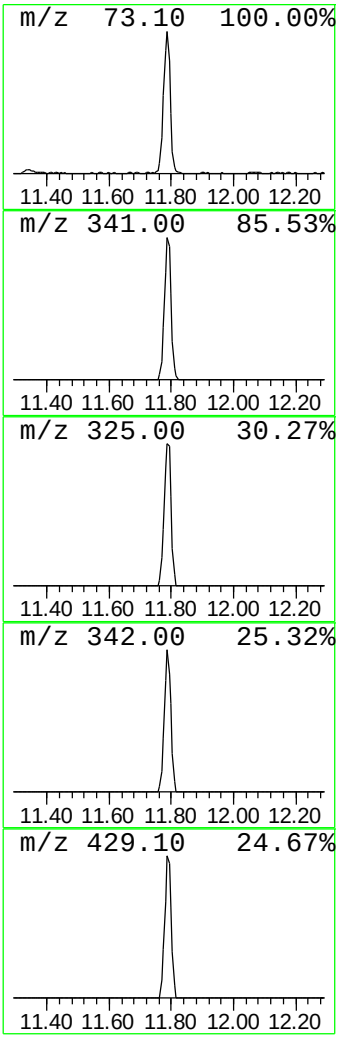
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexasiloxane, dodecame... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.23 ng/ul	234787	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	87
3	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	80
4	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	28
5	2-Chloro-4-(4-methoxyphenyl)-6-(...	341	C17H12ClN3O3	063673-76-7	25





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ClientSampleId : C7AC6

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Quant Title : SVOA CALIBRATION

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

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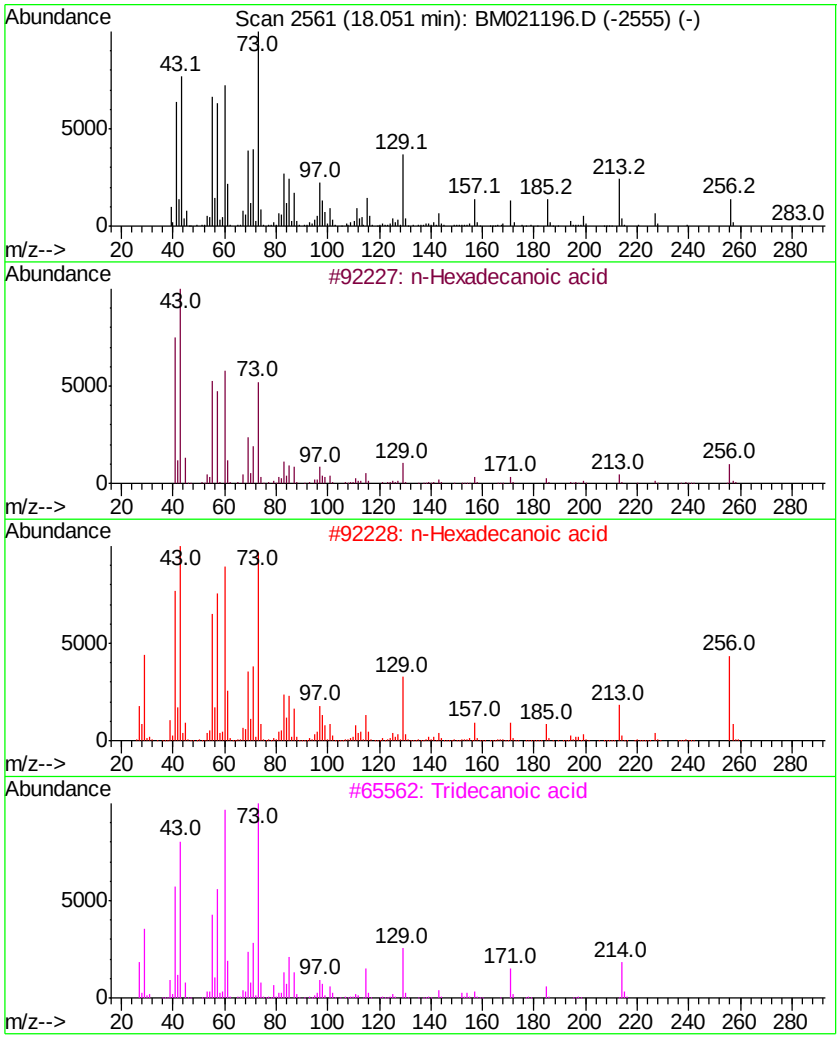
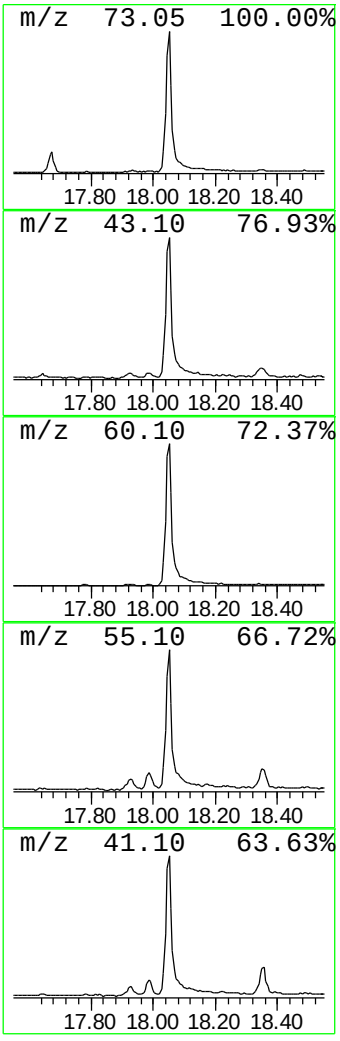
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	9.27 ng/ul	1572330	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Quant Title : SVOA CALIBRATION

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

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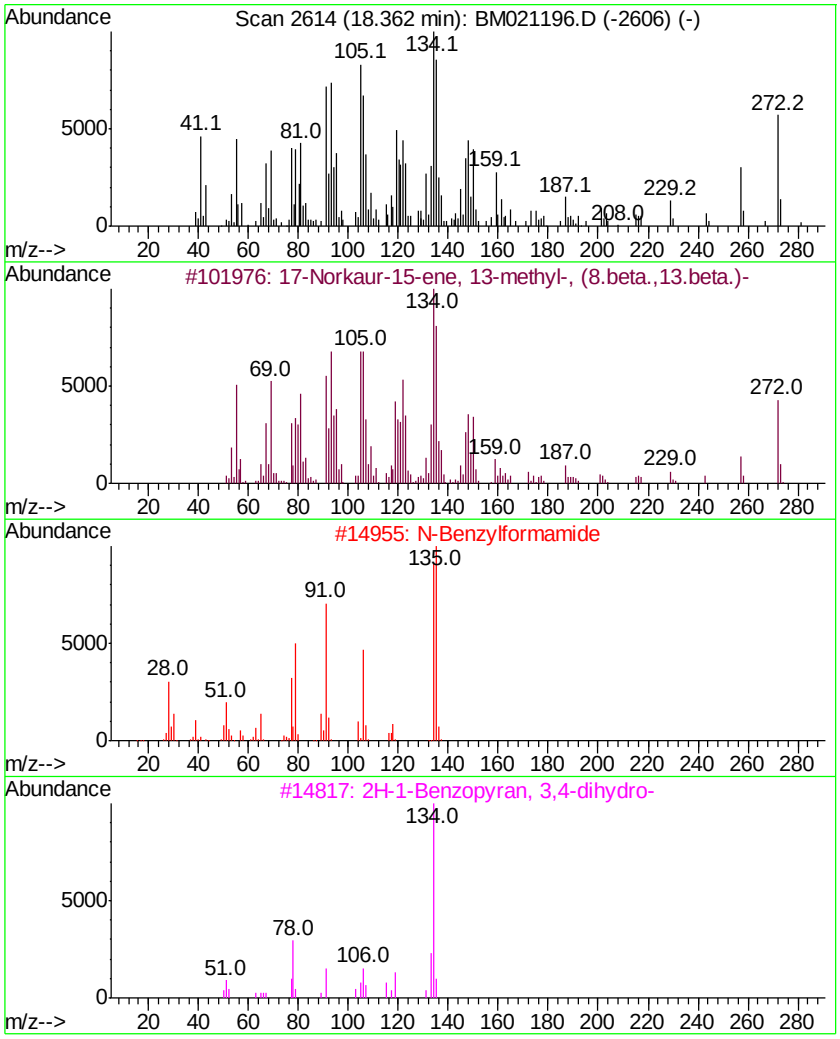
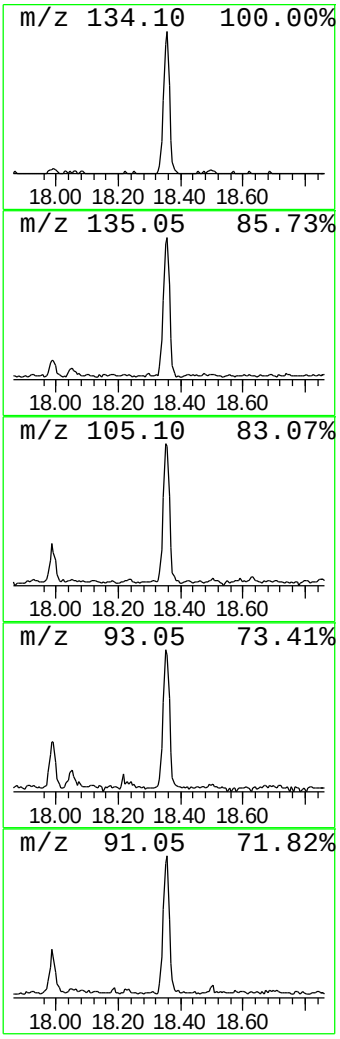
Peak Number 7 17-Norkaur-15-ene, 13-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.80 ng/ul	644756	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	99
2	N-Benzylformamide	135	C8H9NO	006343-54-0	38
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	38
4	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	27
5	Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	27





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Quant Title : SVOA CALIBRATION

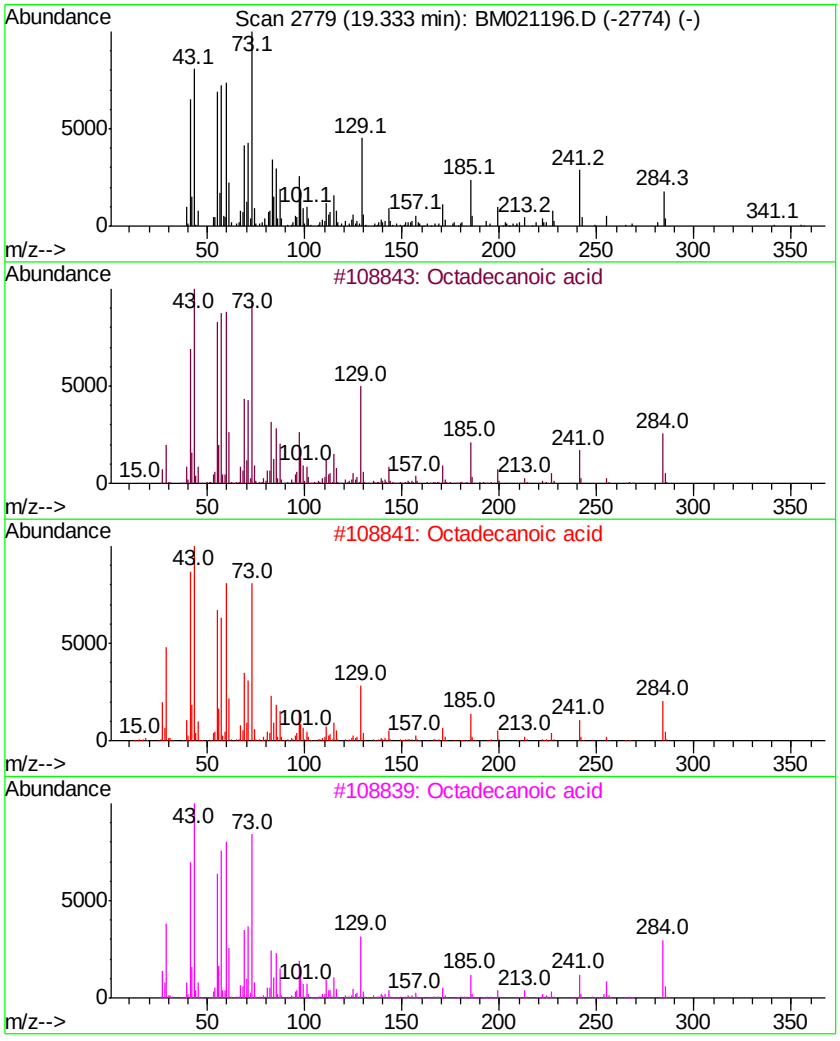
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

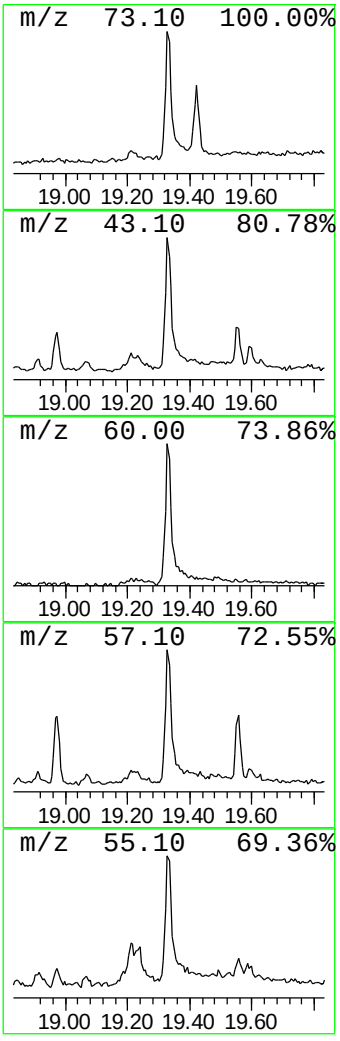
****

Peak Number 8 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.75 ng/ul	446125	Chrysene-d12	21.35

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





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ClientSampleId : C7AC6

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Quant Title : SVOA CALIBRATION

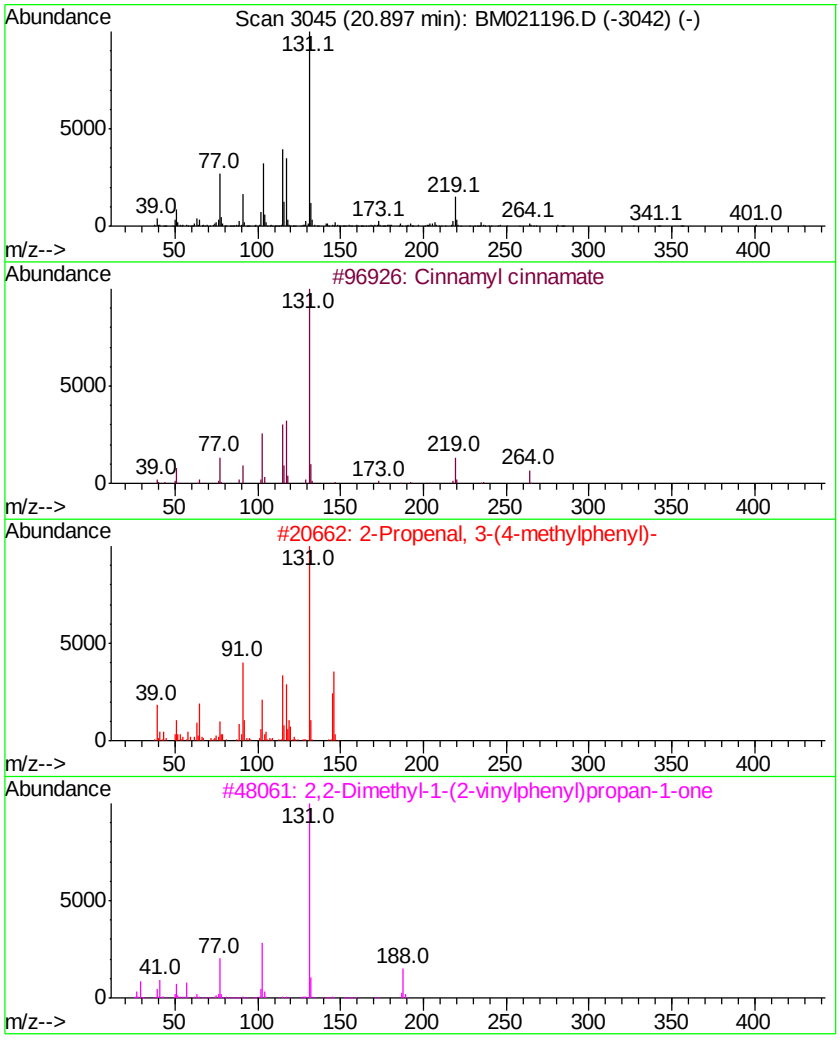
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

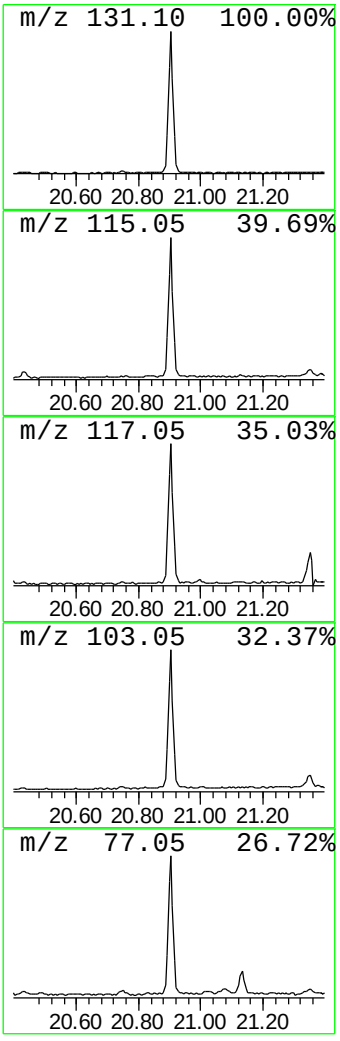
****

Peak Number 9 Cinnamyl cinnamate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.66 ng/ul	755177	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	80
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
4	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

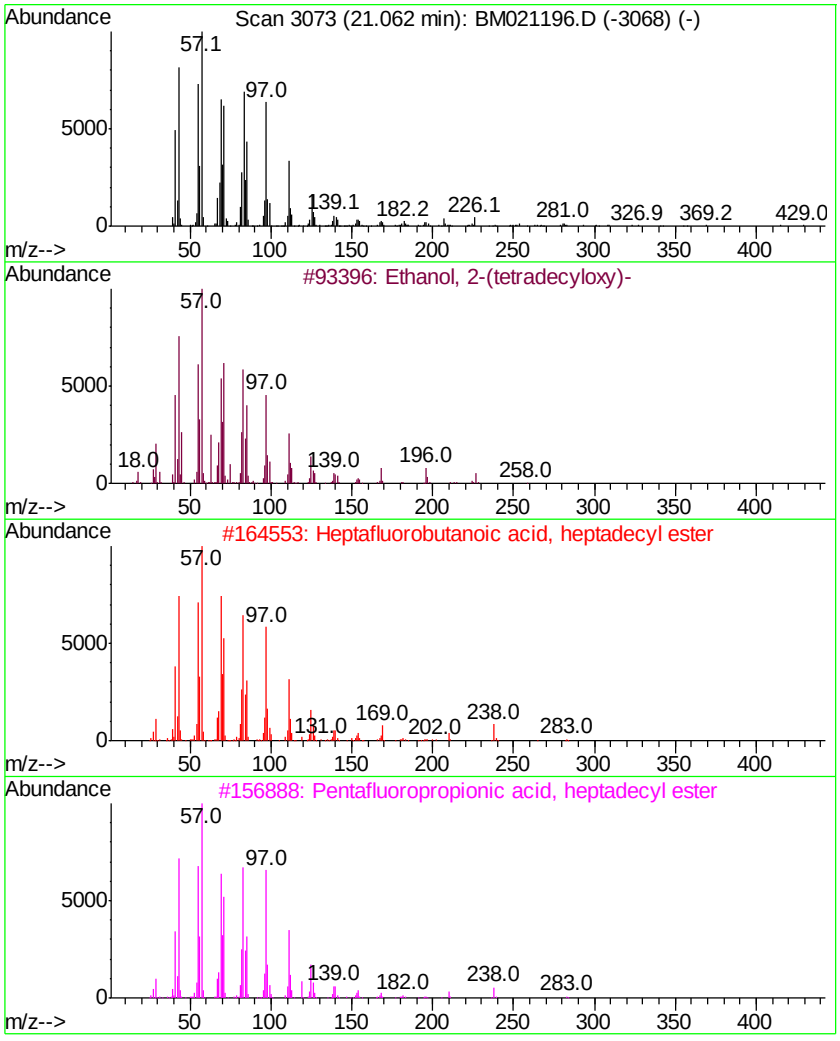
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

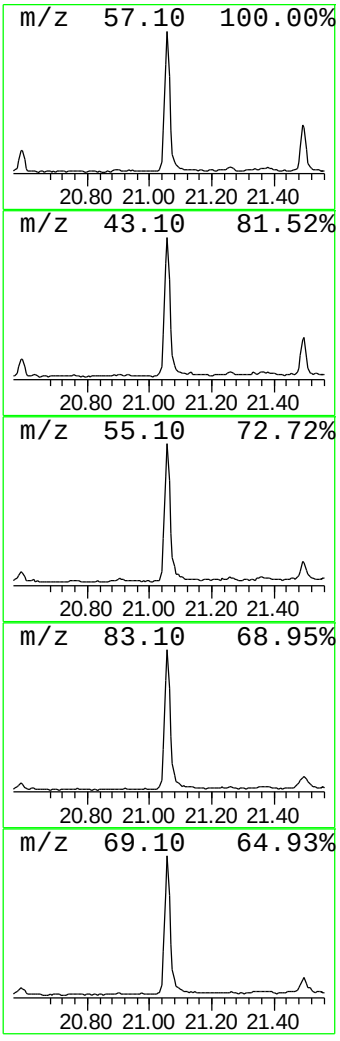
****

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	8.44 ng/ul	1368970	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

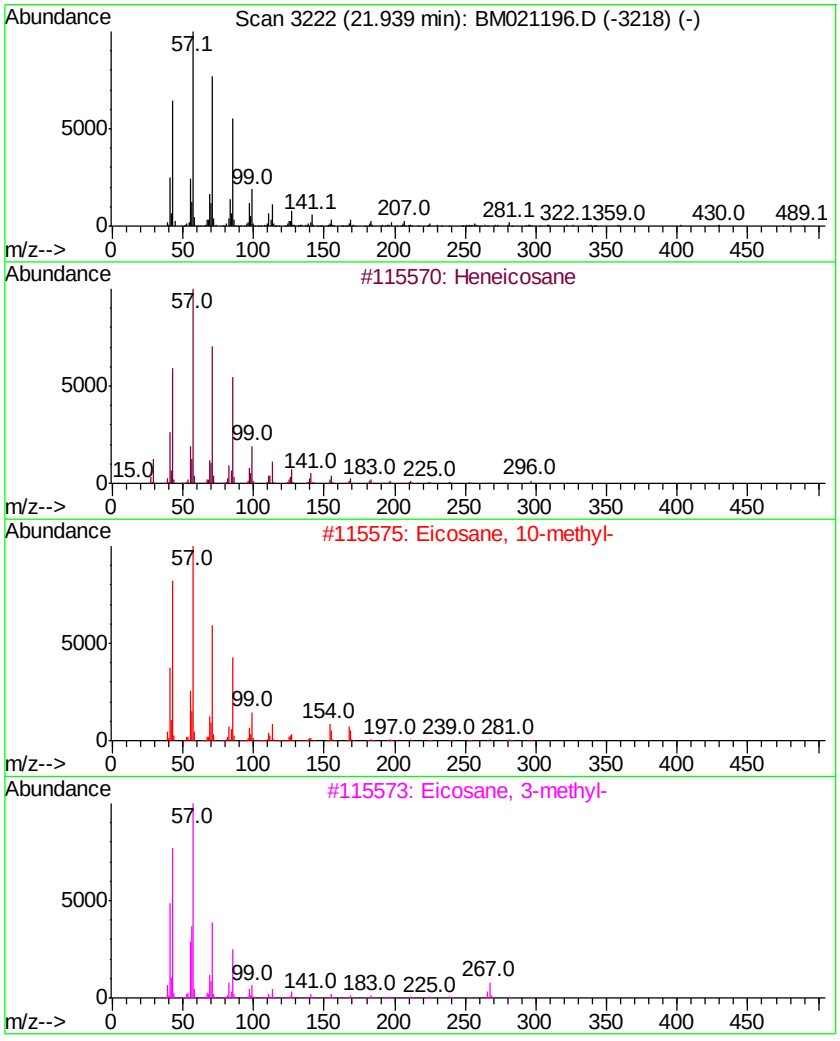
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

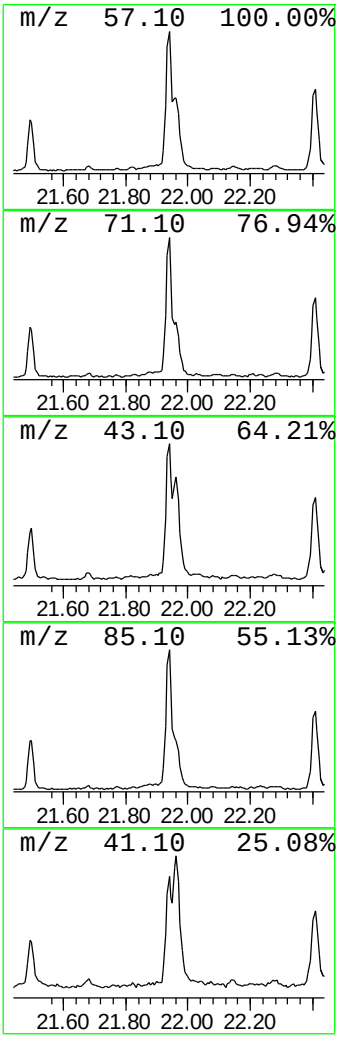
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	4.58 ng/ul	741987	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Nonacosane	408	C29H60	000630-03-5	91





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Instrument : BNA_M
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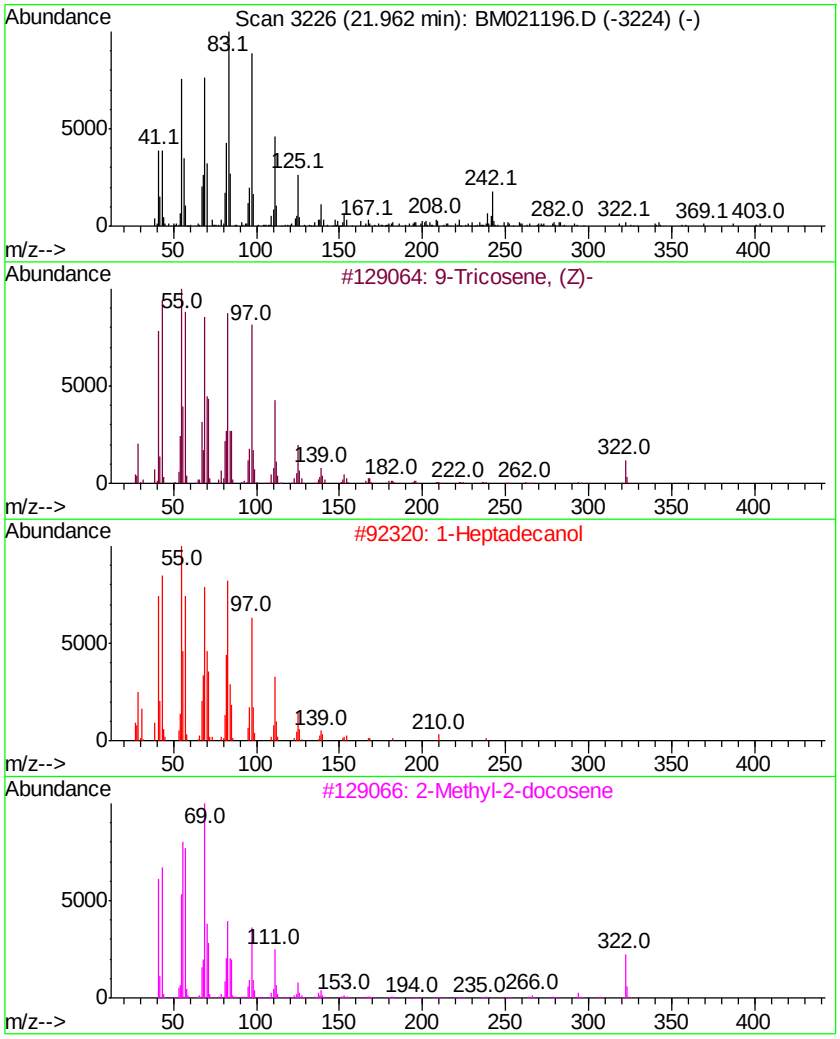
Quant Title : SVOA CALIBRATION

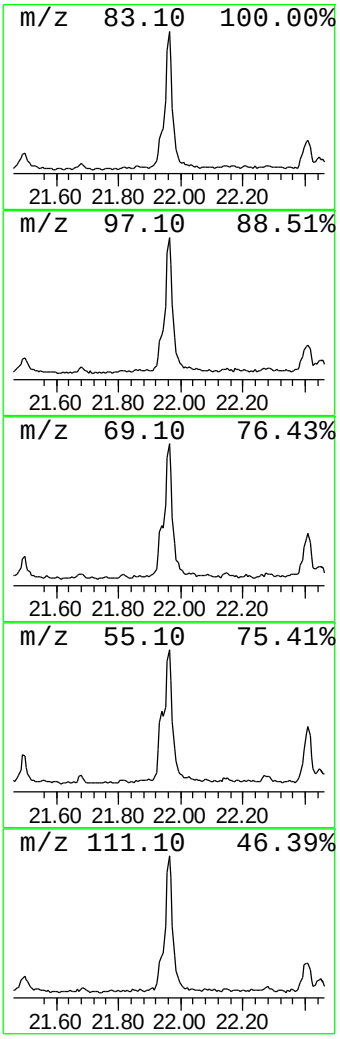
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic21.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	5.49 ng/ul	889644	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Heptadecanol	256	C17H36O	001454-85-9	52
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	50
4	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
5	1-Hexadecanol	242	C16H34O	036653-82-4	46





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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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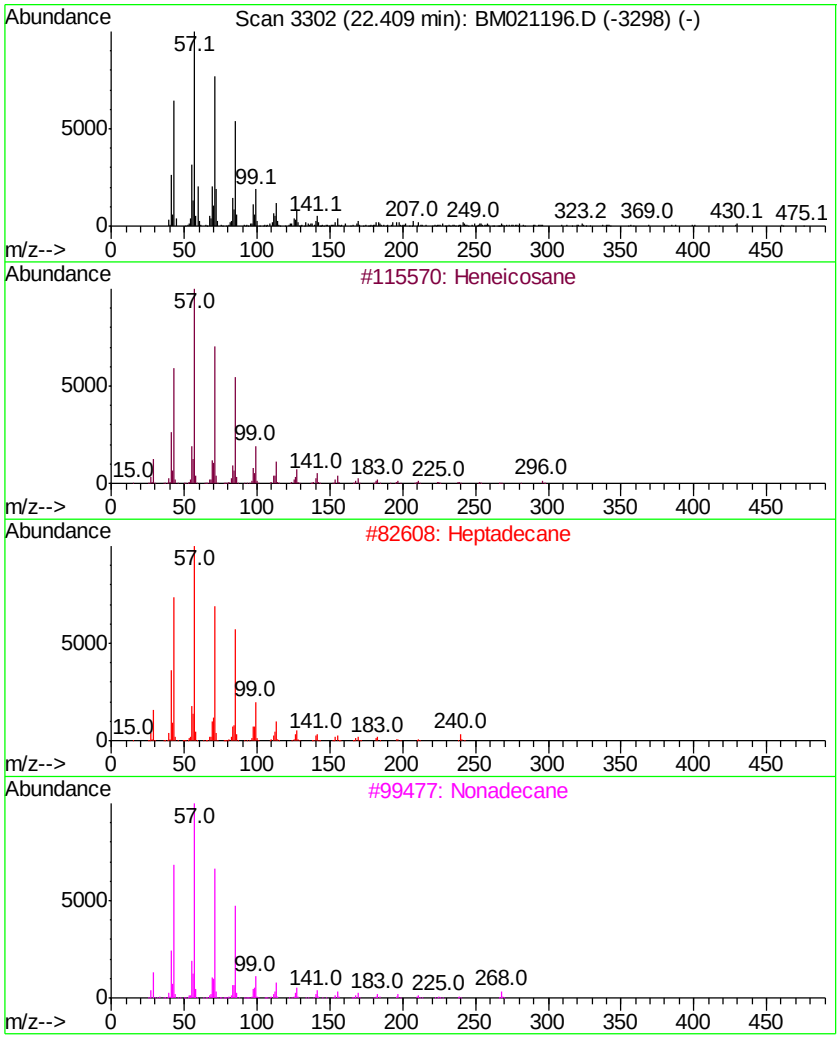
Quant Title : SVOA CALIBRATION

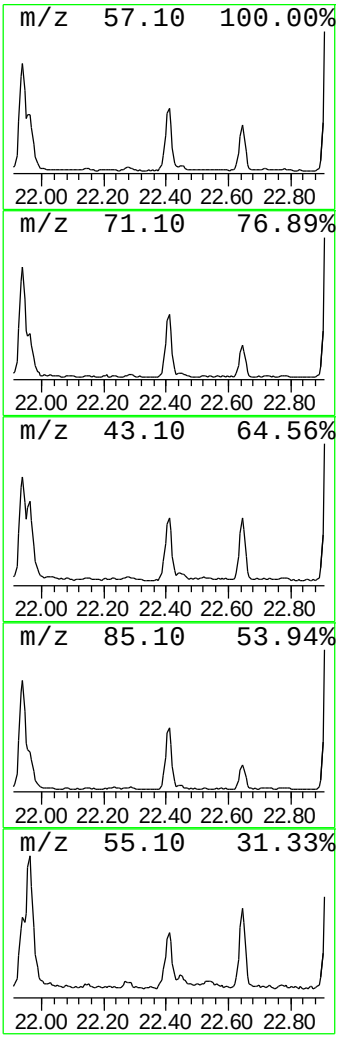
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.32 ng/ul	538764	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane	268	C19H40	000629-92-5	89
4	Heptadecane	240	C17H36	000629-78-7	89
5	Tetratriacontane	479	C34H70	014167-59-0	81





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Instrument : BNA_M
ClientSampleId : C7AC6

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

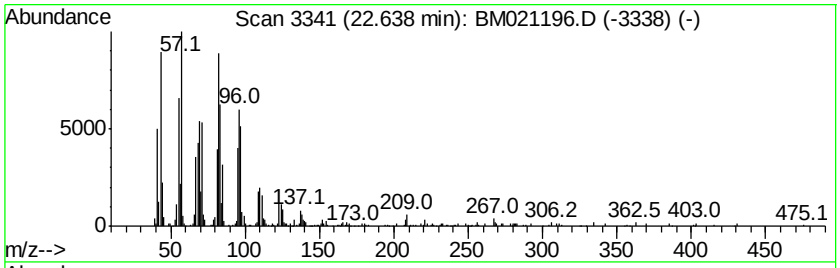
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

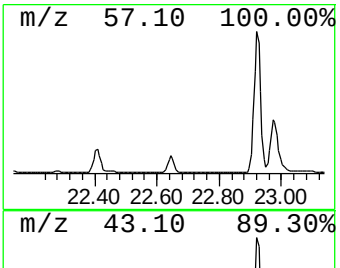
****

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	5.48 ng/ul	714410	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
3	Octadecanal	268	C18H36O	000638-66-4	96
4	Octadecanal	268	C18H36O	000638-66-4	96
5	1,19-Eicosadiene	278	C20H38	014811-95-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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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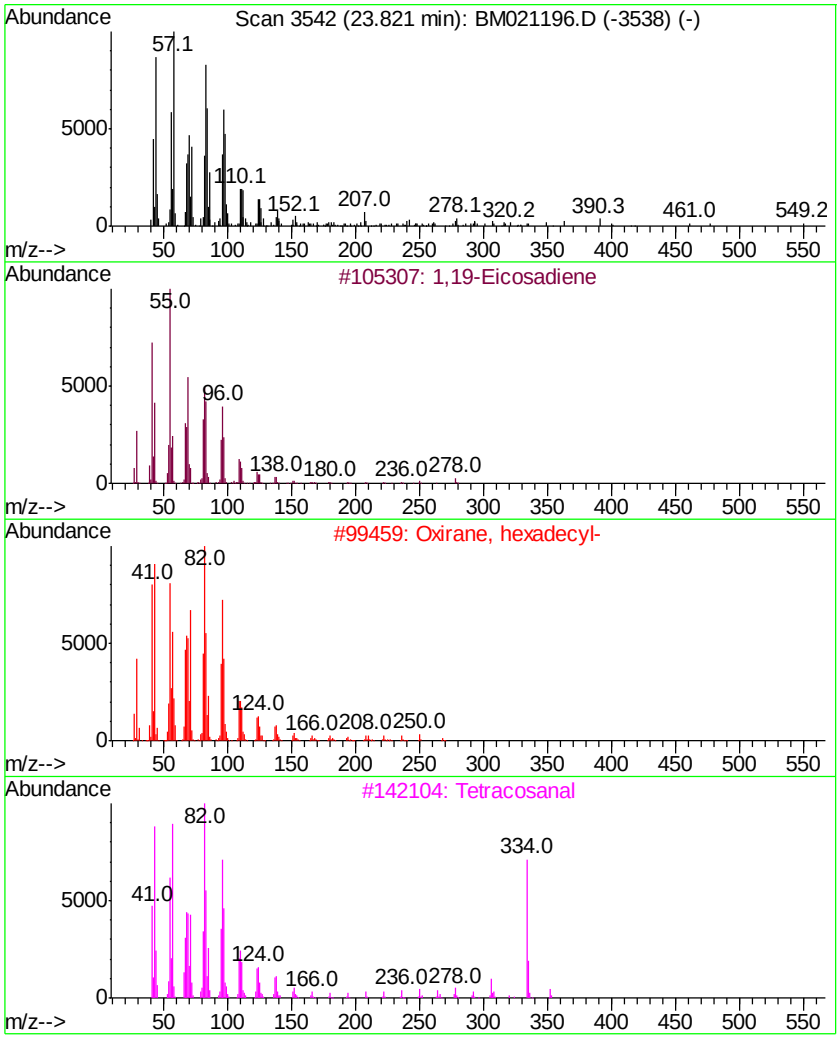
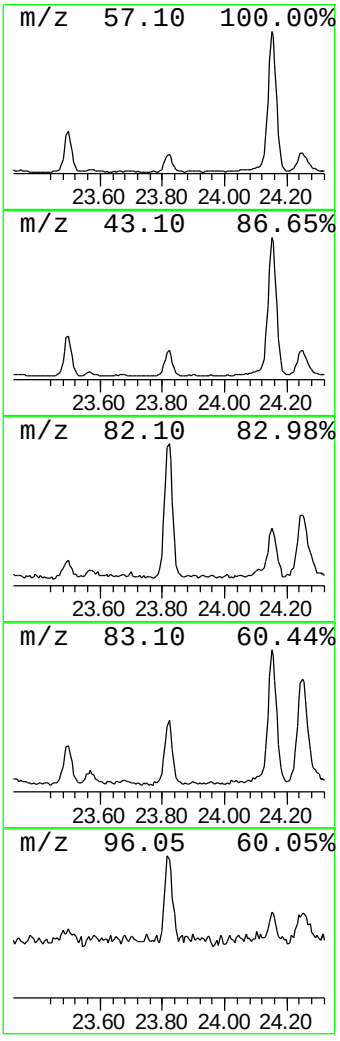
Peak Number 15 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.49 ng/ul	585628	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Tetracosanal	352	C24H48O	057866-08-7	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87





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Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

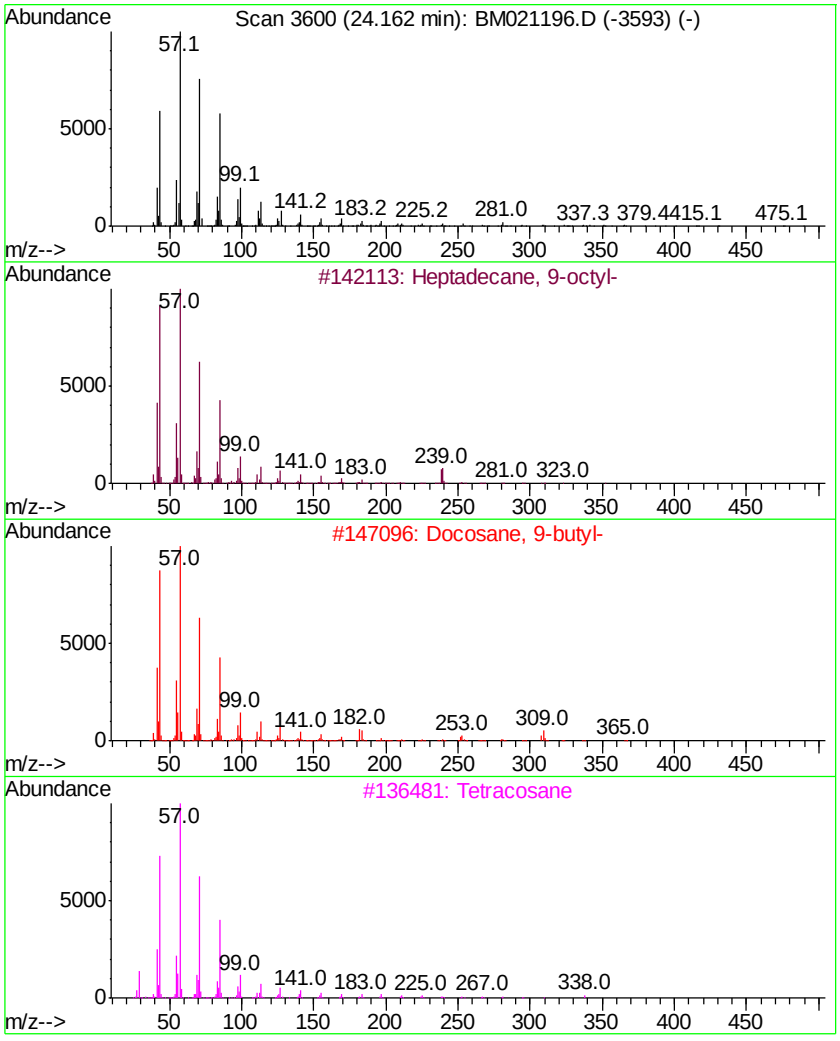
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

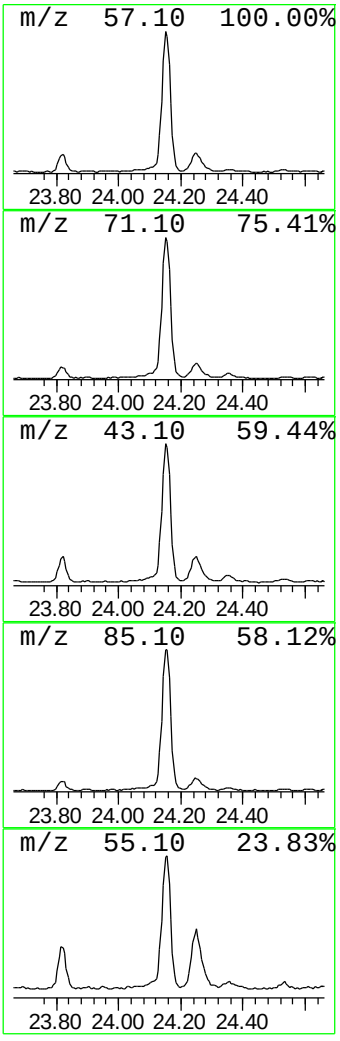
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	18.93 ng/ul	2469120	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Tetracosane	338	C24H50	000646-31-1	93





Library Search Compound Report

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Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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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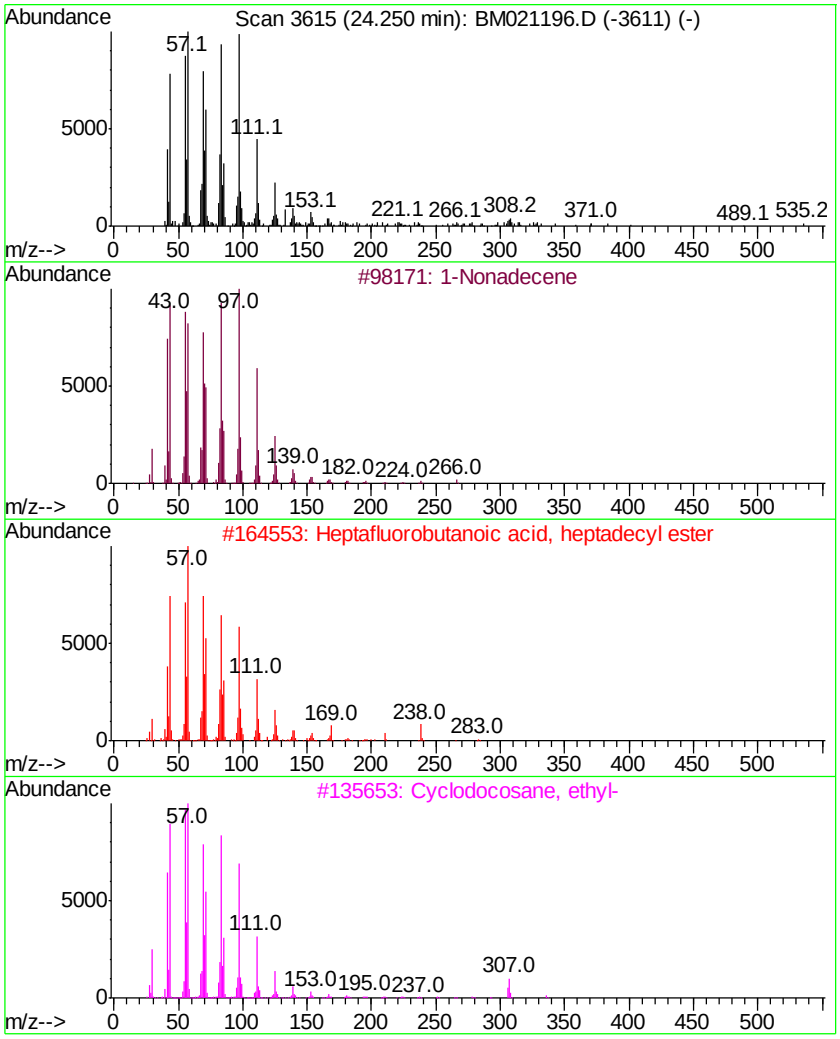
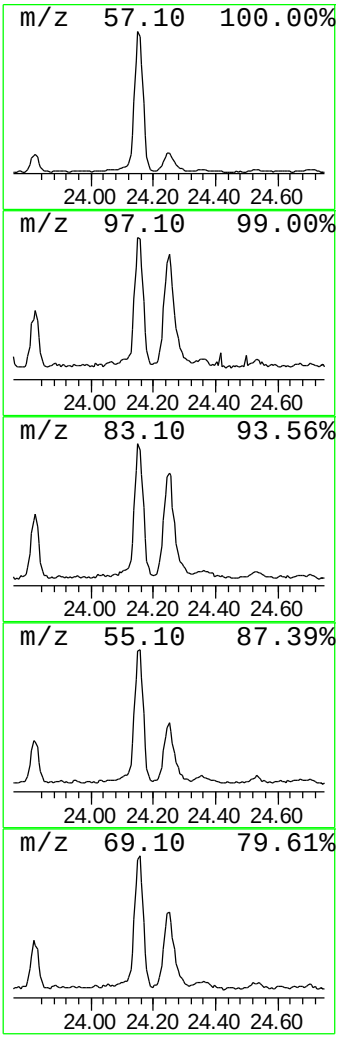
Peak Number 17 (DEL) Alkane: Cyclic24.25 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	5.71 ng/ul	744998	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	74
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	60
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	59





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Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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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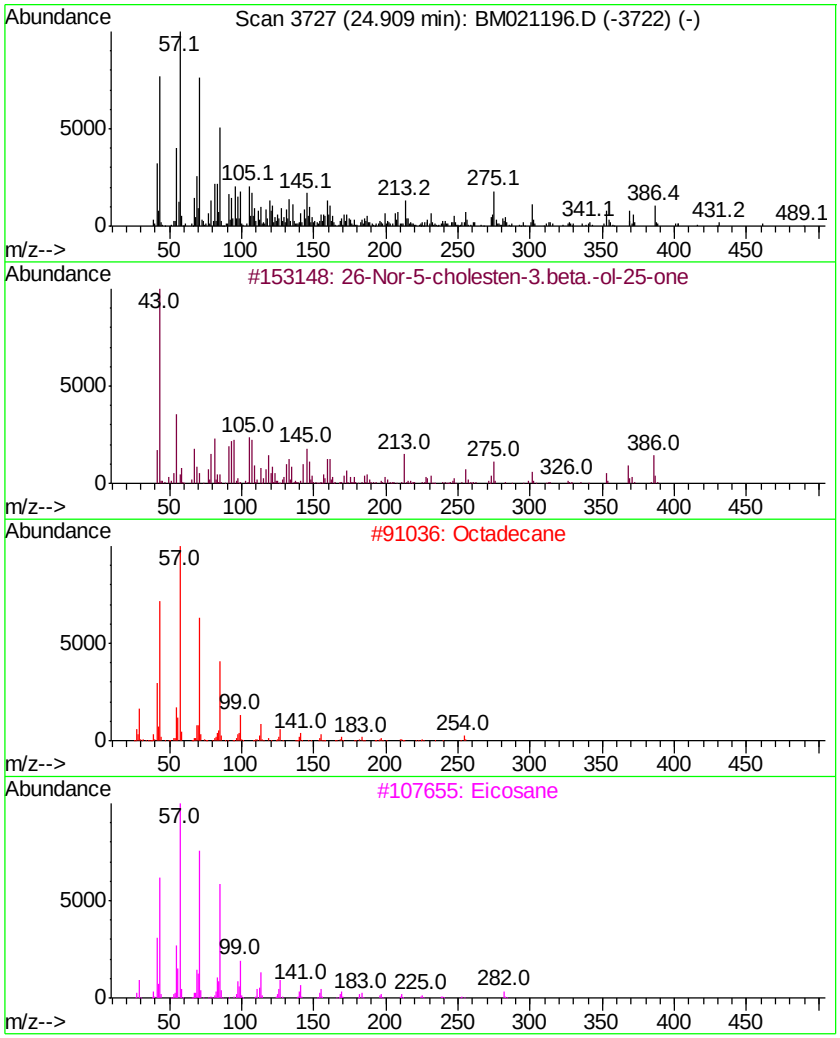
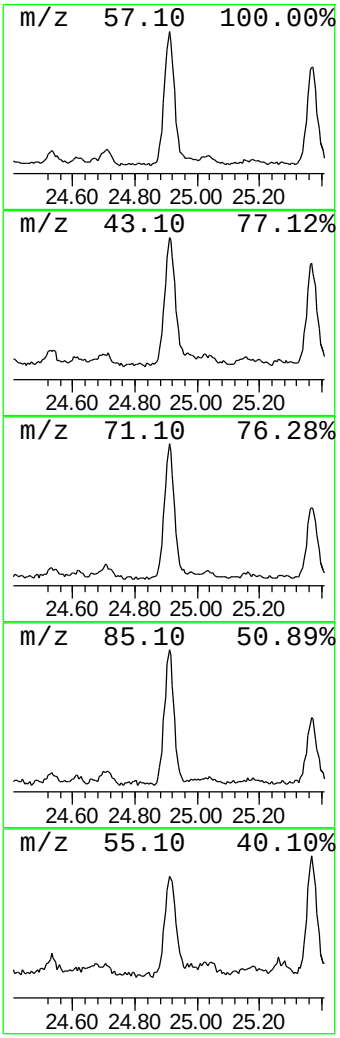
Peak Number 18 26-Nor-5-cholesten-3.beta.-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	8.88 ng/ul	1158120	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Octadecane	254	C18H38	000593-45-3	64
5	Cholesterol	386	C27H46O	000057-88-5	51





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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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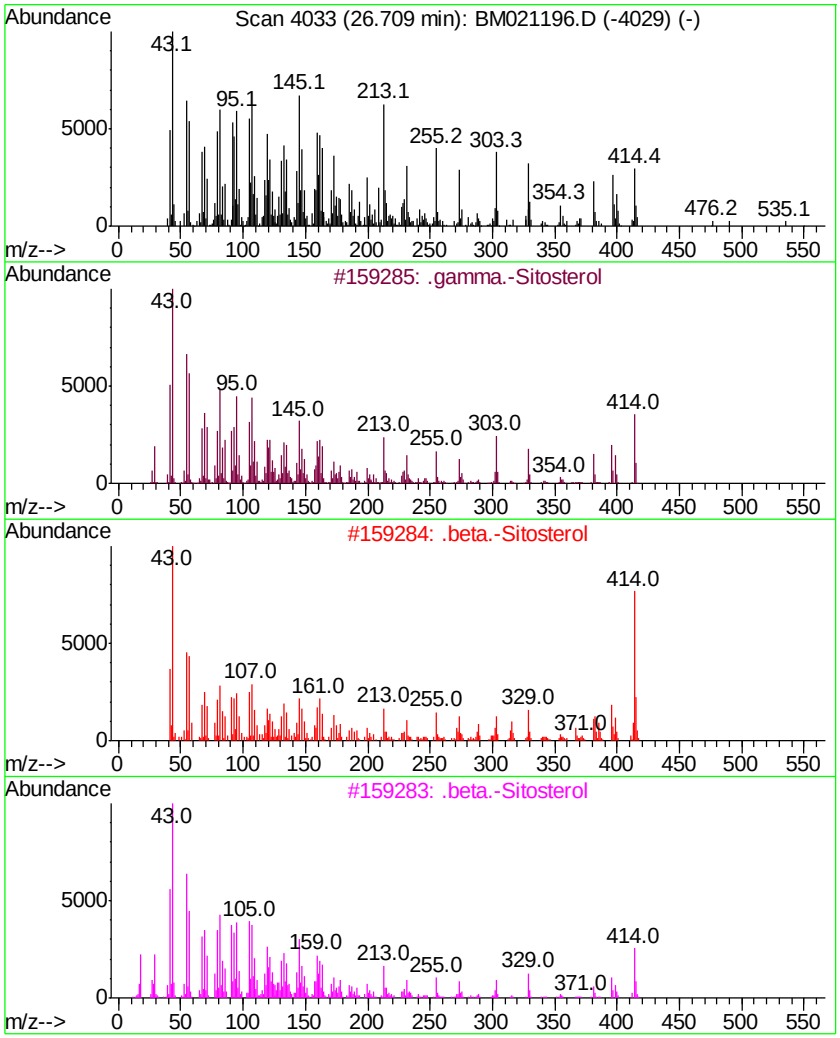
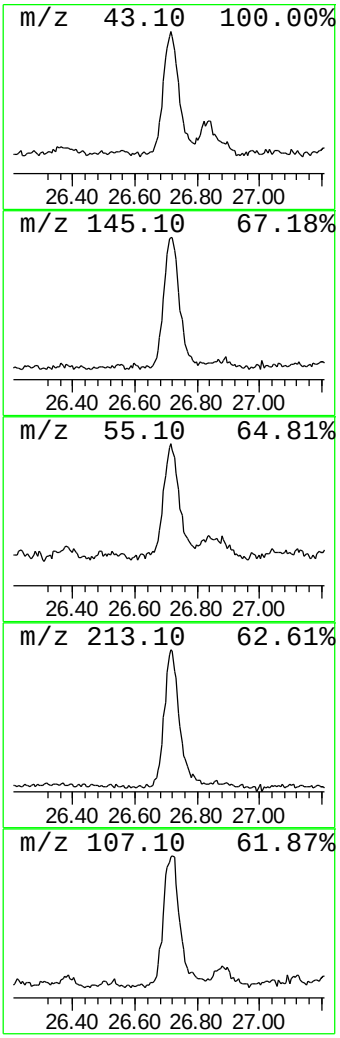
Peak Number 20 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	12.71 ng/ul	1657770	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	70
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	50
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021196.D
Acq On : 26 Jun 2019 17:41
Operator : HP/JU
Sample : K3501-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7AC6

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	86.6	ng/ul	5812100	1	7.77	1342770	20.0
Cyclotrisiloxane,...	4.41	11.1	ng/ul	748096	1	7.77	1342770	20.0
Cyclotetrasiloxan...	6.87	7.4	ng/ul	494806	1	7.77	1342770	20.0
Cyclopentasiloxan...	9.30	3.0	ng/ul	320268	2	10.55	2109370	20.0
Cyclohexasiloxane...	11.79	2.2	ng/ul	234787	2	10.55	2109370	20.0
n-Hexadecanoic acid	18.05	9.3	ng/ul	1572330	4	17.16	3391230	20.0
17-Norkaur-15-ene...	18.36	3.8	ng/ul	644756	4	17.16	3391230	20.0
Octadecanoic acid	19.33	2.8	ng/ul	446125	5	21.35	3242880	20.0
Cinnamyl cinnamate	20.90	4.7	ng/ul	755177	5	21.35	3242880	20.0
Ethanol, 2-(tetra...	21.06	8.4	ng/ul	1368970	5	21.35	3242880	20.0
(DEL) Alkane: Str...	21.94	4.6	ng/ul	741987	5	21.35	3242880	20.0
(DEL) Alkane: Cyc...	21.96	5.5	ng/ul	889644	5	21.35	3242880	20.0
(DEL) Alkane: Str...	22.41	3.3	ng/ul	538764	5	21.35	3242880	20.0
Oxirane, hexadecyl-	22.64	5.5	ng/ul	714410	6	23.63	2609100	20.0
1,19-Eicosadiene	23.82	4.5	ng/ul	585628	6	23.63	2609100	20.0
(DEL) Alkane: Str...	24.16	18.9	ng/ul	2469120	6	23.63	2609100	20.0
(DEL) Alkane: Cyc...	24.25	5.7	ng/ul	744998	6	23.63	2609100	20.0
26-Nor-5-choleste...	24.91	8.9	ng/ul	1158120	6	23.63	2609100	20.0
.gamma.-Sitosterol	26.71	12.7	ng/ul	1657770	6	23.63	2609100	20.0