LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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	5.799	539	546	560	rBV2	168469	352091	2.14%	0.197%
2	6.846	718	724	735	rBV	464443	751229	4.57%	0.421%
3	6.963	735	744	762	rVB	580925	1035436	6.30%	0.580%
4	7.128	764	772	779	rBV	587986	955692	5.81%	0.536%
5	7.328	799	806	816	rVB	579601	934216	5.68%	0.524%
6	7.793	877	885	892	rBV	1086803	1824607	11.10%	1.023%
7	8.493	997	1004	1019	rBV	680176	1188754	7.23%	0.666%
8	8.945	1075	1081	1090	rBV	549645	922393	5.61%	0.517%
9	9.663	1197	1203	1215	rBV	489583	865190	5.26%	0.485%
10	10.204	1285	1295	1303	rBV	771887	1342607	8.16%	0.753%
11	10.581	1349	1359	1365	rBV	1657721	2846020	17.31%	1.595%
12	10.716	1374	1382	1391	rBV	562828	1059180	6.44%	0.594%
13	13.833	1902	1912	1916	rBV	1543672	2146918	13.06%	1.203%
14	13.880	1916	1920	1924	rVV	834916	1178172	7.16%	0.660%
15	13.916	1924	1926	1934	rVB	436475	562868	3.42%	0.316%
16	14.116	1954	1960	1972	rVB	1697773	2614219	15.90%	1.465%
17	14.427	2003	2013	2022	rBV3	3221502	5712598	34.74%	3.202%
18	14.627	2041	2047	2056	rBV	610690	1112094	6.76%	0.623%
19	15.421	2175	2182	2187	rBV	2191128	3333070	20.27%	1.868%
20	15.545	2196	2203	2213	rBV	594541	903851	5.50%	0.507%
21	15.774	2236	2242	2247	rVB4	113653	180540	1.10%	0.101%
22	16.180	2308	2311	2319	rVB	123674	190386	1.16%	0.107%
23	16.404	2345	2349	2354	rVB	172078	238355	1.45%	0.134%
24	16.710	2396	2401	2407	rVV2	180882	338692	2.06%	0.190%
25	16.774	2407	2412	2417	rVB	456186	612759	3.73%	0.343%
26	16.980	2442	2447	2453	rVB2	481475	672042	4.09%	0.377%
27	17.051	2453	2459	2462	rBV2	892219	1346833	8.19%	0.755%
28	17.080	2462	2464	2469	rVB	306877	388638	2.36%	0.218%
29	17.168	2469	2479	2484	rBV2	3867814	6352423	38.63%	3.561%
30	17.210	2484	2486	2490	rVV	384314	476541	2.90%	0.267%
31	17.268	2490	2496	2504	rVV2	2697429	3985678	24.24%	2.234%
32	17.345	2504	2509	2515	rVB	759993	1168708	7.11%	0.655%
33	17.621	2551	2556	2559	rBV	357136	501920	3.05%	0.281%
34	17.651	2559	2561	2566	rVB2	178034	228799	1.39%	0.128%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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	17.762	2573	2580	2588	rBV	3271975	6841955	41.61%	3.835%
36	17.892	2595	2602	2607	rBV3	1115068	2022517	12.30%	1.134%
37	17.962	2607	2614	2618	rBV2	185631	280767	1.71%	0.157%
38	18.015	2618	2623	2627	rBV	820888	1157232	7.04%	0.649%
39	18.068	2627	2632	2640	rVB3	1106200	1817307	11.05%	1.019%
40	18.180	2646	2651	2655	rBV2	269553	398629	2.42%	0.223%
41	18.239	2655	2661	2666	rVV	4000337	5461165	33.21%	3.061%
42	18.298	2666	2671	2675	rVV	2483108	3414878	20.77%	1.914%
43	18.339	2675	2678	2685	rVB	1656175	2191925	13.33%	1.229%
44	18.521	2704	2709	2714	rBV	3176721	4585315	27.89%	2.570%
45	18.568	2714	2717	2722	rVV	985823	1357074	8.25%	0.761%
46	18.621	2722	2726	2730	rVV	906303	1245466	7.57%	0.698%
47	18.662	2730	2733	2736	rVV	911352	1194137	7.26%	0.669%
48	18.698	2736	2739	2745	rVB	1882181	2326013	14.15%	1.304%
49	18.798	2752	2756	2761	rVB	642275	842301	5.12%	0.472%
50	18.951	2778	2782	2785	rBV2	127856	169034	1.03%	0.095%
51	19.009	2786	2792	2796	rVV	1502061	1988577	12.09%	1.115%
52	19.062	2796	2801	2803	rVV	3257844	4458105	27.11%	2.499%
53	19.098	2803	2807	2814	rVB2	3434143	5187944	31.55%	2.908%
54	19.168	2816	2819	2823	rBV	295414	394393	2.40%	0.221%
55	19.227	2824	2829	2833	rVV	937202	1308733	7.96%	0.734%
56	19.280	2833	2838	2840	rVV	1866863	2334990	14.20%	1.309%
57	19.309	2840	2843	2849	rVV	1587136	2876225	17.49%	1.612%
58	19.368	2849	2853	2860	rVB	1759339	2363216	14.37%	1.325%
59	19.433	2860	2864	2868	rBV	733182	894957	5.44%	0.502%
60	19.562	2881	2886	2894	rBV3	3571068	5919964	36.00%	3.318%
61	19.627	2894	2897	2901	rVB	473218	605531	3.68%	0.339%
62	19.709	2907	2911	2915	rVB	649846	782091	4.76%	0.438%
63	19.762	2916	2920	2924	rBV4	401355	592053	3.60%	0.332%
64	19.815	2925	2929	2933	rVV	1222499	1520108	9.24%	0.852%
65	19.862	2935	2937	2940	rVB	235164	217460	1.32%	0.122%
66	19.956	2949	2953	2957	rBV2	1008351	1351178	8.22%	0.757%
67	19.998	2957	2960	2964	rVB	828975	973708	5.92%	0.546%
68	20.092	2969	2976	2979	rBV	1335994	2167112	13.18%	1.215%
69	20.127	2979	2982	2987	rVB	869250	1068170	6.50%	0.599%
70	20.439	3031	3035	3041	rVB2	505290	649233	3.95%	0.364%
71	20.598	3060	3062	3067	rVB	352550	377428	2.30%	0.212%

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Instrument : BNA_M
ClientSampleId : C0001

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	20.815	3092	3099	3107	rVB	13244964	16443646	100.00%	9.218%
73	21.056	3135	3140	3143	rBV2	1752852	2563819	15.59%	1.437%
74	21.092	3143	3146	3151	rVB	2404677	2955914	17.98%	1.657%
75	21.262	3171	3175	3180	rVB	3607319	4010798	24.39%	2.248%
76	21.356	3185	3191	3195	rBV	5457372	7825773	47.59%	4.387%
77	21.521	3215	3219	3223	rVB	1534655	1891497	11.50%	1.060%
78	21.574	3224	3228	3232	rVV	2515939	2952735	17.96%	1.655%
79	21.615	3232	3235	3238	rVV	794550	1053309	6.41%	0.590%
80	21.645	3238	3240	3250	rVB	908923	1164831	7.08%	0.653%
81	23.486	3547	3553	3558	rBV2	2131302	3868458	23.53%	2.168%
82	23.627	3572	3577	3595	rVB2	2906516	6153135	37.42%	3.449%
83	24.144	3661	3665	3675	rVB	737457	1423053	8.65%	0.798%
84	24.568	3733	3737	3751	rVB	1068043	2332541	14.19%	1.308%
85	24.903	3790	3794	3809	rVB6	808270	2095904	12.75%	1.175%

Sum of corrected areas: 178395823

LSC Report - Integrated Chromatogram

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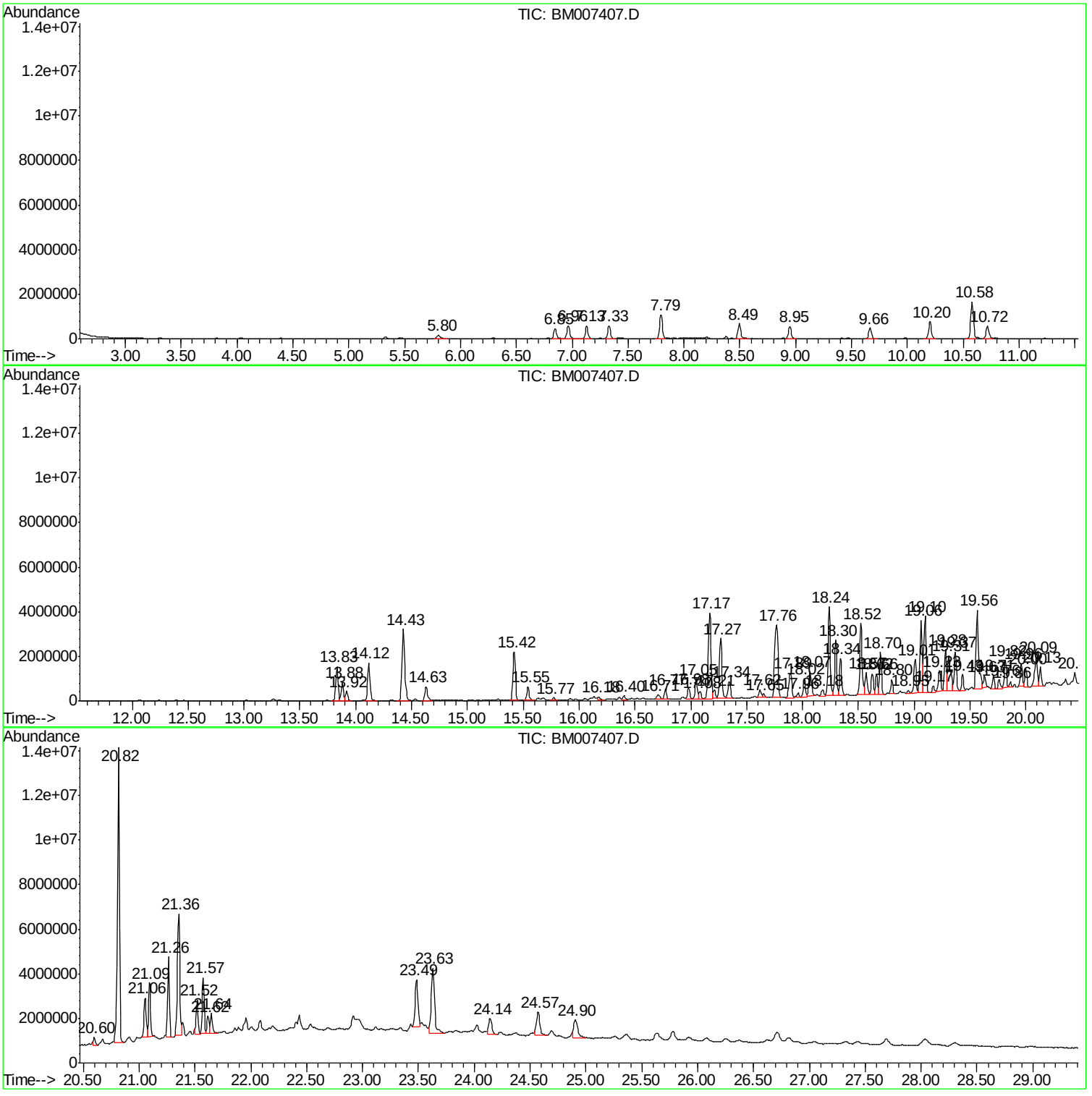
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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 : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

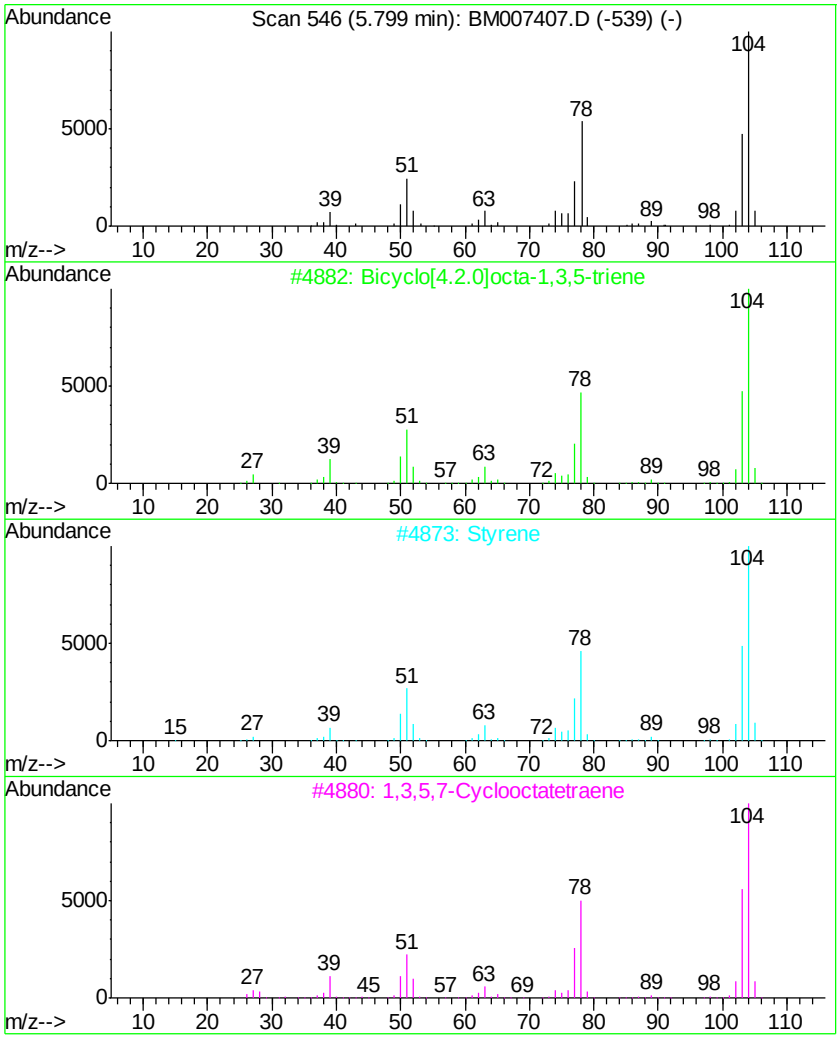
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

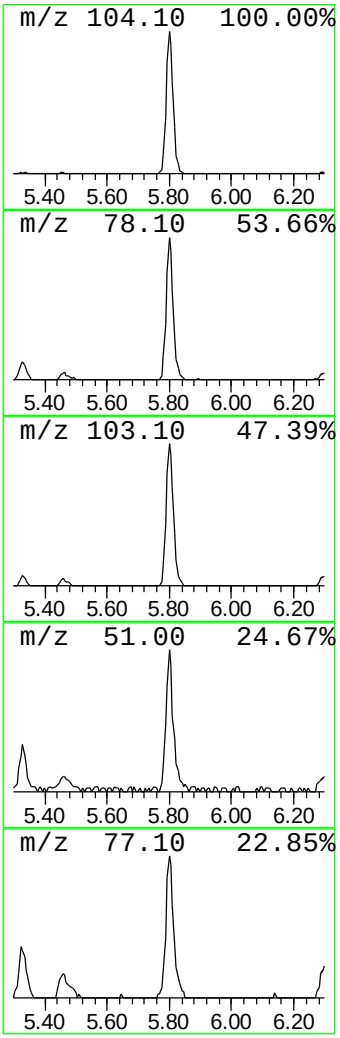
****

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.86 ng/ul	352091	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Styrene	104	C8H8	000100-42-5	95
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

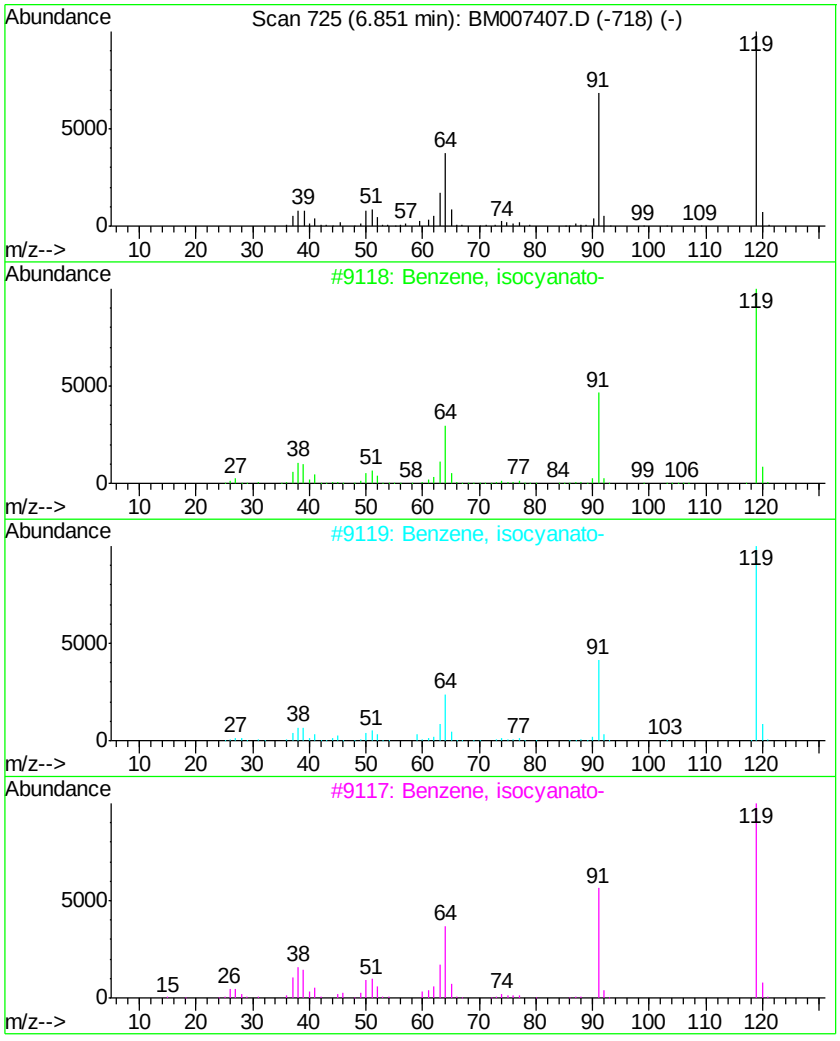
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

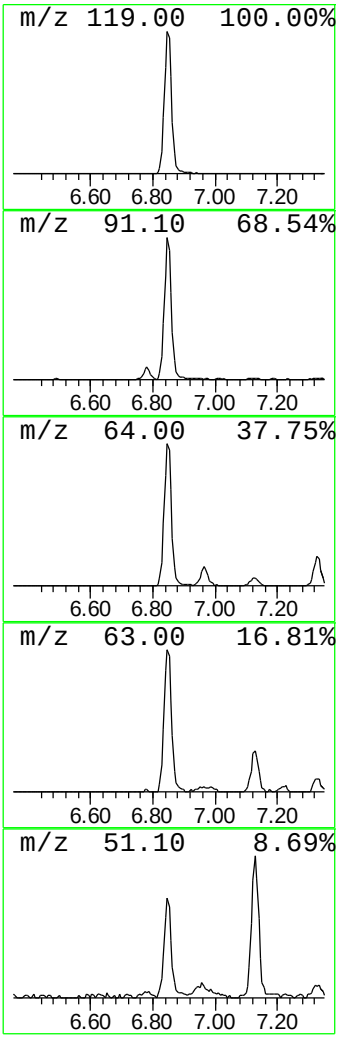
****

Peak Number 2 Benzene, isocyanato- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	8.23 ng/ul	751229	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, isocyanato-	119	C7H5NO	000103-71-9	95
2	Benzene, isocyanato-	119	C7H5NO	000103-71-9	94
3	Benzene, isocyanato-	119	C7H5NO	000103-71-9	91
4	Benzene, azido-	119	C6H5N3	000622-37-7	90
5	Benzonitrile, 4-hydroxy-	119	C7H5NO	000767-00-0	86





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

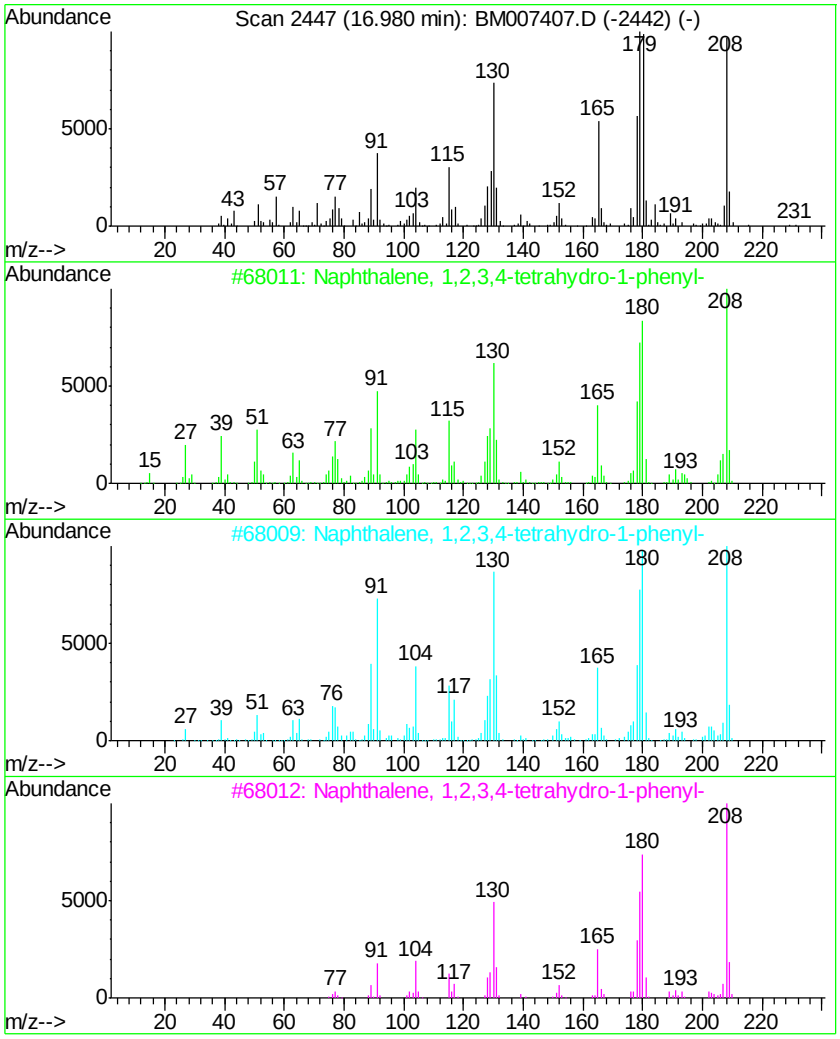
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

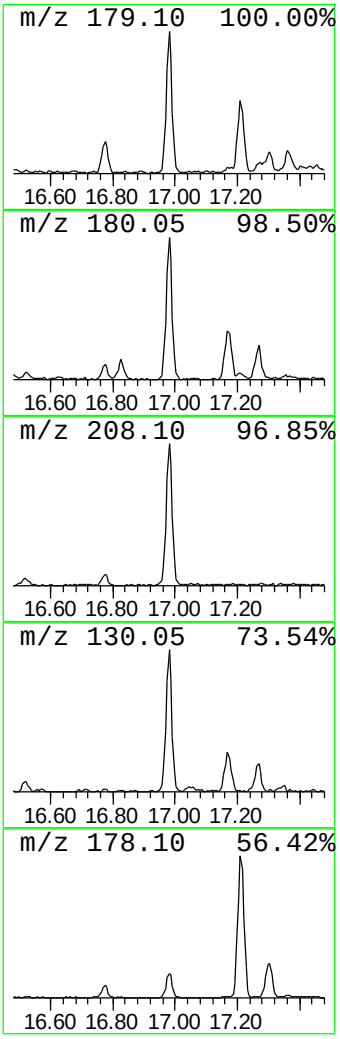
****

Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.12 ng/ul	672042	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	92
2	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	91
4	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	78
5	Dibenzosuberone	208	C15H12O	001210-35-1	58





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Quant Title : SVOA CALIBRATION

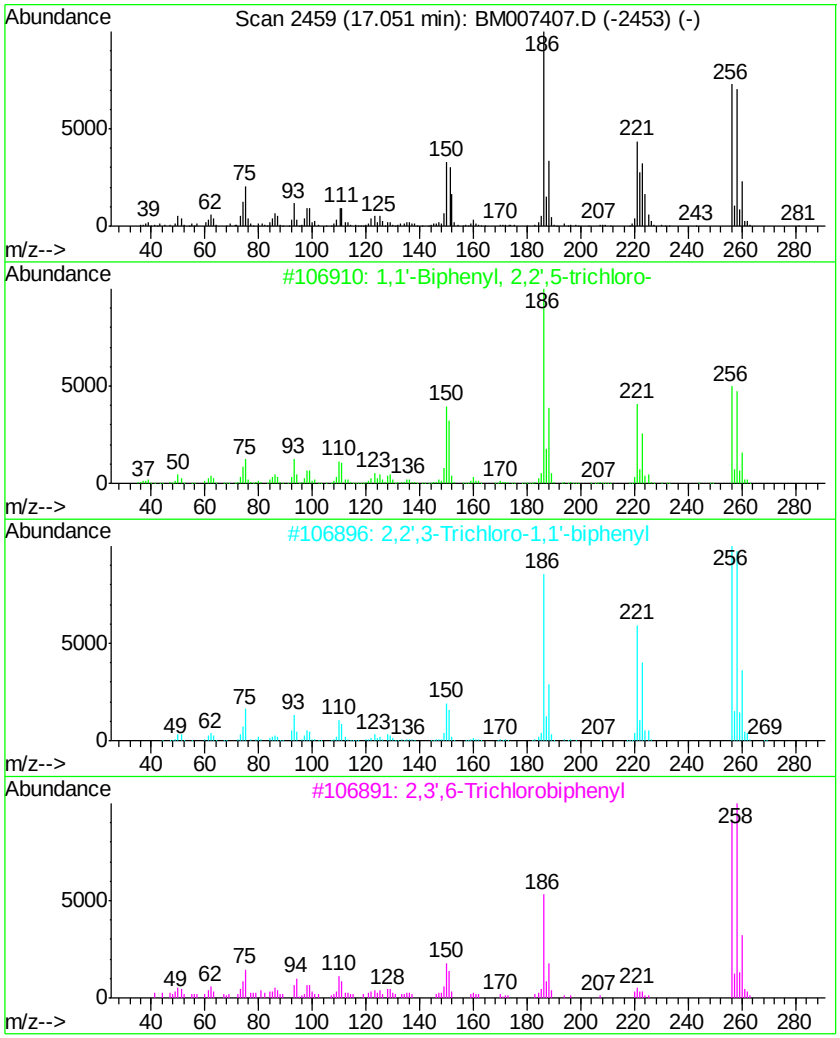
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

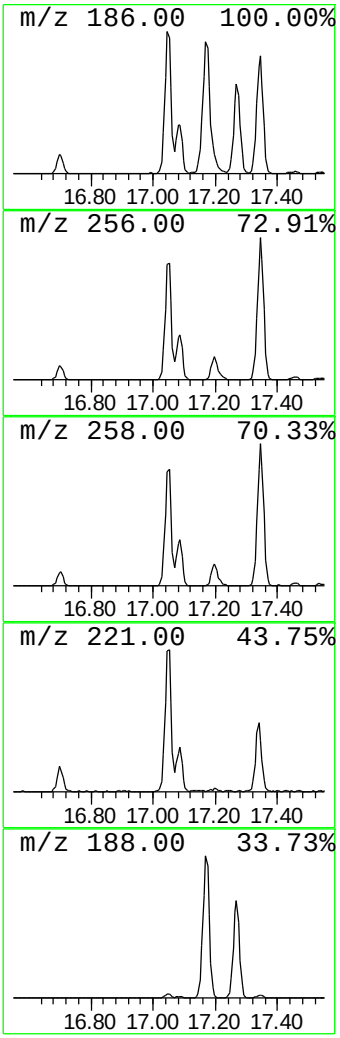
****

Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	4.24 ng/ul	1346830	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	96
3	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	96
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95





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Sample : H4655-01
Misc :
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Instrument : BNA_M
ClientSampleId : C0001

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

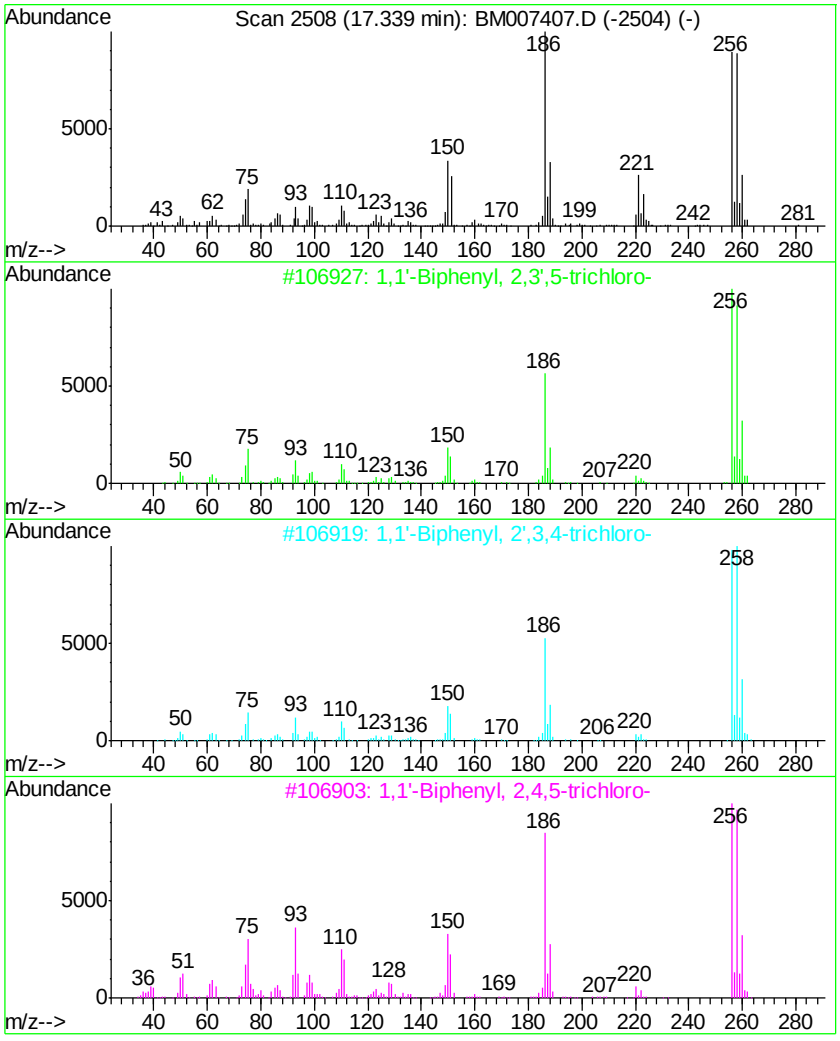
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

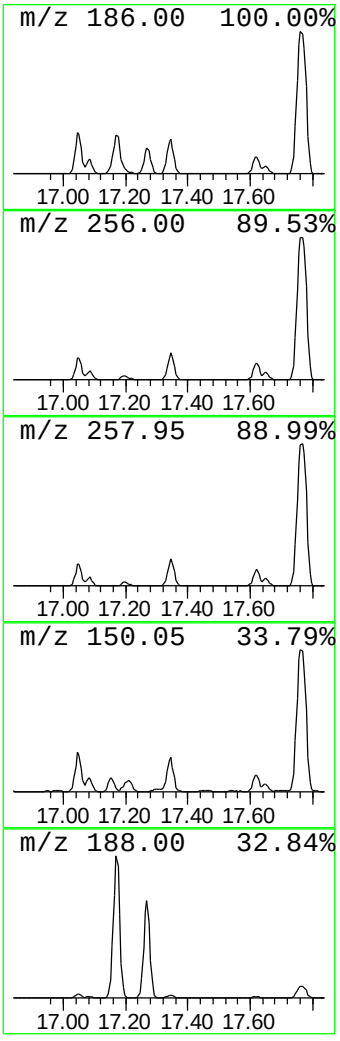
****

Peak Number 5 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	3.68 ng/ul	1168710	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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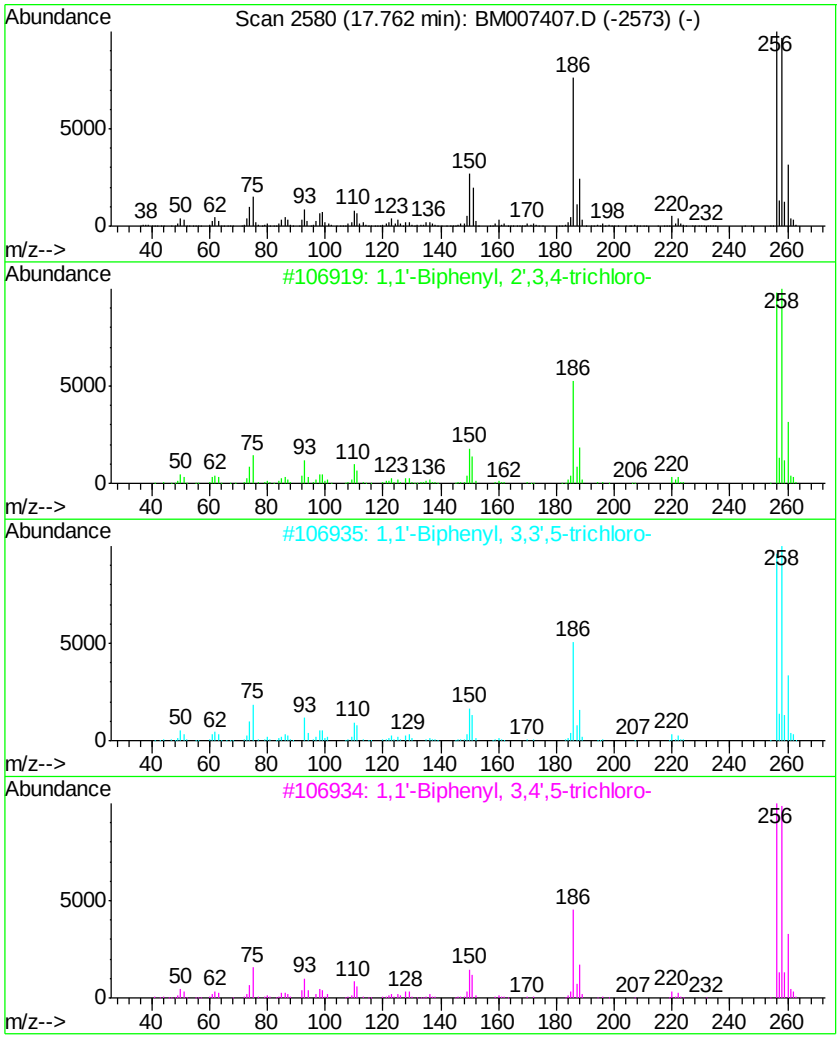
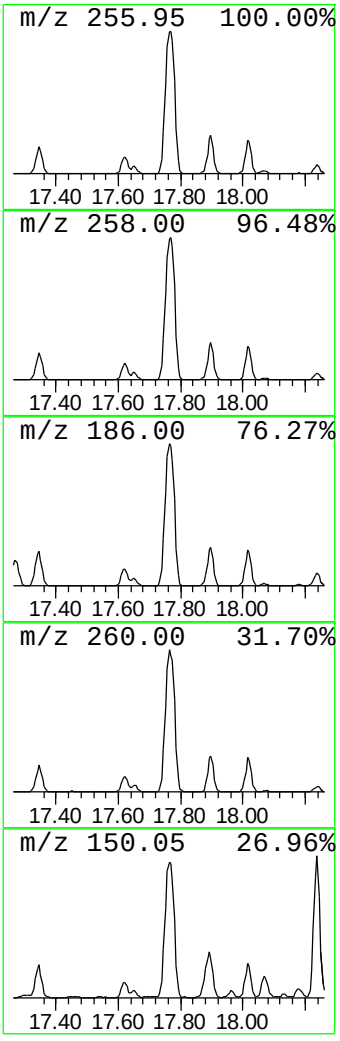
****

Peak Number 6 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	21.54 ng/ul	6841960	Phenanthrene-d10	17.17

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





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Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

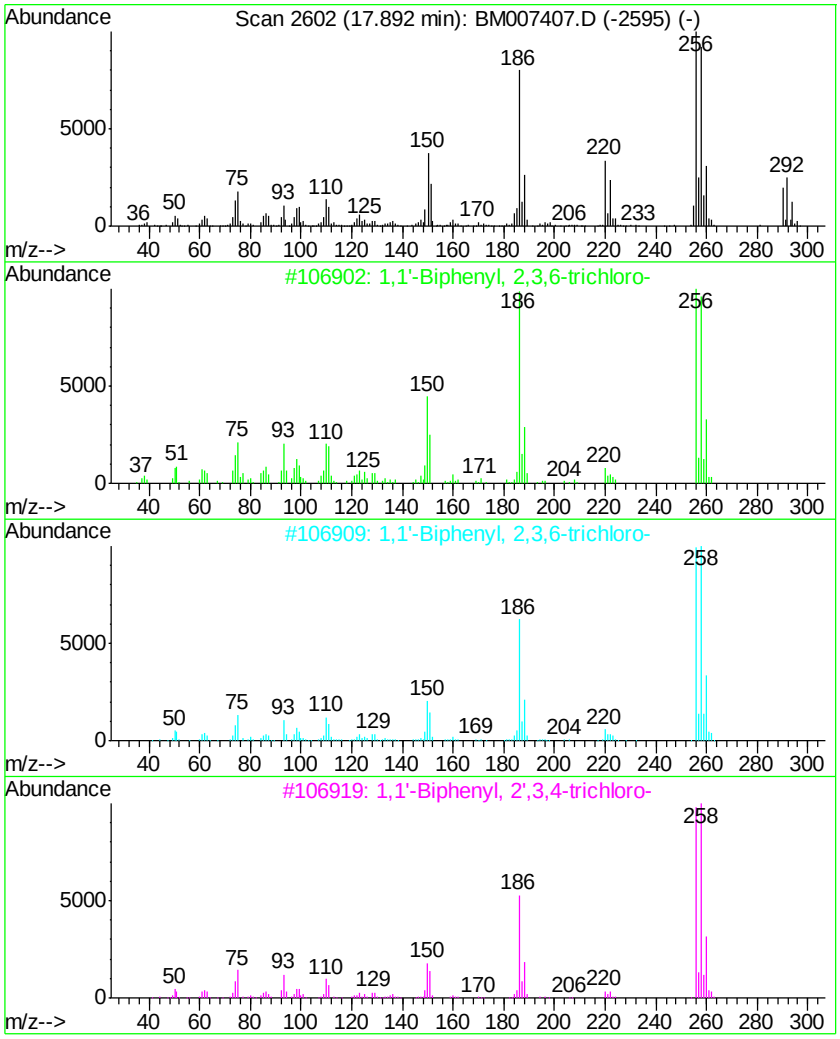
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

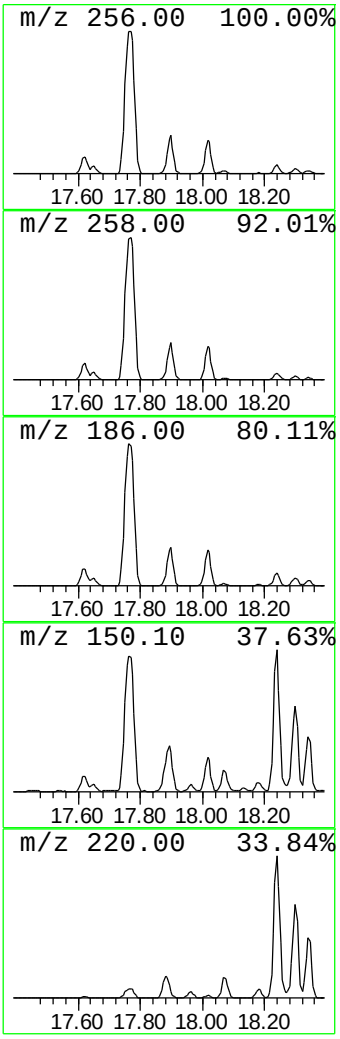
****

Peak Number 7 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.37 ng/ul	2022520	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	97
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	97
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	96





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Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

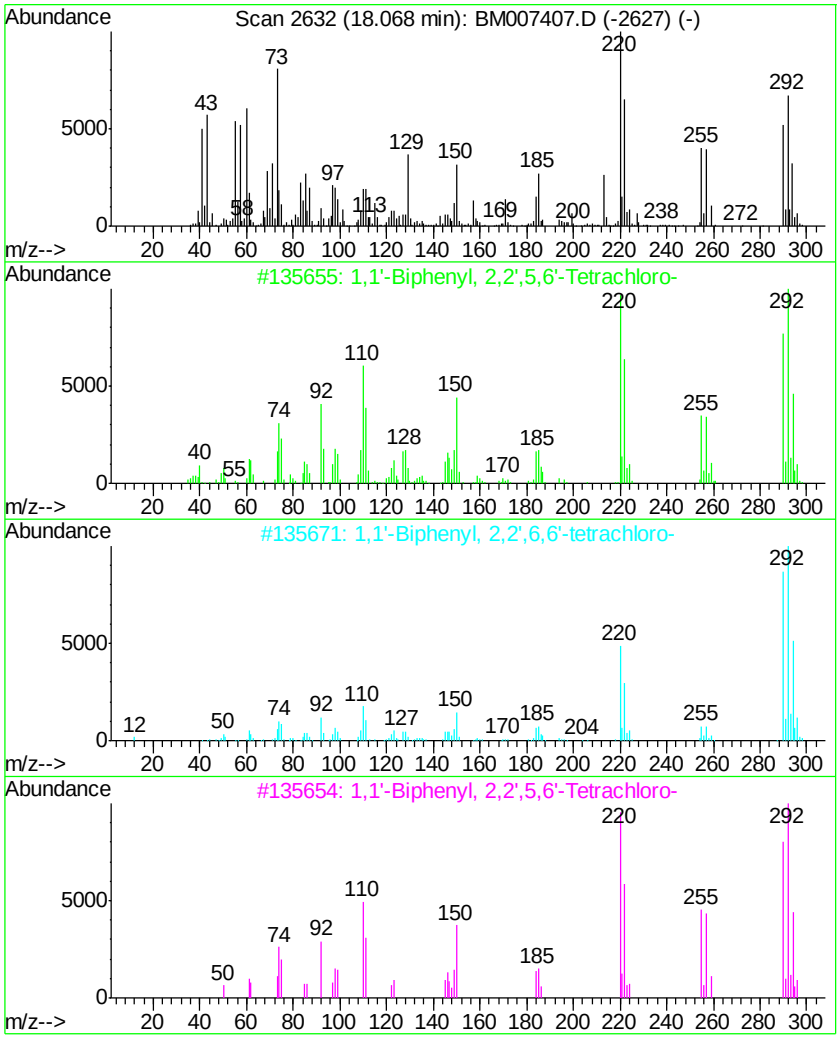
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

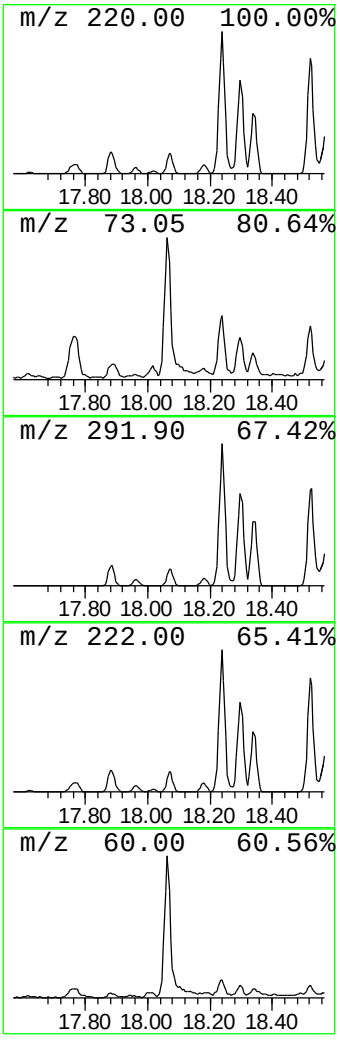
****

Peak Number 9 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.72 ng/ul	1817310	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	95
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	95
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	95





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Data File : BM007407.D
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Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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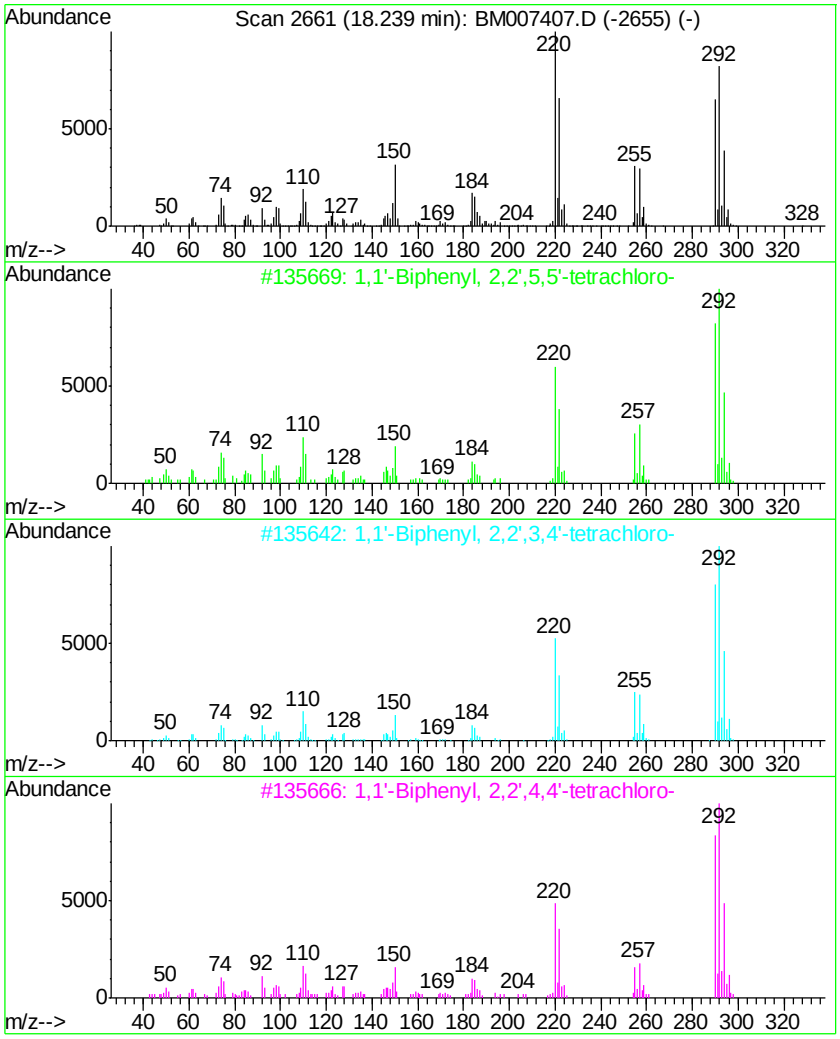
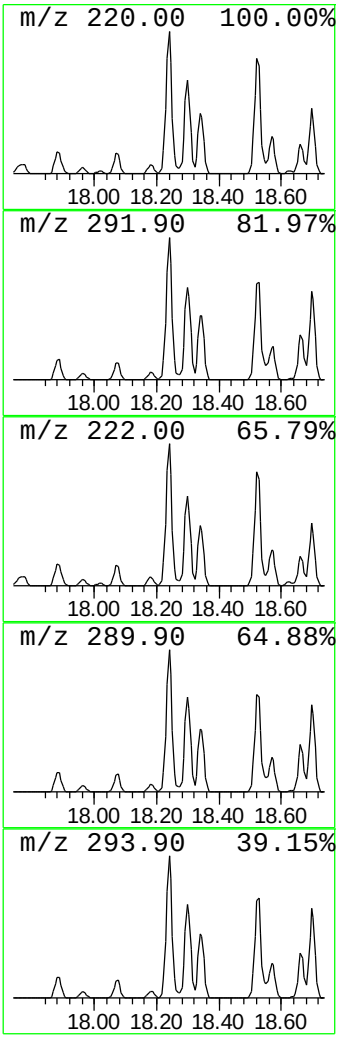
Peak Number 10 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	17.19 ng/ul	5461170	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	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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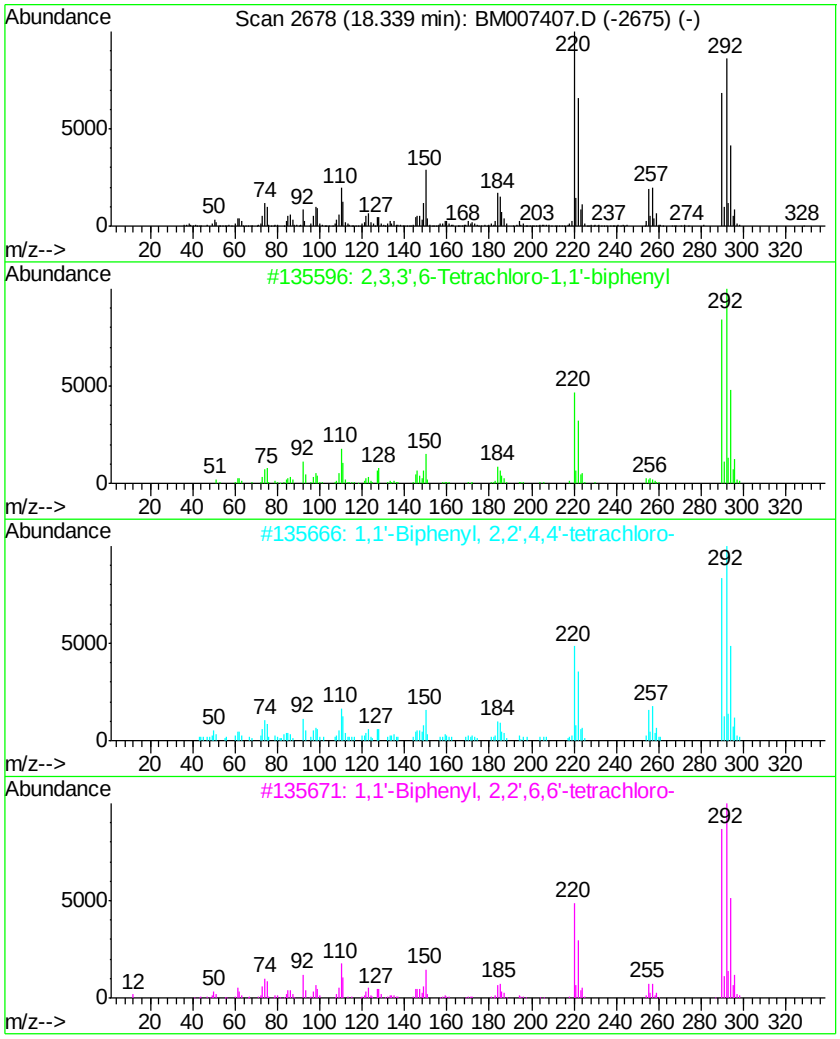
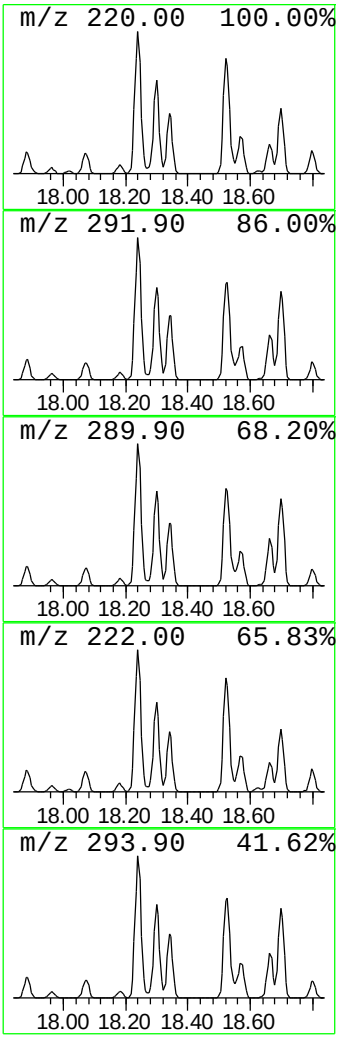
Peak Number 12 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.90 ng/ul	2191930	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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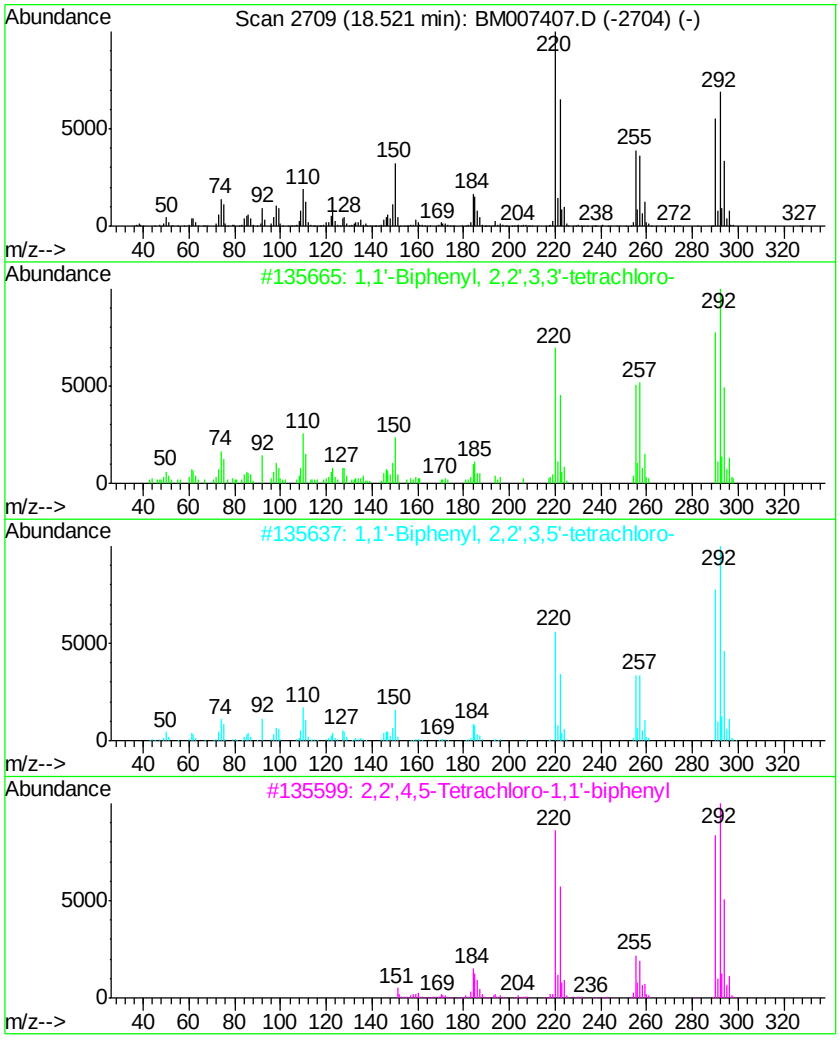
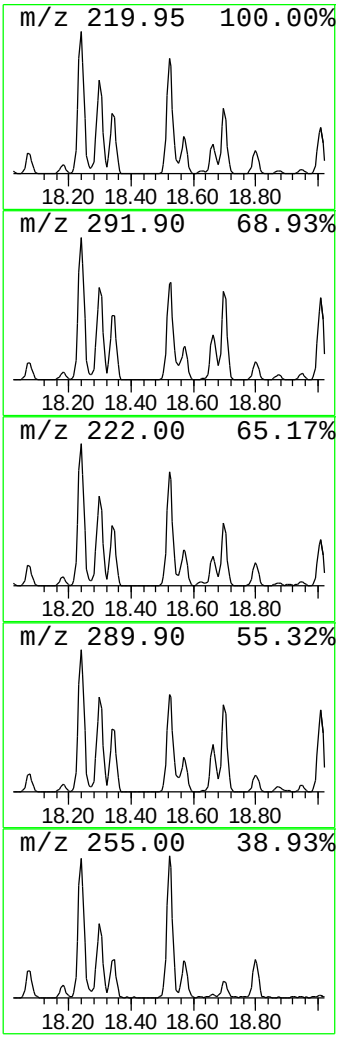
Peak Number 13 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	14.44 ng/ul	4585320	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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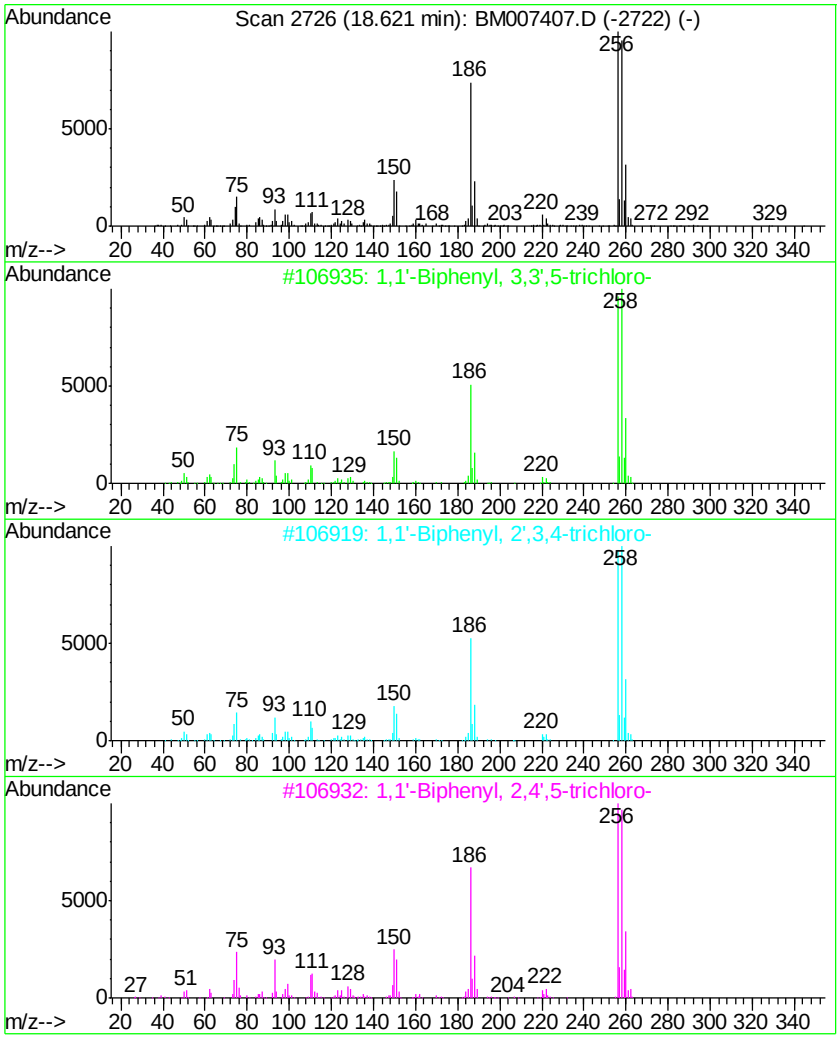
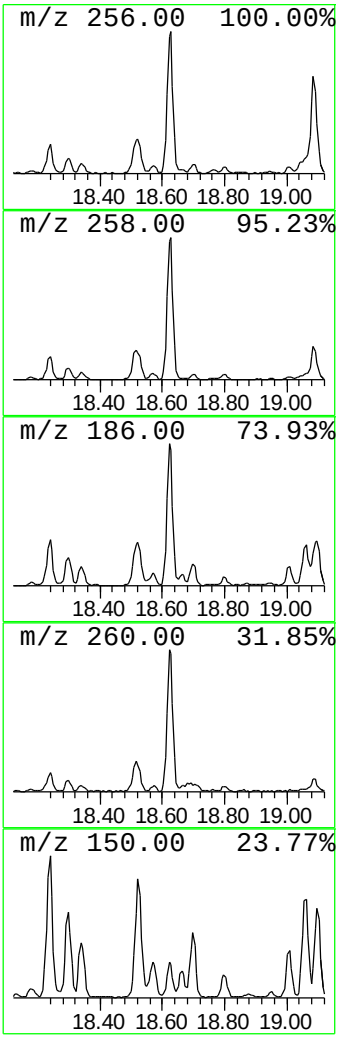
Peak Number 15 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.92 ng/ul	1245470	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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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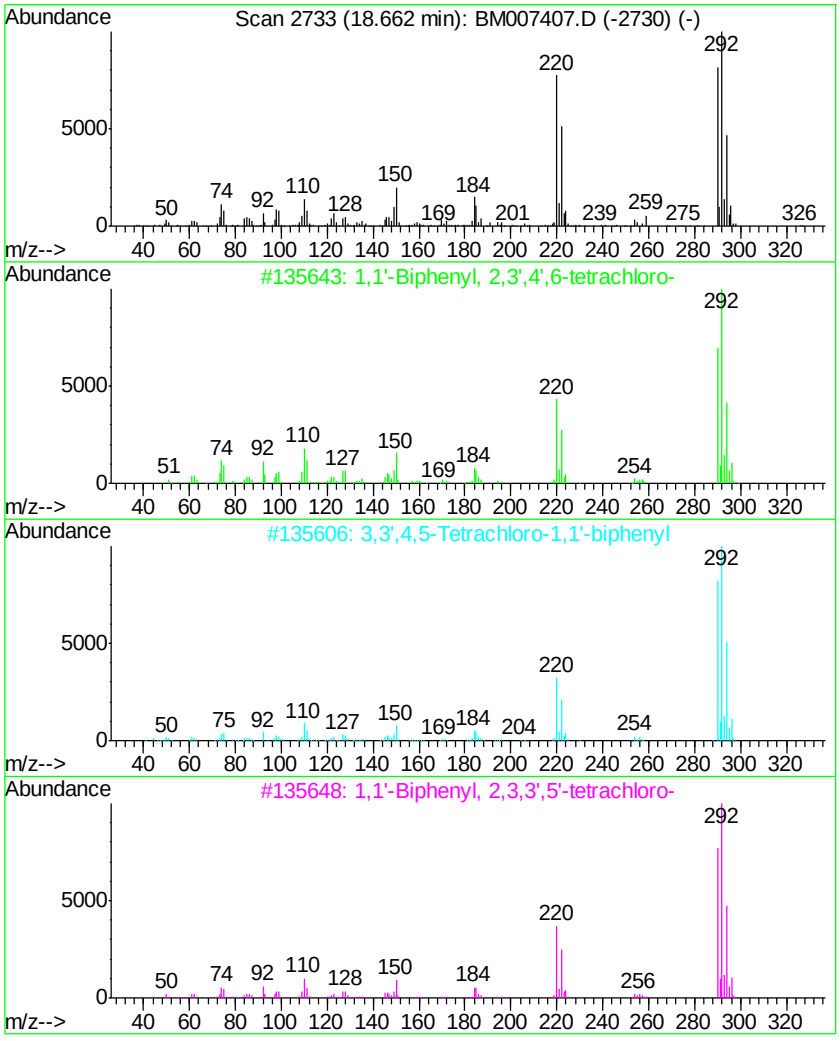
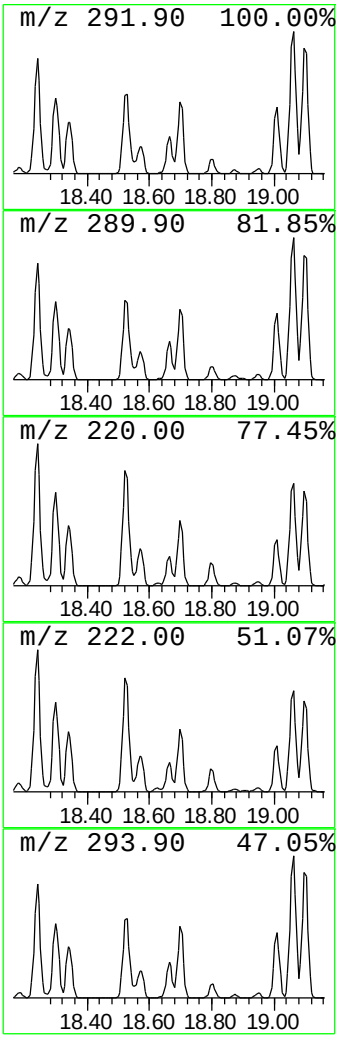
Peak Number 16 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.76 ng/ul	1194140	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	98
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	97
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	96





Library Search Compound Report

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Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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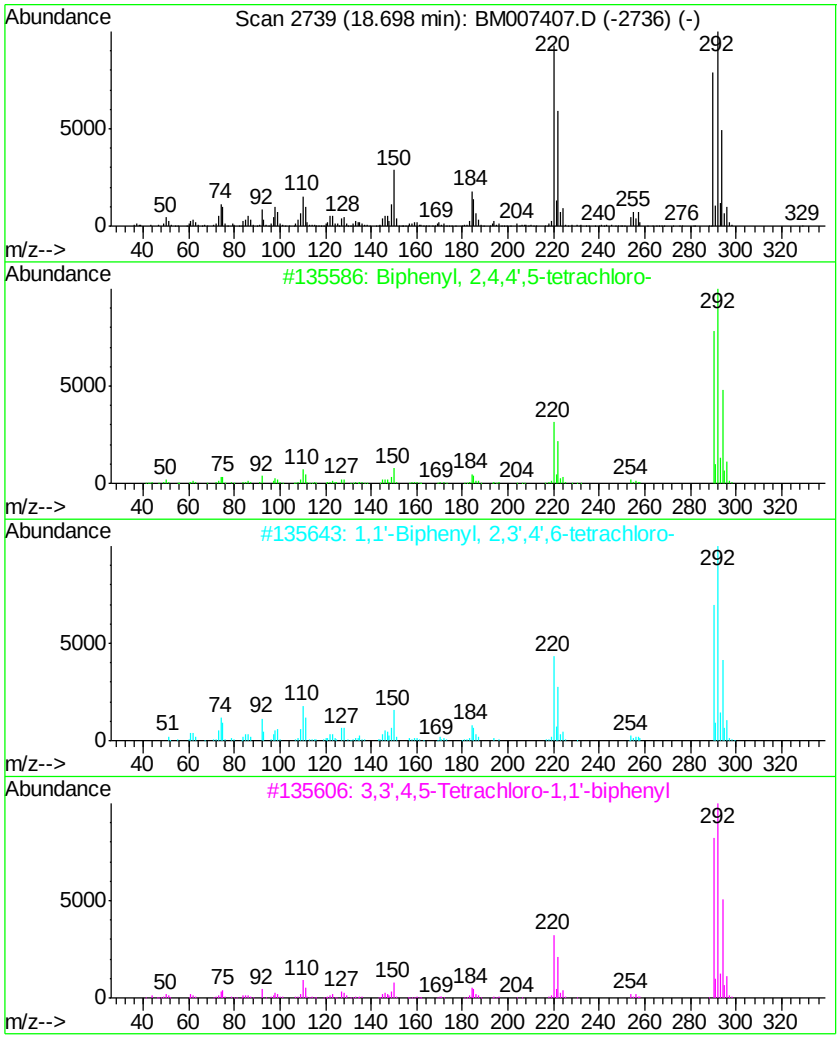
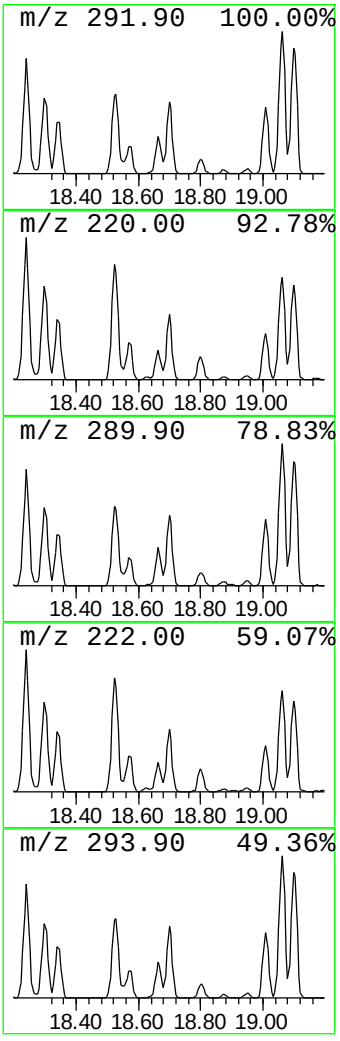
Peak Number 17 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	7.32 ng/ul	2326010	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





Library Search Compound Report

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Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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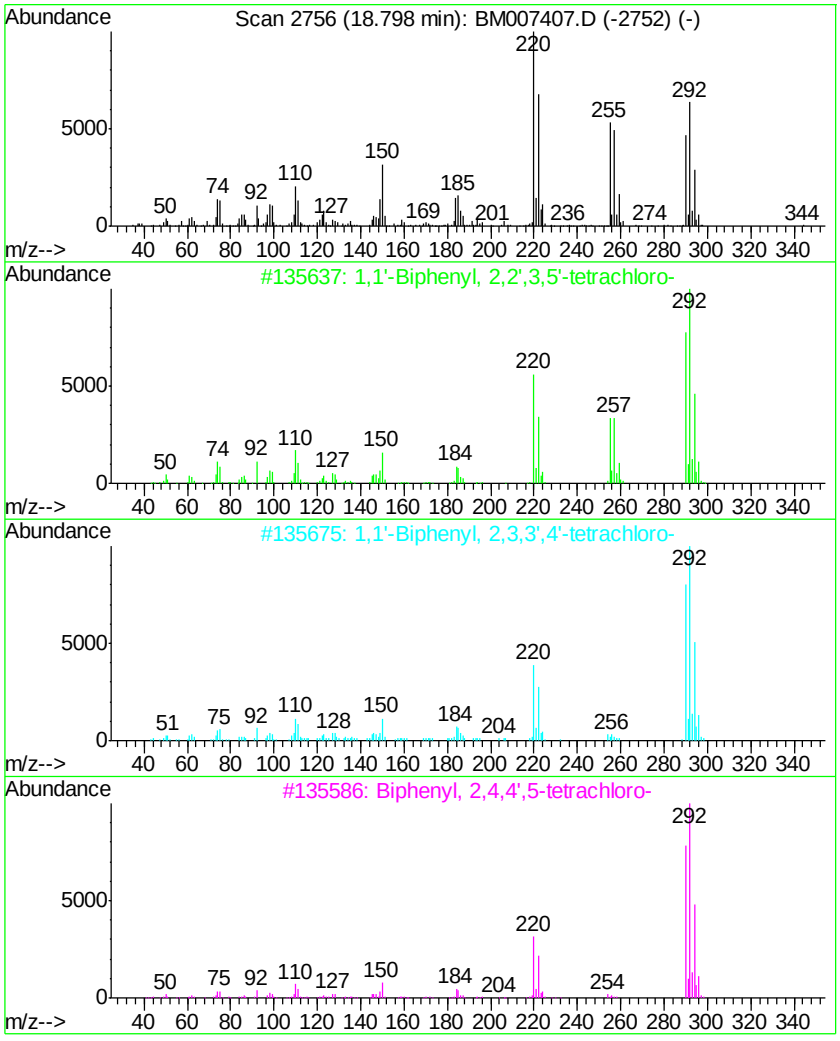
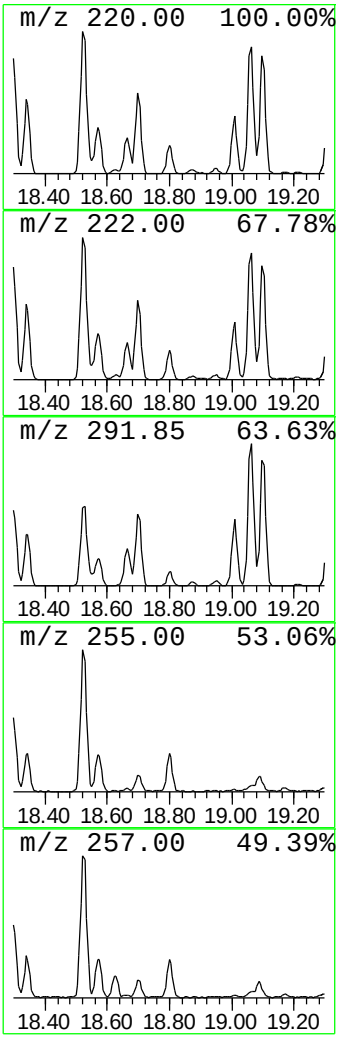
Peak Number 18 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.65 ng/ul	842301	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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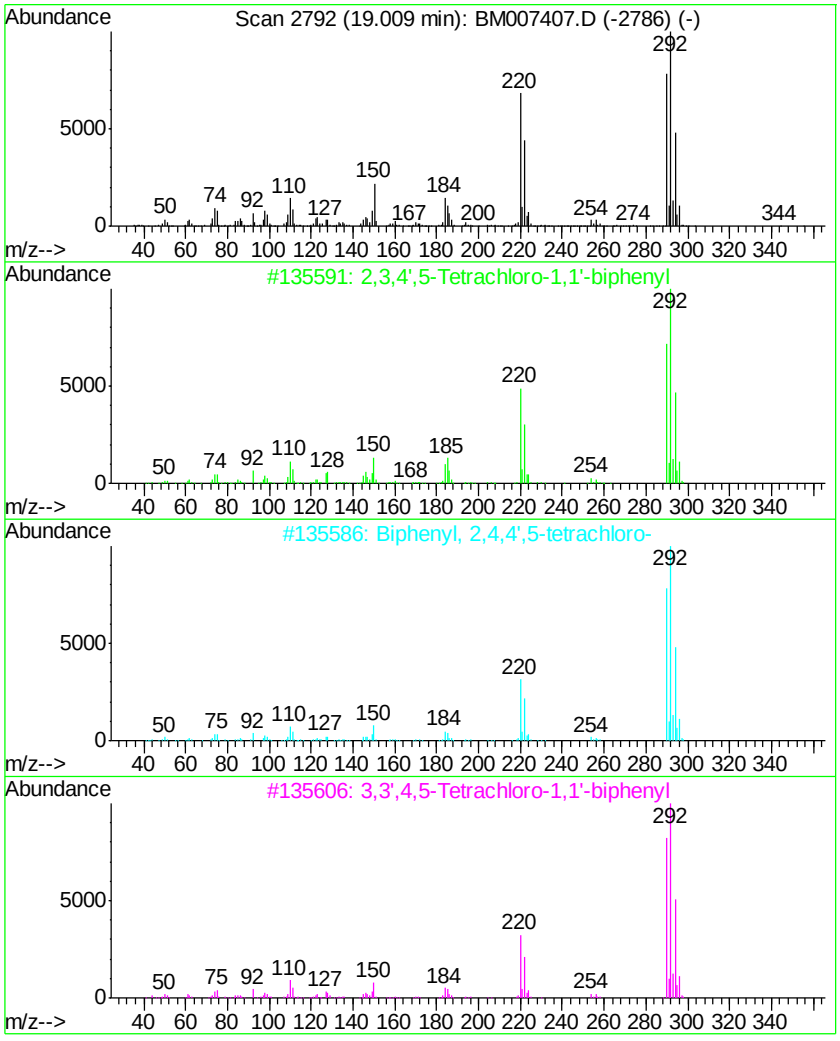
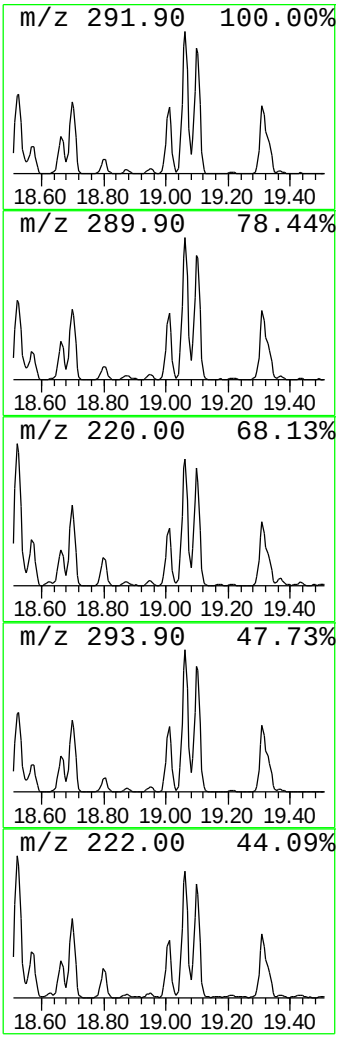
Peak Number 19 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	6.26 ng/ul	1988580	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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Data File : BM007407.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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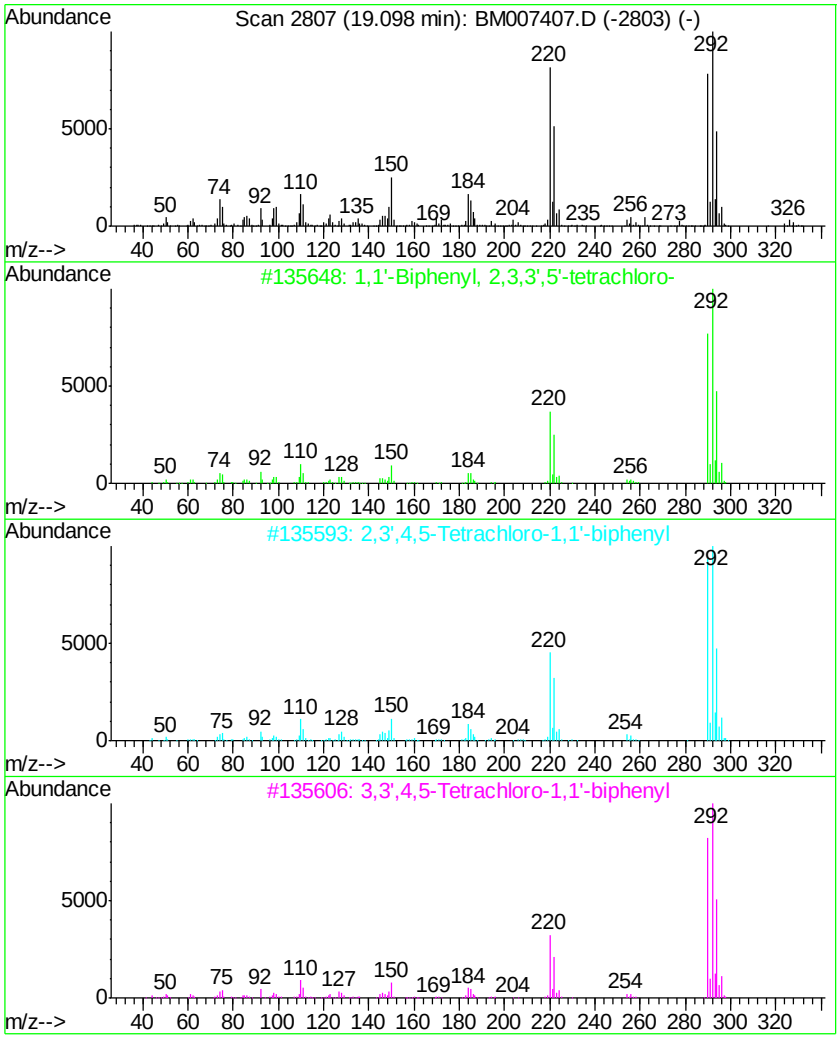
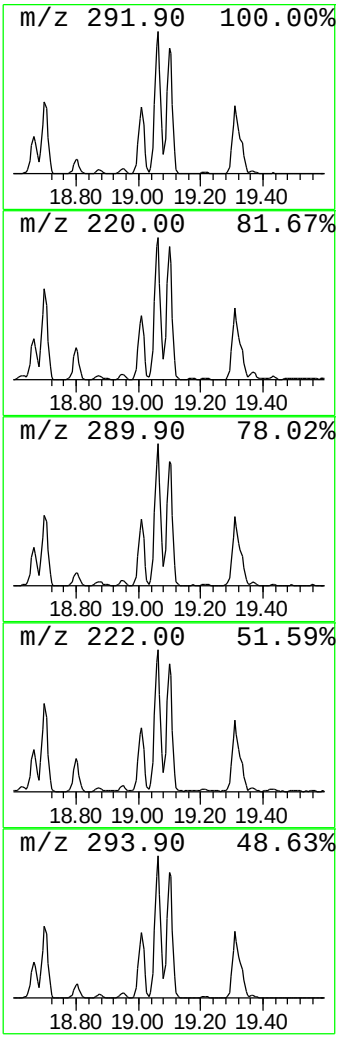
Peak Number 21 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	16.33 ng/ul	5187940	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	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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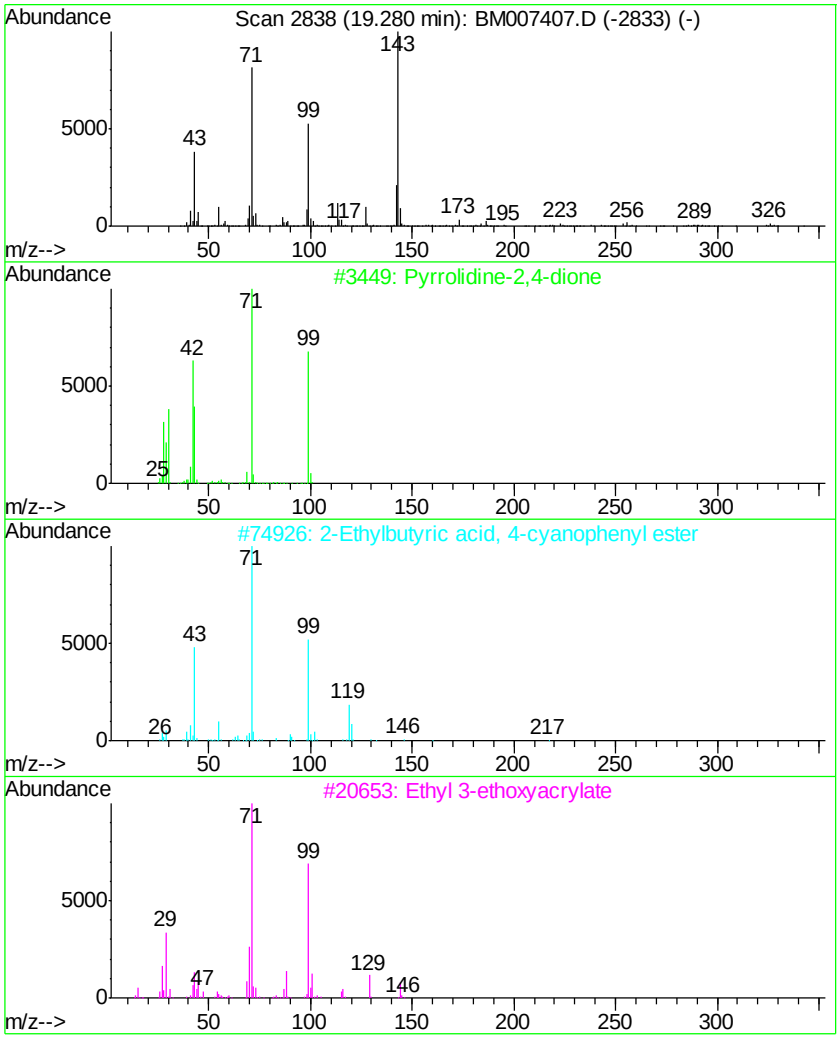
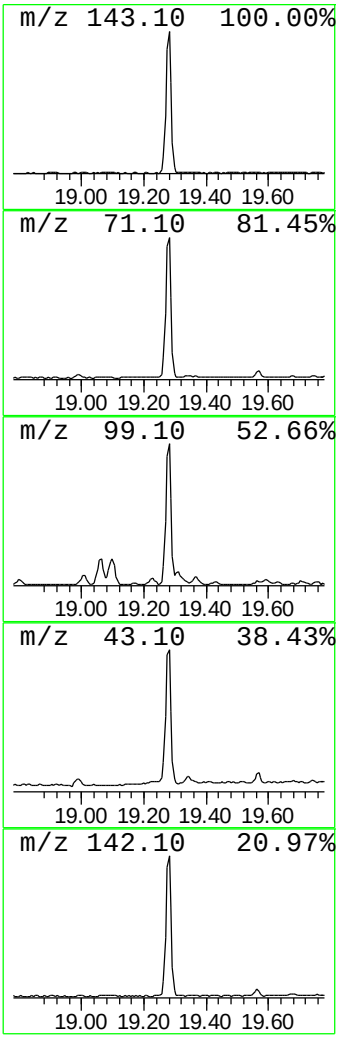
Peak Number 22 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	5.97 ng/ul	2334990	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	38
2	2-Ethylbutyric acid, 4-cyanophen...	217	C13H15NO2	1000369-61-1	38
3	Ethyl 3-ethoxyacrylate	144	C7H12O3	001001-26-9	38
4	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	38
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	35





Library Search Compound Report

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ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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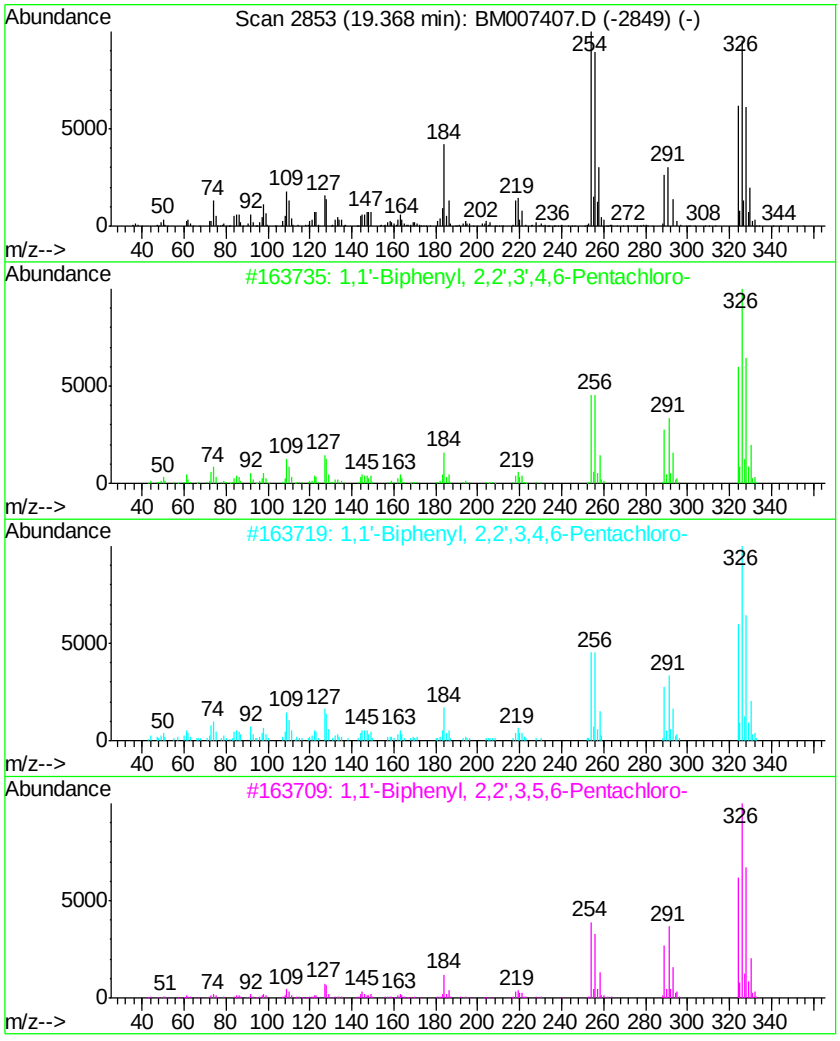
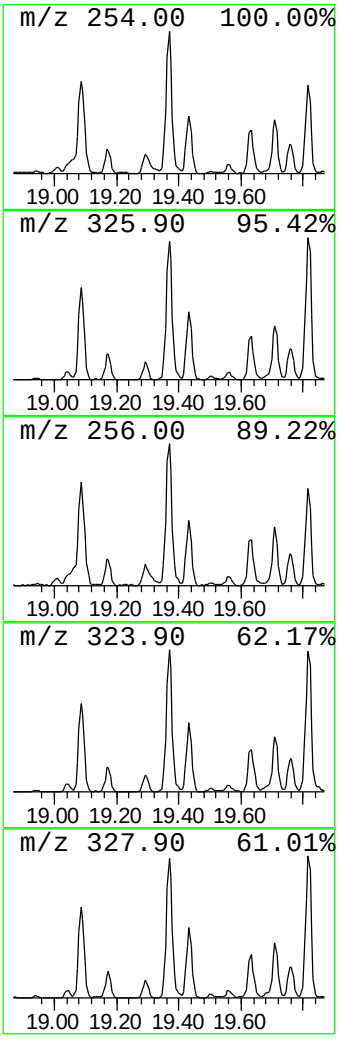
Peak Number 24 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	6.04 ng/ul	2363220	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	98
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	97
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





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Quant Title : SVOA CALIBRATION

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

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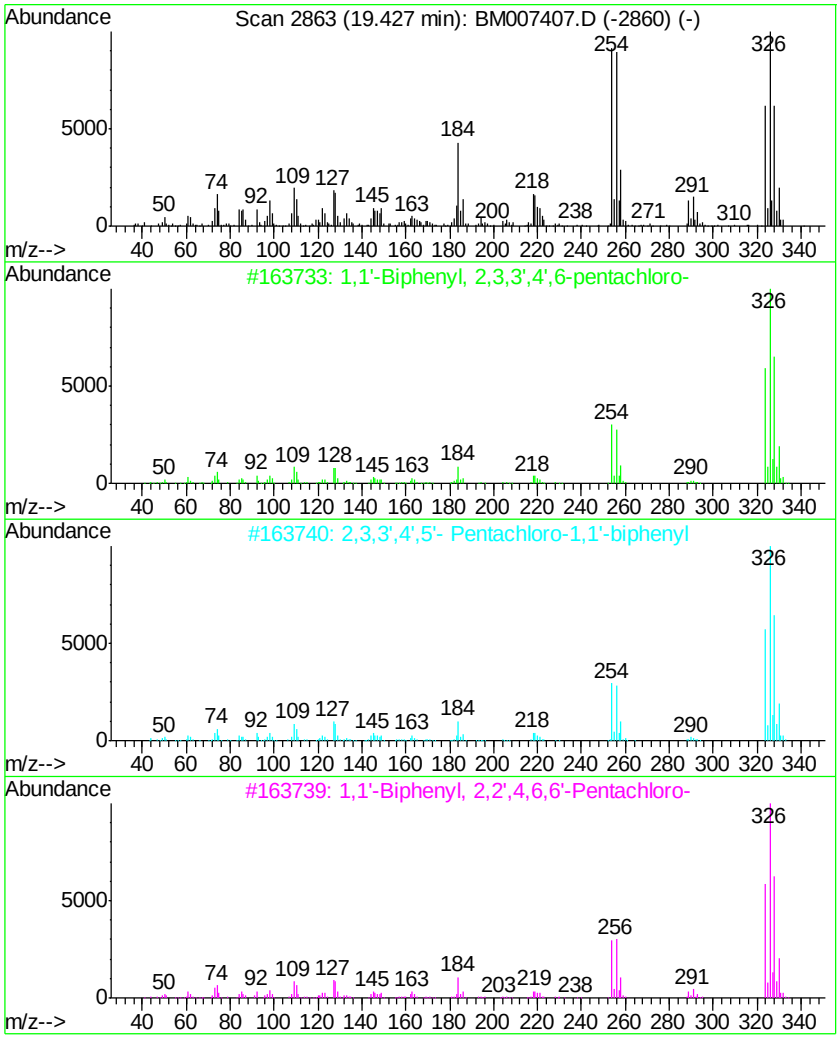
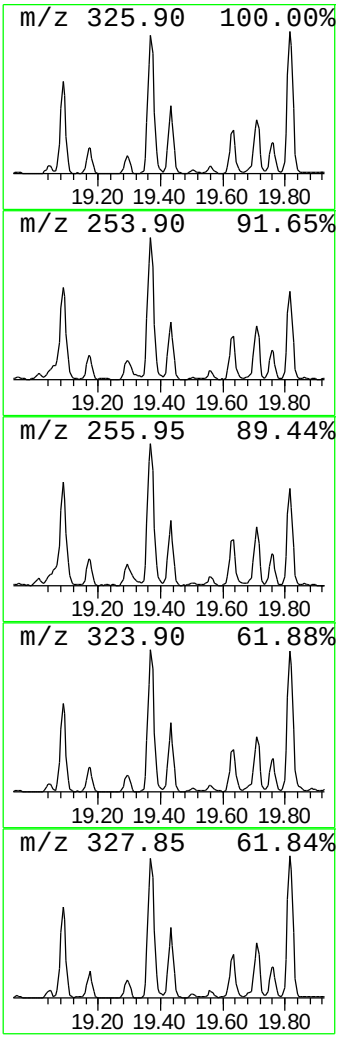
Peak Number 25 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.29 ng/ul	894957	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Instrument : BNA_M
ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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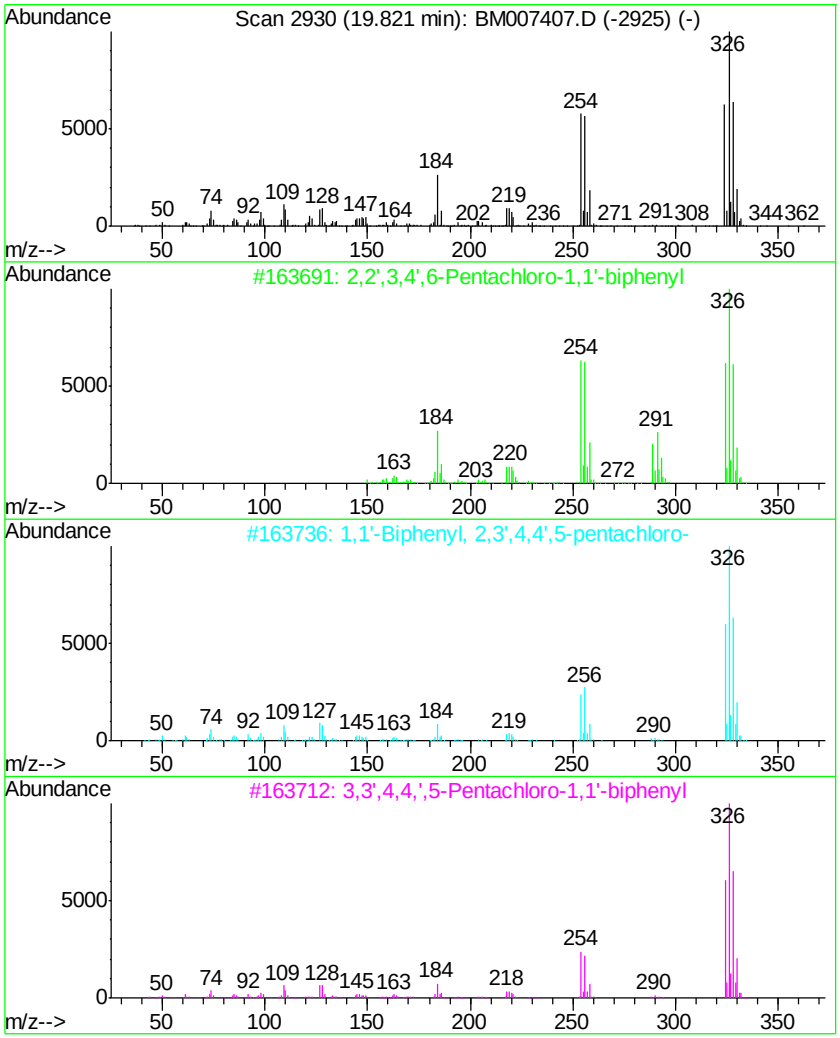
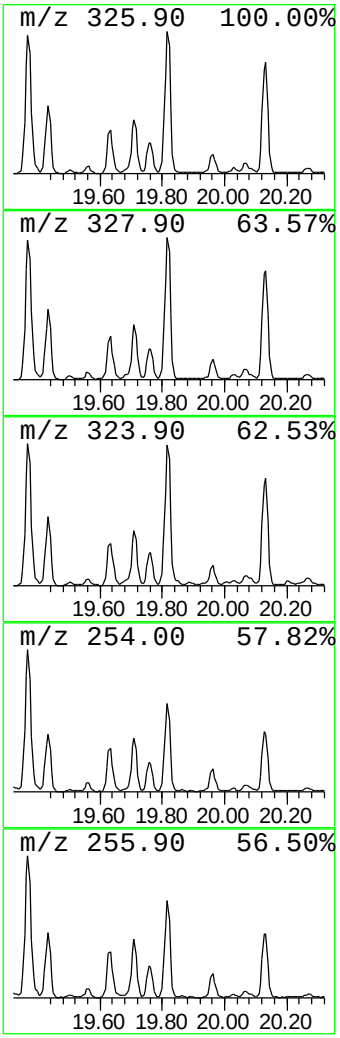
Peak Number 26 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.88 ng/ul	1520110	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98





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Quant Title : SVOA CALIBRATION

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

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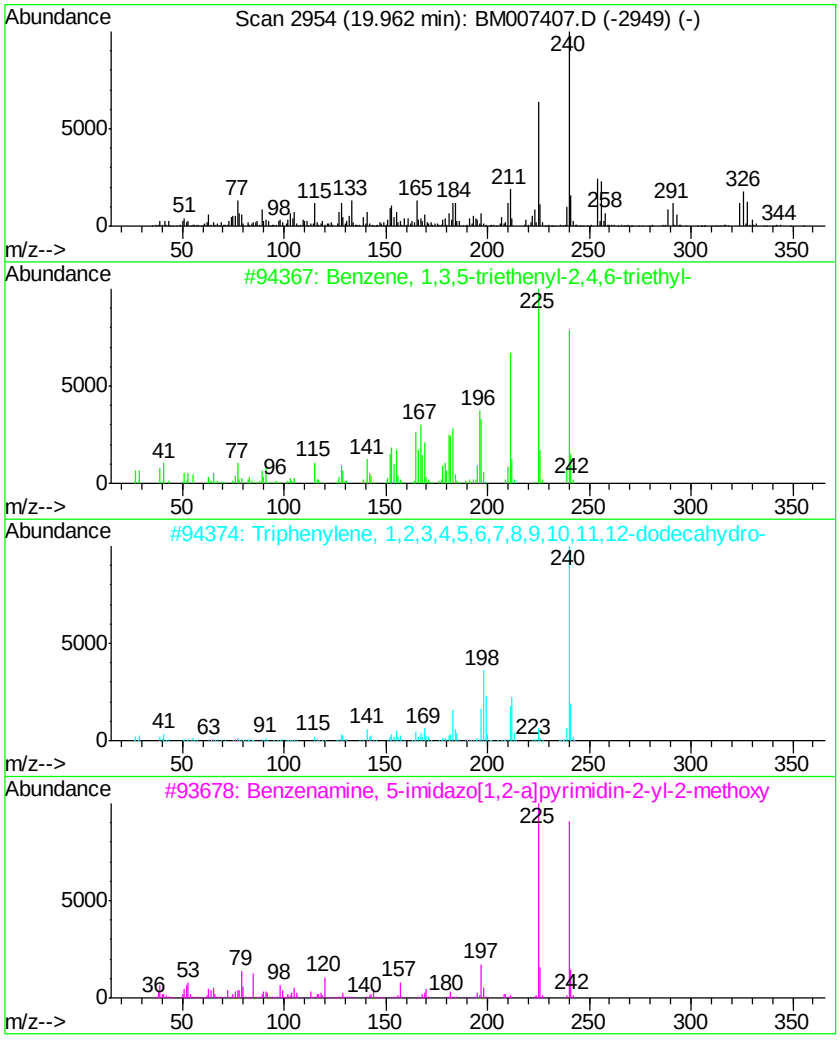
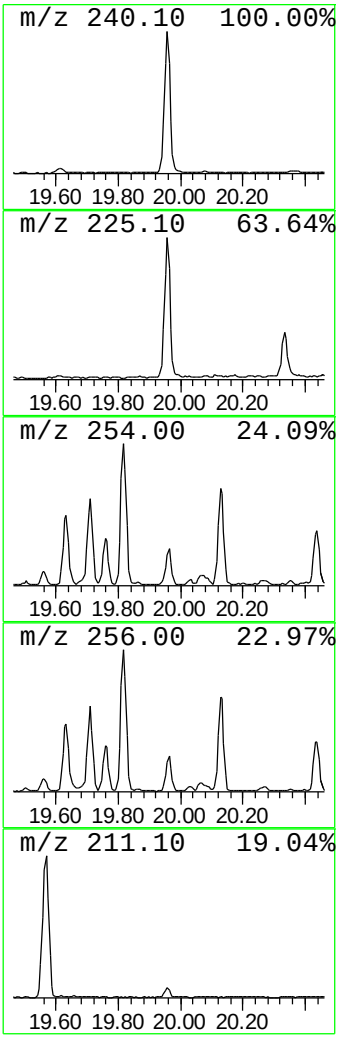
Peak Number 27 Benzene, 1,3,5-triethenyl-2... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.45 ng/ul	1351180	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethenyl-2,4,6-...	240	C18H24	084679-58-3	86
2	Triphenylene, 1,2,3,4,5,6,7,8,9,...	240	C18H24	001610-39-5	55
3	Benzenamine, 5-imidazo[1,2-a]pyr...	240	C13H12N4O	1000337-85-8	53
4	1,1-Bis(4-methoxyphenyl)ethene	240	C16H16O2	004356-69-8	52
5	Naphtho[2,1-b:3,4-b']difuran, 2,...	240	C16H16O2	068873-19-8	50





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Quant Title : SVOA CALIBRATION

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

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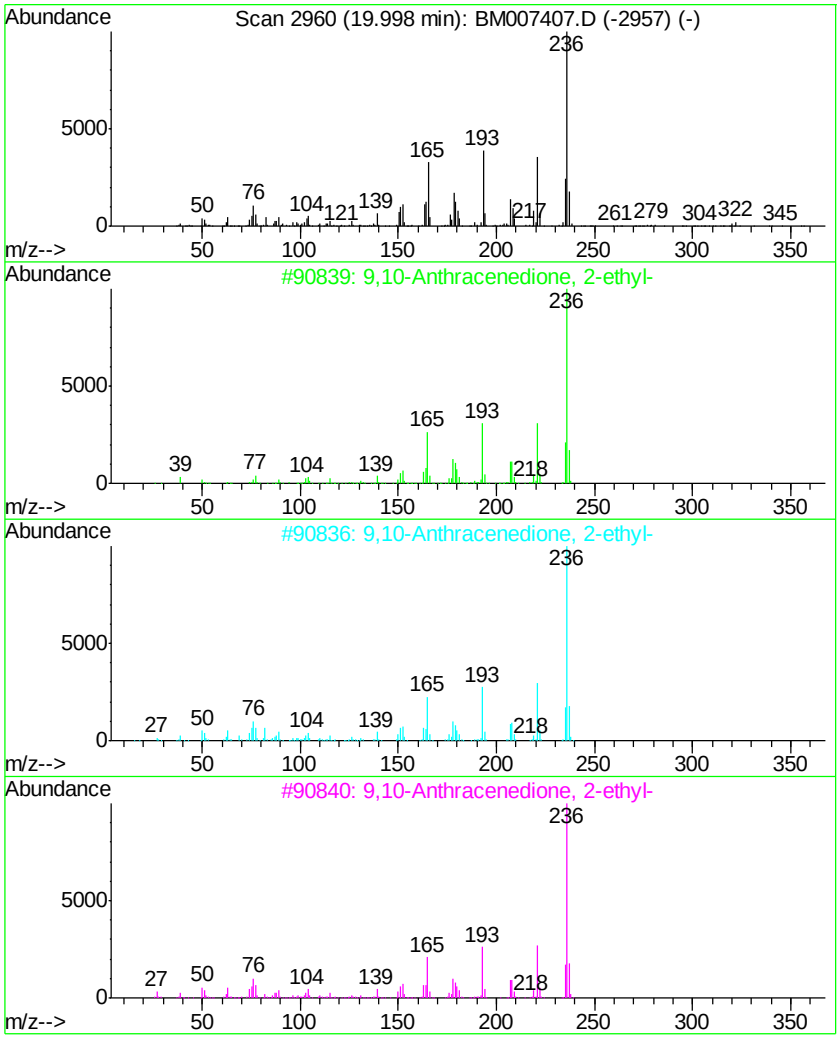
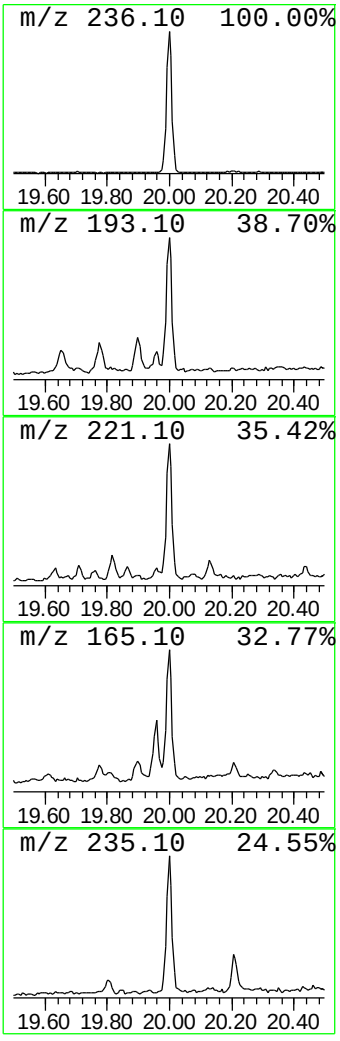
Peak Number 28 9,10-Anthracenedione, 2-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.49 ng/ul	973708	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	99
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	99
3	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	97
4	9,10-Anthracenedione, 1-ethyl-	236	C16H12O2	024624-29-1	97
5	9,10-Anthracenedione, 1-ethyl-	236	C16H12O2	024624-29-1	91





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Instrument : BNA_M
ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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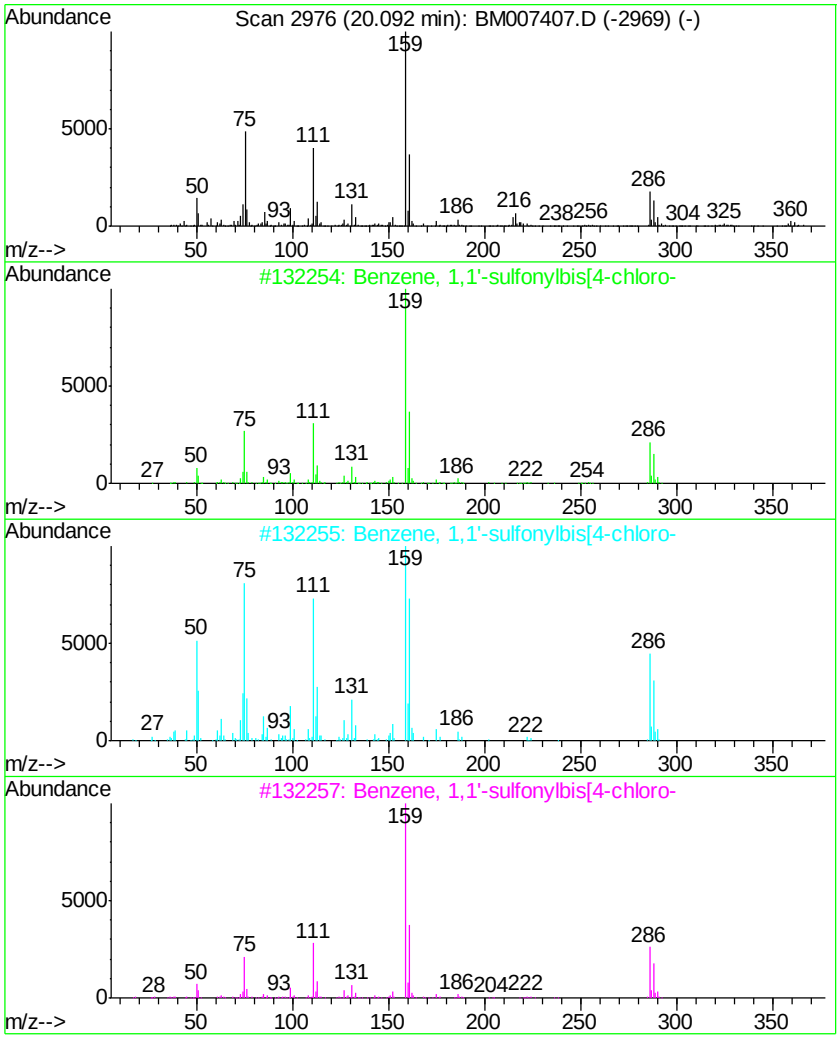
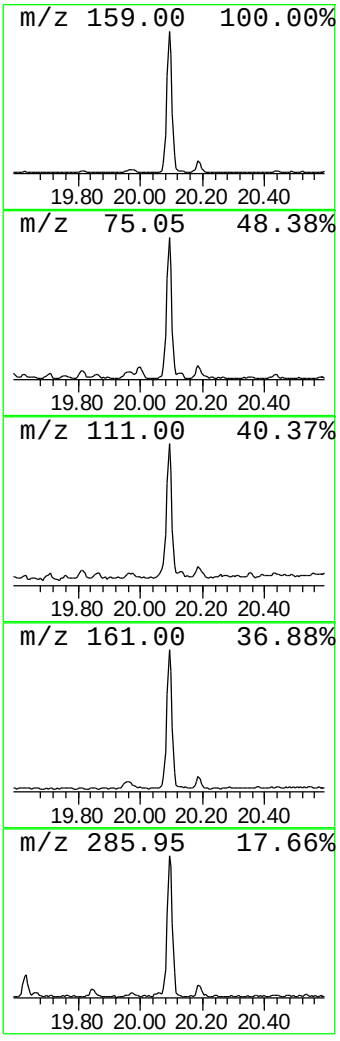
Peak Number 29 Benzene, 1,1'-sulfonylbis[4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	5.54 ng/ul	2167110	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-sulfonylbis[4-chloro-	286	C12H8Cl2O2S	000080-07-9	99
2	Benzene, 1,1'-sulfonylbis[4-chloro-	286	C12H8Cl2O2S	000080-07-9	94
3	Benzene, 1,1'-sulfonylbis[4-chloro-	286	C12H8Cl2O2S	000080-07-9	93
4	Benzene, 1,1'-sulfonylbis[4-chloro-	286	C12H8Cl2O2S	000080-07-9	91
5	3,5-Dichloro-2-pyridyl 2,6-dichl...	385	C12H7Cl4NO3S	058236-54-7	25





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Misc :
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Instrument : BNA_M
ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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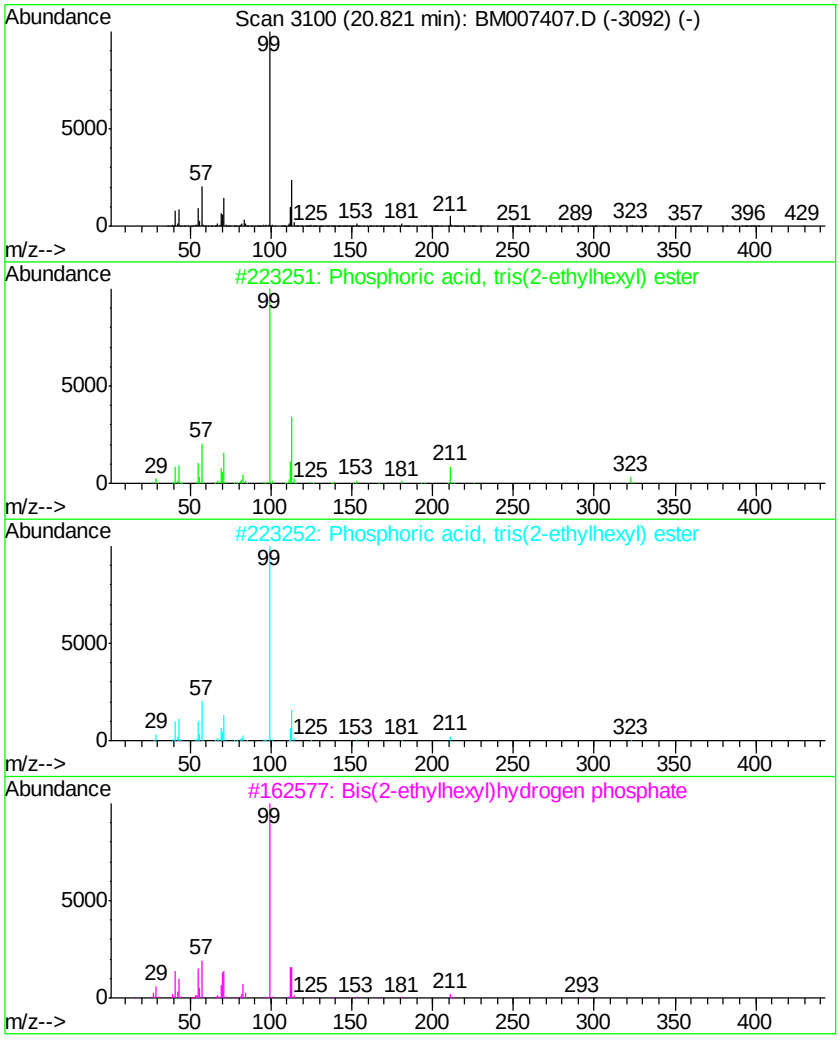
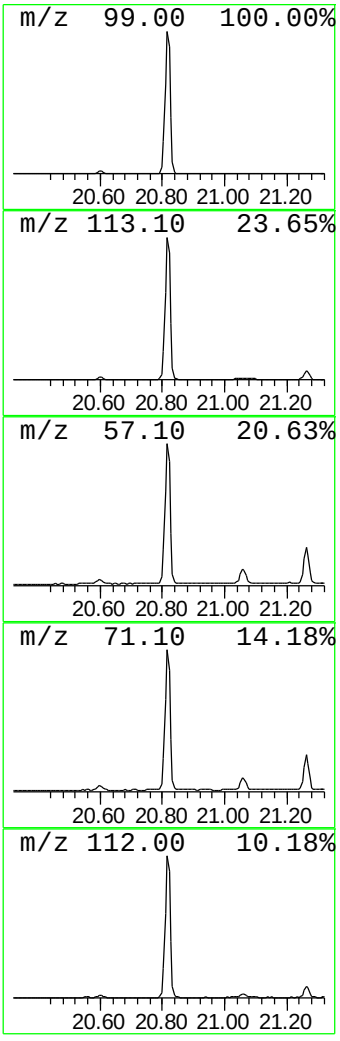
Peak Number 31 Phosphoric acid, tris(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	42.02 ng/ul	16443600	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	91
2	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	72
3	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	64
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	62
5	Phosphoric acid, dioctyl pentyl ...	392	C21H45O4P	1000308-89-9	42





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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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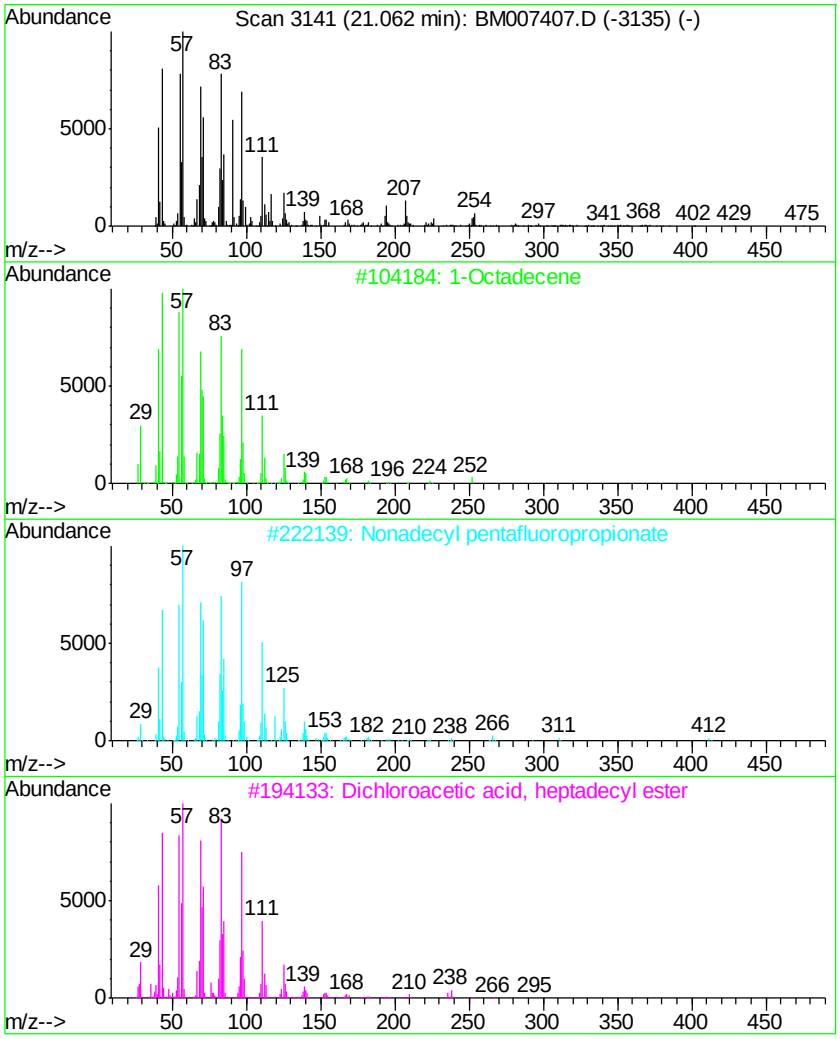
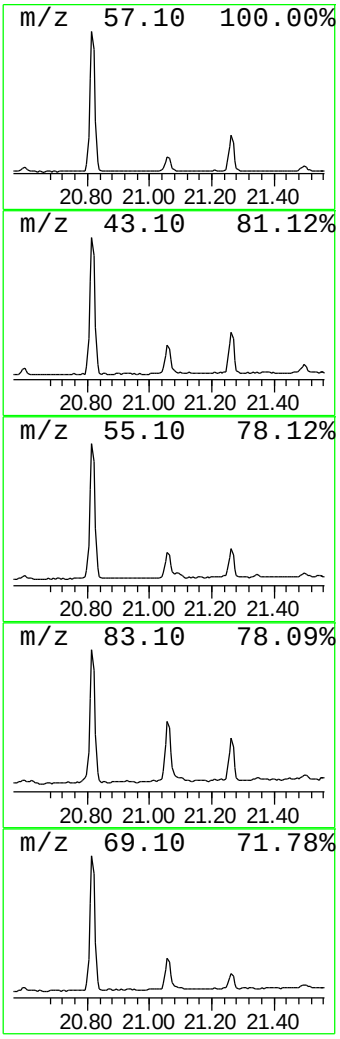
Peak Number 32 (DEL) Alkane: Cyclic21.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	6.55 ng/ul	2563820	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	70
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	70
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	70
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	70





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Instrument : BNA_M
ClientSampleId : C0001

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Quant Title : SVOA CALIBRATION

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

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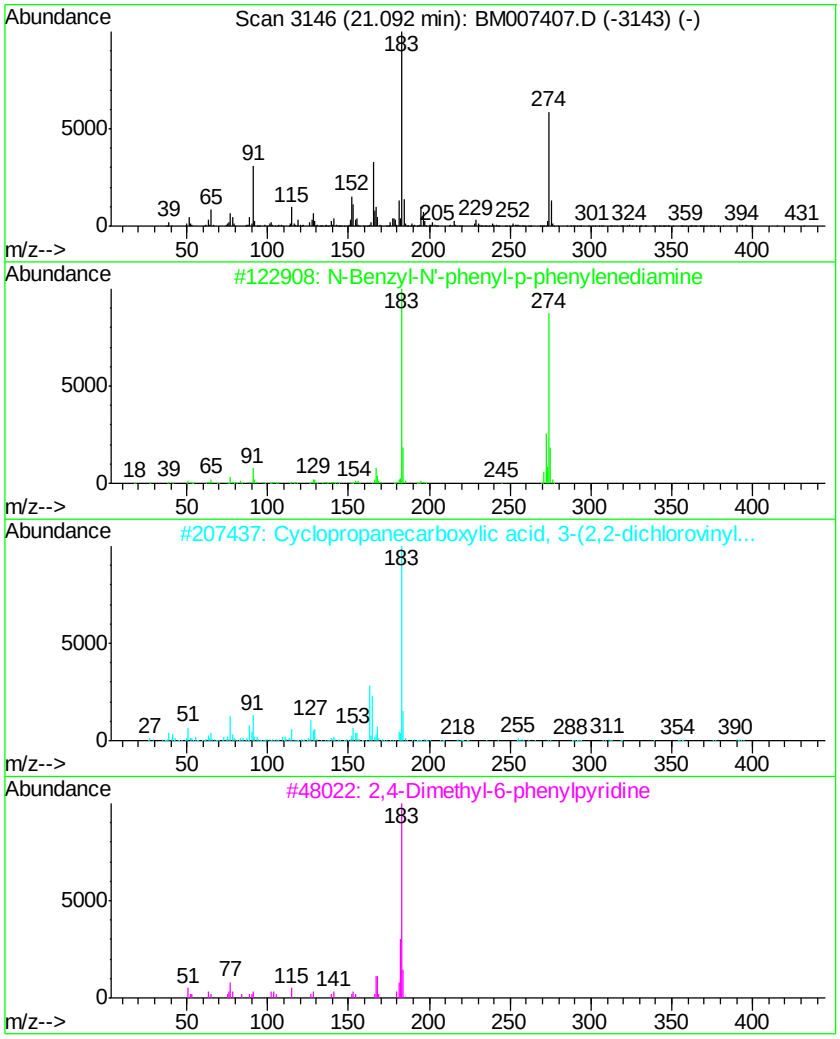
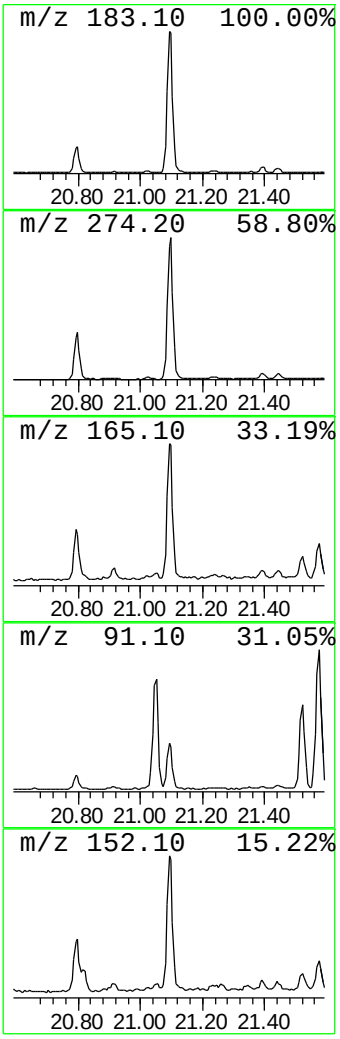
Peak Number 33 N-Benzyl-N'-phenyl-p-phenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.55 ng/ul	2955910	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl-N'-phenyl-p-phenylenedi...	274	C19H18N2	013556-73-5	68
2	Cyclopropanecarboxylic acid, 3-(...	390	C21H20Cl2O3	051877-74-8	47
3	2,4-Dimethyl-6-phenylpyridine	183	C13H13N	027068-65-1	46
4	Benzenamine, N-methyl-N-phenyl-	183	C13H13N	000552-82-9	38
5	Silane, chlorotriethoxy-	198	C6H15ClO3Si	004667-99-6	38





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Quant Title : SVOA CALIBRATION

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

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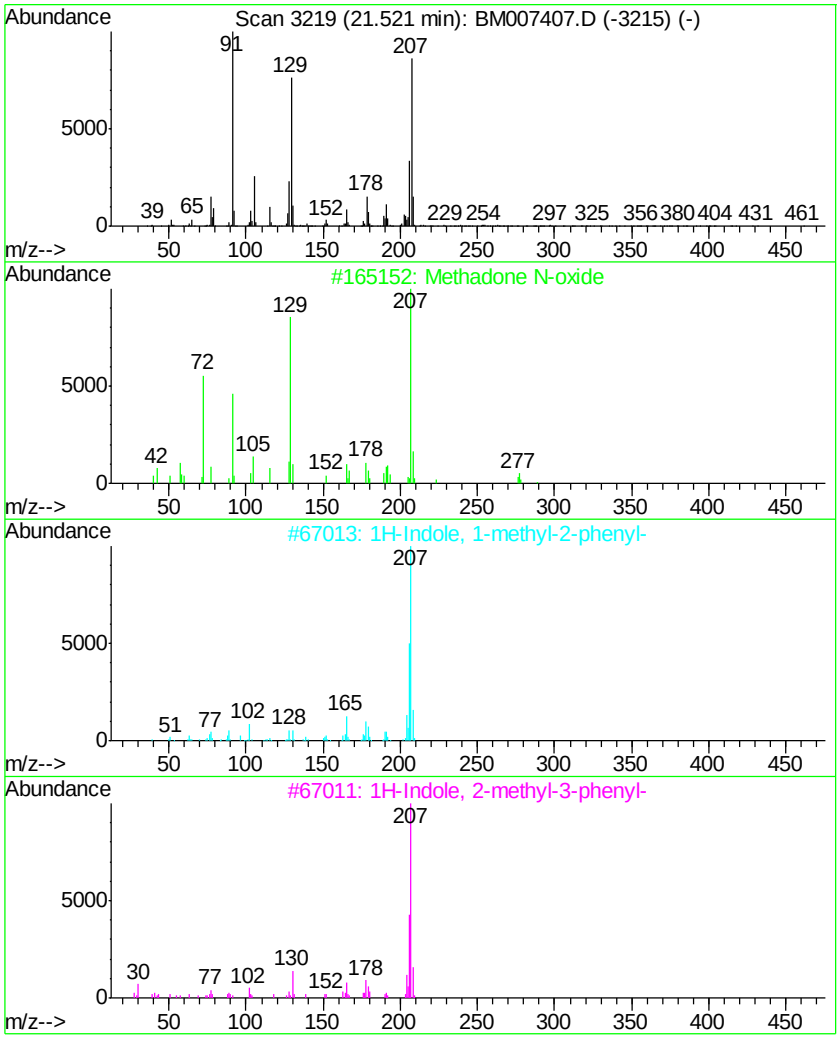
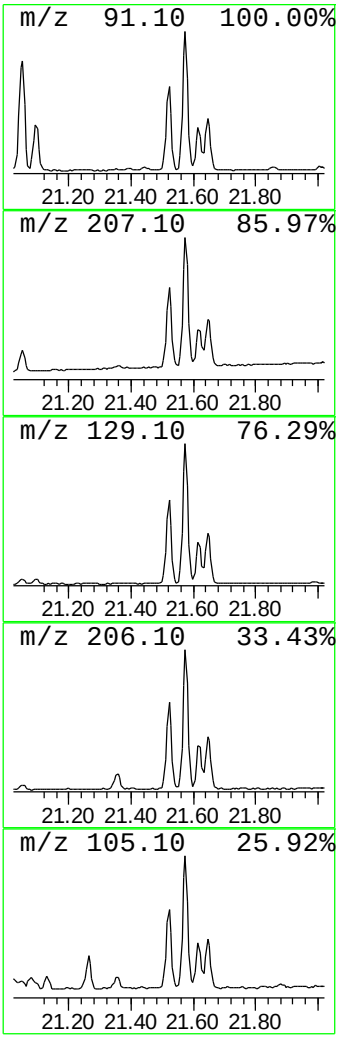
Peak Number 34 Methadone N-oxide Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	4.83 ng/ul	1891500	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	72
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	43
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	38





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Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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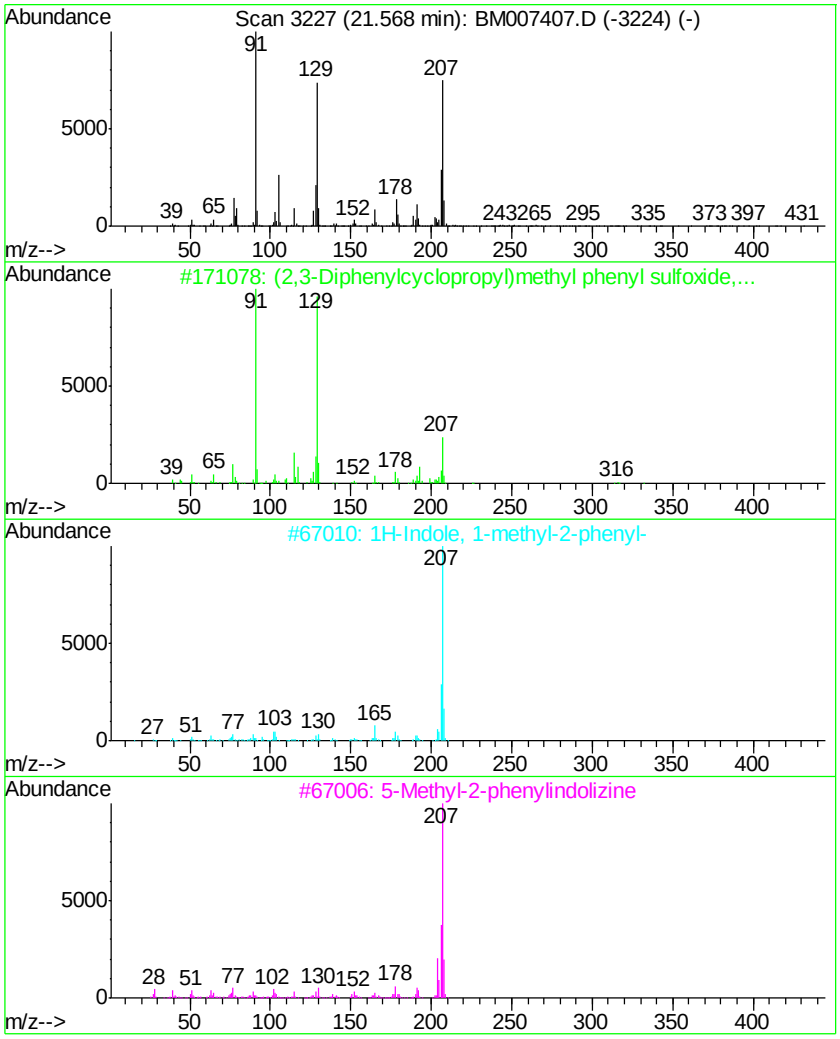
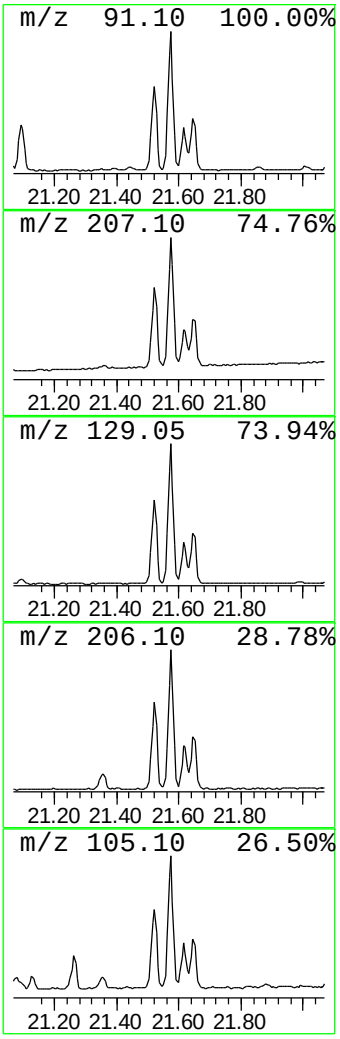
Peak Number 35 (2,3-Diphenylcyclopropyl)me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	7.55 ng/ul	2952740	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	74
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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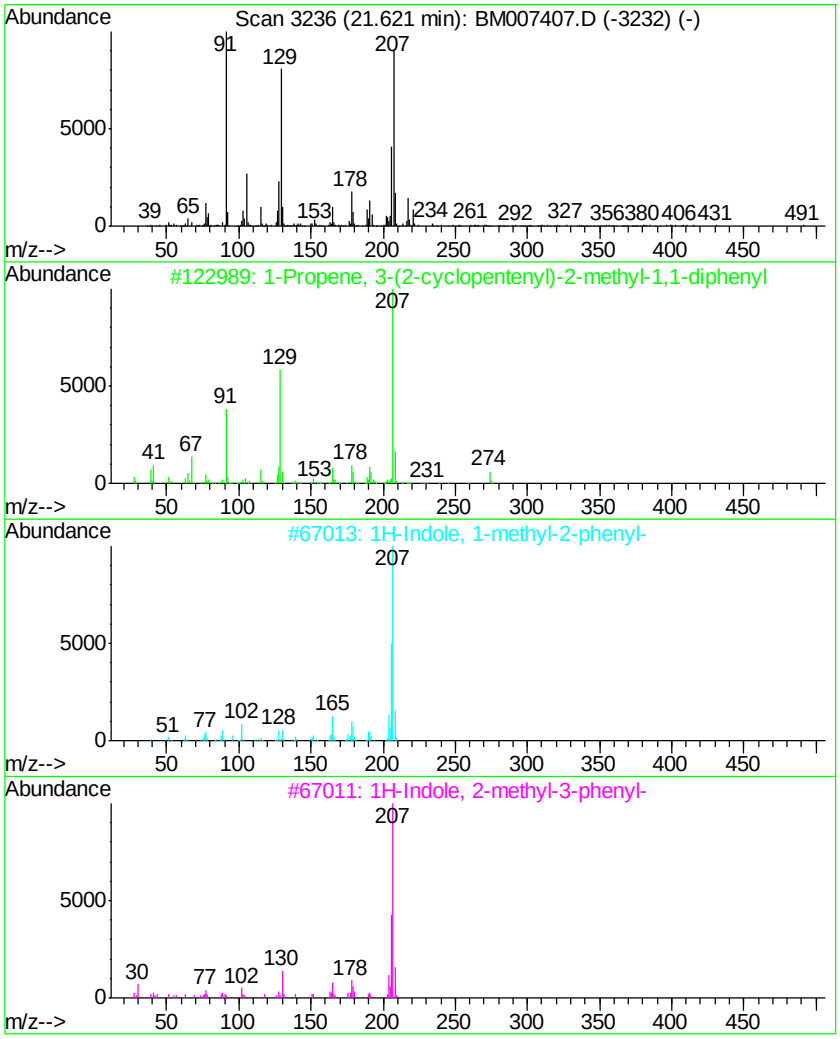
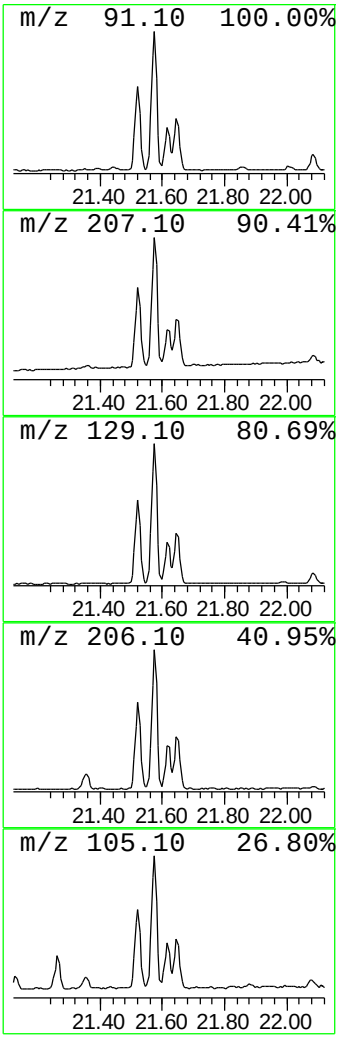
Peak Number 36 1-Propene, 3-(2-cyclopenten... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.69 ng/ul	1053310	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	53
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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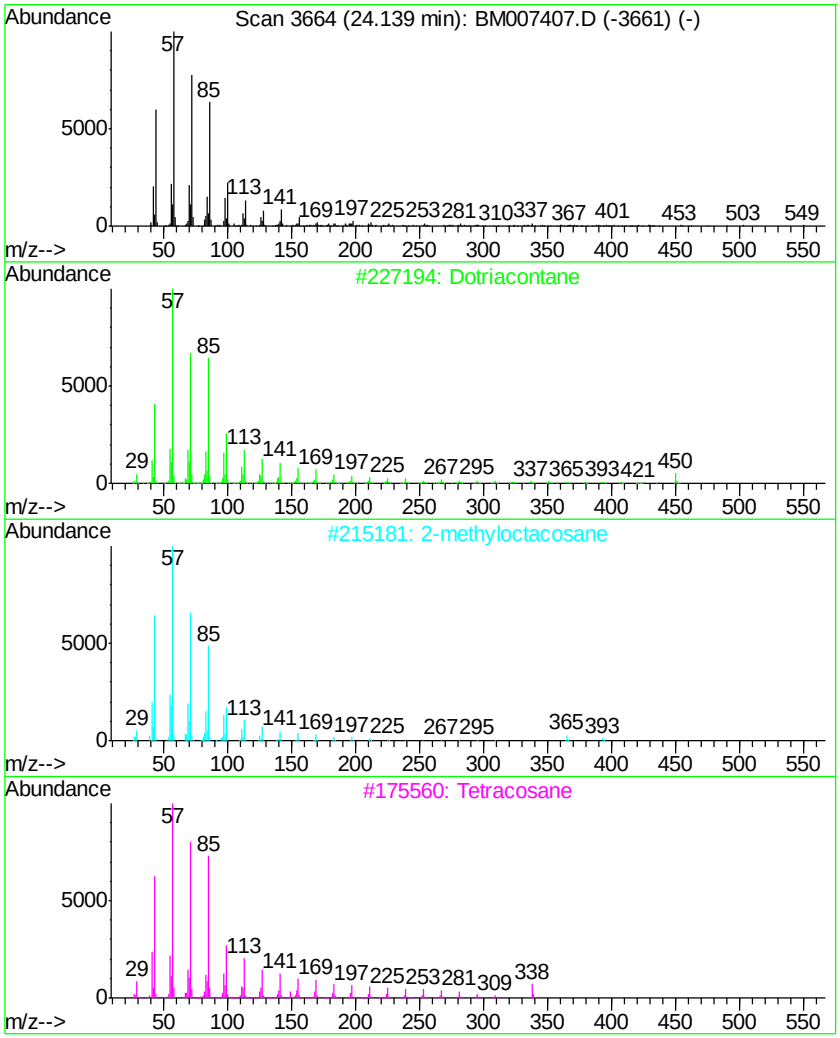
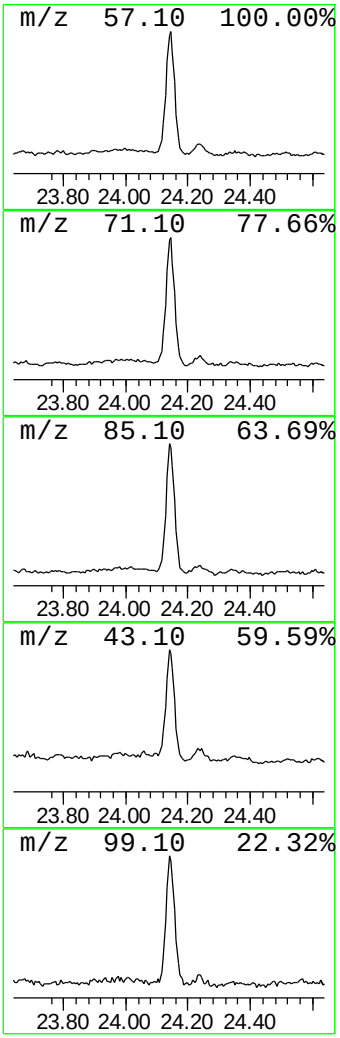
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	4.63 ng/ul	1423050	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hentriacontane	437	C31H64	000630-04-6	89





Library Search Compound Report

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Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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

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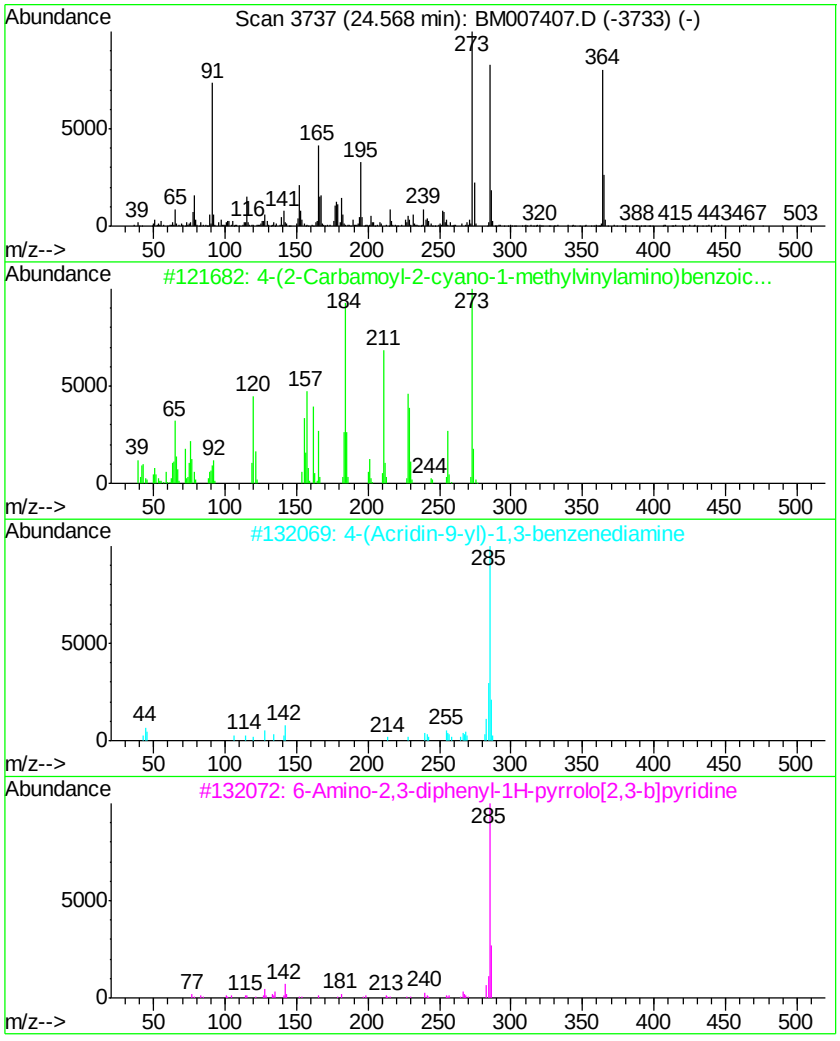
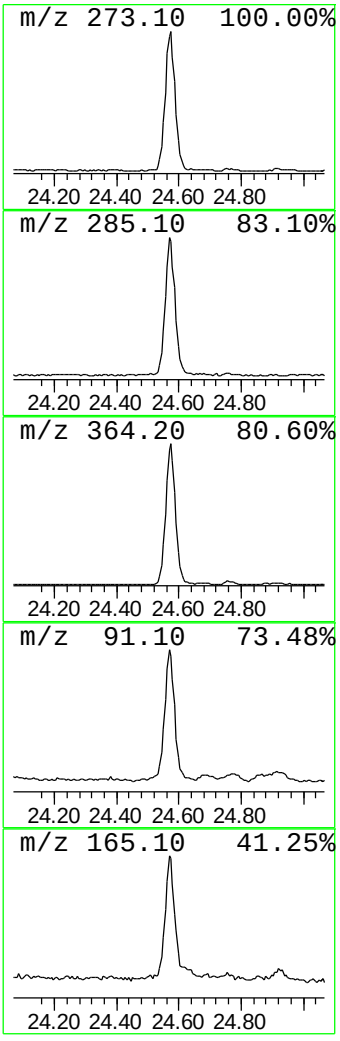
Peak Number 39 4-(2-Carbamoyl-2-cyano-1-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	7.58 ng/ul	2332540	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Carbamoyl-2-cyano-1-methylv...	273	C14H15N3O3	1000311-98-1	64
2	4-(Acridin-9-yl)-1,3-benzenediamine	285	C19H15N3	1000326-84-9	15
3	6-Amino-2,3-diphenyl-1H-pyrrolo[...	285	C19H15N3	055463-74-6	11
4	Pyrazolo[1,5-a]pyrimidine, 6,7-d...	273	C18H15N3	186956-30-9	11
5	N-Acridin-9-yl-N'-phenyl-hydrazine	285	C19H15N3	097869-45-9	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

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
Bicyclo[4.2.0]oct...	5.80	3.9	ng/ul	352091	1	7.79	1824610	20.0
Benzene, isocyanato-	6.85	8.2	ng/ul	751229	1	7.79	1824610	20.0
Naphthalene, 1,2,...	16.98	2.1	ng/ul	672042	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	17.05	4.2	ng/ul	1346830	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	17.34	3.7	ng/ul	1168710	4	17.17	6352420	20.0
1,1'-Biphenyl, 2'...	17.76	21.5	ng/ul	6841960	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	17.89	6.4	ng/ul	2022520	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	18.07	5.7	ng/ul	1817310	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	18.24	17.2	ng/ul	5461170	4	17.17	6352420	20.0
2,3,3',6-Tetrachl...	18.34	6.9	ng/ul	2191930	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	18.52	14.4	ng/ul	4585320	4	17.17	6352420	20.0
1,1'-Biphenyl, 3,...	18.62	3.9	ng/ul	1245470	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	18.66	3.8	ng/ul	1194140	4	17.17	6352420	20.0
Biphenyl, 2,4,4',...	18.70	7.3	ng/ul	2326010	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	18.80	2.6	ng/ul	842301	4	17.17	6352420	20.0
2,3,4',5-Tetrachl...	19.01	6.3	ng/ul	1988580	4	17.17	6352420	20.0
1,1'-Biphenyl, 2,...	19.10	16.3	ng/ul	5187940	4	17.17	6352420	20.0
unknown-01	19.28	6.0	ng/ul	2334990	5	21.36	7825770	20.0
1,1'-Biphenyl, 2,...	19.37	6.0	ng/ul	2363220	5	21.36	7825770	20.0
1,1'-Biphenyl, 2,...	19.43	2.3	ng/ul	894957	5	21.36	7825770	20.0
2,2',3,4',6-Penta...	19.82	3.9	ng/ul	1520110	5	21.36	7825770	20.0
Benzene, 1,3,5-tr...	19.96	3.5	ng/ul	1351180	5	21.36	7825770	20.0
9,10-Anthracenedi...	20.00	2.5	ng/ul	973708	5	21.36	7825770	20.0
Benzene, 1,1'-sul...	20.09	5.5	ng/ul	2167110	5	21.36	7825770	20.0
Phosphoric acid, ...	20.82	42.0	ng/ul	16443600	5	21.36	7825770	20.0
(DEL) Alkane: Cyc...	21.06	6.5	ng/ul	2563820	5	21.36	7825770	20.0
N-Benzyl-N'-pheny...	21.09	7.5	ng/ul	2955910	5	21.36	7825770	20.0
Methadone N-oxide	21.52	4.8	ng/ul	1891500	5	21.36	7825770	20.0
(2,3-Diphenylcycl...	21.57	7.5	ng/ul	2952740	5	21.36	7825770	20.0
1-Propene, 3-(2-c...	21.62	2.7	ng/ul	1053310	5	21.36	7825770	20.0
(DEL) Alkane: Str...	24.14	4.6	ng/ul	1423050	6	23.63	6153140	20.0
4-(2-Carbamoyl-2-...	24.57	7.6	ng/ul	2332540	6	23.63	6153140	20.0