LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

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-BM102418MA.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	3.105	17	20	24	rVV	28512	34510	0.48%	0.035%
2	3.164	26	30	37	rVV	23852	40215	0.56%	0.041%
3	3.228	37	41	49	rVB	32815	54646	0.76%	0.056%
4	3.740	122	128	133	rBV7	16957	30767	0.43%	0.031%
5	3.834	136	144	147	rBV2	37082	70795	0.98%	0.072%
6	3.864	147	149	156	rVV	55013	76618	1.06%	0.078%
7	3.928	156	160	166	rVB	45582	63004	0.87%	0.064%
8	4.287	218	221	227	rVB6	12951	20960	0.29%	0.021%
9	4.564	263	268	275	rBV	26877	46035	0.64%	0.047%
10	4.822	308	312	319	rBV6	10777	21714	0.30%	0.022%
11	5.146	361	367	374	rBV2	21568	41073	0.57%	0.042%
12	5.752	465	470	474	rBV4	12189	22567	0.31%	0.023%
13	6.681	621	628	637	rBV	77350	141469	1.96%	0.144%
14	6.840	647	655	666	rBV2	698688	1485789	20.55%	1.515%
15	7.005	677	683	693	rVB	594521	913743	12.64%	0.932%
16	7.193	707	715	725	rBV	753452	1174676	16.24%	1.198%
17	7.281	725	730	741	rVB2	49803	103434	1.43%	0.105%
18	7.658	787	794	802	rBV	957242	1514331	20.94%	1.544%
19	7.811	813	820	826	rBV5	12203	22167	0.31%	0.023%
20	8.216	883	889	905	rBV3	34117	94615	1.31%	0.096%
21	8.363	908	914	925	rBV	908591	1486207	20.55%	1.516%
22	8.481	930	934	941	rVB3	10900	18262	0.25%	0.019%
23	8.810	981	990	1000	rBV	723482	1200876	16.61%	1.225%
24	9.005	1013	1023	1028	rBV3	19024	38115	0.53%	0.039%
25	9.216	1055	1059	1063	rVB2	16418	21601	0.30%	0.022%
26	9.522	1104	1111	1119	rBV	577361	977155	13.51%	0.997%
27	9.646	1126	1132	1141	rBV7	18354	44946	0.62%	0.046%
28	9.769	1149	1153	1157	rBV5	10575	17961	0.25%	0.018%
29	10.057	1195	1202	1212	rBV	876437	1545003	21.37%	1.576%
30	10.428	1258	1265	1274	rVB	1379045	2305327	31.88%	2.351%
31	10.575	1281	1290	1304	rBV	542351	1067474	14.76%	1.089%
32	10.846	1332	1336	1340	rBV6	11911	20297	0.28%	0.021%
33	10.999	1353	1362	1366	rBV8	10643	26682	0.37%	0.027%
34	11.240	1399	1403	1407	rBV4	12159	18122	0.25%	0.018%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

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-BM102418MA.M
Title : SVOA CALIBRATION

35	11.357	1415	1423	1429	rBV5	13036	43859	0.61%	0.045%
36	11.628	1464	1469	1478	rBV3	28561	65693	0.91%	0.067%
37	12.022	1532	1536	1542	rVB2	16838	27678	0.38%	0.028%
38	12.863	1674	1679	1685	rBV2	48542	86903	1.20%	0.089%
39	12.934	1687	1691	1697	rVB3	20285	34787	0.48%	0.035%
40	13.040	1703	1709	1714	rBV7	16086	32044	0.44%	0.033%
41	13.716	1816	1824	1829	rBV	1907110	2596067	35.90%	2.648%
42	13.763	1829	1832	1838	rVB	254424	344205	4.76%	0.351%
43	13.987	1860	1870	1883	rBV	2005534	3011940	41.65%	3.072%
44	14.298	1916	1923	1932	rBV2	2024190	3166924	43.80%	3.230%
45	14.522	1955	1961	1978	rBV	525470	1180686	16.33%	1.204%
46	14.634	1978	1980	1984	rVV4	21898	33721	0.47%	0.034%
47	14.675	1984	1987	1993	rVV5	20259	37647	0.52%	0.038%
48	14.734	1993	1997	2005	rVB5	34687	59472	0.82%	0.061%
49	14.898	2019	2025	2029	rBV	63238	90949	1.26%	0.093%
50	15.298	2086	2093	2105	rBV	2725492	3892940	53.84%	3.970%
51	15.422	2109	2114	2124	rBV	829628	1148622	15.88%	1.171%
52	15.534	2129	2133	2139	rVB2	34002	54256	0.75%	0.055%
53	16.016	2212	2215	2220	rVB5	21376	36591	0.51%	0.037%
54	16.304	2260	2264	2270	rVB9	8440	16312	0.23%	0.017%
55	16.463	2286	2291	2299	rBV	170294	247095	3.42%	0.252%
56	16.598	2309	2314	2326	rVB	17313	50432	0.70%	0.051%
57	16.839	2348	2355	2358	rVB3	13540	26738	0.37%	0.027%
58	17.051	2384	2391	2400	rBV	2793262	3988000	55.15%	4.067%
59	17.151	2400	2408	2417	rVV	3019953	4417361	61.09%	4.505%
60	17.233	2418	2422	2430	rVV3	68411	109297	1.51%	0.111%
61	17.557	2474	2477	2481	rBV4	11762	16400	0.23%	0.017%
62	17.839	2518	2525	2535	rBV2	184757	369160	5.11%	0.376%
63	17.969	2539	2547	2565	rBV	5102223	7231096	100.00%	7.374%
64	18.251	2592	2595	2600	rVB5	21327	27442	0.38%	0.028%
65	18.357	2609	2613	2615	rBV4	15480	20396	0.28%	0.021%
66	18.386	2615	2618	2624	rVV6	33719	44868	0.62%	0.046%
67	18.504	2635	2638	2647	rVB8	22659	42970	0.59%	0.044%
68	18.627	2655	2659	2666	rBV	129152	177754	2.46%	0.181%
69	18.886	2700	2703	2707	rBV	43486	55358	0.77%	0.056%
70	18.986	2718	2720	2723	rBV4	19884	18993	0.26%	0.019%
71	19.069	2729	2734	2736	rBV2	147928	220714	3.05%	0.225%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

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-BM102418MA.M
Title : SVOA CALIBRATION

72	19.098	2736	2739	2741	rVV	353802	475110	6.57%	0.485%
73	19.133	2741	2745	2760	rVV2	1065356	2456165	33.97%	2.505%
74	19.245	2760	2764	2776	rVB	1002665	1342502	18.57%	1.369%
75	19.451	2793	2799	2806	rBV	3915814	5410160	74.82%	5.517%
76	19.510	2806	2809	2815	rVB	115756	132974	1.84%	0.136%
77	19.686	2837	2839	2846	rVB	46504	58257	0.81%	0.059%
78	20.010	2890	2894	2898	rVB	175110	189611	2.62%	0.193%
79	20.063	2899	2903	2906	rBV2	99439	143533	1.98%	0.146%
80	20.098	2906	2909	2915	rVV	405163	557191	7.71%	0.568%
81	20.163	2917	2920	2925	rVV3	128508	207687	2.87%	0.212%
82	20.227	2927	2931	2933	rVV	215763	273070	3.78%	0.278%
83	20.257	2933	2936	2942	rVB2	208599	307414	4.25%	0.314%
84	20.374	2953	2956	2957	rBV3	82119	82894	1.15%	0.085%
85	20.510	2975	2979	2982	rBV2	346072	388379	5.37%	0.396%
86	20.974	3053	3058	3063	rBV	689326	841706	11.64%	0.858%
87	21.033	3064	3068	3077	rBV2	375967	694447	9.60%	0.708%
88	21.169	3089	3091	3097	rVB2	80910	82029	1.13%	0.084%
89	21.245	3099	3104	3111	rVV	4346949	5412169	74.85%	5.519%
90	21.410	3128	3132	3135	rBV	720776	786877	10.88%	0.802%
91	21.839	3201	3205	3209	rBV	770852	902531	12.48%	0.920%
92	22.298	3278	3283	3292	rBV	901042	1212245	16.76%	1.236%
93	22.792	3363	3367	3373	rBV	920874	1303531	18.03%	1.329%
94	23.315	3449	3456	3461	rBV	3476057	6875035	95.08%	7.011%
95	23.457	3473	3480	3492	rBV	3322068	6556809	90.68%	6.687%
96	23.986	3564	3570	3577	rVB	711739	1338041	18.50%	1.365%
97	24.398	3635	3640	3651	rVB6	510752	1165294	16.12%	1.188%
98	24.704	3685	3692	3706	rBV2	2544687	6187705	85.57%	6.310%
99	25.039	3742	3749	3766	rVB4	851856	2516474	34.80%	2.566%
100	25.556	3830	3837	3857	rVB7	529081	2369115	32.76%	2.416%

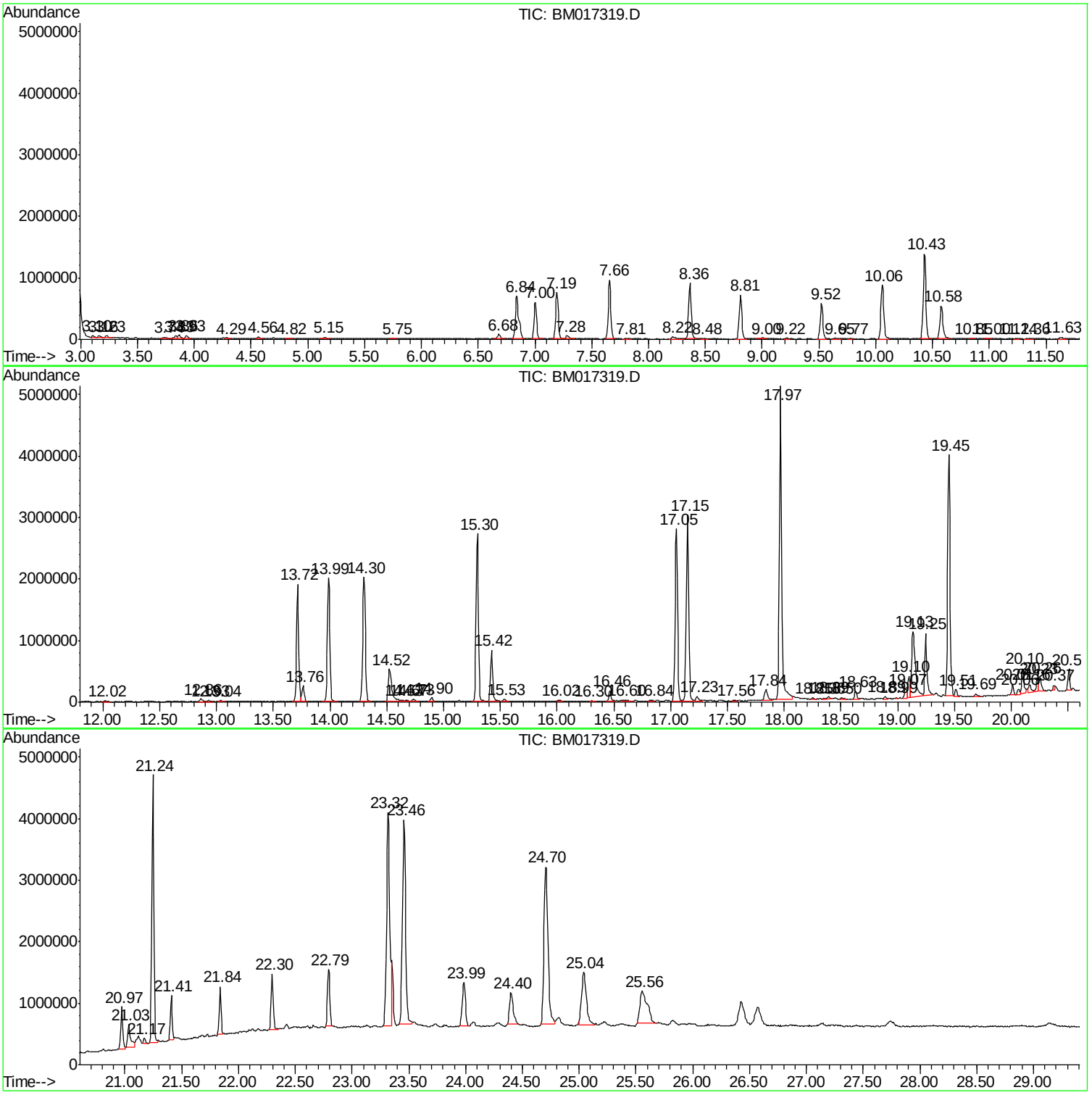
Sum of corrected areas: 98055481

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

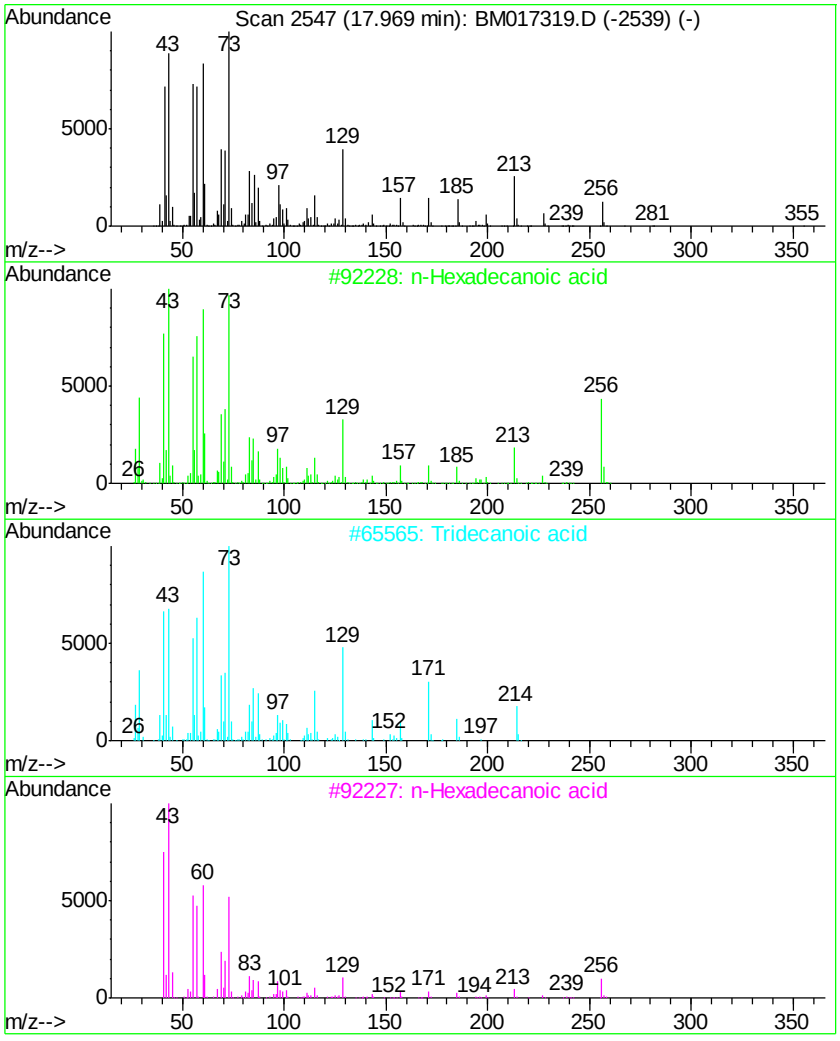
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

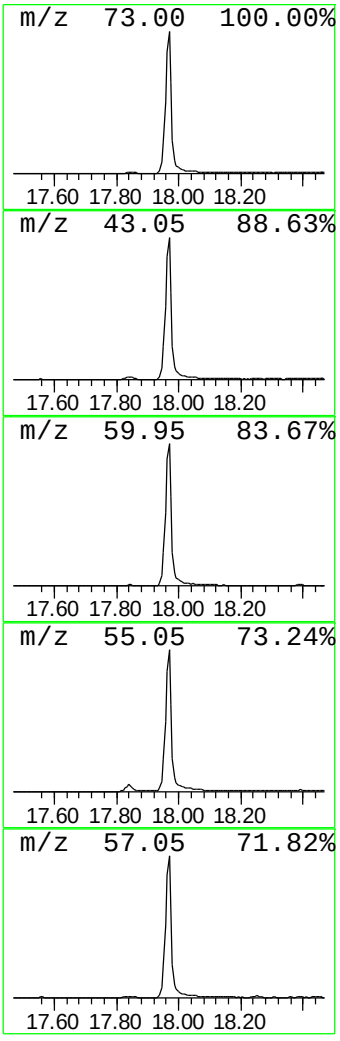
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	36.26 ng/ul	7231100	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

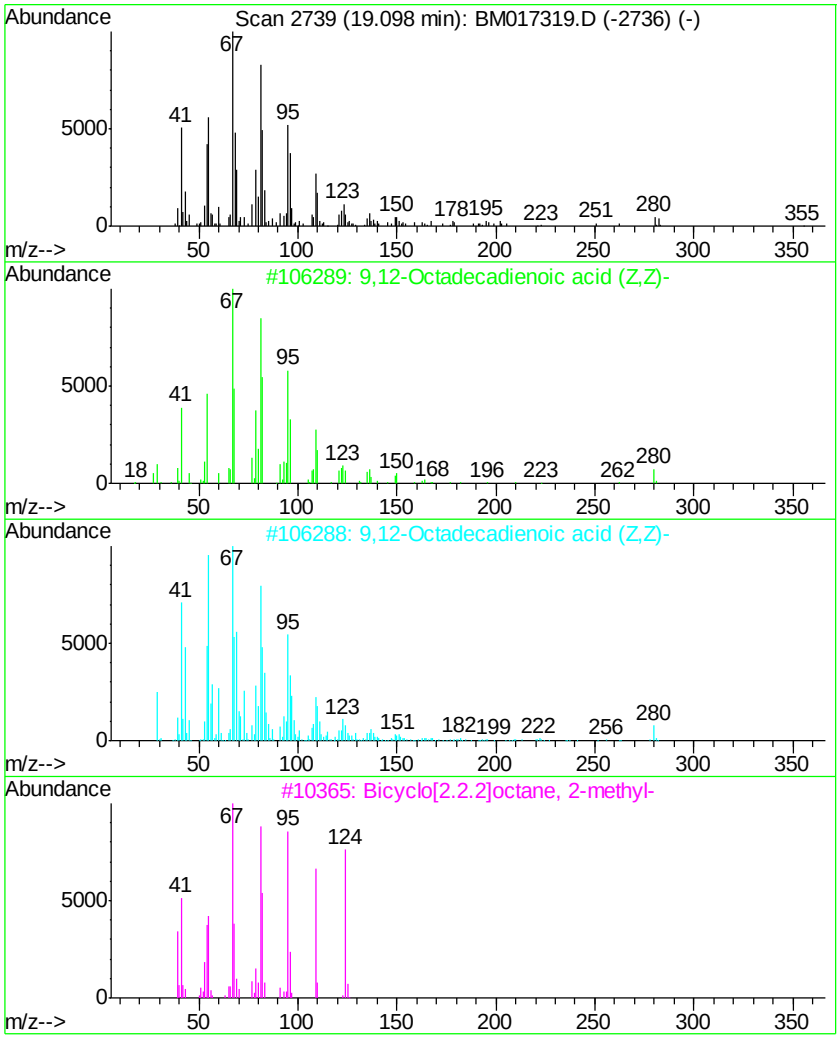
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

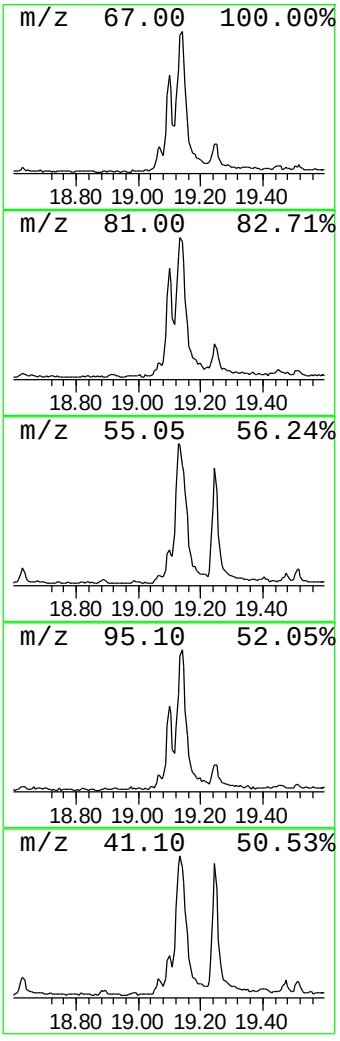
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.38 ng/ul	475110	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	91
4	Cyclodecene	138	C10H18	003618-12-0	90
5	cis-7-Dodecen-1-ol	184	C12H24O	020056-92-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

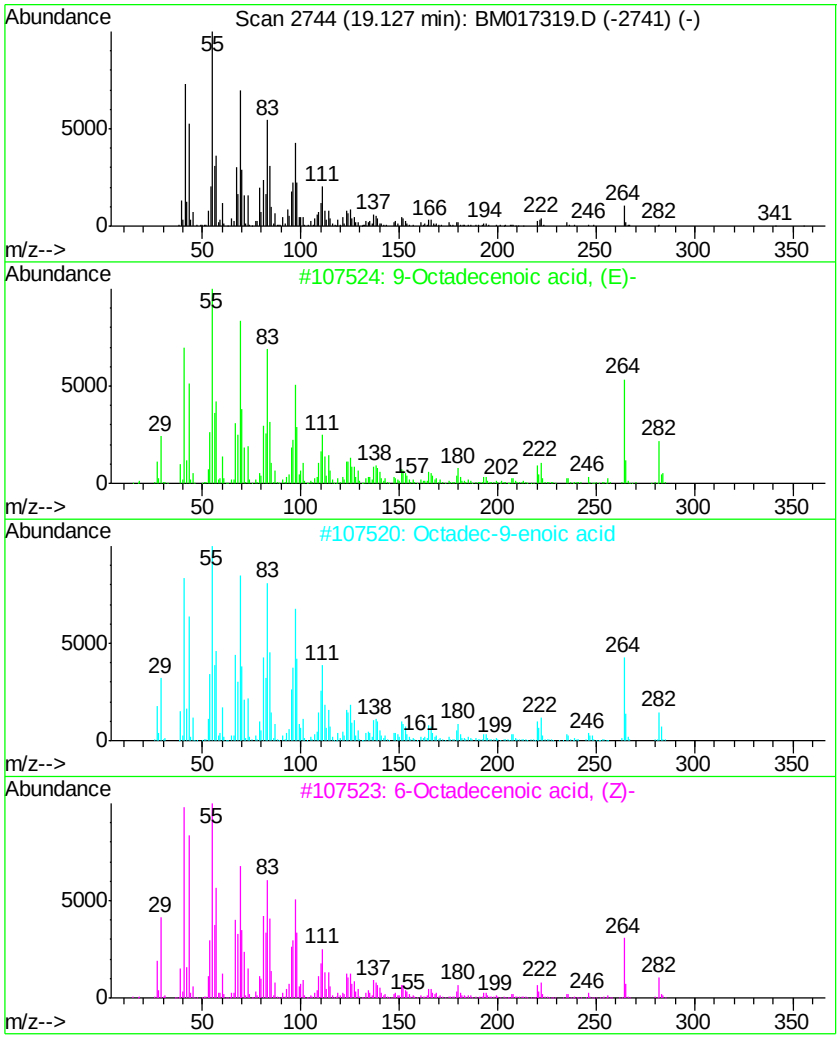
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

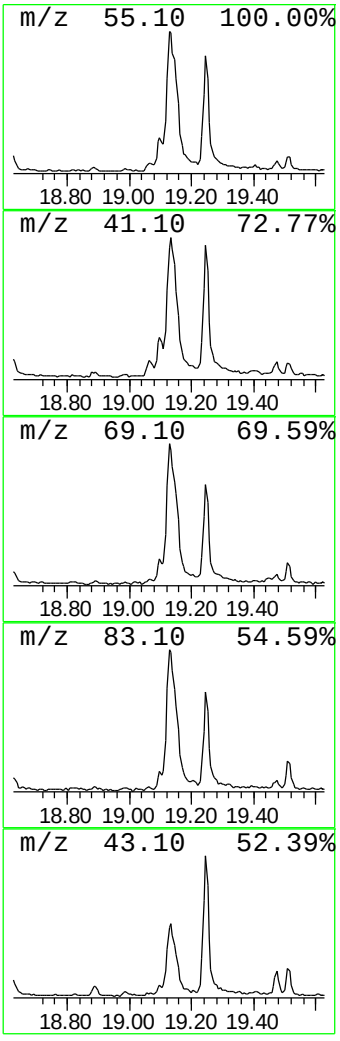
****

Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	12.32 ng/ul	2456170	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	78
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	68
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	62
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	49
5	Cyclopentadecane	210	C15H30	000295-48-7	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

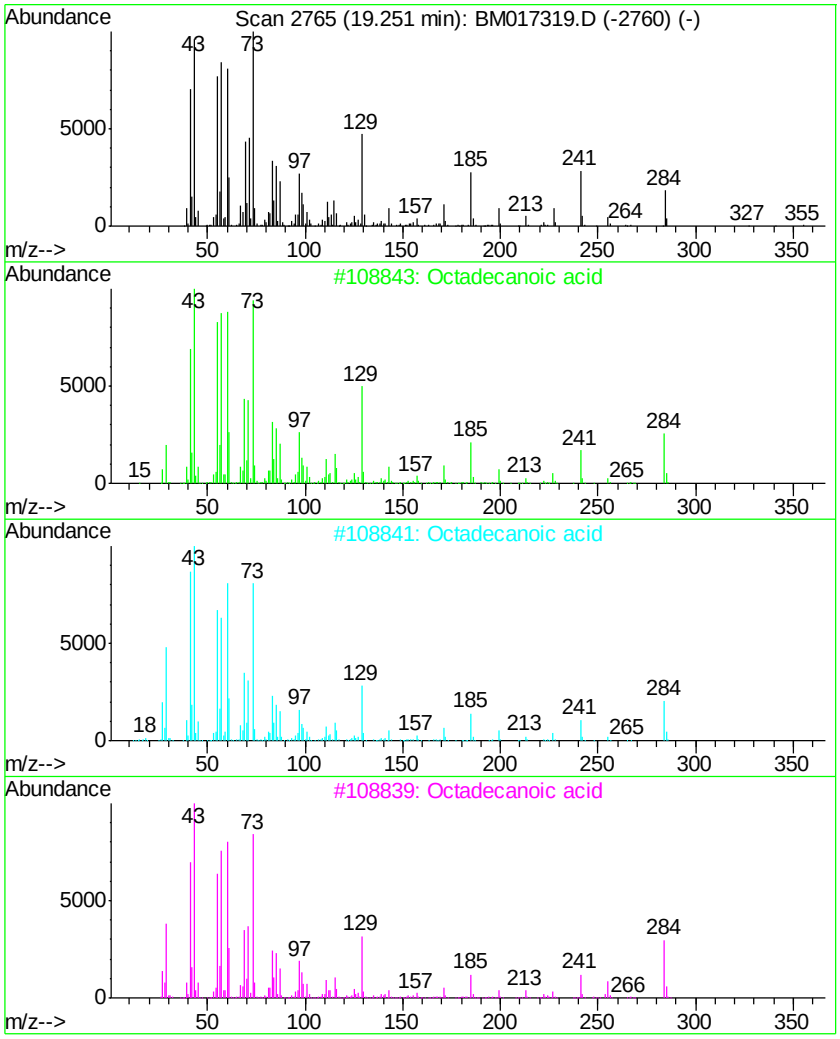
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

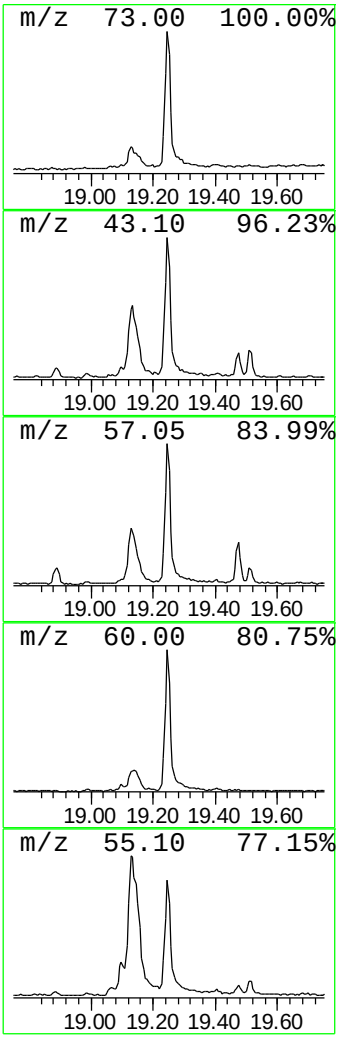
****

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	4.96 ng/ul	1342500	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

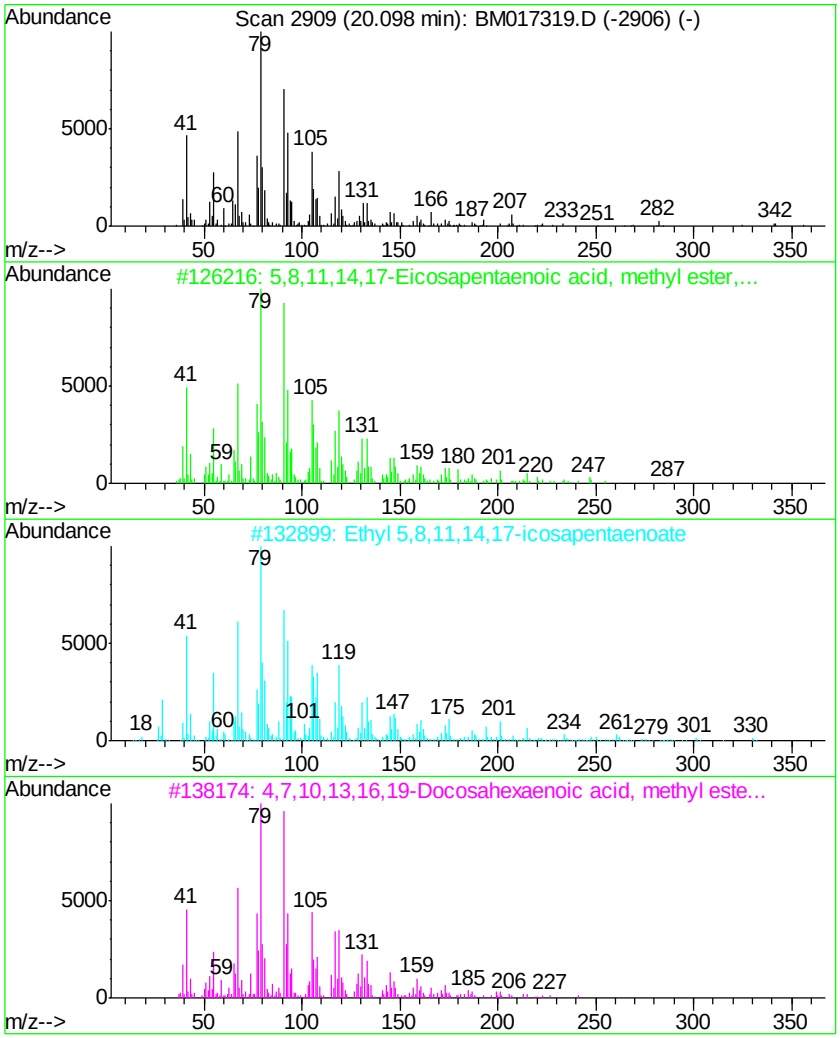
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

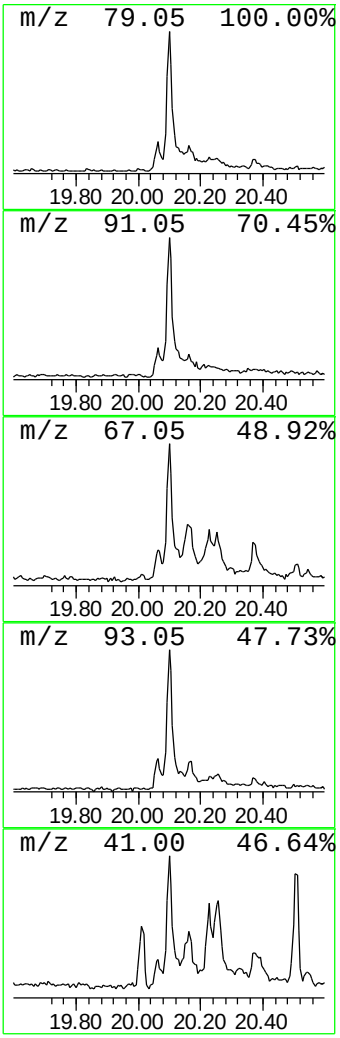
****

Peak Number 5 5,8,11,14,17-Eicosapentaeno... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.06 ng/ul	557191	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	87
2	Ethyl 5,8,11,14,17-icosapentaenoate	330	C22H34O2	084494-70-2	62
3	4,7,10,13,16,19-Docosahexaenoic ...	342	C23H34O2	002566-90-7	58
4	Cyclohexene, 3-ethenyl-	108	C8H12	000766-03-0	53
5	Cyclohexane, 1,2,4-triethenyl-	162	C12H18	002855-27-8	53





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Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

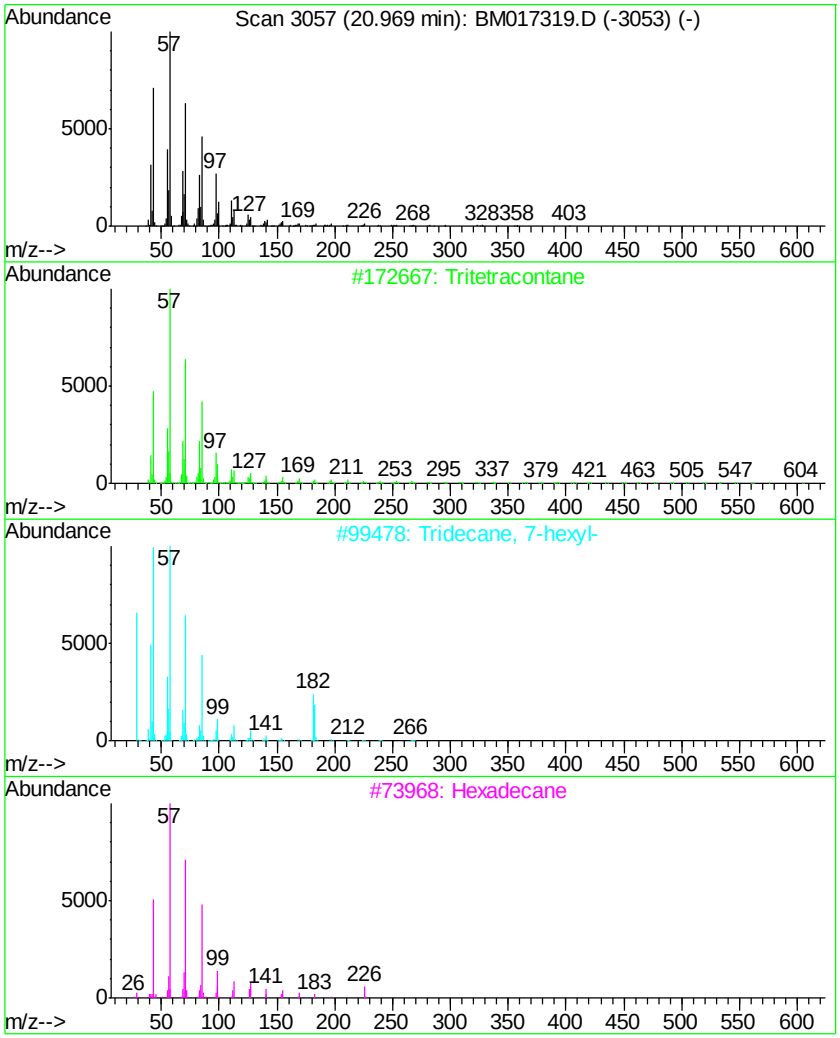
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

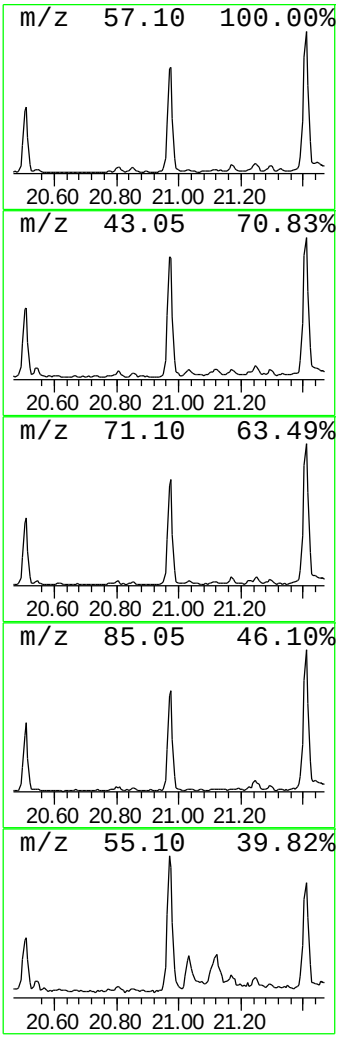
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.11 ng/ul	841706	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	87
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	70
3	Hexadecane	226	C16H34	000544-76-3	70
4	Eicosane	282	C20H42	000112-95-8	68
5	Pentadecane	212	C15H32	000629-62-9	62





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Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

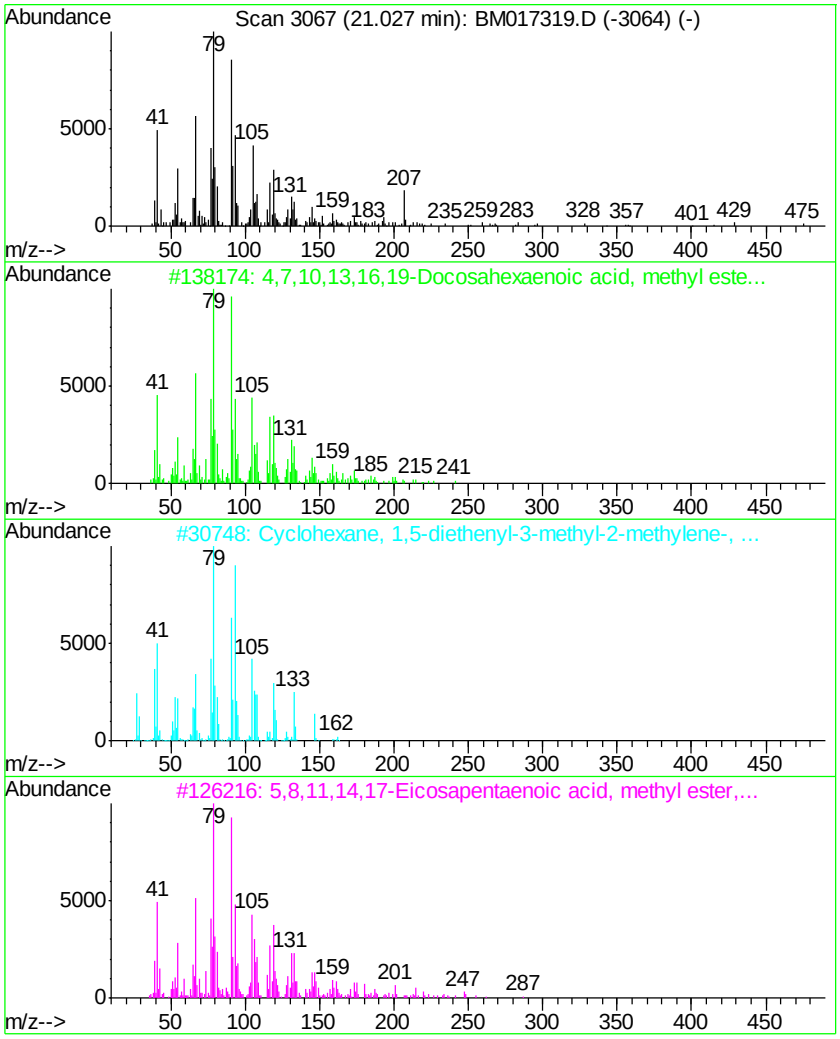
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

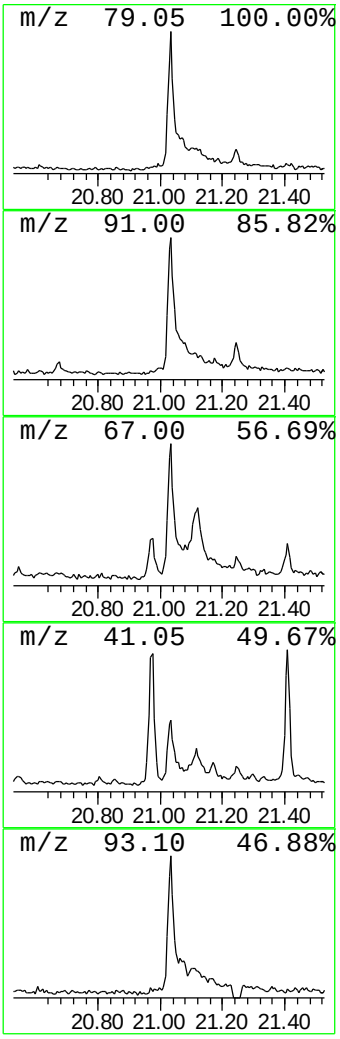
****

Peak Number 7 4,7,10,13,16,19-Docosahexae... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.57 ng/ul	694447	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7,10,13,16,19-Docosahexaenoic ...	342	C23H34O2	002566-90-7	93
2	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	83
3	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	53
4	1,4-Pentadiene, 3-ethenyl-	94	C7H10	026456-63-3	35
5	Bicyclo[3.1.1]hept-2-ene-2-metha...	152	C10H16O	000515-00-4	35





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Operator : MJ/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AJ1

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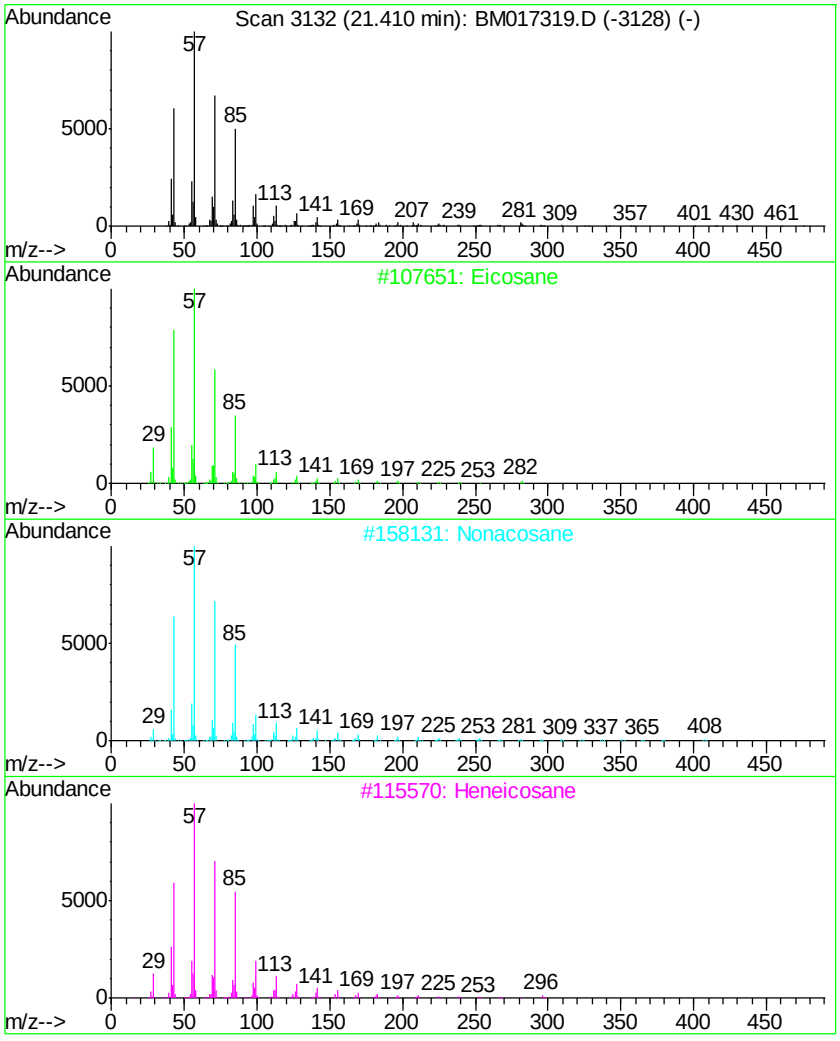
Quant Title : SVOA CALIBRATION

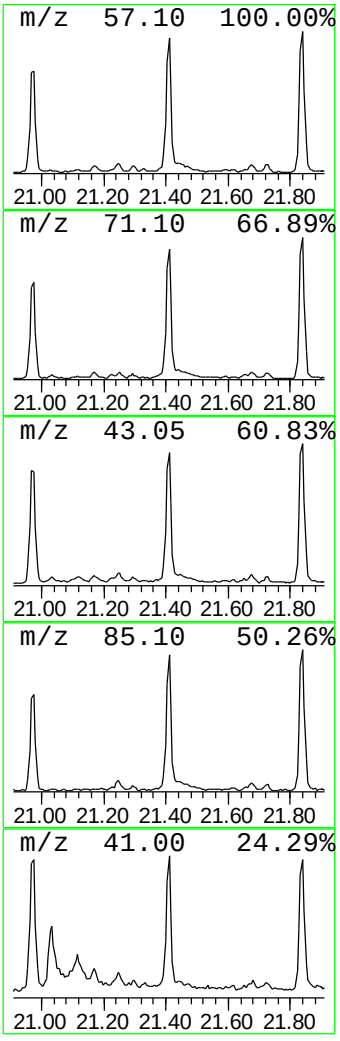
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.91 ng/ul	786877	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Nonacosane	408	C29H60	000630-03-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

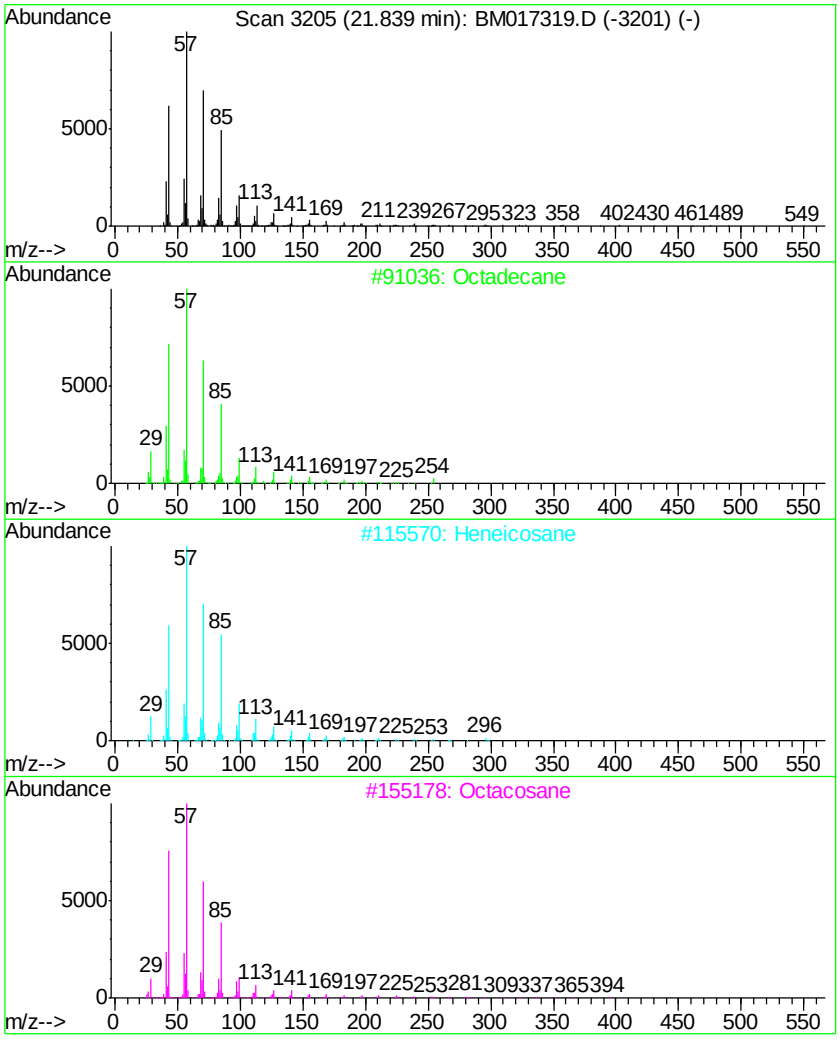
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

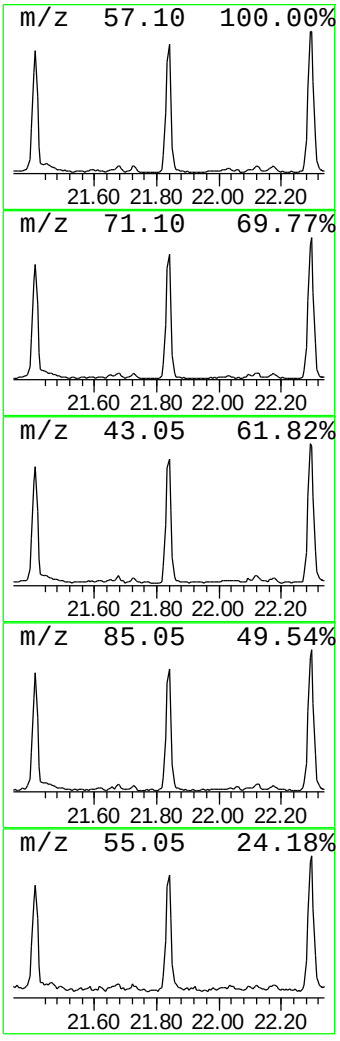
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.34 ng/ul	902531	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





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Data File : BM017319.D
Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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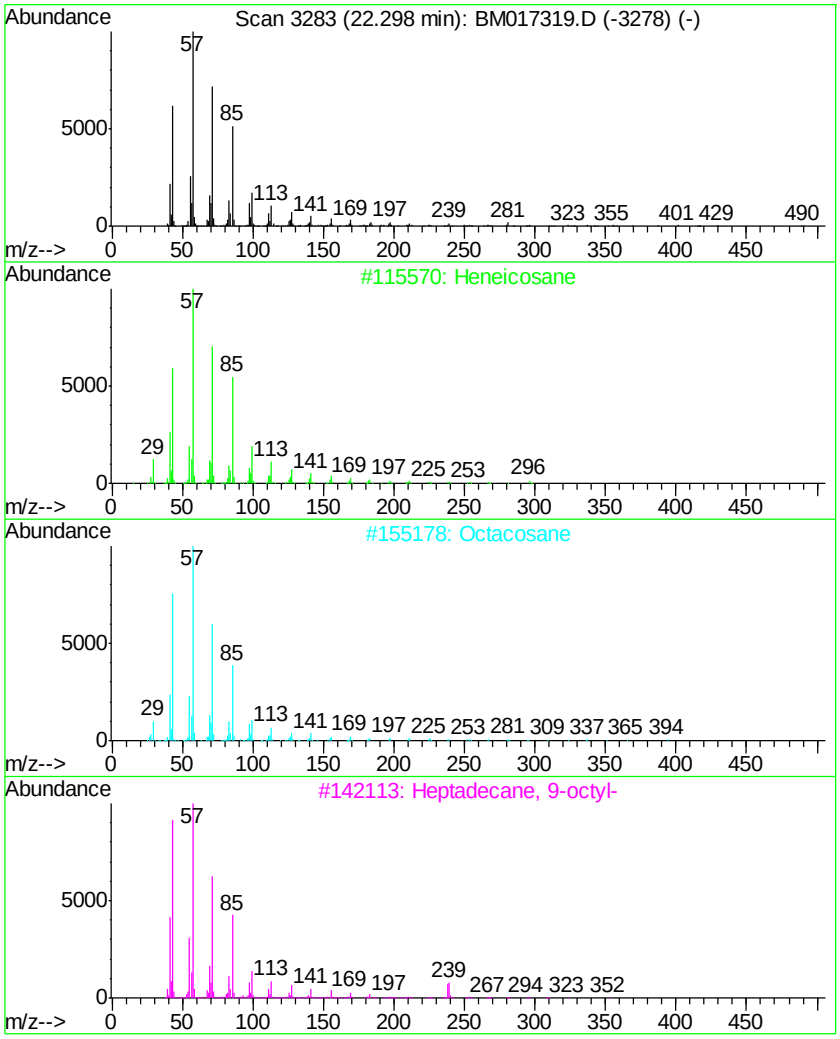
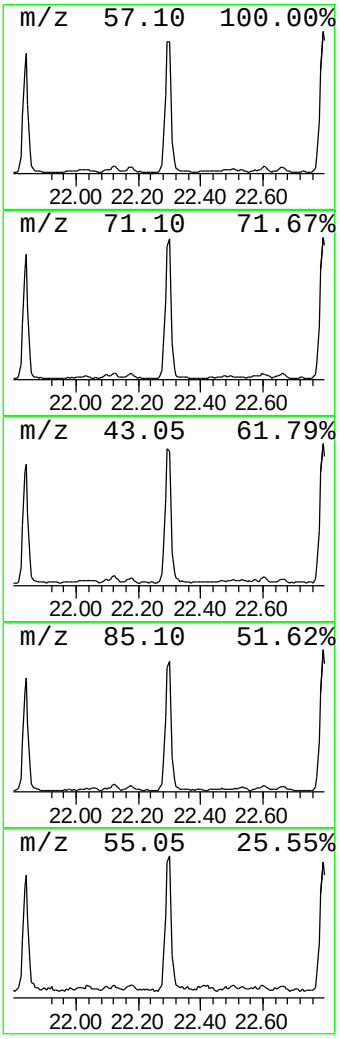
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.48 ng/ul	1212250	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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Acq On : 24 Oct 2018 16:12
Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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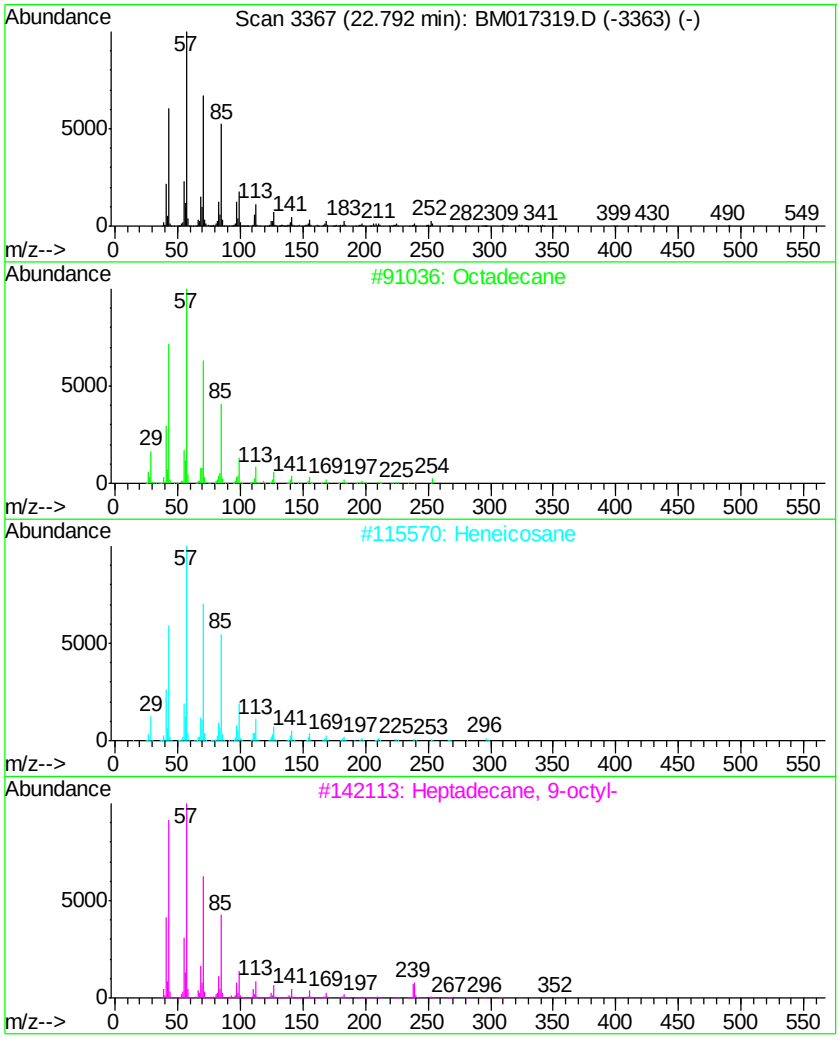
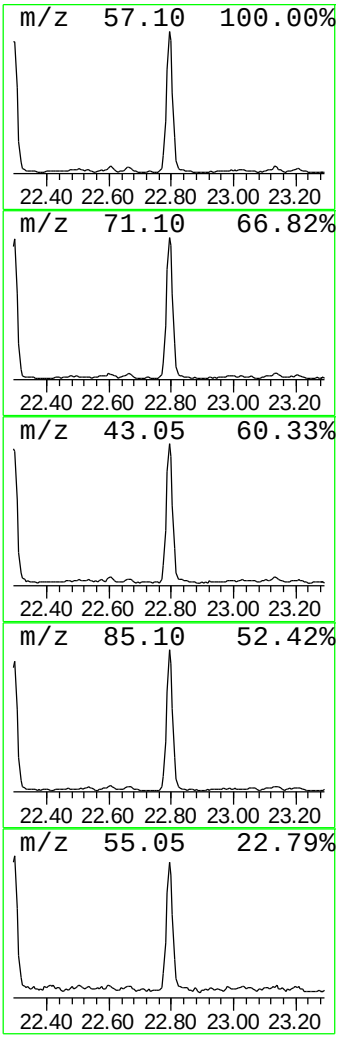
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.98 ng/ul	1303530	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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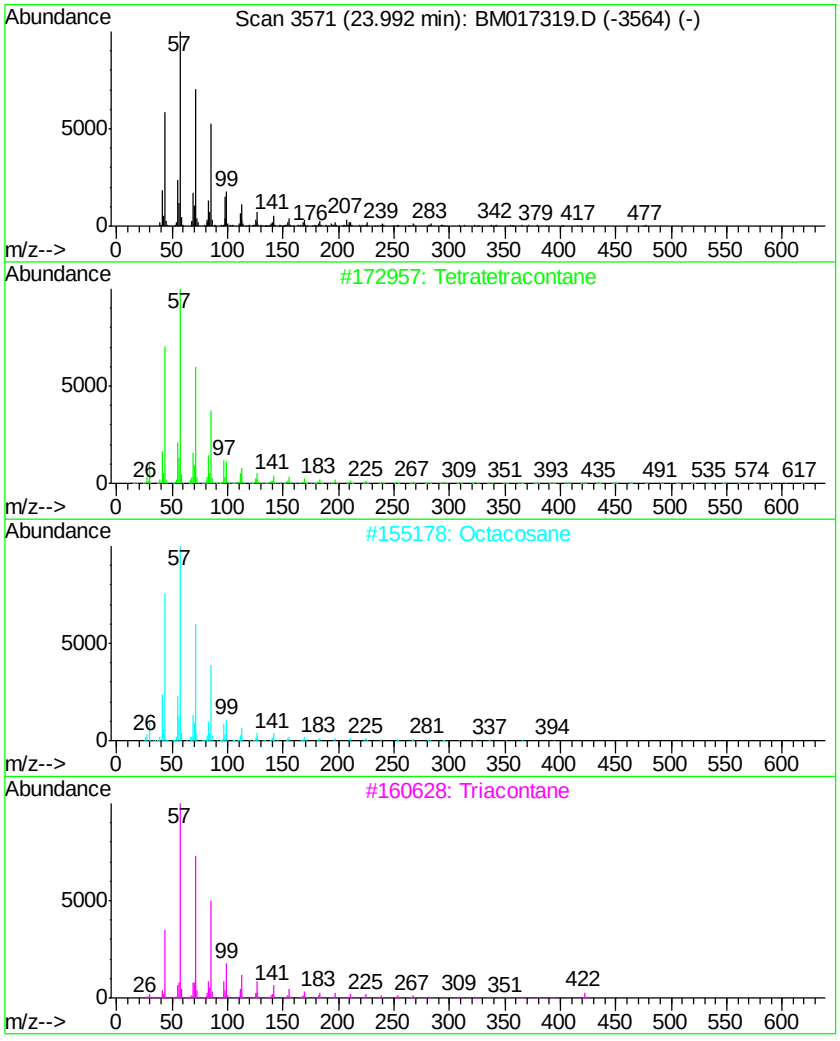
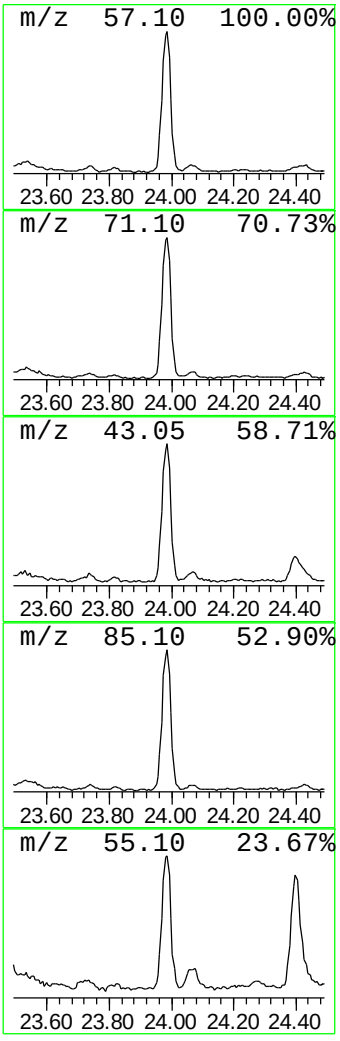
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.08 ng/ul	1338040	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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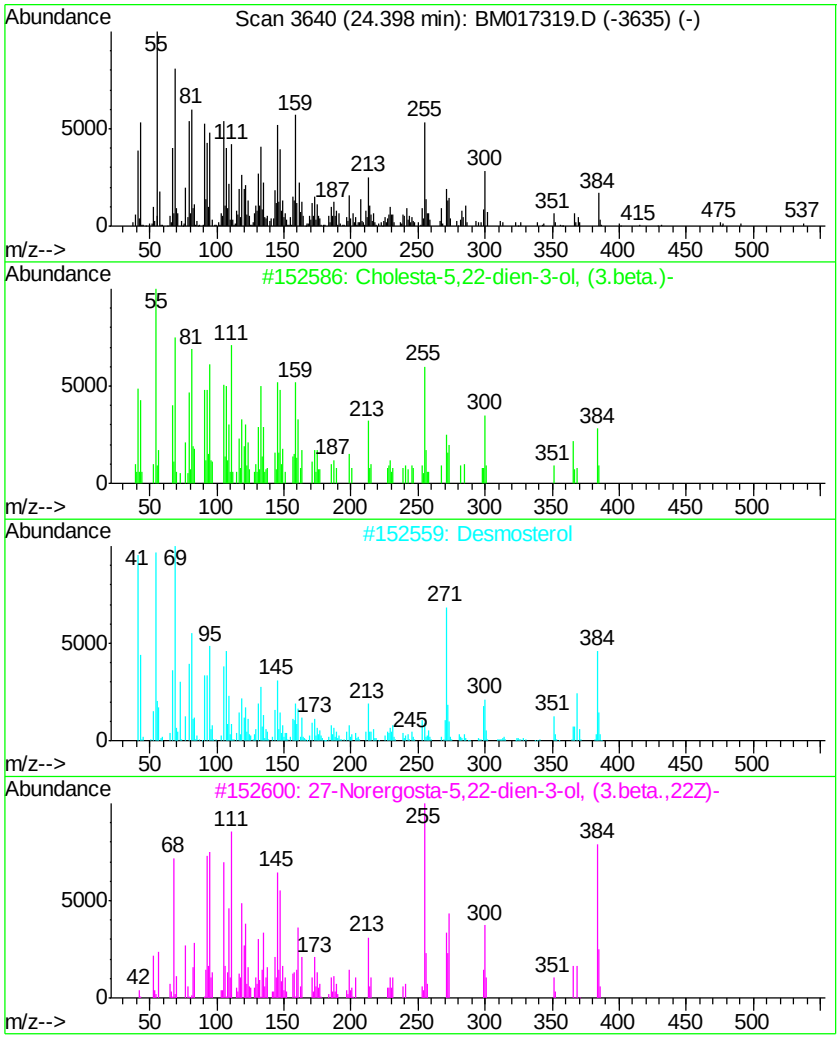
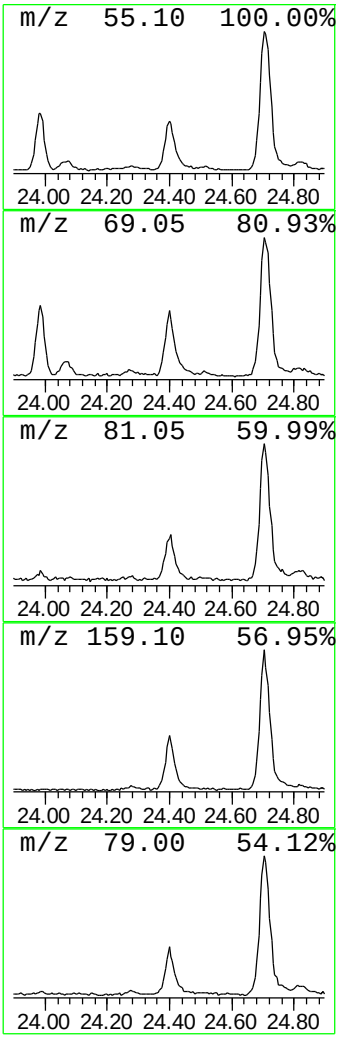
Peak Number 13 Cholesta-5,22-dien-3-ol, (3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.40	3.55 ng/ul	1165290	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesta-5,22-dien-3-ol, (3.beta.)-	384	C27H44O	034347-28-9	95
2	Desmosterol	384	C27H44O	000313-04-2	38
3	27-Norergosta-5,22-dien-3-ol, (3...	384	C27H44O	058072-43-8	38
4	Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	18
5	Ergost-22-en-3-ol, (3.beta.,5.al...	400	C28H48O	036422-25-0	16





Library Search Compound Report

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Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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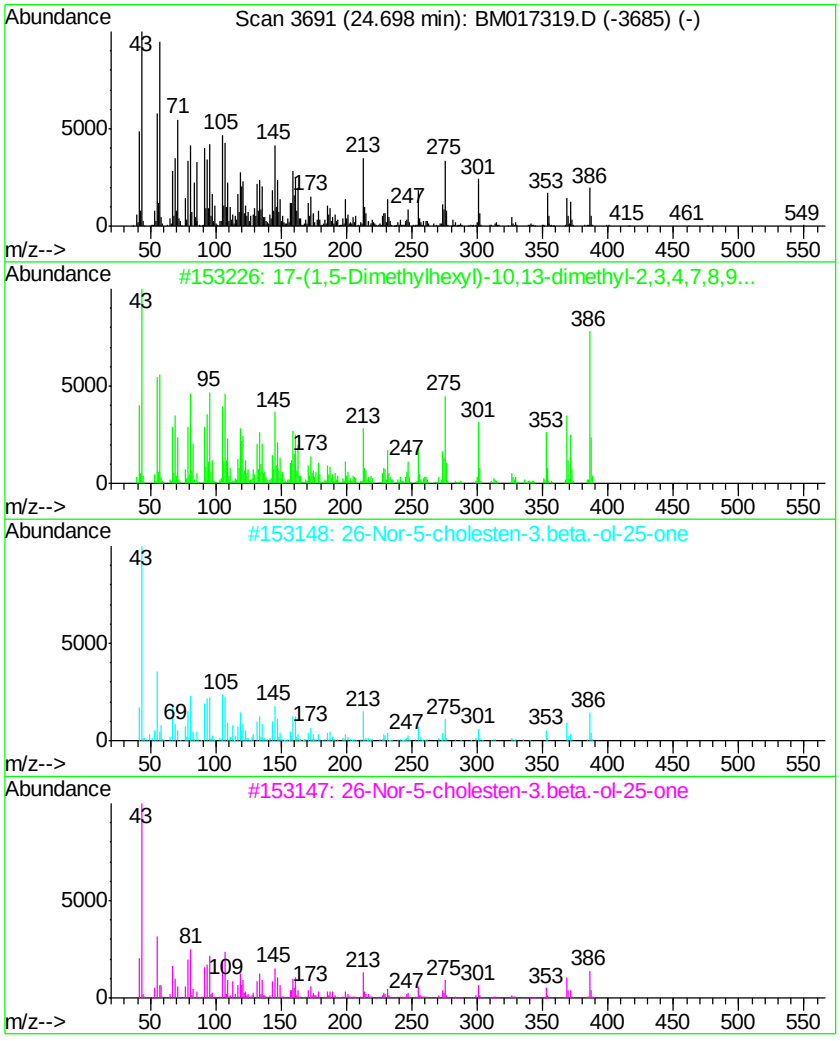
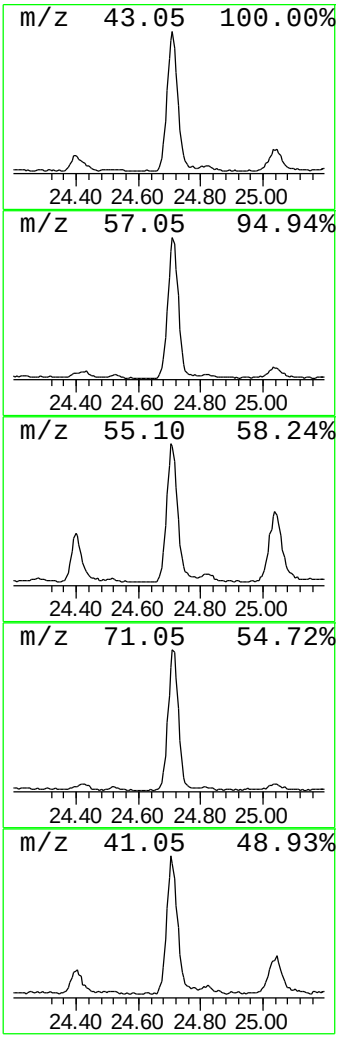
Peak Number 14 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	18.87 ng/ul	6187710	Perylene-d12	23.46

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	99
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
4	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	74
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	55





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Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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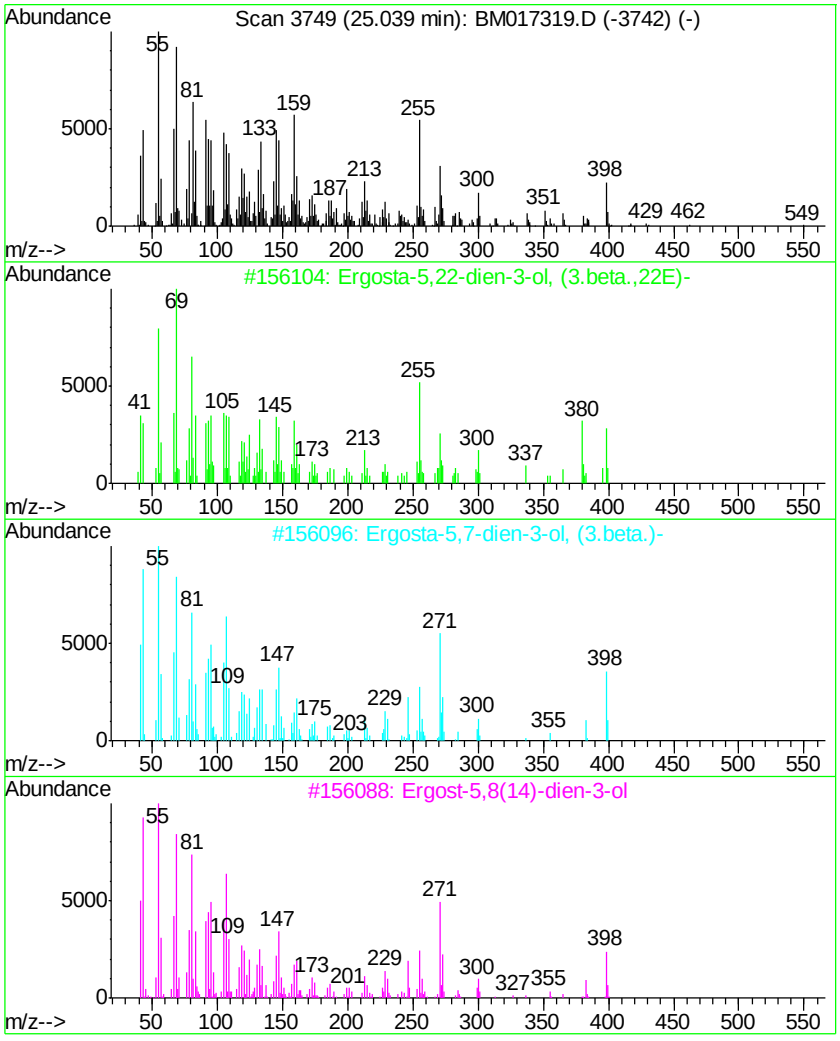
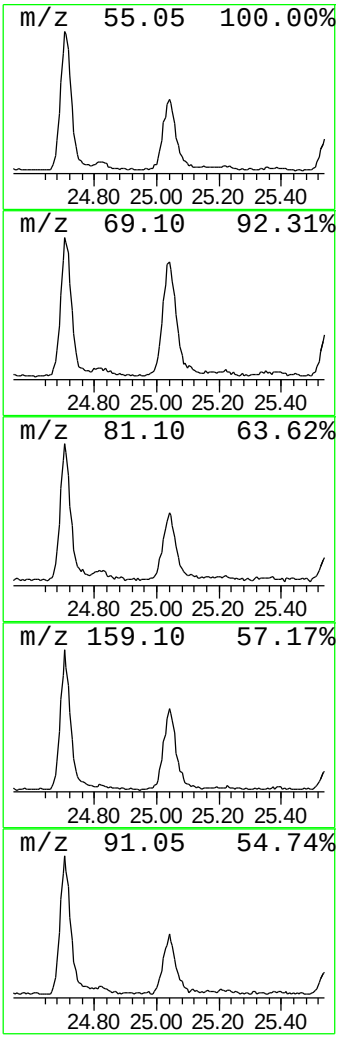
Peak Number 15 Ergosta-5,22-dien-3-ol, (3.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	7.68 ng/ul	2516470	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	000474-67-9	83
2	Ergosta-5,7-dien-3-ol, (3.beta.)-	398	C28H46O	000516-79-0	64
3	Ergost-5,8(14)-dien-3-ol	398	C28H46O	177962-83-3	55
4	8(14),22-Ergostadienol	398	C28H46O	051502-42-2	49
5	Ergost-22-en-3-one, (5.beta.,22E)-	398	C28H46O	018865-44-6	46





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Sample : J5567-13
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

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Quant Title : SVOA CALIBRATION

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

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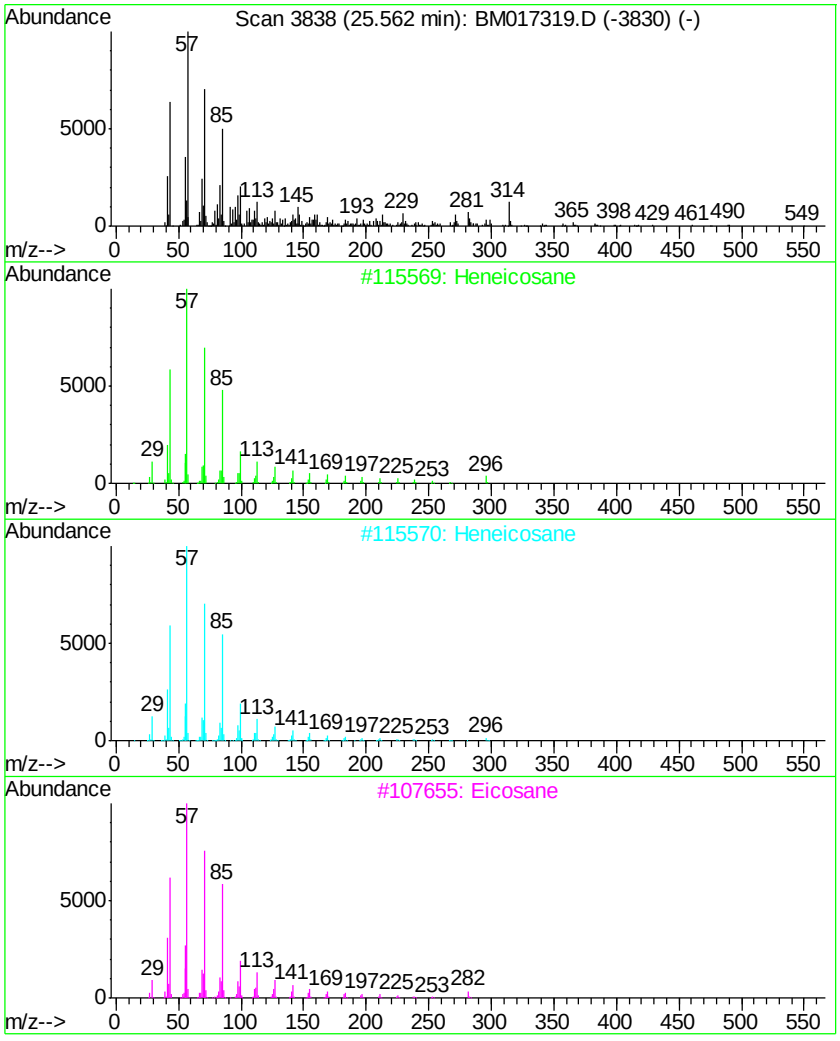
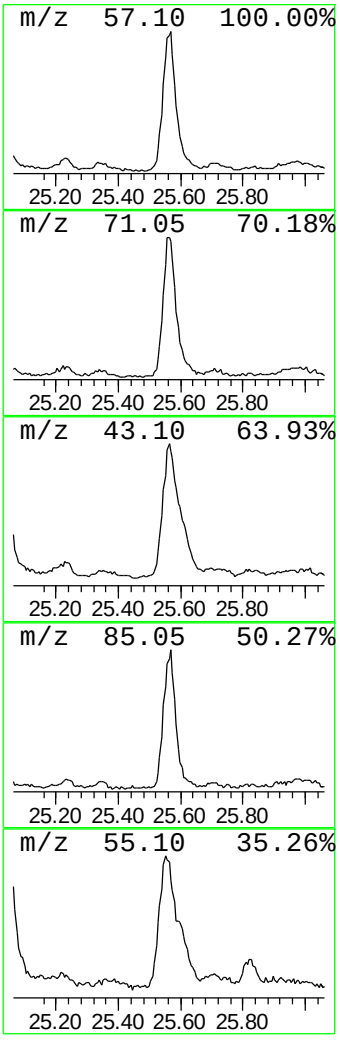
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	7.23 ng/ul	2369120	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	96
3	Eicosane	282	C20H42	000112-95-8	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Heptadecane	240	C17H36	000629-78-7	89





Tentatively Identified Compound (LSC) summary

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Operator : MJ/SJ
Sample : J5567-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
n-Hexadecanoic acid	17.97	36.3	ng/ul	7231100	4	17.05	3988000	20.0
9,12-Octadecadien...	19.10	2.4	ng/ul	475110	4	17.05	3988000	20.0
9-Octadecenoic ac...	19.13	12.3	ng/ul	2456170	4	17.05	3988000	20.0
Octadecanoic acid	19.25	5.0	ng/ul	1342500	5	21.25	5412170	20.0
5,8,11,14,17-Eico...	20.10	2.1	ng/ul	557191	5	21.25	5412170	20.0
(DEL) Alkane: Str...	20.97	3.1	ng/ul	841706	5	21.25	5412170	20.0
4,7,10,13,16,19-D...	21.03	2.6	ng/ul	694447	5	21.25	5412170	20.0
(DEL) Alkane: Str...	21.41	2.9	ng/ul	786877	5	21.25	5412170	20.0
(DEL) Alkane: Str...	21.84	3.3	ng/ul	902531	5	21.25	5412170	20.0
(DEL) Alkane: Str...	22.30	4.5	ng/ul	1212250	5	21.25	5412170	20.0
(DEL) Alkane: Str...	22.79	4.0	ng/ul	1303530	6	23.46	6556810	20.0
(DEL) Alkane: Str...	23.99	4.1	ng/ul	1338040	6	23.46	6556810	20.0
Cholesta-5,22-die...	24.40	3.5	ng/ul	1165290	6	23.46	6556810	20.0
17-(1,5-Dimethylh...	24.70	18.9	ng/ul	6187710	6	23.46	6556810	20.0
Ergosta-5,22-dien...	25.04	7.7	ng/ul	2516470	6	23.46	6556810	20.0
(DEL) Alkane: Str...	25.56	7.2	ng/ul	2369120	6	23.46	6556810	20.0