LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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	6.963	736	744	755	rBV	545177	945982	13.96%	0.929%
2	7.128	766	772	780	rBV	429636	662414	9.78%	0.650%
3	7.328	797	806	816	rBV	574769	951696	14.05%	0.934%
4	7.792	876	885	895	rBV	800260	1317118	19.44%	1.293%
5	8.492	997	1004	1014	rBV	708631	1140363	16.83%	1.119%
6	8.945	1075	1081	1089	rBV	590386	995501	14.69%	0.977%
7	9.663	1196	1203	1216	rBV	514024	883501	13.04%	0.867%
8	10.198	1287	1294	1307	rBV	836789	1418024	20.93%	1.392%
9	10.575	1349	1358	1366	rBV	1256172	2161468	31.90%	2.122%
10	10.716	1373	1382	1394	rBV	524423	966196	14.26%	0.948%
11	13.833	1904	1912	1916	rBV	1704200	2405547	35.51%	2.361%
12	13.880	1916	1920	1927	rVB	980456	1358415	20.05%	1.333%
13	14.116	1954	1960	1969	rVB	1907263	2793837	41.24%	2.743%
14	14.427	2002	2013	2020	rBV2	2088186	3348395	49.42%	3.287%
15	14.621	2040	2046	2061	rBV	702021	1182765	17.46%	1.161%
16	15.274	2153	2157	2161	rVB	60071	74540	1.10%	0.073%
17	15.416	2175	2181	2188	rBV	2569743	3658756	54.01%	3.592%
18	15.539	2196	2202	2213	rBV	777316	1080133	15.94%	1.060%
19	15.657	2216	2222	2230	rBV5	43372	91443	1.35%	0.090%
20	16.133	2298	2303	2306	rBV	98143	140050	2.07%	0.137%
21	16.921	2433	2437	2441	rBV	71925	95097	1.40%	0.093%
22	17.062	2454	2461	2467	rBV3	110402	216273	3.19%	0.212%
23	17.127	2467	2472	2473	rVV	77386	93692	1.38%	0.092%
24	17.168	2473	2479	2484	rVV	3200443	4687387	69.19%	4.601%
25	17.210	2484	2486	2490	rVV	209102	245964	3.63%	0.241%
26	17.268	2490	2496	2505	rVV	2909525	4410280	65.10%	4.329%
27	17.762	2573	2580	2589	rBV2	320753	681174	10.05%	0.669%
28	17.880	2596	2600	2605	rBV4	54302	96505	1.42%	0.095%
29	17.939	2605	2610	2616	rVV5	57160	117777	1.74%	0.116%
30	17.998	2616	2620	2626	rBV3	148301	321572	4.75%	0.316%
31	18.062	2626	2631	2639	rVV	809770	1275325	18.82%	1.252%
32	18.233	2656	2660	2665	rBV	642217	876247	12.93%	0.860%
33	18.292	2666	2670	2674	rVV	374482	512183	7.56%	0.503%
34	18.339	2674	2678	2685	rVB3	214880	315579	4.66%	0.310%

LSC Area Percent Report

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Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

35	18.521	2700	2709	2714	rBV	427804	697329	10.29%	0.685%
36	18.568	2714	2717	2722	rVV3	133592	188558	2.78%	0.185%
37	18.621	2722	2726	2729	rVV2	150821	205355	3.03%	0.202%
38	18.662	2729	2733	2735	rVV	116759	159085	2.35%	0.156%
39	18.698	2735	2739	2747	rVB	327078	425122	6.28%	0.417%
40	18.798	2752	2756	2761	rVV2	65476	84196	1.24%	0.083%
41	19.004	2785	2791	2795	rBV	304496	409540	6.05%	0.402%
42	19.056	2795	2800	2803	rVV	682299	913079	13.48%	0.896%
43	19.092	2803	2806	2814	rVB3	869983	1274266	18.81%	1.251%
44	19.168	2816	2819	2821	rBV2	65909	77994	1.15%	0.077%
45	19.221	2824	2828	2835	rVB	408530	609544	9.00%	0.598%
46	19.304	2836	2842	2845	rBV2	285245	507277	7.49%	0.498%
47	19.368	2849	2853	2857	rVB	311727	404894	5.98%	0.397%
48	19.433	2860	2864	2868	rBV3	192265	303576	4.48%	0.298%
49	19.556	2880	2885	2894	rVV	3901453	6051145	89.32%	5.940%
50	19.627	2894	2897	2901	rVB	134946	169763	2.51%	0.167%
51	19.703	2907	2910	2914	rVB2	169216	205801	3.04%	0.202%
52	19.756	2915	2919	2923	rBV3	112630	134519	1.99%	0.132%
53	19.815	2924	2929	2933	rVV	256223	338168	4.99%	0.332%
54	19.856	2933	2936	2940	rVB	58477	77146	1.14%	0.076%
55	19.956	2950	2953	2963	rVB10	63039	125134	1.85%	0.123%
56	20.086	2969	2975	2979	rBV4	212487	437165	6.45%	0.429%
57	20.127	2979	2982	2985	rVB	219339	243645	3.60%	0.239%
58	20.433	3030	3034	3038	rVB2	154202	190389	2.81%	0.187%
59	21.056	3136	3140	3149	rBV	995813	1384908	20.44%	1.359%
60	21.256	3171	3174	3178	rVB	203277	211536	3.12%	0.208%
61	21.350	3183	3190	3194	rBV	4784499	6774748	100.00%	6.650%
62	21.474	3208	3211	3213	rBV	215152	247615	3.65%	0.243%
63	21.674	3242	3245	3251	rVB2	246612	317620	4.69%	0.312%
64	21.733	3252	3255	3256	rBV	114485	128216	1.89%	0.126%
65	21.756	3257	3259	3262	rVB	138465	140594	2.08%	0.138%
66	21.933	3285	3289	3291	rBV	386315	533503	7.87%	0.524%
67	22.427	3369	3373	3379	rVB	707853	1075894	15.88%	1.056%
68	22.527	3387	3390	3402	rVB	435912	647318	9.55%	0.635%
69	22.633	3404	3408	3413	rVV	412464	564121	8.33%	0.554%
70	22.909	3450	3455	3460	rBV2	1454269	2385516	35.21%	2.342%
71	22.962	3460	3464	3476	rVB	1274372	2351913	34.72%	2.309%

LSC Area Percent Report

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Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

72	23.474	3544	3551	3563	rVB2	2902250	5687487	83.95%	5.583%
73	23.621	3568	3576	3593	rVB	2954290	6120472	90.34%	6.008%
74	23.803	3601	3607	3615	rVB	1037197	1896516	27.99%	1.862%
75	24.138	3657	3664	3672	rVB	1775185	3627489	53.54%	3.561%
76	24.227	3673	3679	3693	rBV2	989287	2382869	35.17%	2.339%
77	24.897	3787	3793	3801	rBV2	356349	931108	13.74%	0.914%
78	25.344	3865	3869	3877	rVB2	235885	506685	7.48%	0.497%
79	25.774	3934	3942	3949	rBV	611843	1630215	24.06%	1.600%
80	26.068	3986	3992	4009	rVB5	400222	1261792	18.62%	1.239%
81	26.697	4091	4099	4112	rBV3	1093412	3396558	50.14%	3.334%
82	28.291	4360	4370	4383	rVB4	535217	1911254	28.21%	1.876%

Sum of corrected areas: 101869836

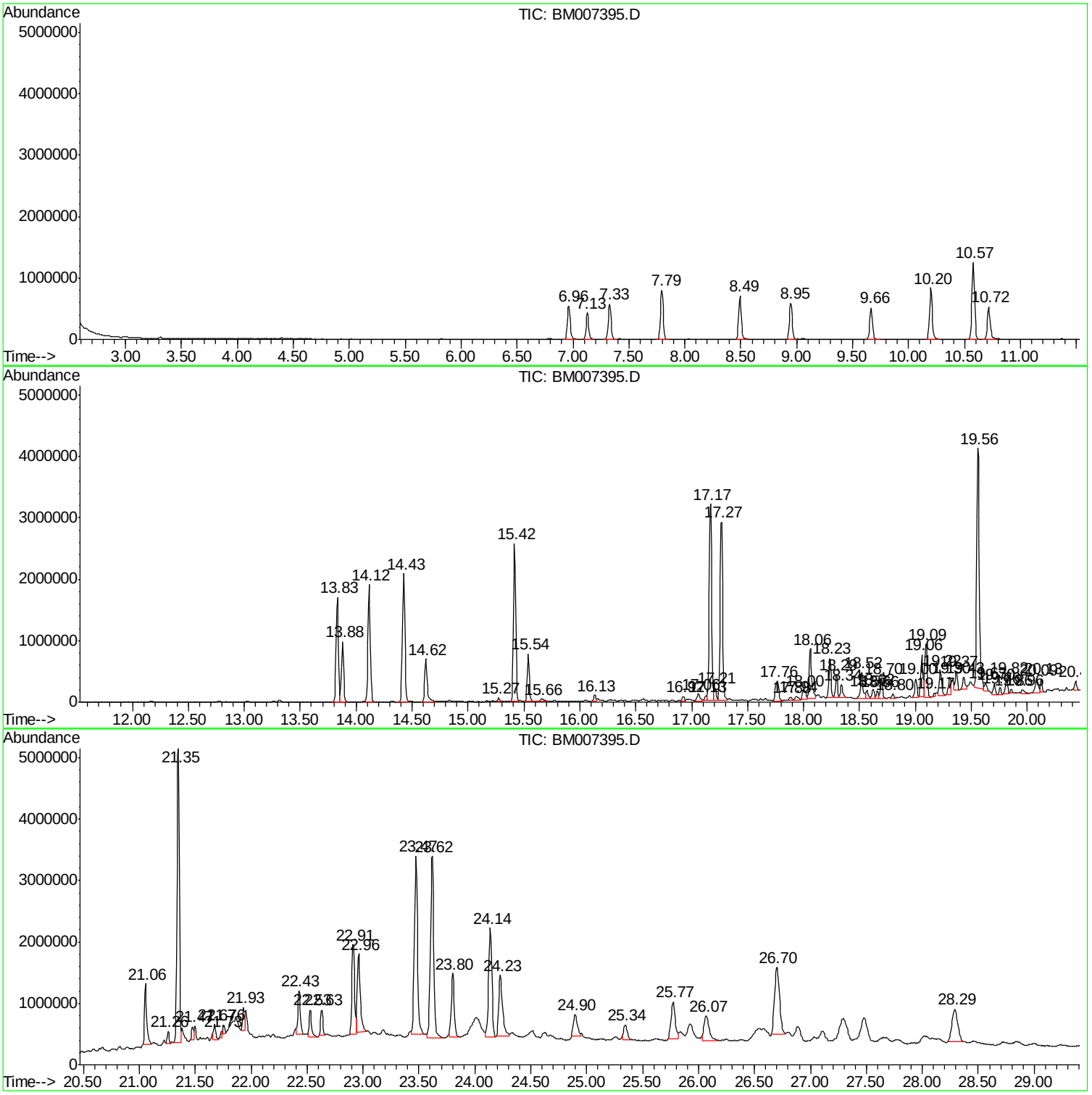
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

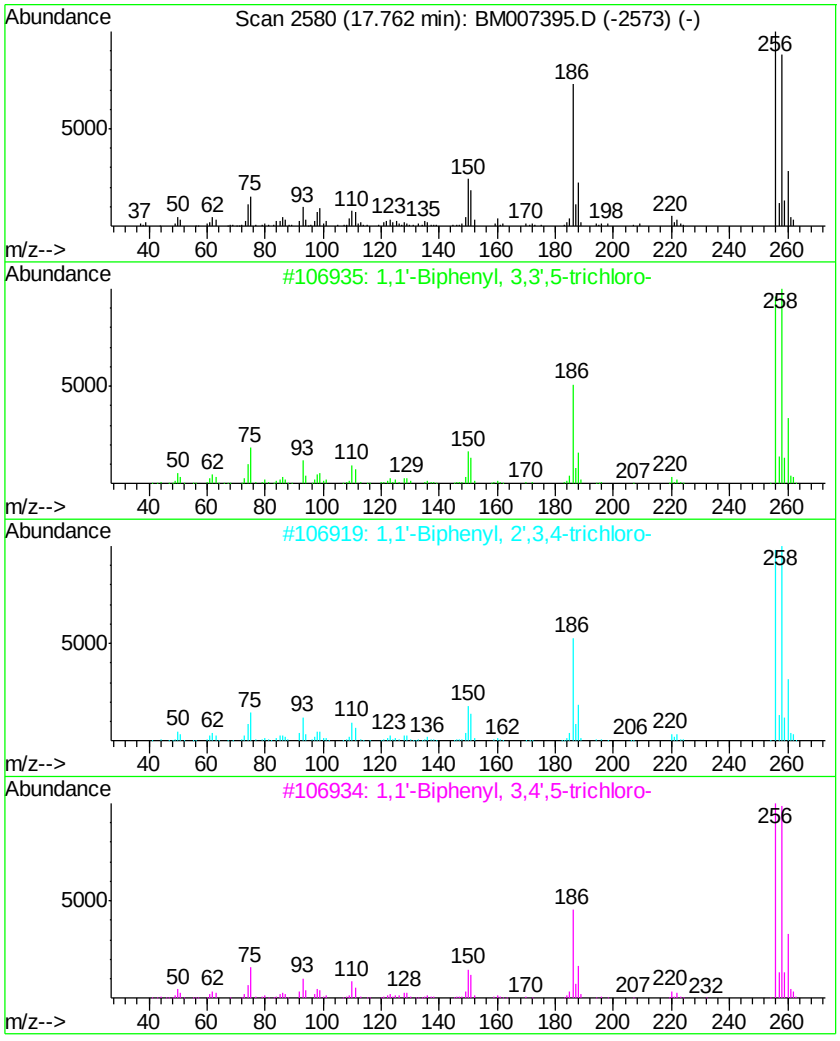
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

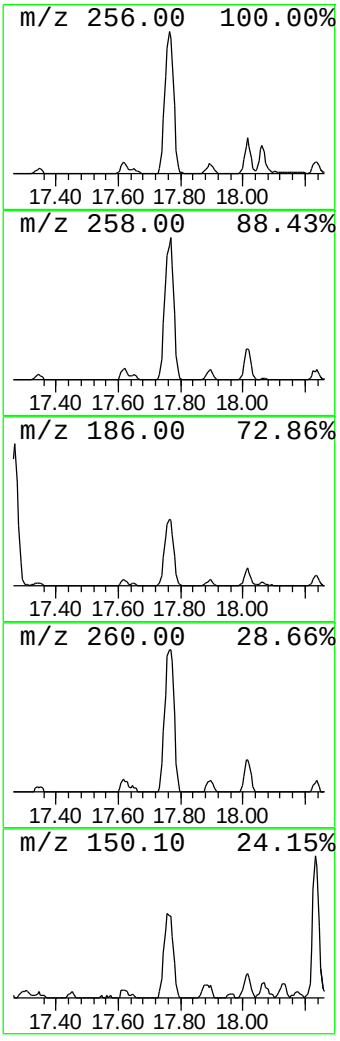
****

Peak Number 1 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.91 ng/ul	681174	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	98





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

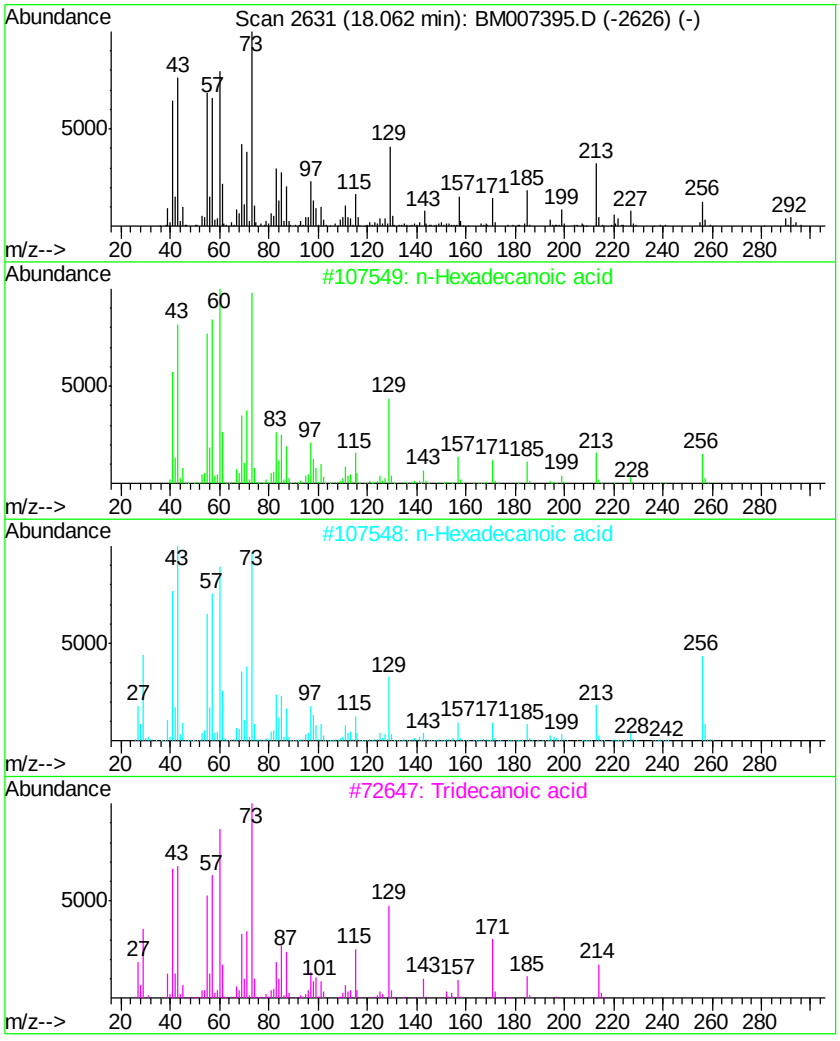
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

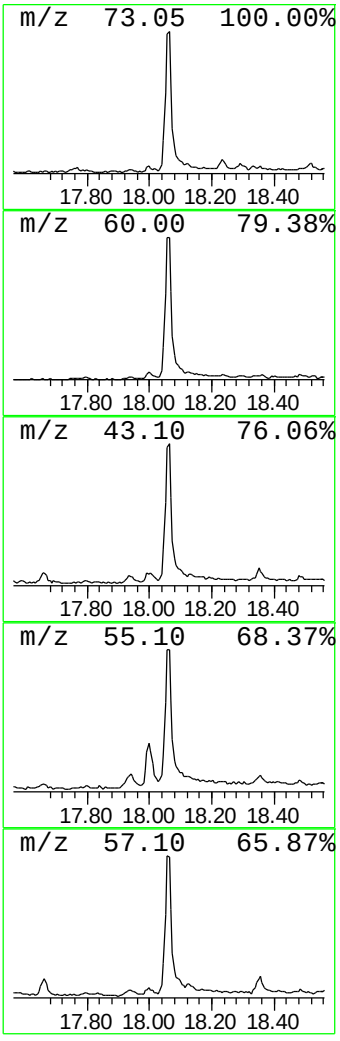
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.44 ng/ul	1275330	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Acq On : 03 Sep 2016 07:46
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

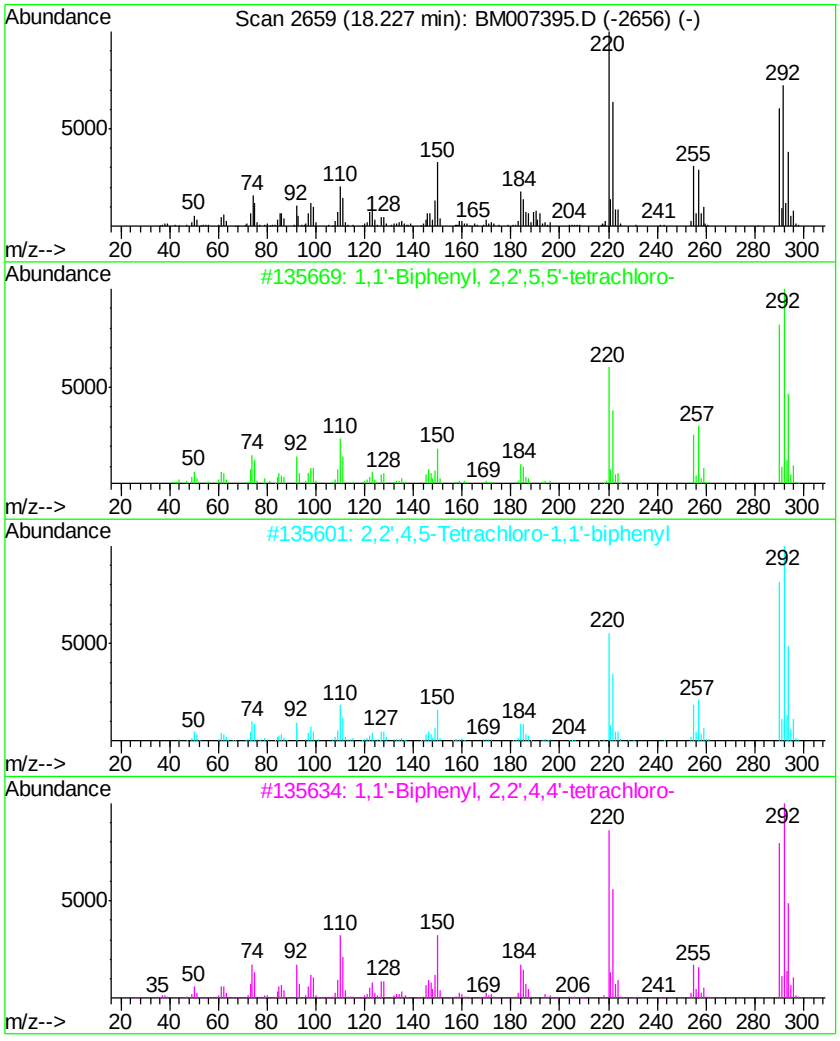
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

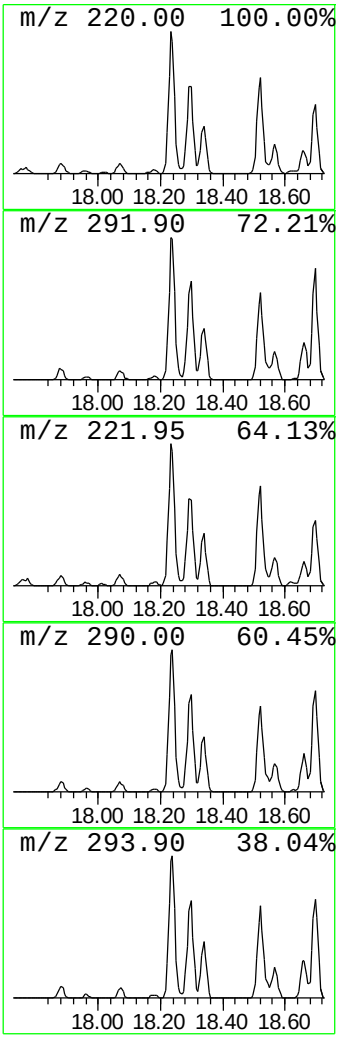
****

Peak Number 3 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.74 ng/ul	876247	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

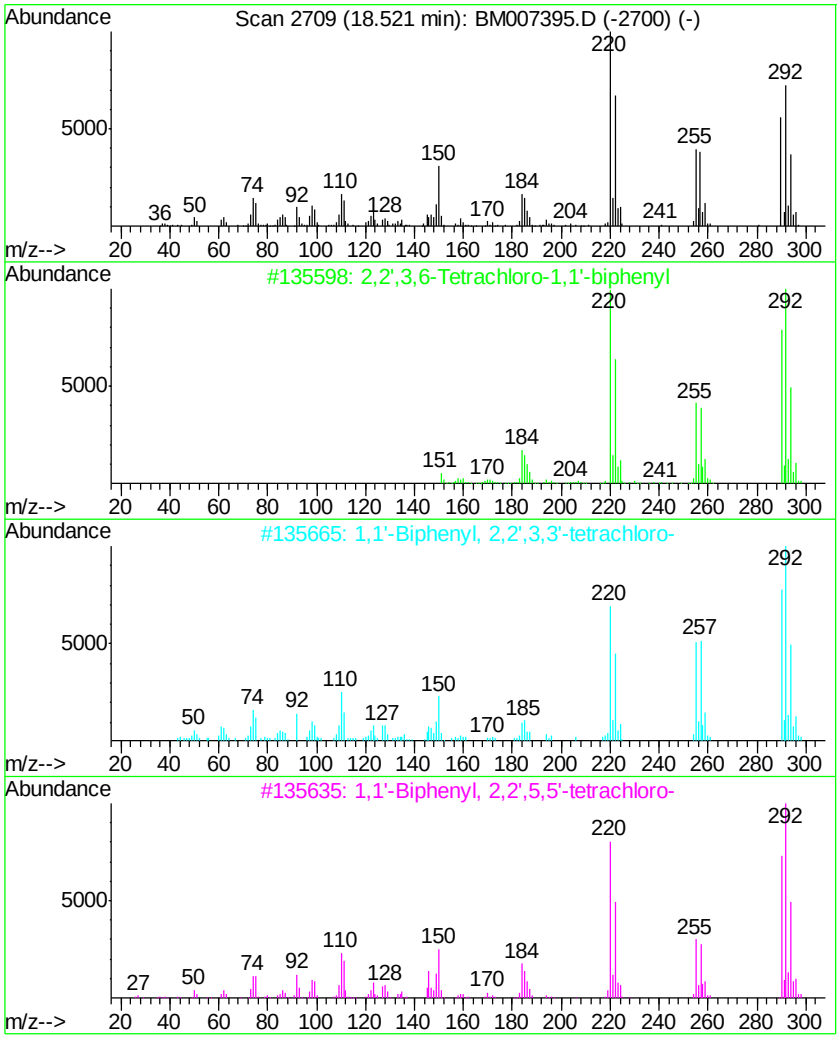
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

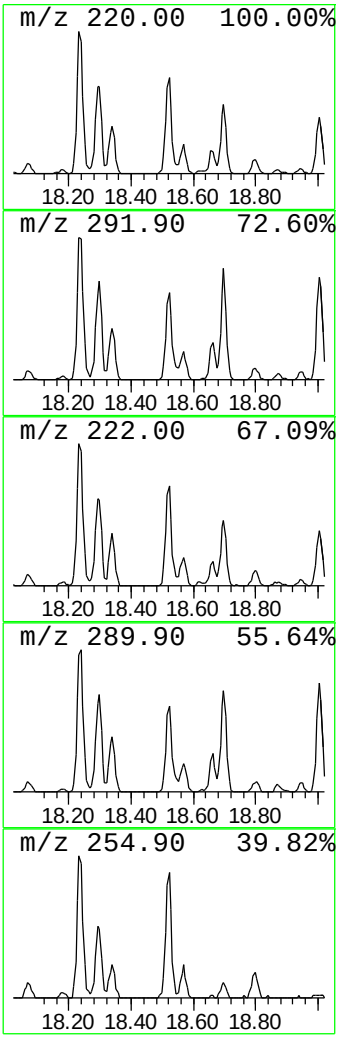
****

Peak Number 5 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.98 ng/ul	697329	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Sample : H4655-06
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

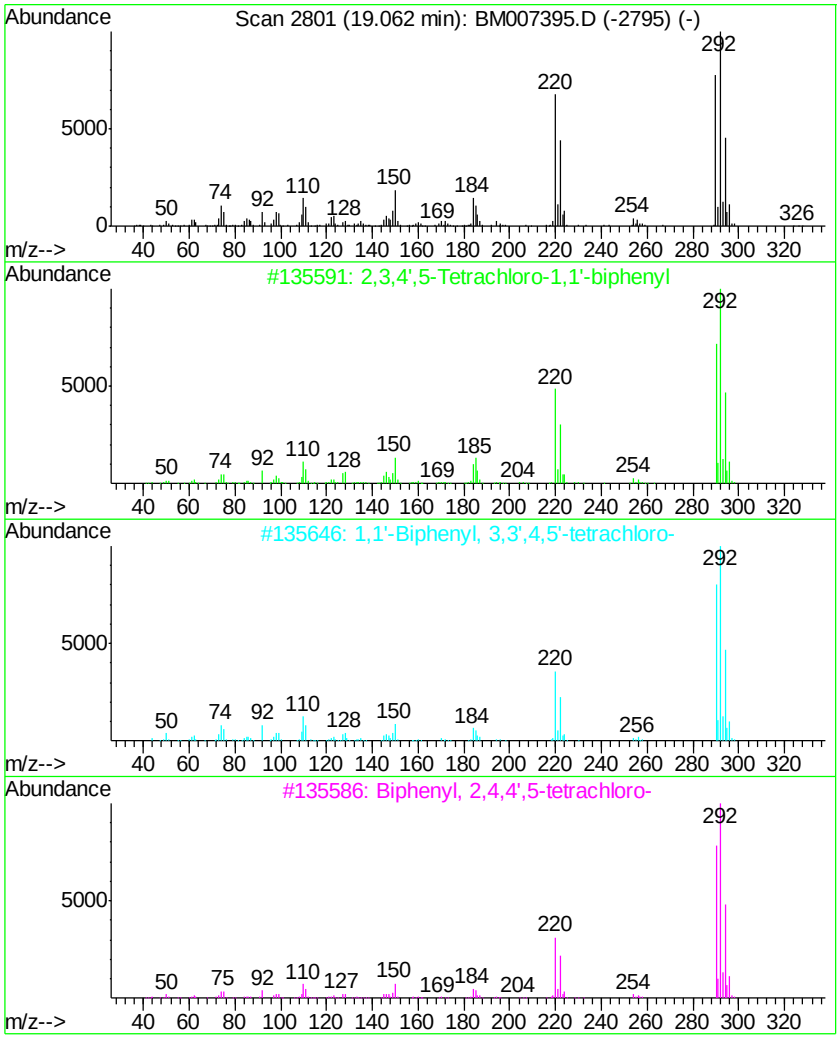
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

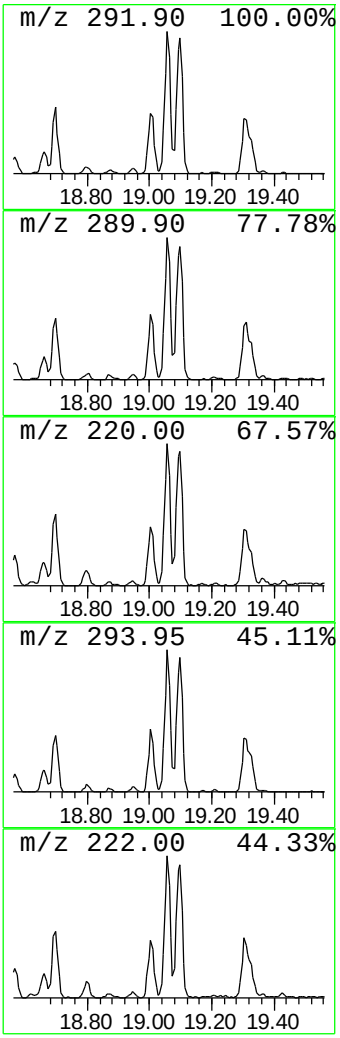
****

Peak Number 6 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.90 ng/ul	913079	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Sample : H4655-06
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Quant Title : SVOA CALIBRATION

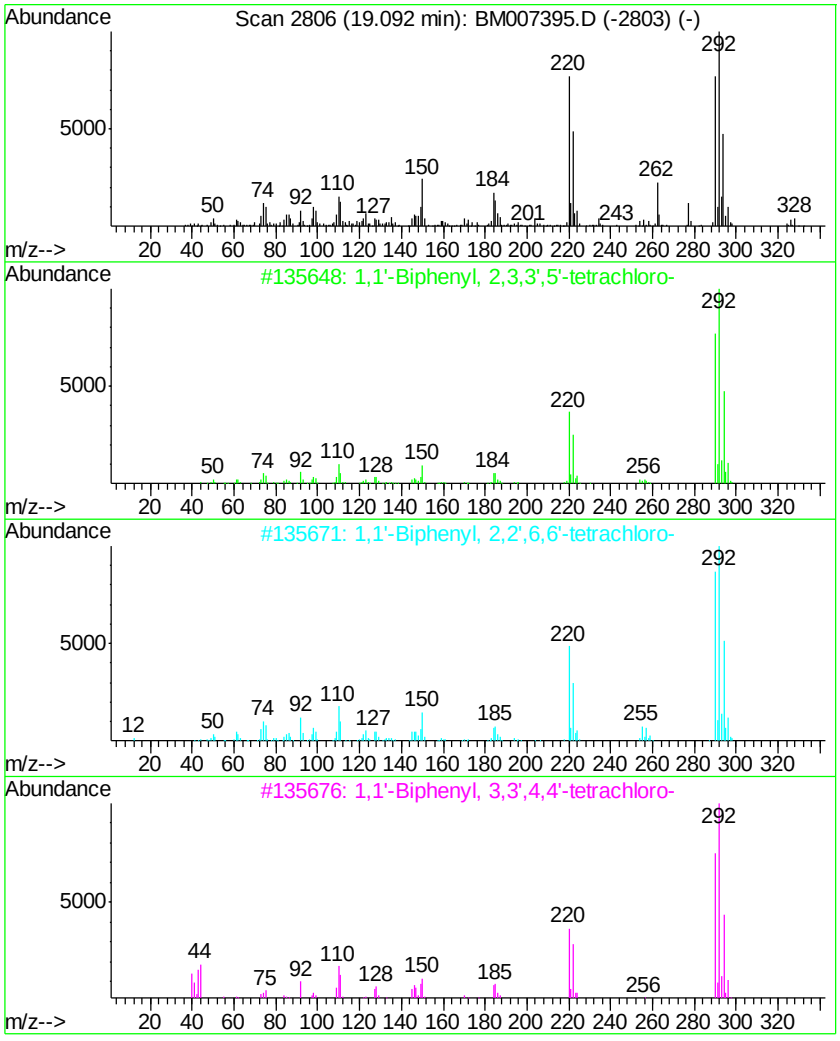
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

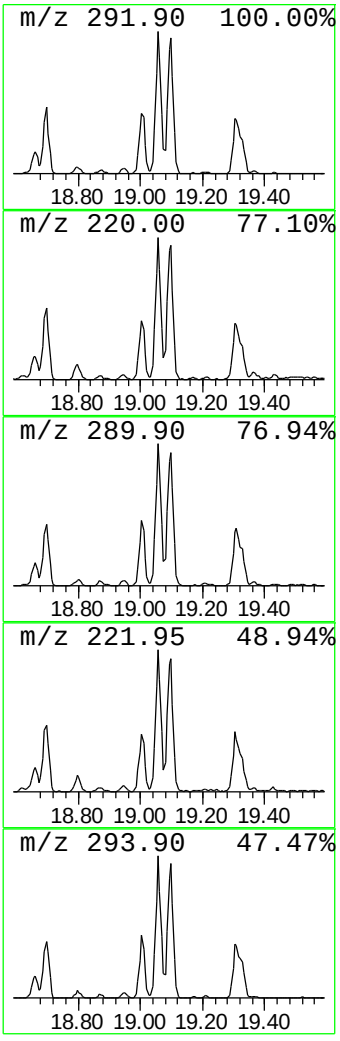
****

Peak Number 7 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.44 ng/ul	1274270	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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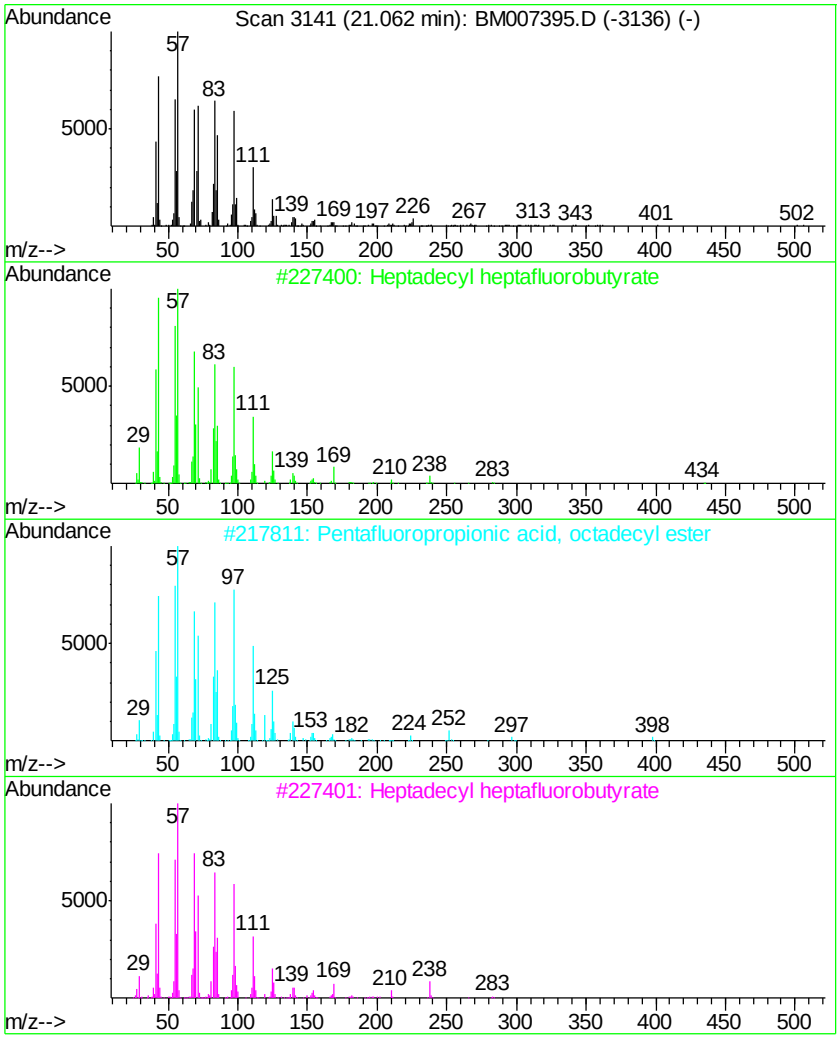
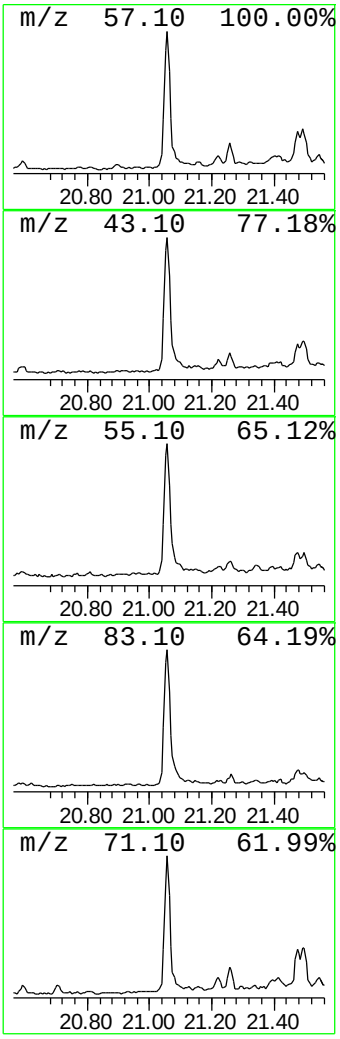
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.09 ng/ul	1384910	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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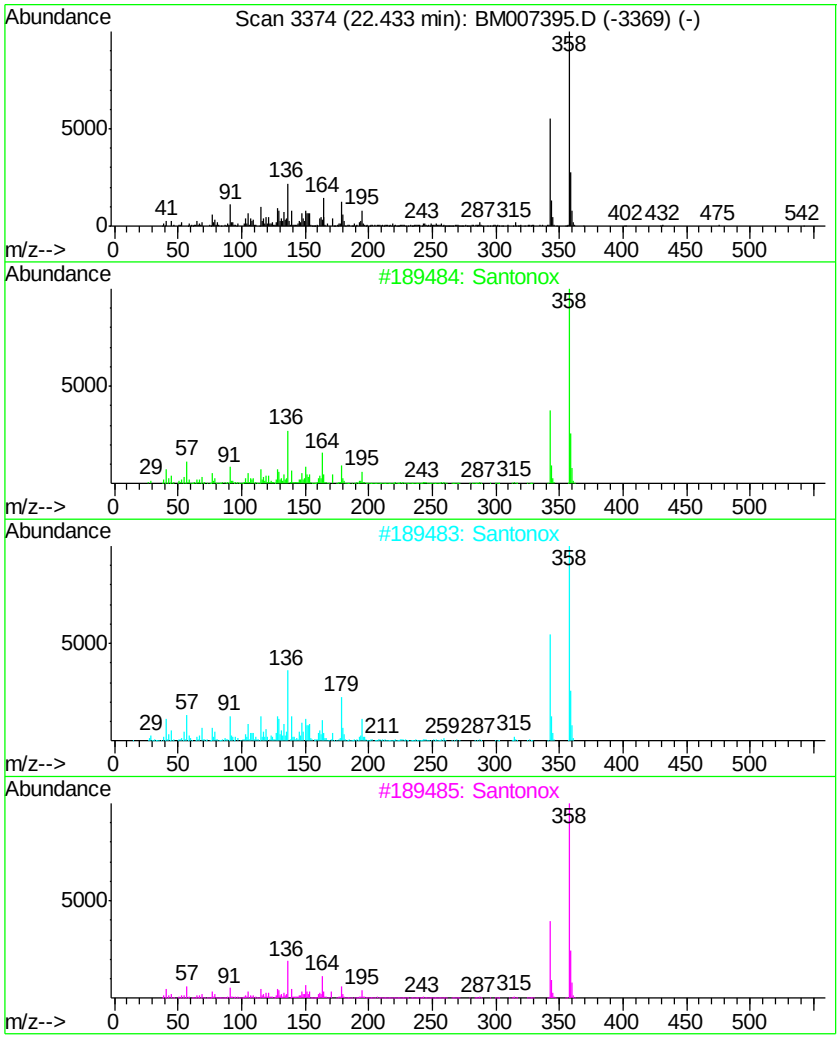
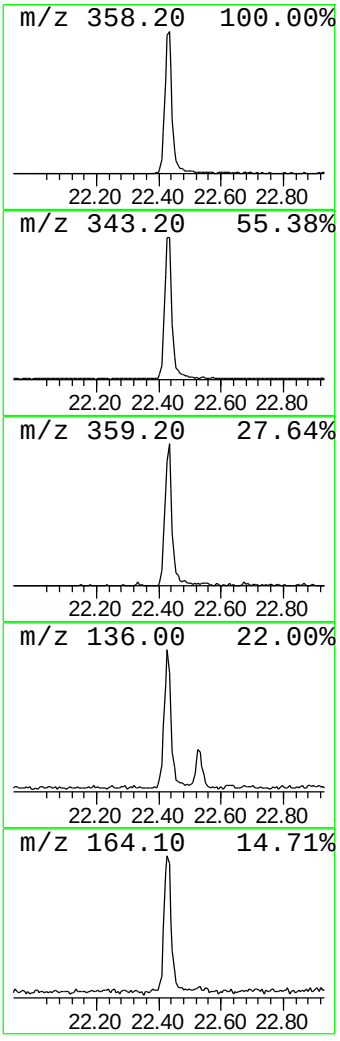
Peak Number 9 Santonox Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.18 ng/ul	1075890	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Santonox	358	C22H30O2S	000096-69-5	99
2	Santonox	358	C22H30O2S	000096-69-5	97
3	Santonox	358	C22H30O2S	000096-69-5	97
4	Phenol, 4,4'-thiobis[2-(1,1-dime...	358	C22H30O2S	000096-66-2	90
5	Santonox	358	C22H30O2S	000096-69-5	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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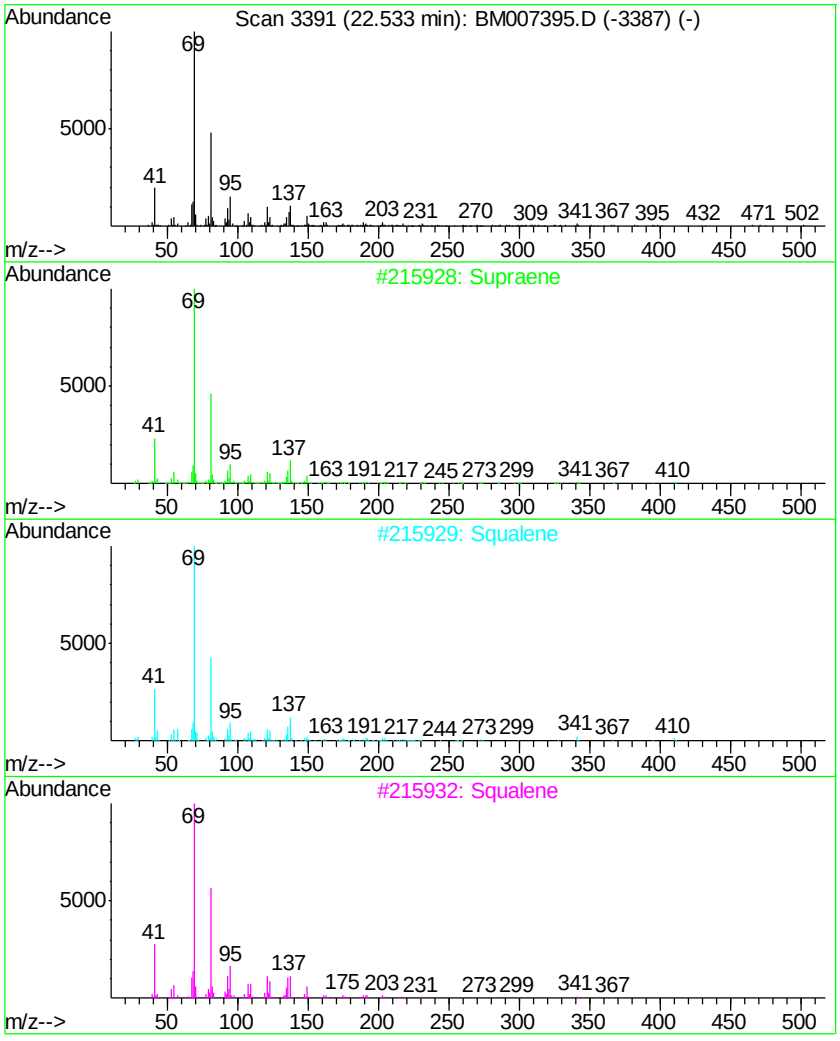
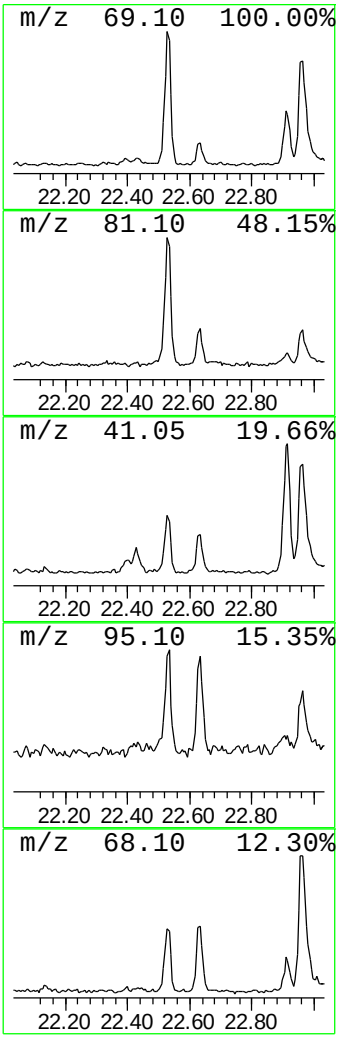
Peak Number 10 Supraene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.12 ng/ul	647318	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	87
3	Squalene	410	C30H50	000111-02-4	87
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64





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Sample : H4655-06
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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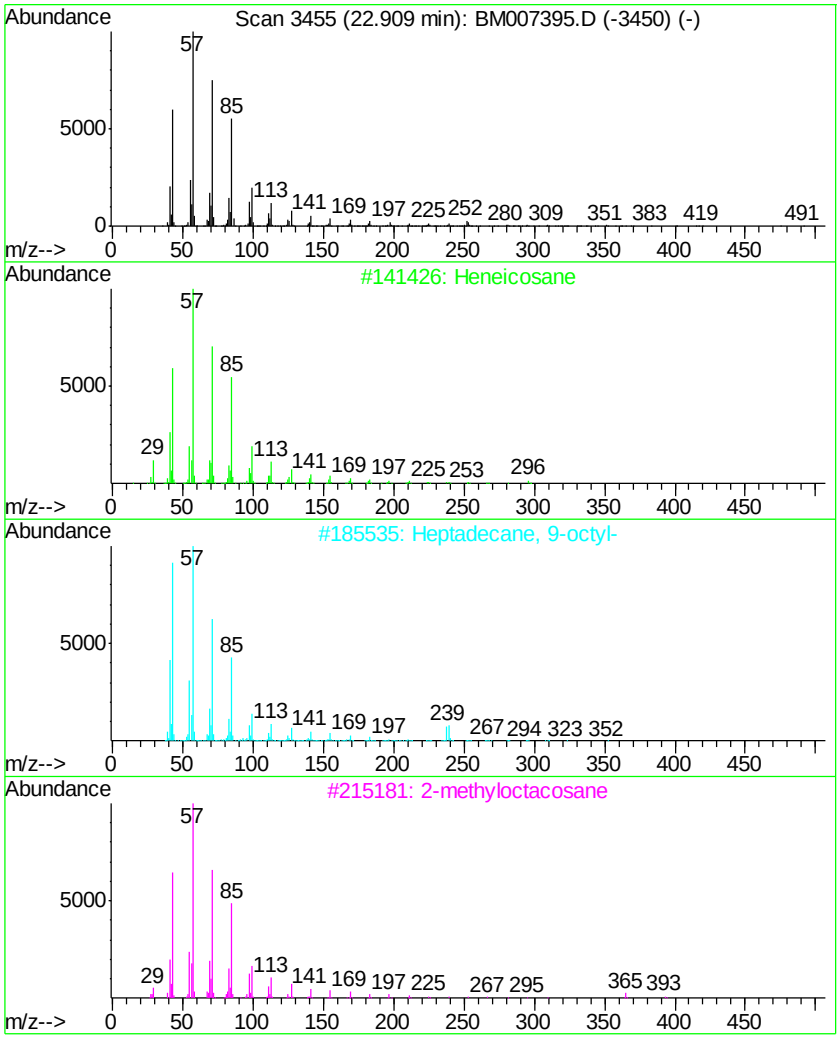
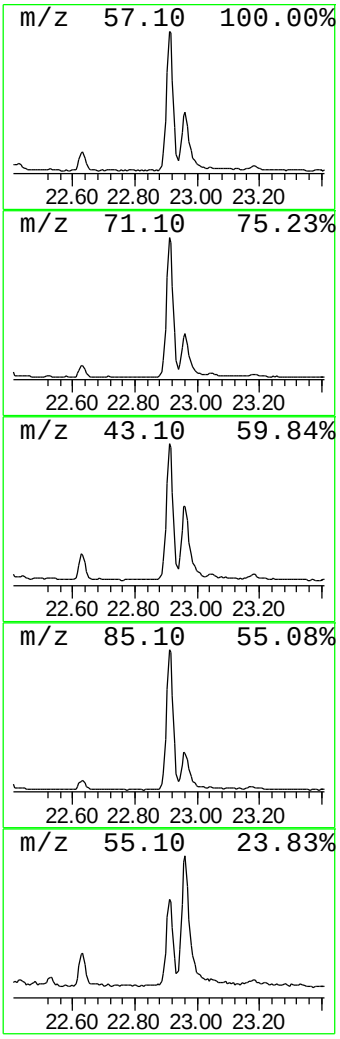
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	7.80 ng/ul	2385520	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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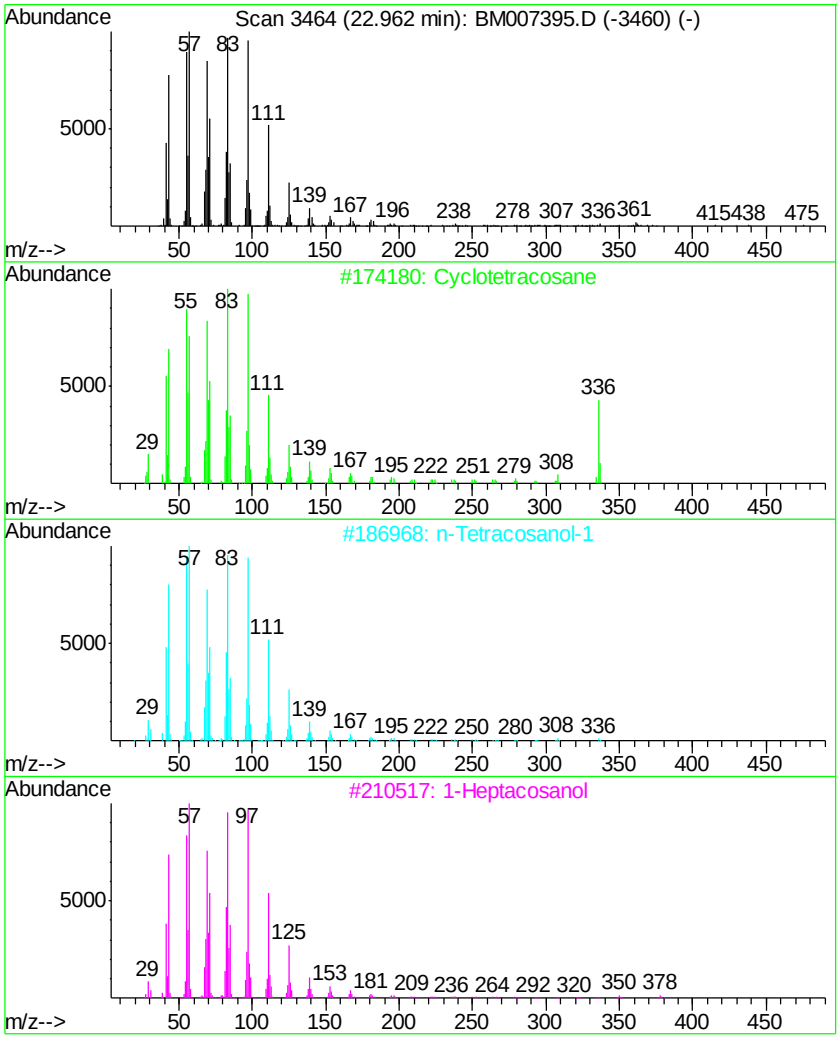
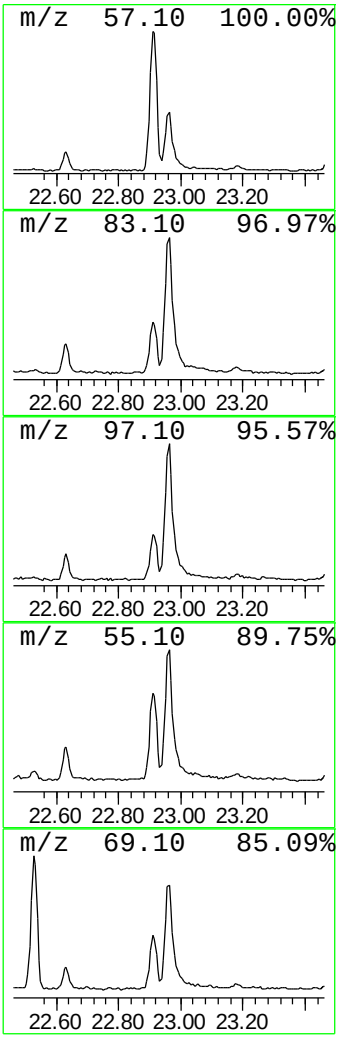
Peak Number 12 (DEL) Alkane: Cyclic22.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	7.69 ng/ul	2351910	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Octacosanol	410	C28H58O	000557-61-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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ClientSampleId : C0004

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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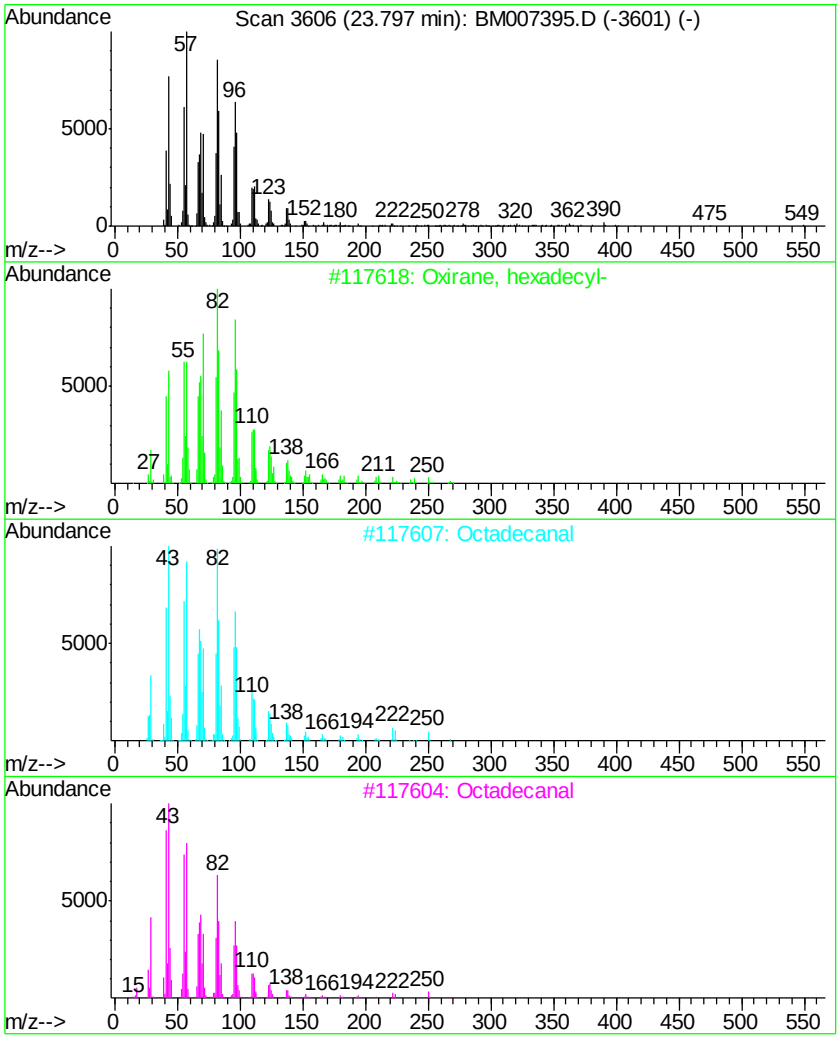
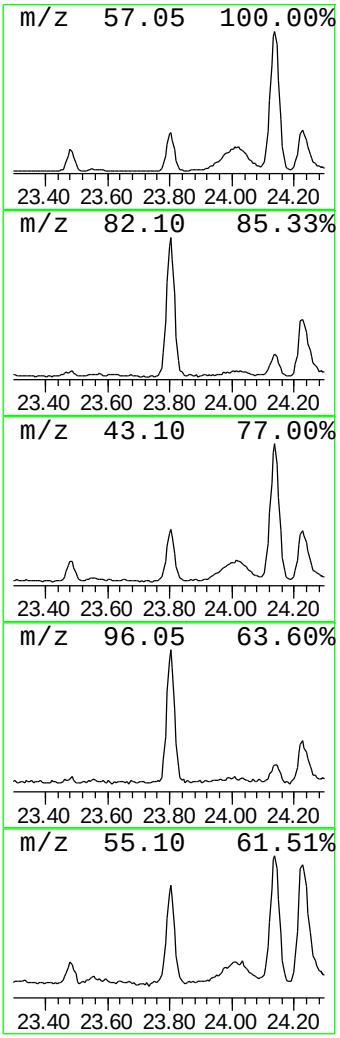
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	6.20 ng/ul	1896520	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Octadecanal	268	C18H36O	000638-66-4	93
4	Disparlure	282	C19H38O	029804-22-6	93
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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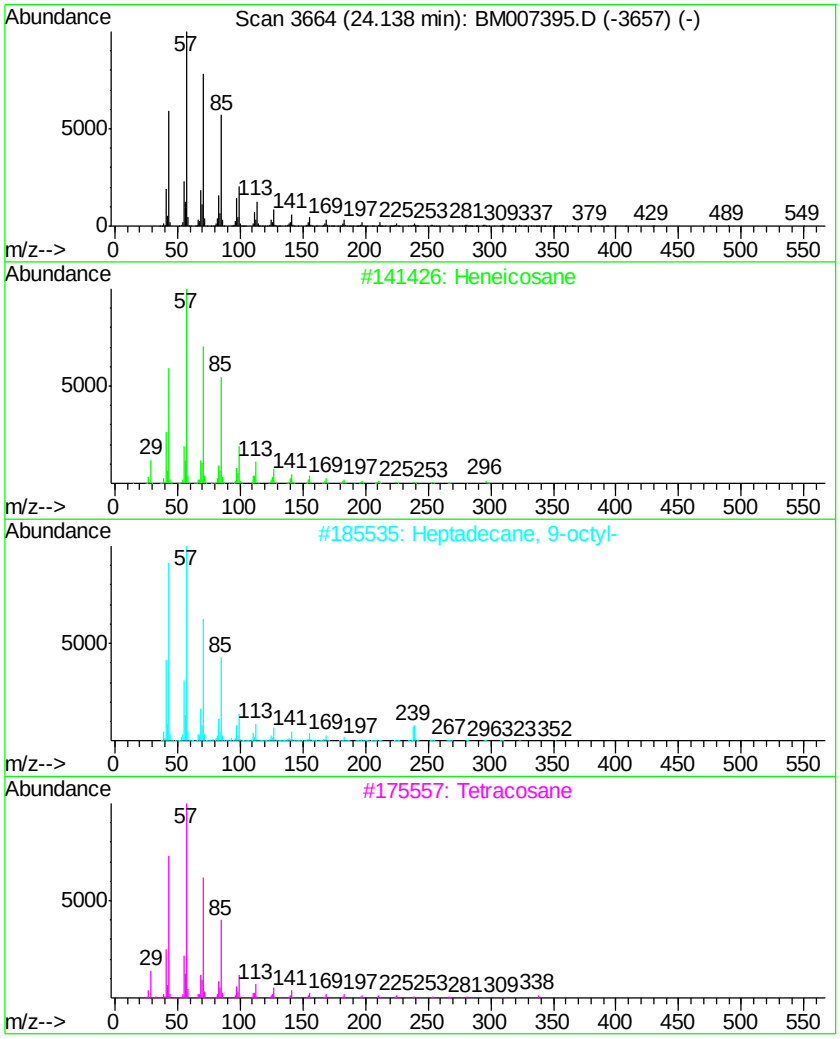
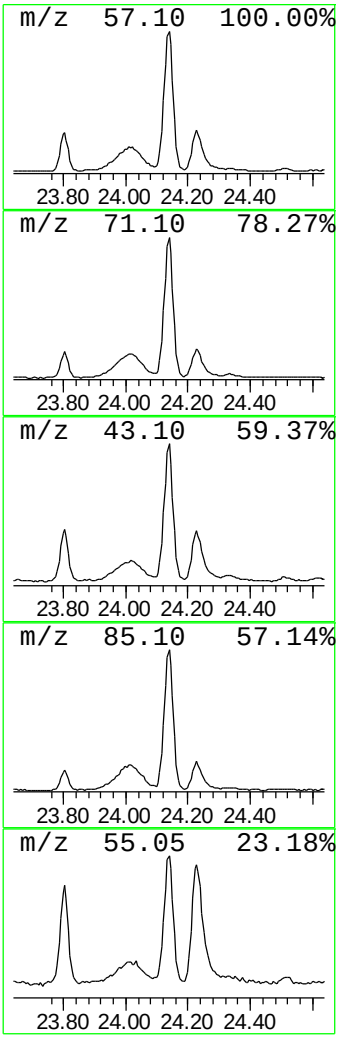
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	11.85 ng/ul	3627490	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Tetracosane	338	C24H50	000646-31-1	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93





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Sample : H4655-06
Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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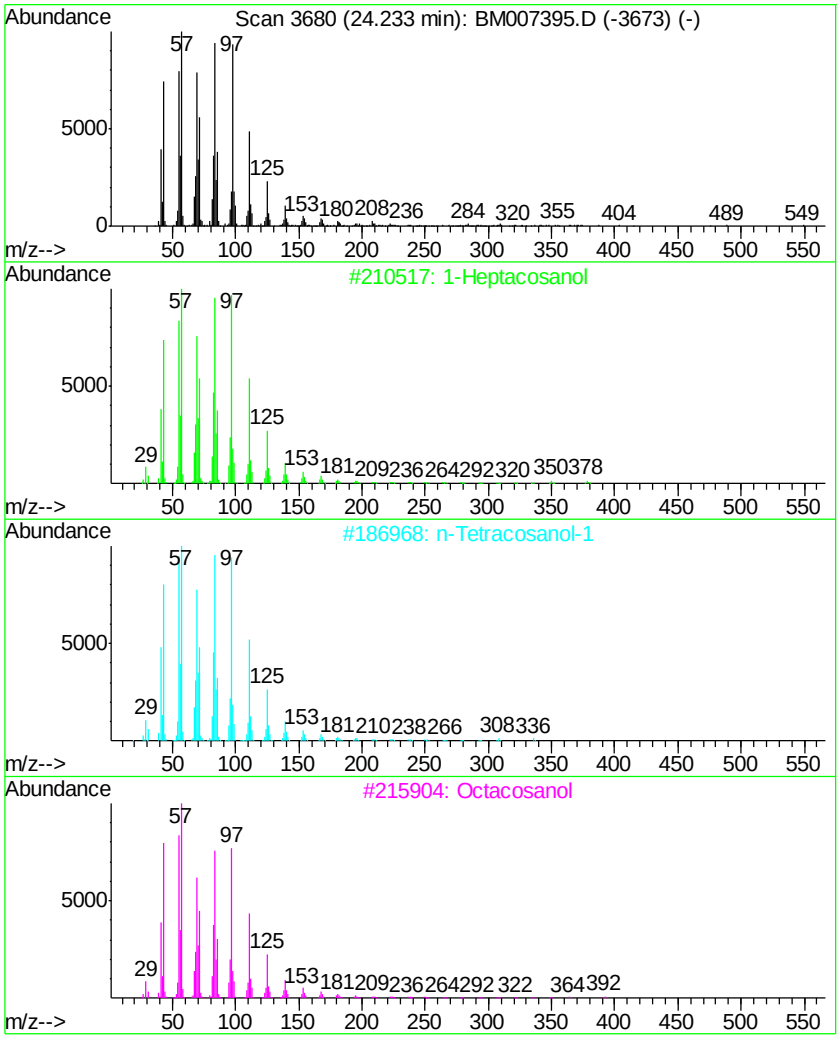
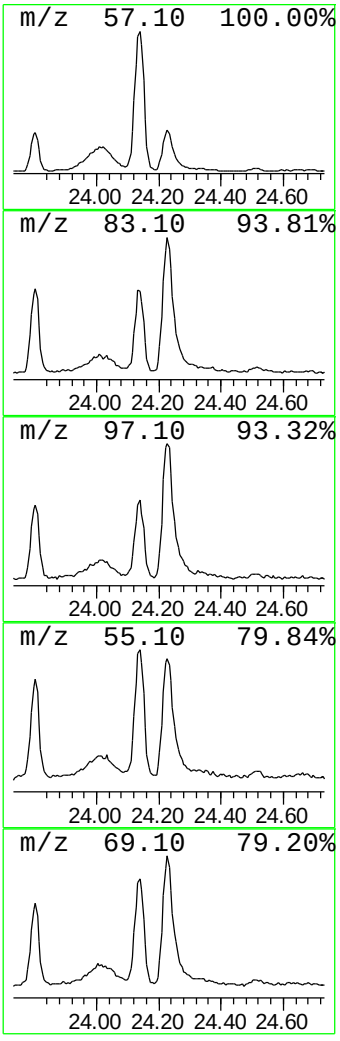
Peak Number 15 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	7.79 ng/ul	2382870	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Octacosanol	410	C28H58O	000557-61-9	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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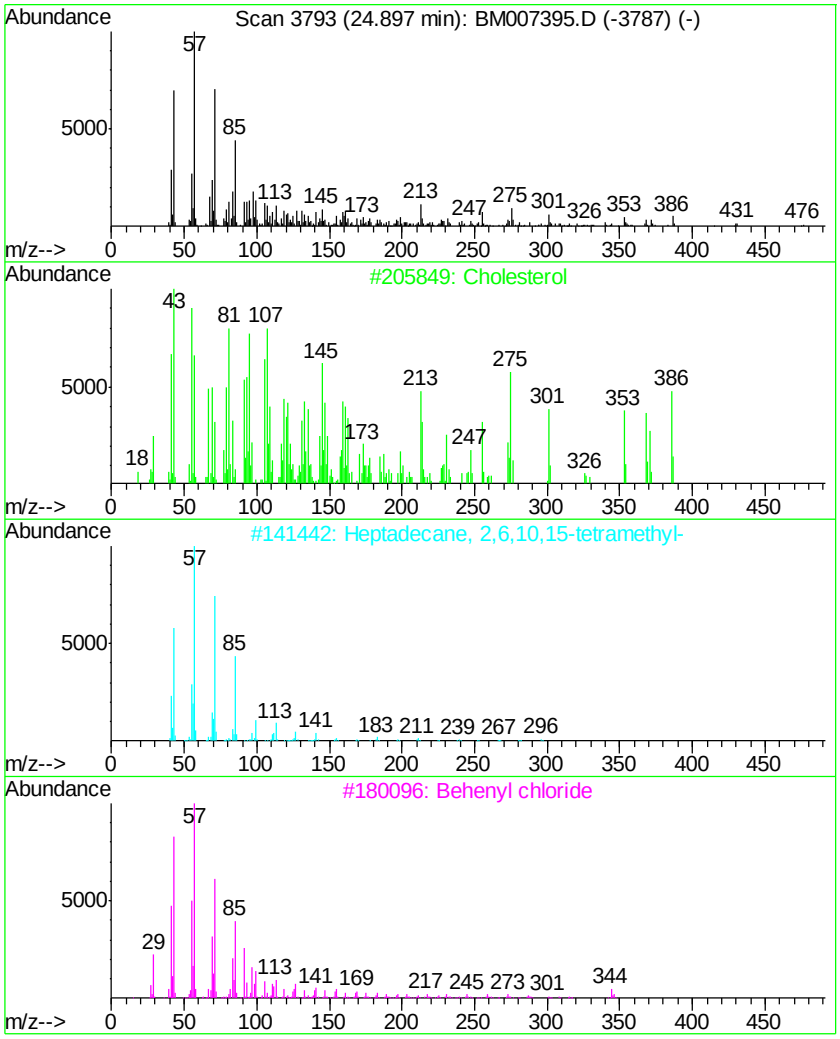
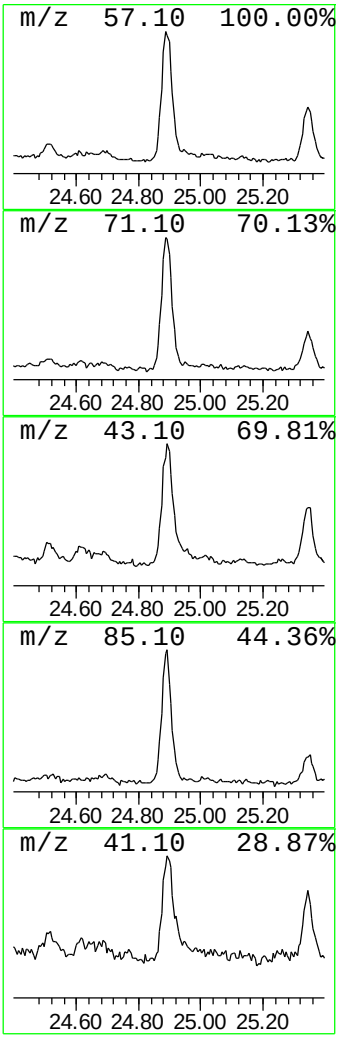
Peak Number 16 Cholesterol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	3.04 ng/ul	931108	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Behenyl chloride	344	C22H45Cl	042217-03-8	83
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64





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Instrument : BNA_M
ClientSampleId : C0004

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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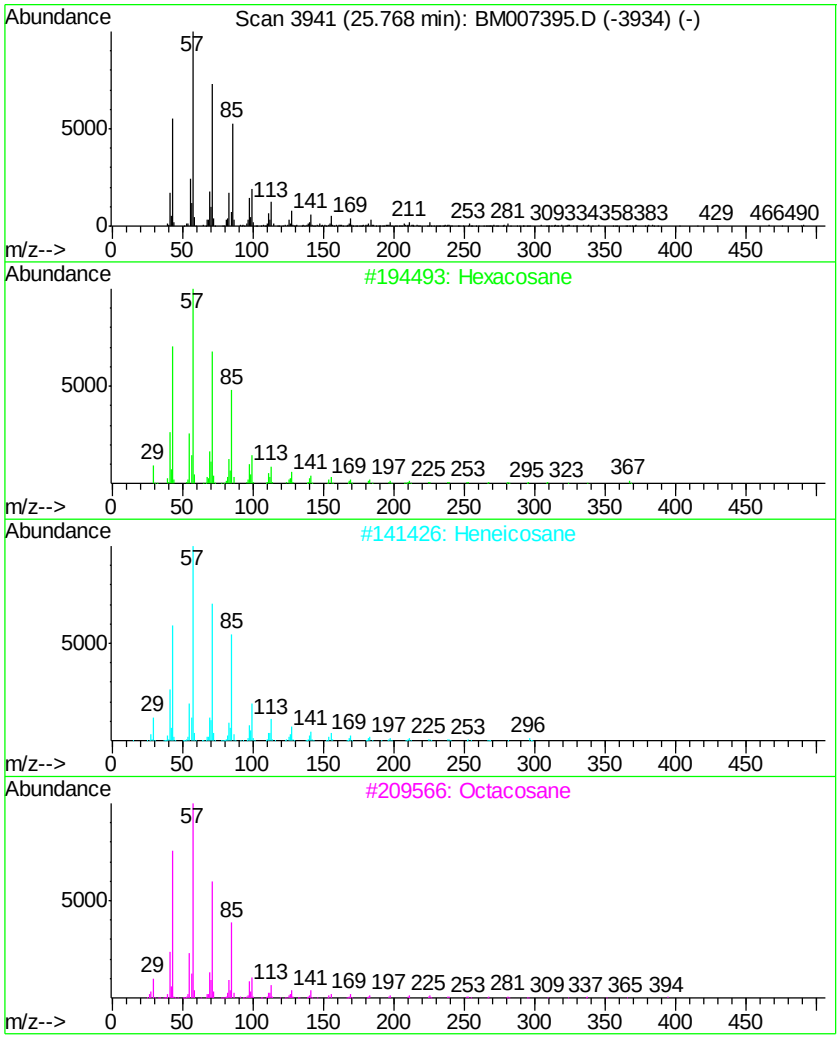
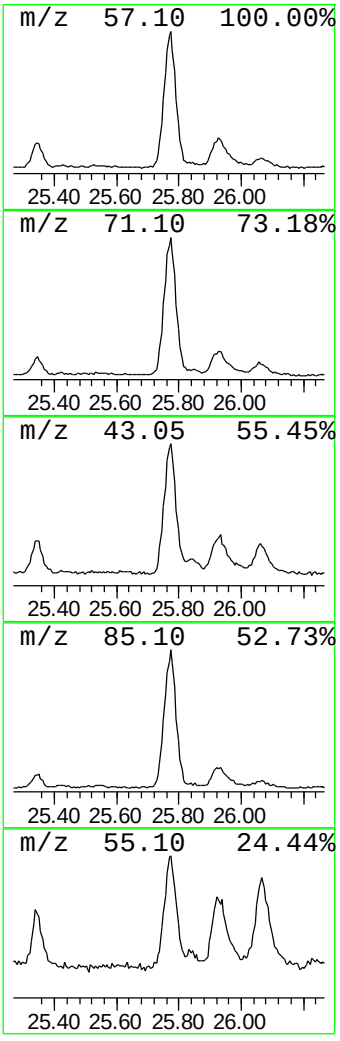
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	5.33 ng/ul	1630220	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Triacontane	422	C30H62	000638-68-6	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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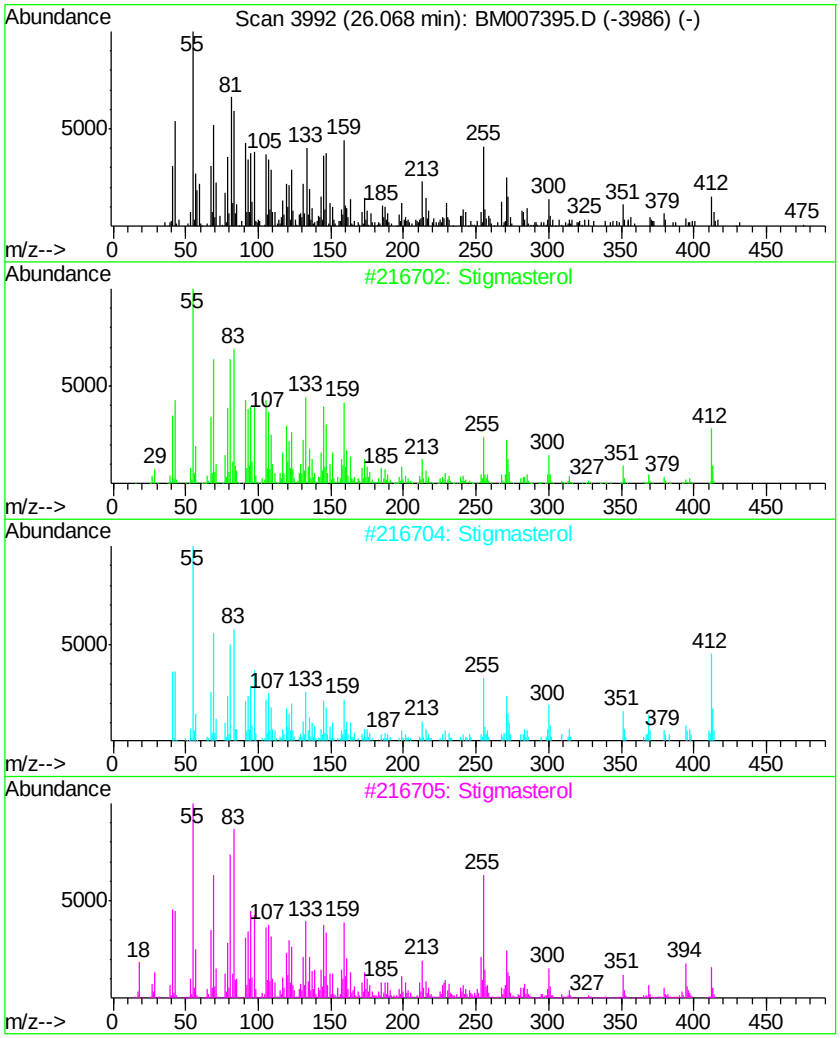
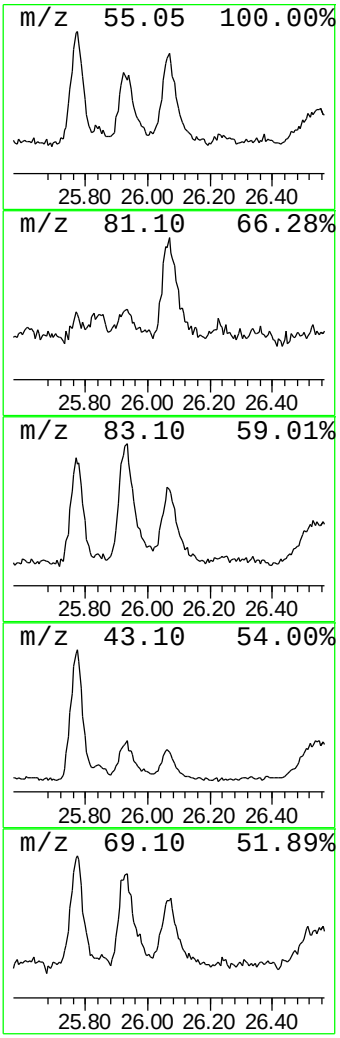
Peak Number 18 Stigmasterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	4.12 ng/ul	1261790	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	99
2	Stigmasterol	412	C29H48O	000083-48-7	94
3	Stigmasterol	412	C29H48O	000083-48-7	90
4	Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	87
5	Stigmasterol	412	C29H48O	000083-48-7	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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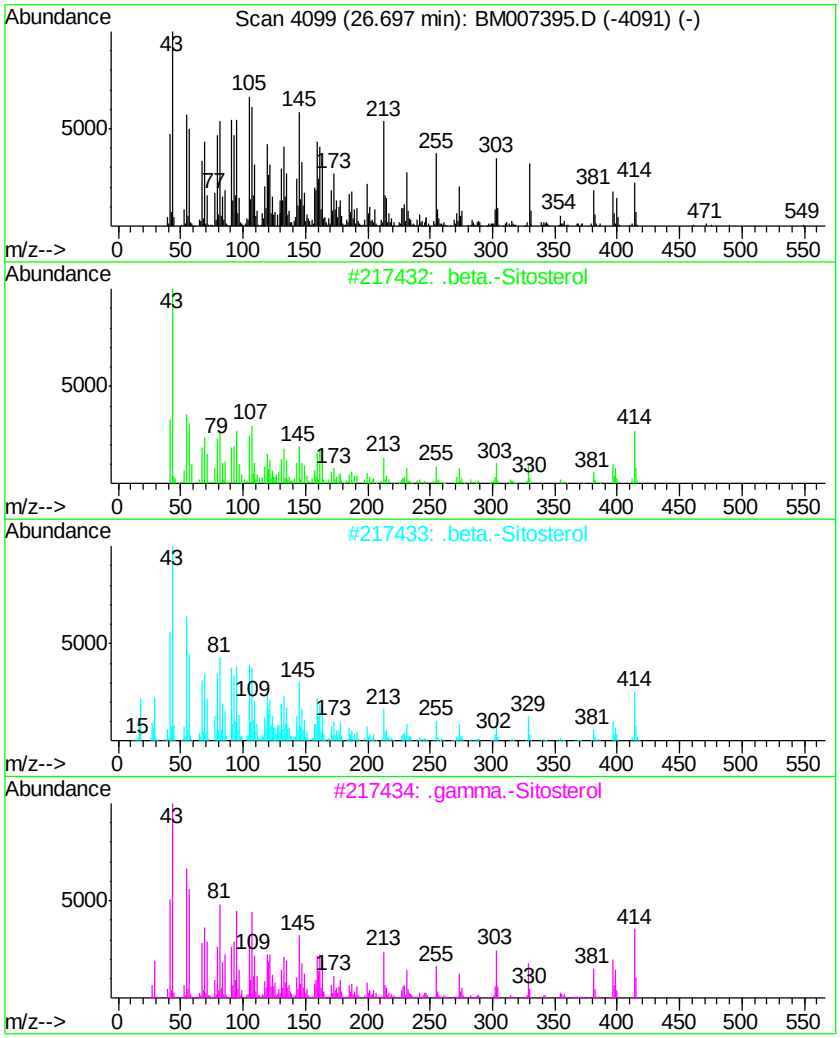
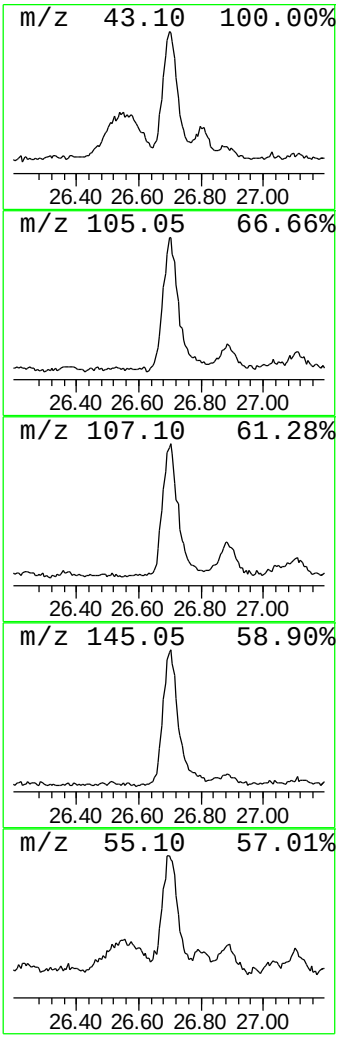
Peak Number 19 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	11.10 ng/ul	3396560	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	56
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

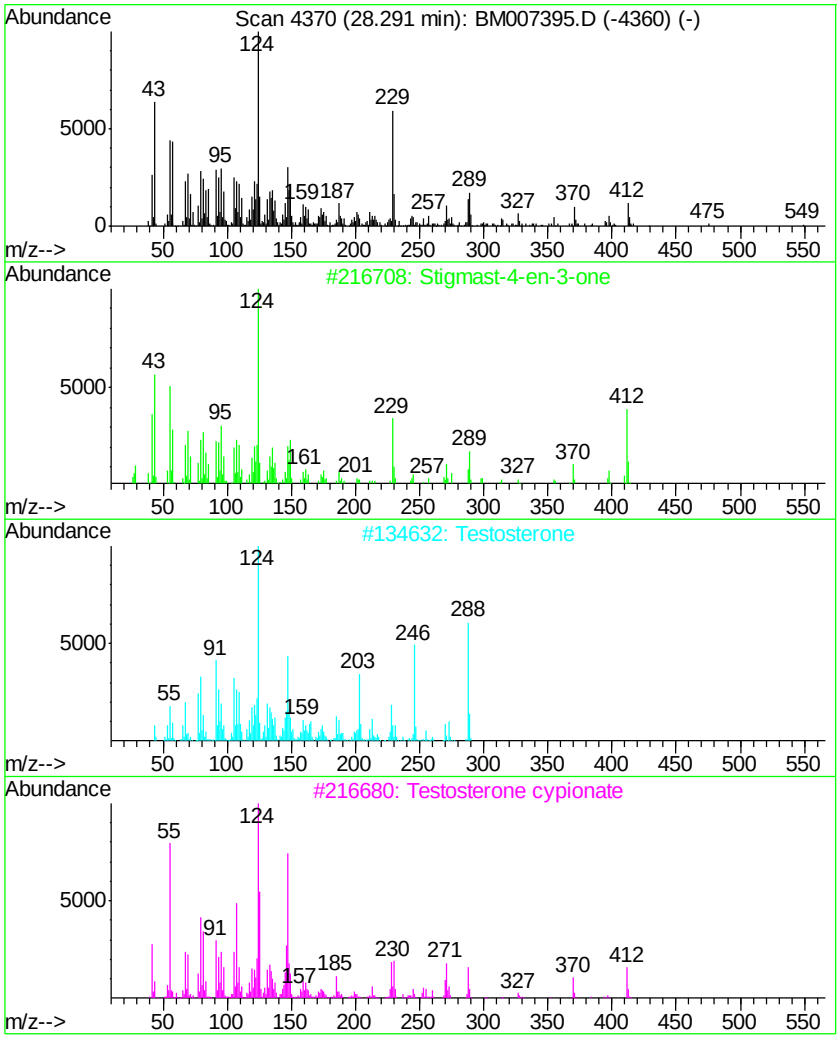
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

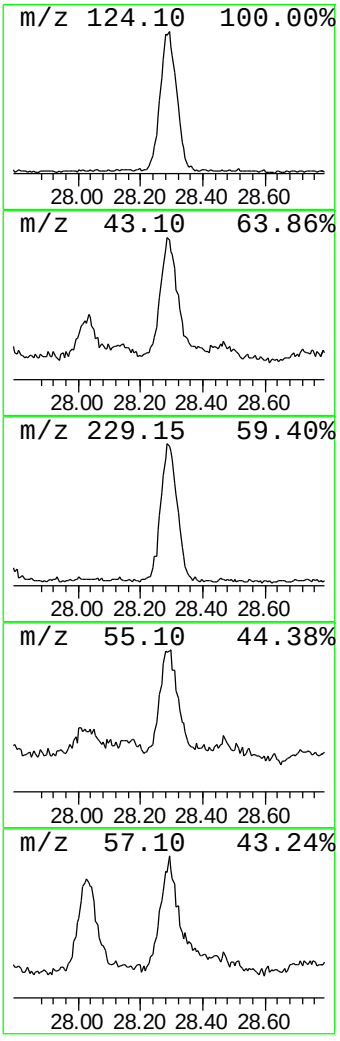
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.29	6.25 ng/ul	1911250	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2	Testosterone	288	C19H28O2	000058-22-0	50
3	Testosterone cypionate	412	C27H40O3	000058-20-8	49
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	46
5	Testosterone	288	C19H28O2	000058-22-0	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007395.D
Acq On : 03 Sep 2016 07:46
Operator : UM/SJ
Sample : H4655-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0004

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 3,...	17.76	2.9	ng/ul	681174	4	17.17	4687390	20.0
n-Hexadecanoic acid	18.06	5.4	ng/ul	1275330	4	17.17	4687390	20.0
1,1'-Biphenyl, 2,...	18.23	3.7	ng/ul	876247	4	17.17	4687390	20.0
2,2',3,6-Tetrachl...	18.52	3.0	ng/ul	697329	4	17.17	4687390	20.0
2,3,4',5-Tetrachl...	19.06	3.9	ng/ul	913079	4	17.17	4687390	20.0
1,1'-Biphenyl, 2,...	19.09	5.4	ng/ul	1274270	4	17.17	4687390	20.0
Heptadecyl heptaf...	21.06	4.1	ng/ul	1384910	5	21.35	6774750	20.0
Santonox	22.43	3.2	ng/ul	1075890	5	21.35	6774750	20.0
Supraene	22.53	2.1	ng/ul	647318	6	23.62	6120470	20.0
(DEL) Alkane: Str...	22.91	7.8	ng/ul	2385520	6	23.62	6120470	20.0
(DEL) Alkane: Cyc...	22.96	7.7	ng/ul	2351910	6	23.62	6120470	20.0
Oxirane, hexadecyl-	23.80	6.2	ng/ul	1896520	6	23.62	6120470	20.0
(DEL) Alkane: Str...	24.14	11.9	ng/ul	3627490	6	23.62	6120470	20.0
1-Heptacosanol	24.23	7.8	ng/ul	2382870	6	23.62	6120470	20.0
Cholesterol	24.90	3.0	ng/ul	931108	6	23.62	6120470	20.0
(DEL) Alkane: Str...	25.77	5.3	ng/ul	1630220	6	23.62	6120470	20.0
Stigmasterol	26.07	4.1	ng/ul	1261790	6	23.62	6120470	20.0
.beta.-Sitosterol	26.70	11.1	ng/ul	3396560	6	23.62	6120470	20.0
Stigmast-4-en-3-one	28.29	6.3	ng/ul	1911250	6	23.62	6120470	20.0