LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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-BM112719MA.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	6.663	631	642	656	rVB	850983	1713292	20.15%	0.877%
2	6.828	662	670	681	rBV	702902	1213192	14.27%	0.621%
3	7.010	695	701	713	rVB	951220	1545490	18.18%	0.791%
4	7.475	773	780	791	rVV	1507024	2473722	29.09%	1.266%
5	8.193	896	902	910	rBV	1097642	1776863	20.90%	0.909%
6	8.628	970	976	985	rVV	885954	1486671	17.49%	0.761%
7	9.345	1090	1098	1110	rBV	692129	1248969	14.69%	0.639%
8	9.881	1180	1189	1199	rVV	1153454	1994974	23.46%	1.021%
9	10.116	1221	1229	1242	rBV	3417436	5661543	66.59%	2.898%
10	10.245	1243	1251	1256	rBV	2340692	3815175	44.87%	1.953%
11	10.292	1256	1259	1268	rVB	216164	350275	4.12%	0.179%
12	10.398	1268	1277	1288	rBV	704886	1486499	17.48%	0.761%
13	10.628	1309	1316	1325	rVV	1311287	2153137	25.32%	1.102%
14	11.698	1489	1498	1505	rBV	212199	347053	4.08%	0.178%
15	11.922	1529	1536	1545	rVB	461010	754746	8.88%	0.386%
16	12.145	1568	1574	1581	rVV	235421	383452	4.51%	0.196%
17	12.304	1591	1601	1606	rBV	196516	342199	4.02%	0.175%
18	12.922	1697	1706	1710	rVV	428454	680307	8.00%	0.348%
19	12.969	1710	1714	1722	rVB2	343481	546909	6.43%	0.280%
20	13.451	1791	1796	1801	rVV	319580	535611	6.30%	0.274%
21	13.504	1801	1805	1809	rVV	241173	344285	4.05%	0.176%
22	13.557	1809	1814	1818	rVV	2466404	3272556	38.49%	1.675%
23	13.604	1818	1822	1826	rVV	715251	986883	11.61%	0.505%
24	13.822	1853	1859	1874	rVV	2765585	4017923	47.26%	2.056%
25	14.063	1894	1900	1904	rBV	340837	425833	5.01%	0.218%
26	14.133	1904	1912	1919	rVV	3500660	5284409	62.15%	2.705%
27	14.369	1944	1952	1962	rBV2	511692	1122992	13.21%	0.575%
28	14.545	1972	1982	1985	rVV2	268810	531548	6.25%	0.272%
29	15.022	2059	2063	2067	rVB	411463	487211	5.73%	0.249%
30	15.133	2076	2082	2088	rVV	3618174	5305108	62.39%	2.715%
31	15.280	2102	2107	2120	rVV	880477	1375918	16.18%	0.704%
32	15.492	2137	2143	2152	rVB	189686	377559	4.44%	0.193%
33	15.633	2162	2167	2176	rVB4	151501	360292	4.24%	0.184%
34	15.886	2205	2210	2222	rBV2	555831	981944	11.55%	0.503%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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-BM112719MA.M
Title : SVOA CALIBRATION

35	16.551	2319	2323	2330	rBV4	192845	337454	3.97%	0.173%
36	16.627	2332	2336	2341	rBV	182875	351834	4.14%	0.180%
37	16.680	2341	2345	2349	rBV	524320	617632	7.26%	0.316%
38	16.886	2374	2380	2384	rBV	3988386	5724023	67.32%	2.930%
39	16.927	2384	2387	2392	rVV	1011448	1397305	16.43%	0.715%
40	16.986	2392	2397	2409	rVB	3895923	5716538	67.23%	2.926%
41	17.210	2432	2435	2441	rVB3	207124	292511	3.44%	0.150%
42	17.416	2466	2470	2474	rVV	481285	513932	6.04%	0.263%
43	17.474	2477	2480	2491	rVB5	184888	434883	5.11%	0.223%
44	17.763	2524	2529	2533	rBV	477837	706126	8.30%	0.361%
45	17.815	2533	2538	2547	rVV	1618466	2244771	26.40%	1.149%
46	17.951	2557	2561	2566	rBV2	458527	809346	9.52%	0.414%
47	17.998	2566	2569	2576	rVB	379315	537241	6.32%	0.275%
48	18.110	2584	2588	2594	rVV	474951	619311	7.28%	0.317%
49	18.274	2612	2616	2620	rVB	366445	461397	5.43%	0.236%
50	18.574	2663	2667	2670	rVV	266820	347159	4.08%	0.178%
51	18.698	2683	2688	2692	rVV	499207	749163	8.81%	0.383%
52	18.751	2692	2697	2701	rVV	697558	954910	11.23%	0.489%
53	18.792	2701	2704	2706	rVV	267930	374359	4.40%	0.192%
54	18.821	2706	2709	2720	rVB2	1597910	2299840	27.05%	1.177%
55	18.957	2728	2732	2740	rVB2	1227533	1707959	20.09%	0.874%
56	19.033	2741	2745	2748	rBV	391274	526981	6.20%	0.270%
57	19.110	2754	2758	2763	rBV	2029371	2626643	30.89%	1.344%
58	19.292	2784	2789	2793	rBV	4541643	6570123	77.27%	3.363%
59	19.539	2827	2831	2833	rBV	938584	1211707	14.25%	0.620%
60	19.651	2847	2850	2852	rBV3	257398	331611	3.90%	0.170%
61	19.686	2852	2856	2860	rVV	2218742	2780104	32.70%	1.423%
62	19.733	2860	2864	2870	rVV3	791304	1472518	17.32%	0.754%
63	19.827	2875	2880	2885	rVV	5851635	7012334	82.47%	3.589%
64	19.874	2885	2888	2894	rVV	672706	816426	9.60%	0.418%
65	19.957	2899	2902	2904	rVV3	254729	365361	4.30%	0.187%
66	19.986	2904	2907	2911	rVV2	415060	562234	6.61%	0.288%
67	20.027	2911	2914	2918	rVB	693921	825912	9.71%	0.423%
68	20.109	2923	2928	2933	rBV	5691885	7044094	82.85%	3.605%
69	20.157	2933	2936	2946	rVB2	1452732	1841757	21.66%	0.943%
70	20.262	2949	2954	2964	rVB3	2534119	4106342	48.30%	2.102%
71	20.357	2966	2970	2972	rBV2	561998	754740	8.88%	0.386%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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-BM112719MA.M
Title : SVOA CALIBRATION

72	20.421	2975	2981	2987	rVV	3192079	6211323	73.05%	3.179%
73	20.474	2987	2990	2998	rVB5	637174	853919	10.04%	0.437%
74	20.574	3003	3007	3013	rVV2	3410904	4248036	49.96%	2.174%
75	20.633	3013	3017	3021	rVB	1380765	1590527	18.71%	0.814%
76	20.739	3029	3035	3038	rBV3	589279	1147218	13.49%	0.587%
77	20.768	3038	3040	3045	rVB2	376681	492702	5.79%	0.252%
78	20.839	3048	3052	3057	rBV	4068248	4858410	57.14%	2.487%
79	20.898	3058	3062	3067	rVB2	1525308	2023265	23.80%	1.036%
80	20.951	3068	3071	3074	rBV	589637	679654	7.99%	0.348%
81	21.051	3085	3088	3090	rBV4	348230	405179	4.77%	0.207%
82	21.098	3090	3096	3098	rVV2	4407129	6714528	78.97%	3.437%
83	21.127	3098	3101	3106	rVB	7083742	8502470	100.00%	4.352%
84	21.215	3114	3116	3120	rVB	266789	293744	3.45%	0.150%
85	21.274	3123	3126	3130	rVV	1092675	1325367	15.59%	0.678%
86	21.433	3149	3153	3159	rVB2	2001698	2685357	31.58%	1.374%
87	21.492	3159	3163	3168	rVB2	1095738	1240461	14.59%	0.635%
88	21.556	3170	3174	3177	rBV2	1197144	1370665	16.12%	0.702%
89	21.639	3184	3188	3192	rVB2	962750	1327040	15.61%	0.679%
90	21.698	3192	3198	3202	rBV2	1878931	2996850	35.25%	1.534%
91	22.098	3262	3266	3269	rBV	797076	1108011	13.03%	0.567%
92	22.139	3269	3273	3281	rVB	1910212	2642304	31.08%	1.352%
93	22.256	3290	3293	3300	rVB2	616674	869133	10.22%	0.445%
94	22.621	3348	3355	3363	rVB2	2013013	3743278	44.03%	1.916%
95	23.050	3425	3428	3432	rBV	467322	717333	8.44%	0.367%
96	23.097	3432	3436	3441	rVV	2603935	4417246	51.95%	2.261%
97	23.150	3441	3445	3452	rVB2	1807280	3239773	38.10%	1.658%
98	23.233	3453	3459	3465	rBV	2604944	4724498	55.57%	2.418%
99	23.762	3544	3549	3557	rVB2	1181067	2291289	26.95%	1.173%
100	24.462	3663	3668	3674	rVB	637819	1228062	14.44%	0.629%

Sum of corrected areas: 195378763

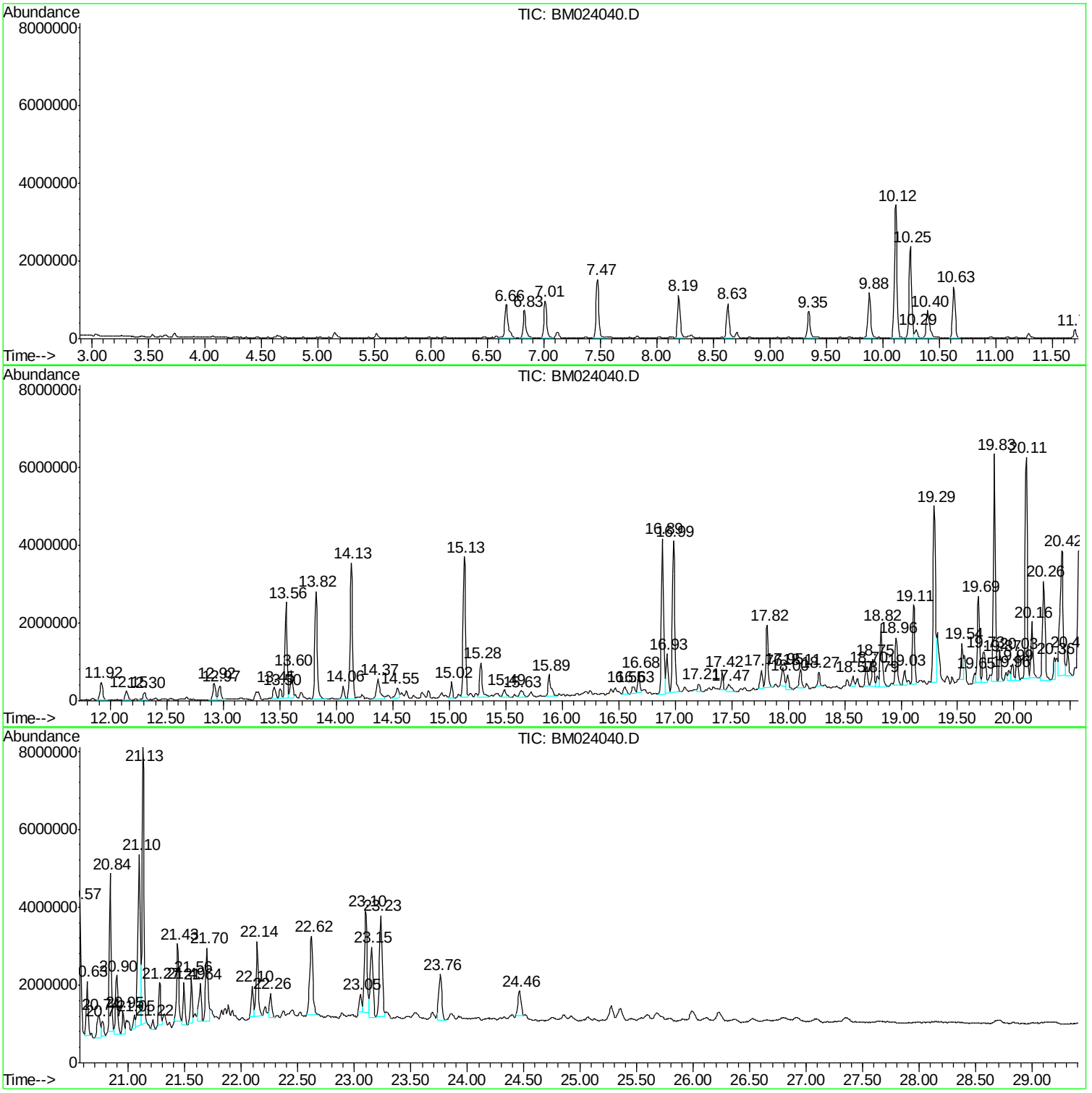
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

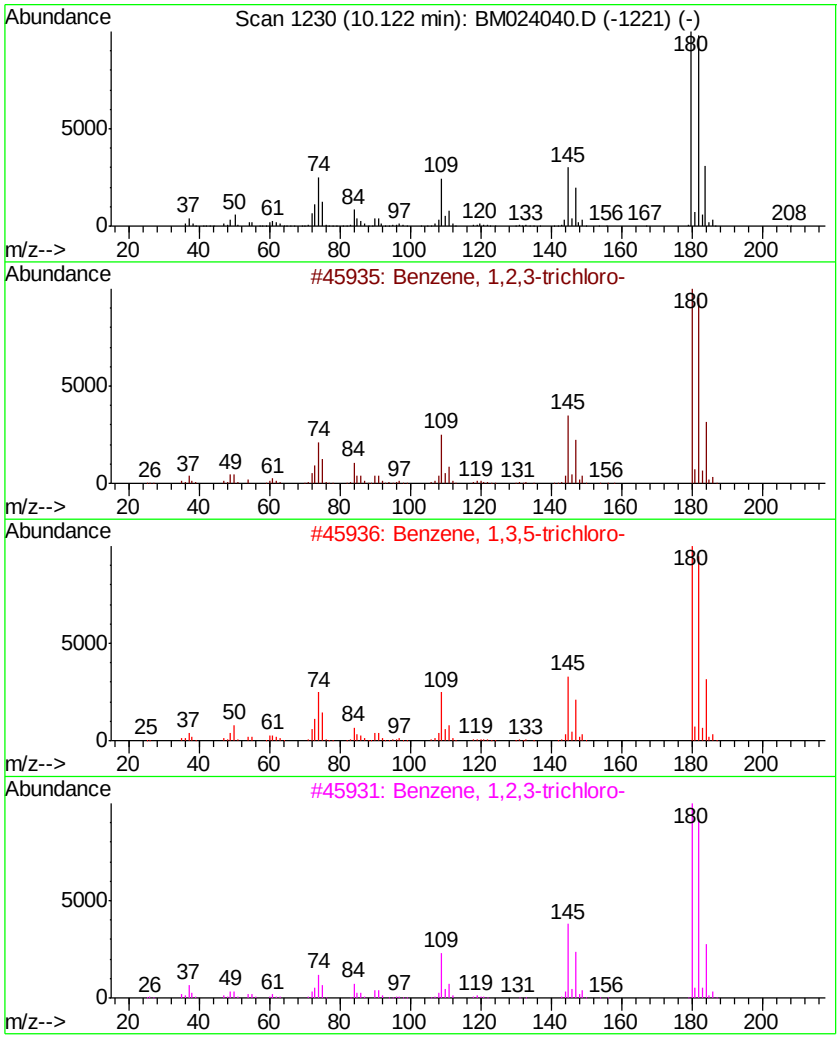
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

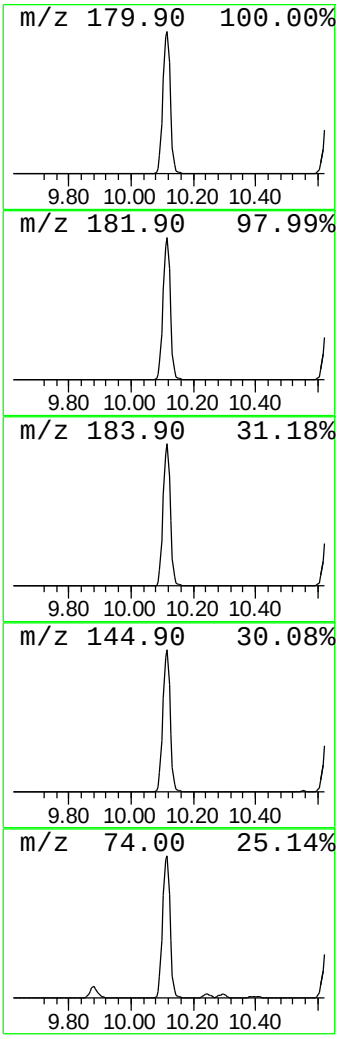
****

Peak Number 1 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	29.68 ng/ul	5661540	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

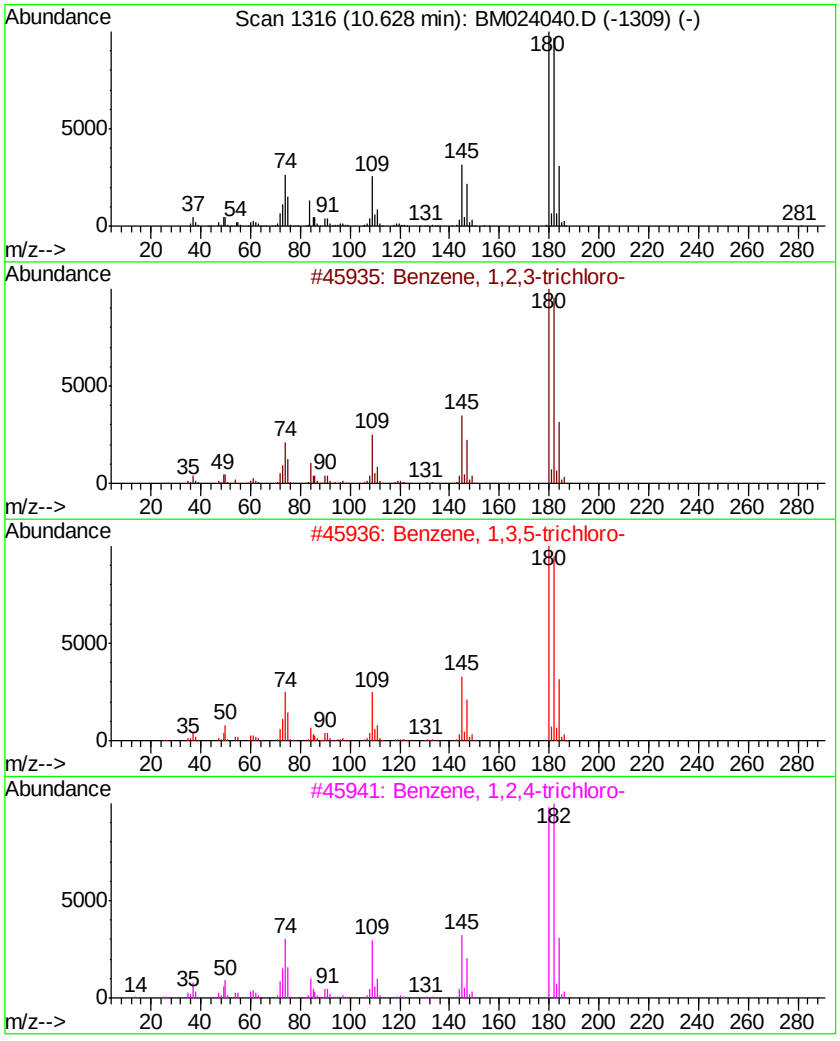
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

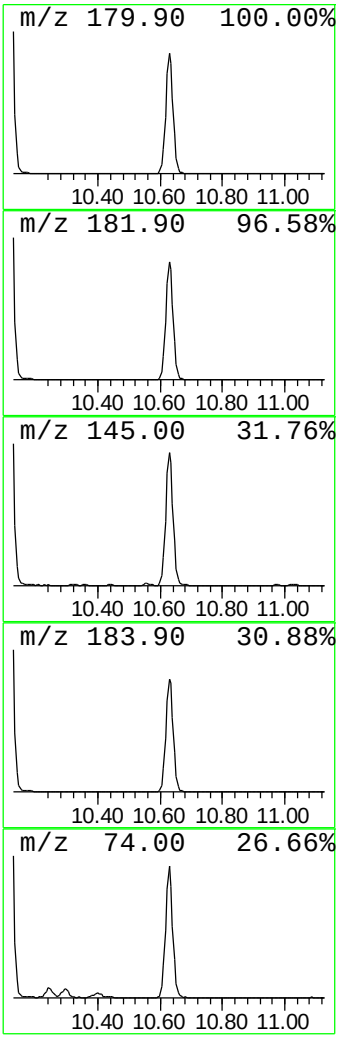
****

Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	11.29 ng/ul	2153140	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

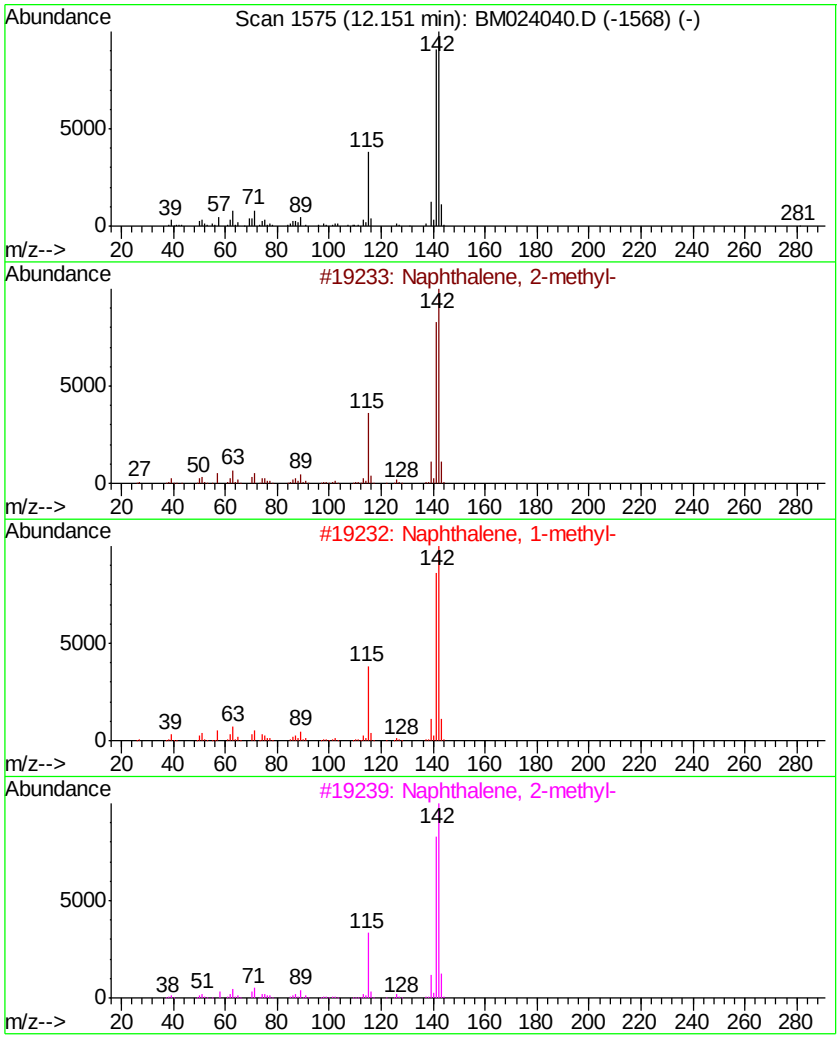
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

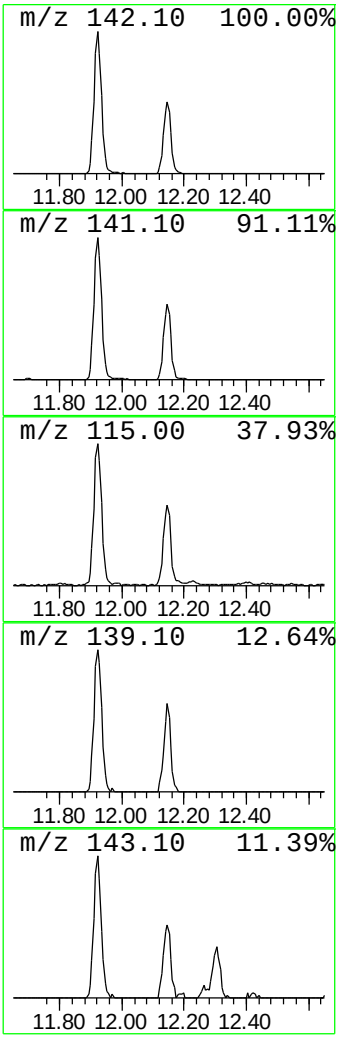
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.01 ng/ul	383452	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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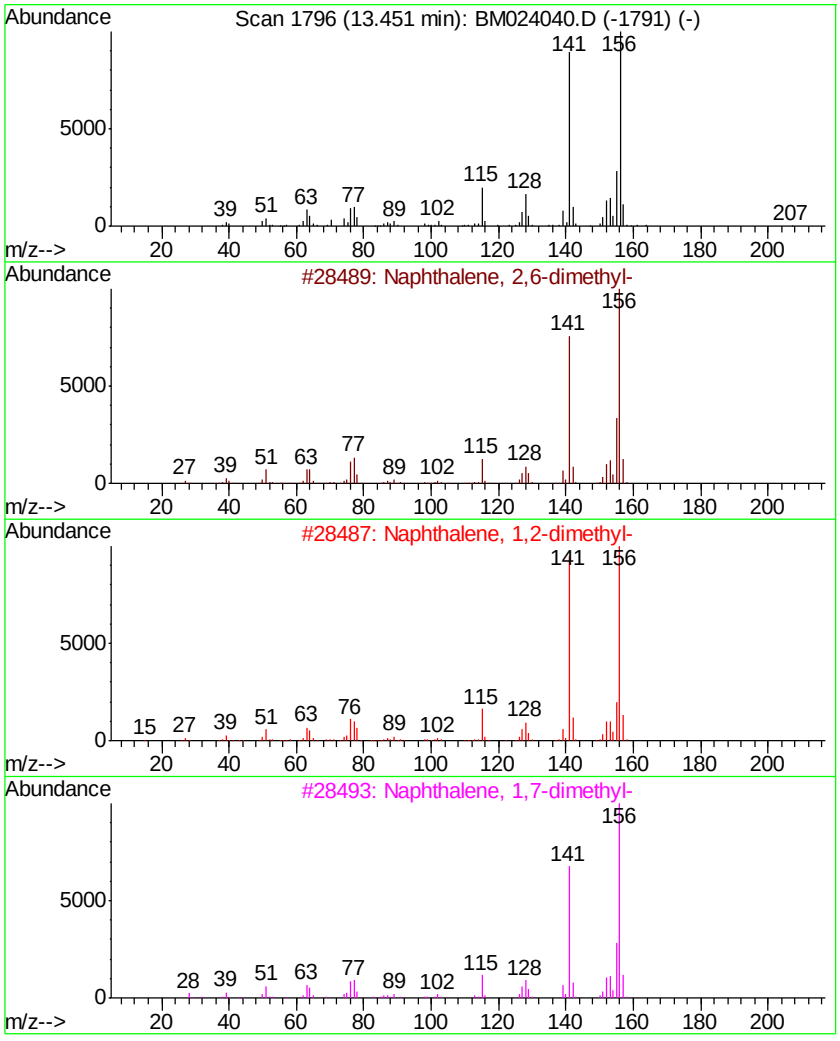
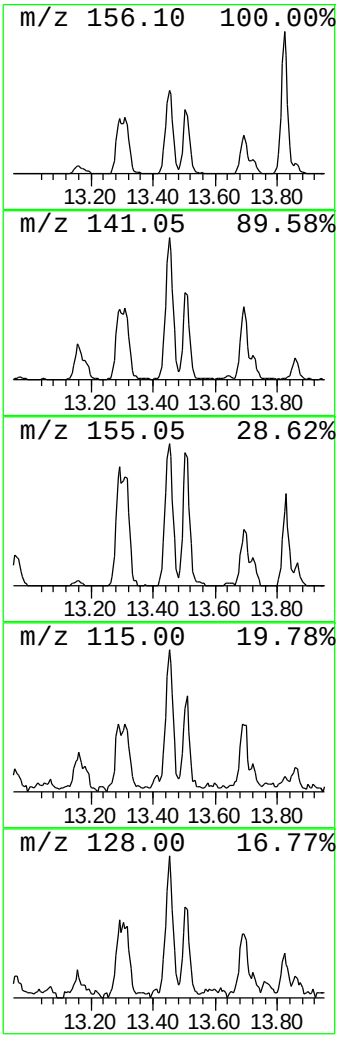
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.03 ng/ul	535611	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

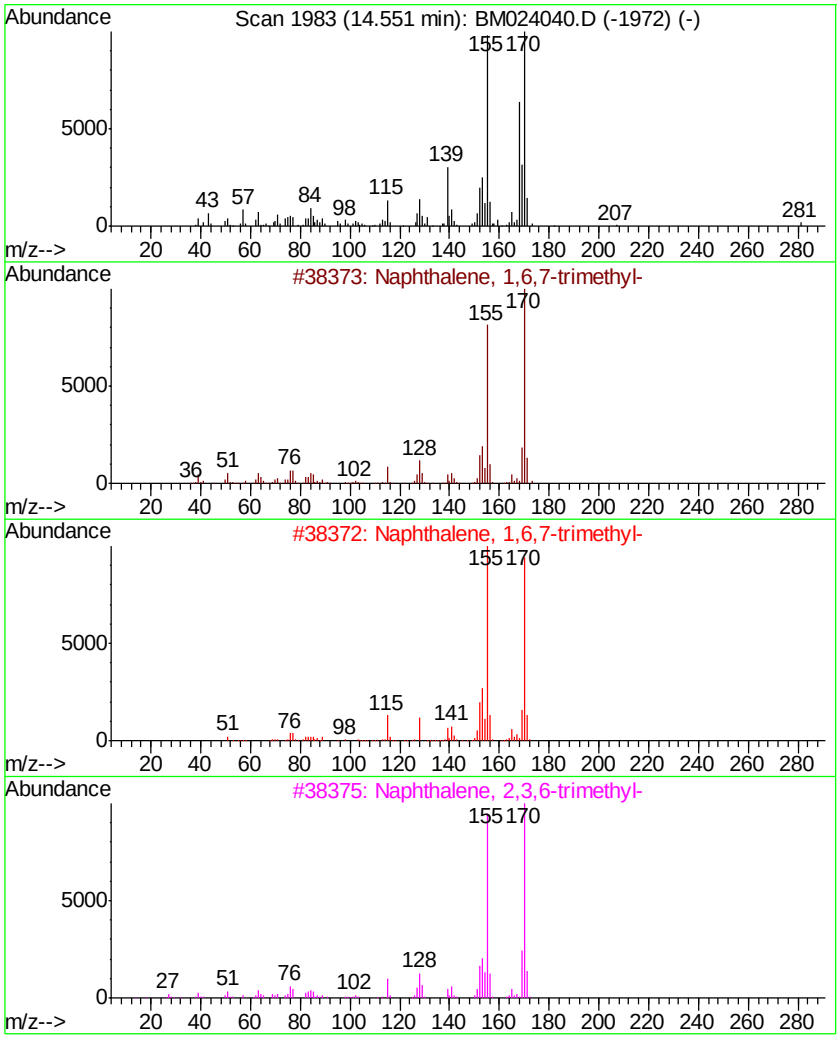
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

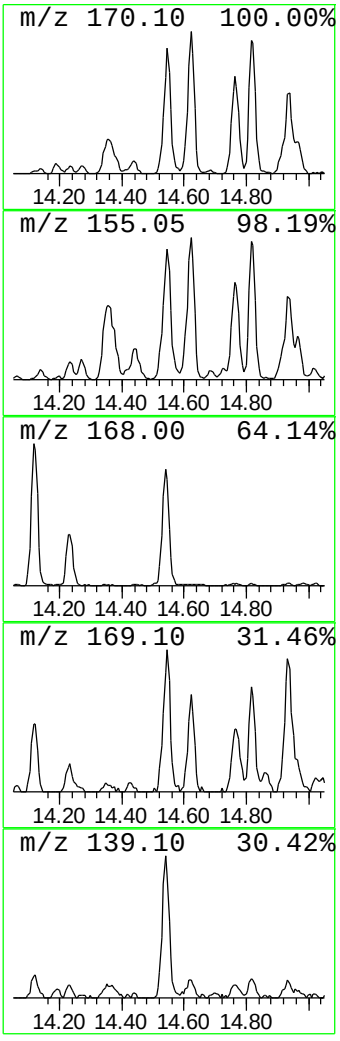
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.01 ng/ul	531548	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92





Library Search Compound Report

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Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

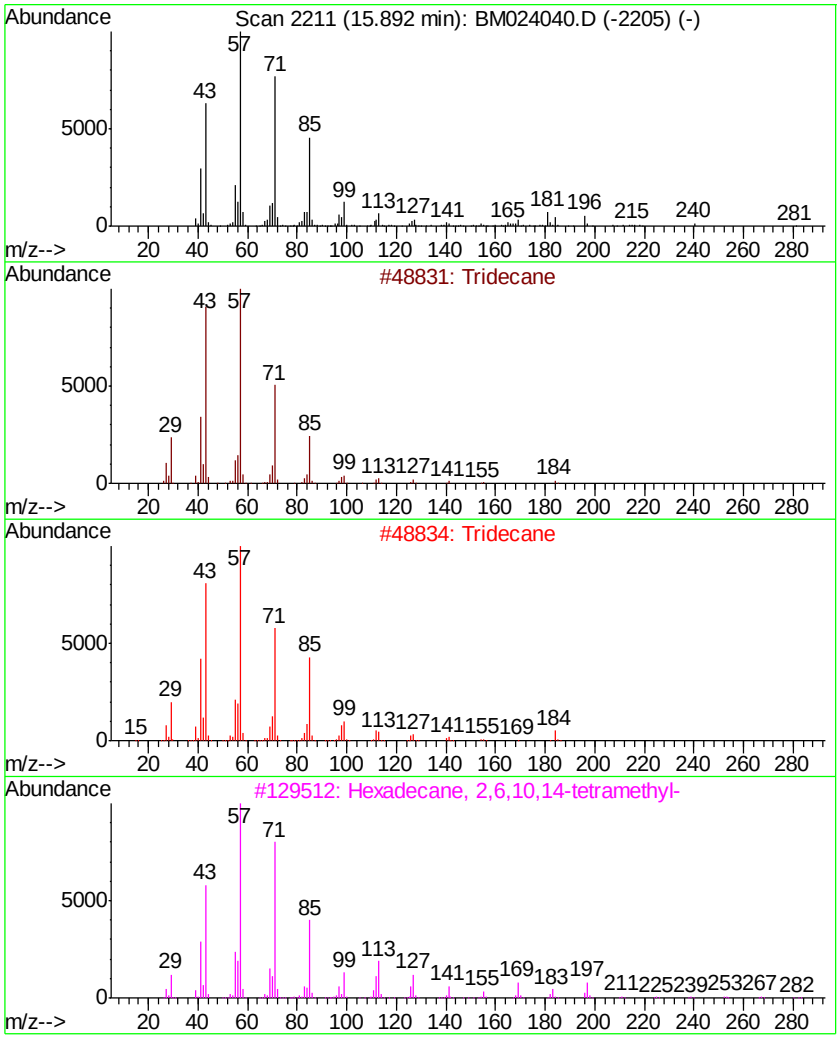
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

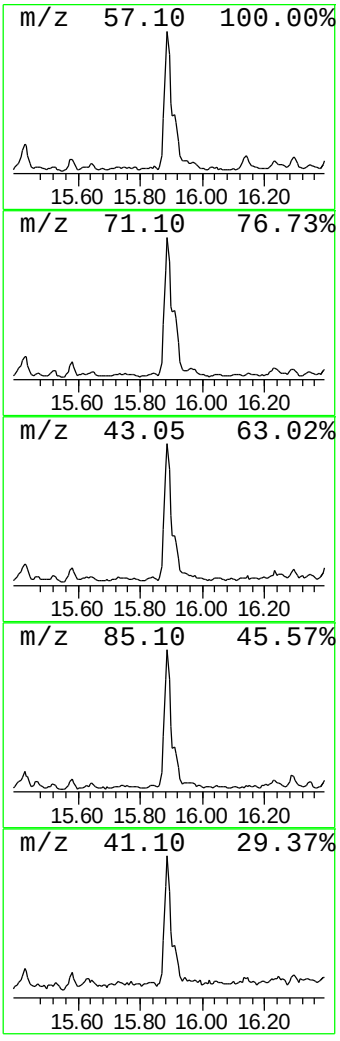
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.43 ng/ul	981944	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Tetracosane	338	C24H50	000646-31-1	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Library Search Compound Report

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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

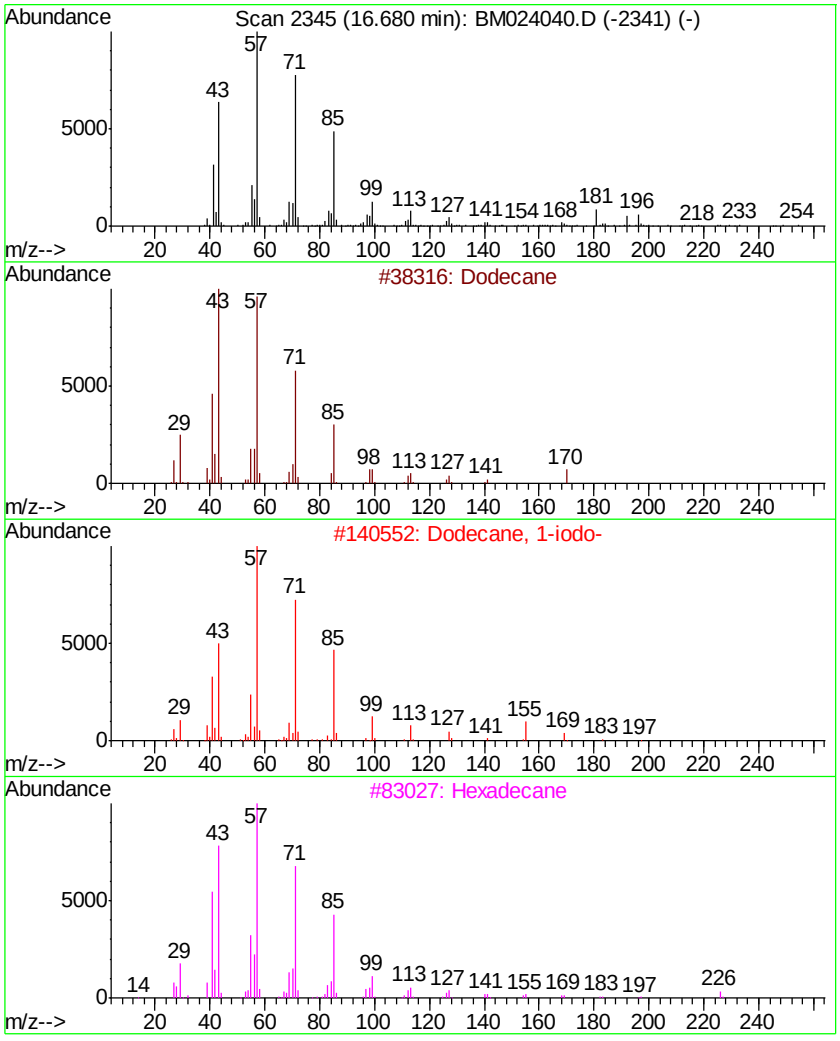
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

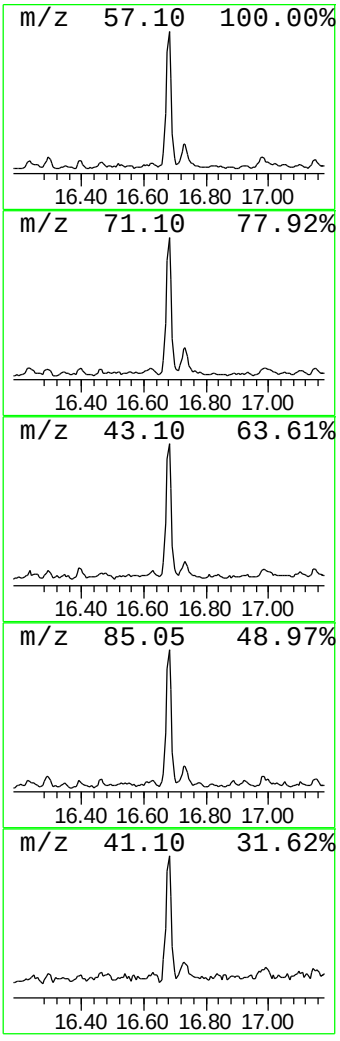
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.16 ng/ul	617632	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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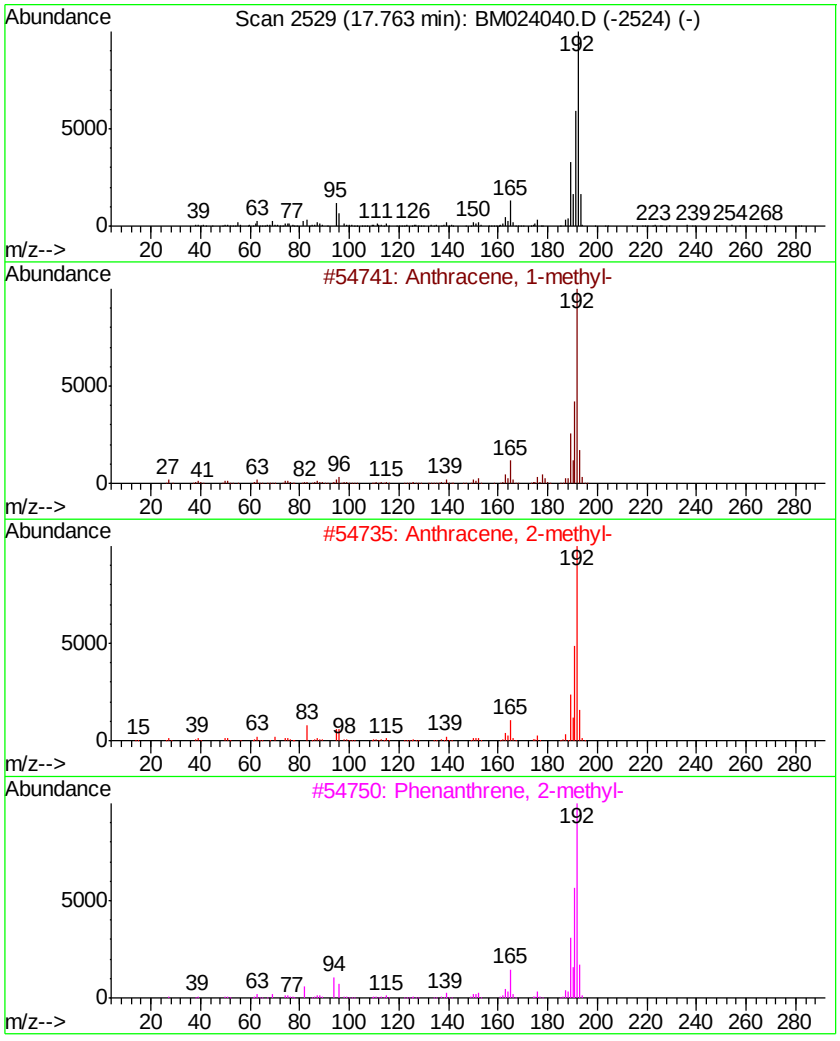
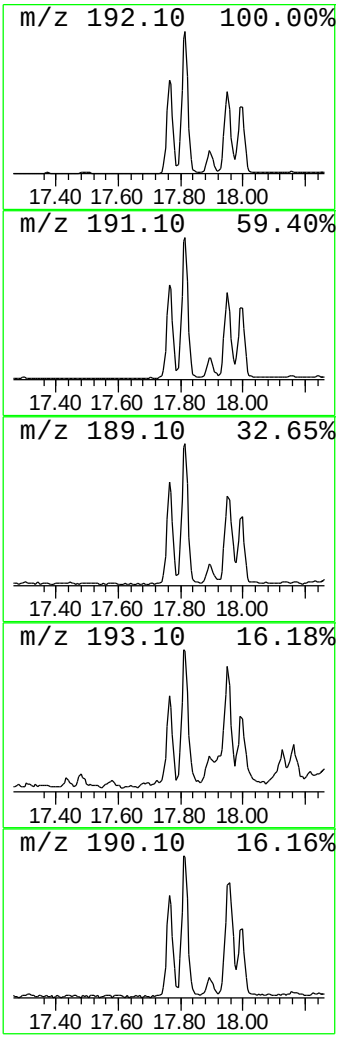
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.47 ng/ul	706126	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

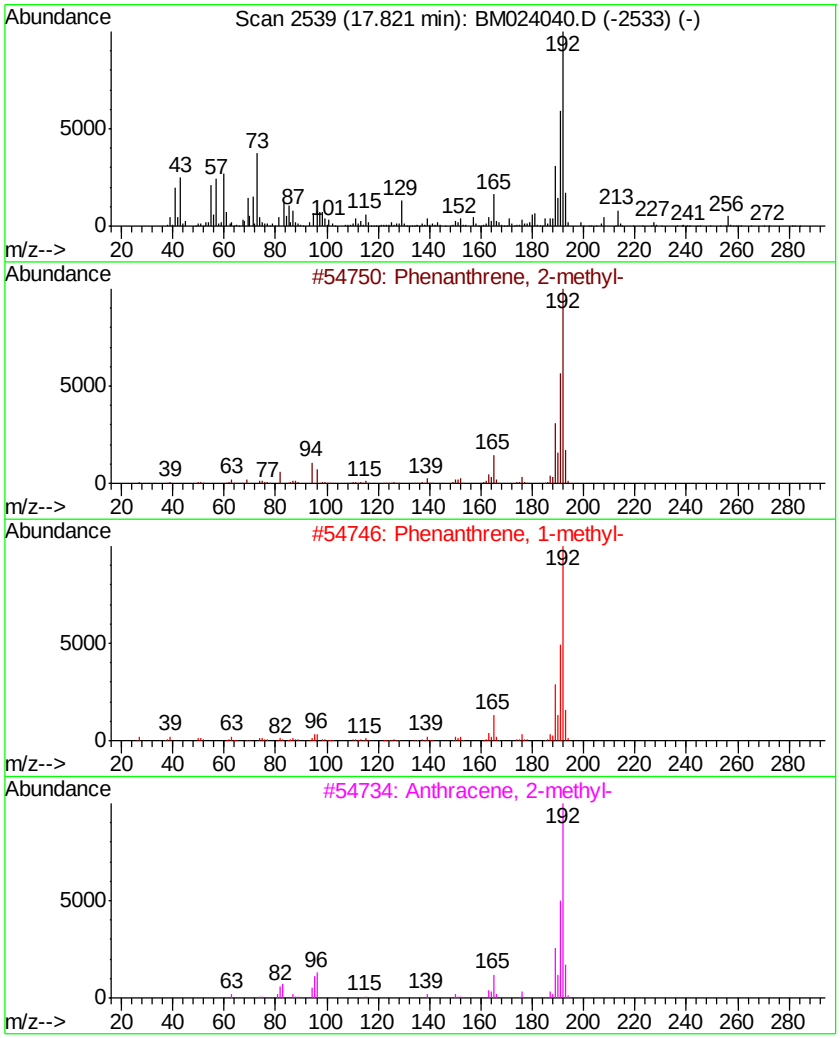
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

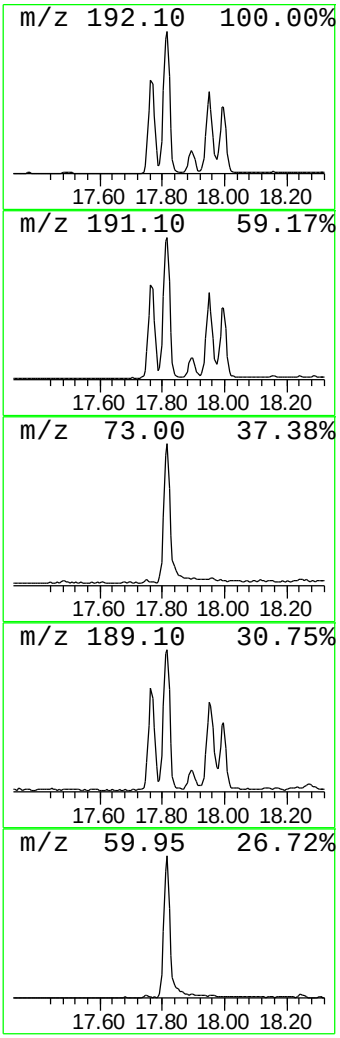
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.84 ng/ul	2244770	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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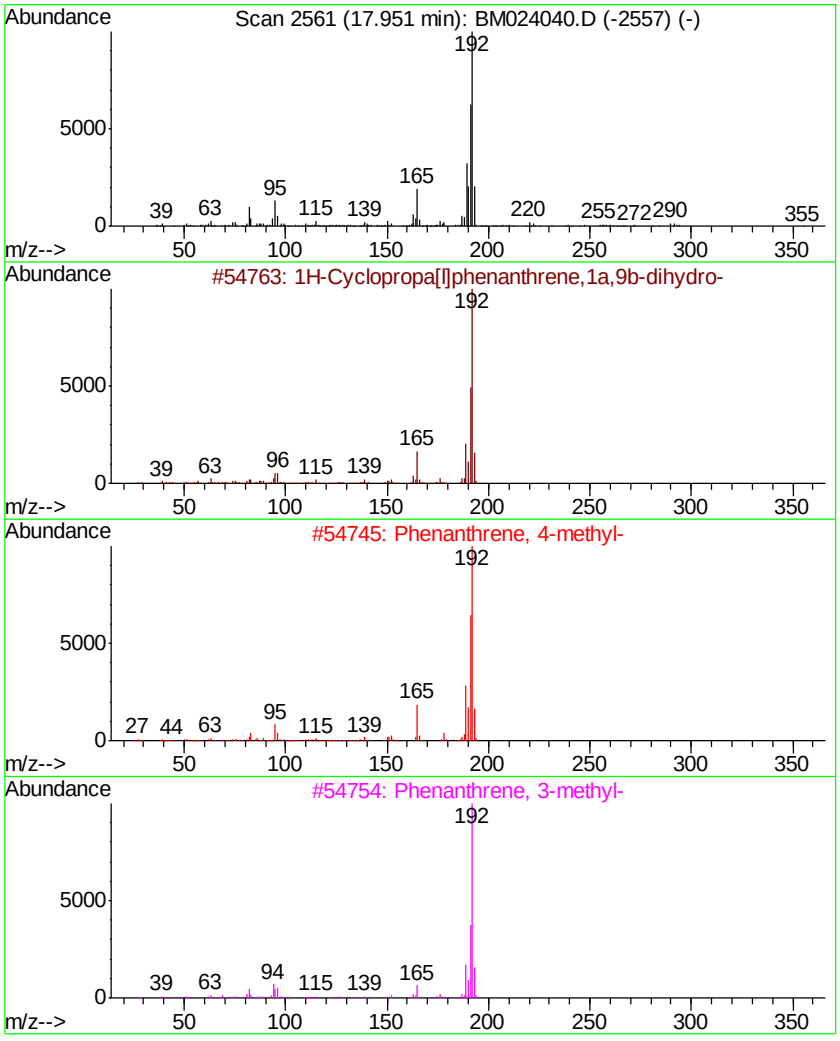
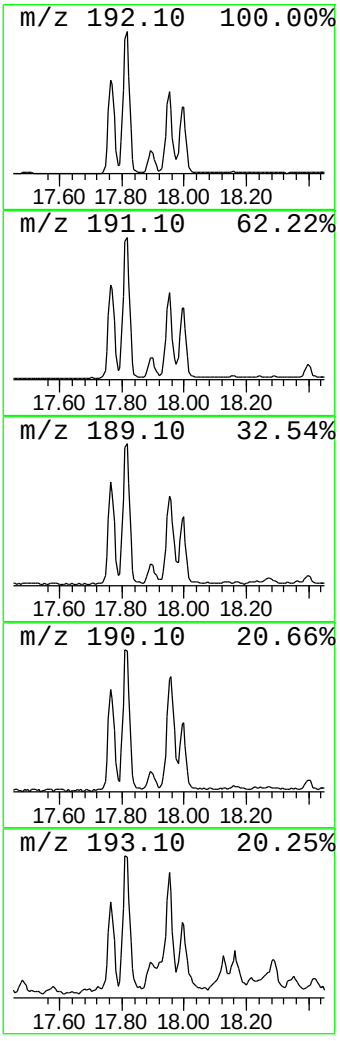
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.83 ng/ul	809346	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

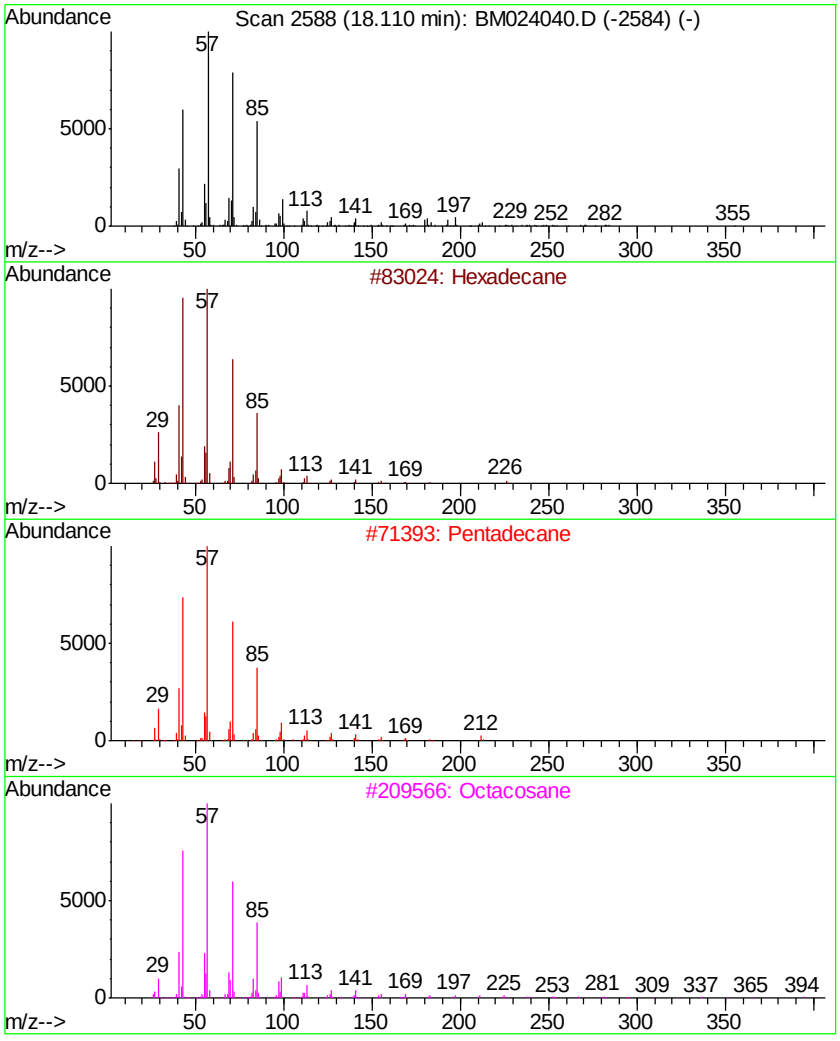
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

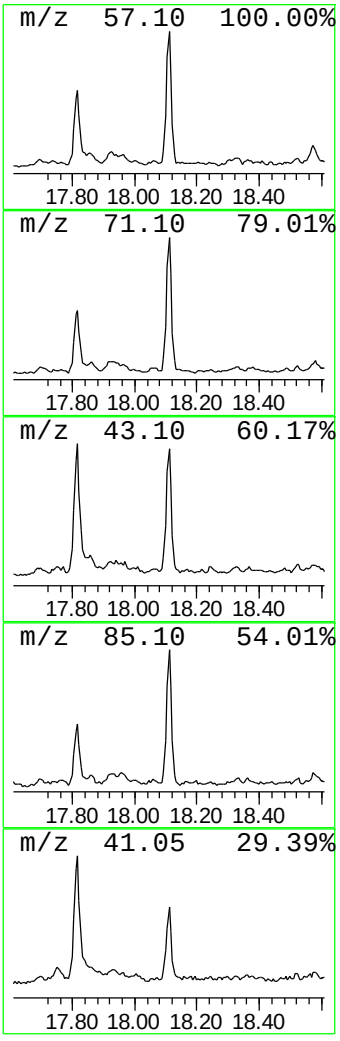
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.16 ng/ul	619311	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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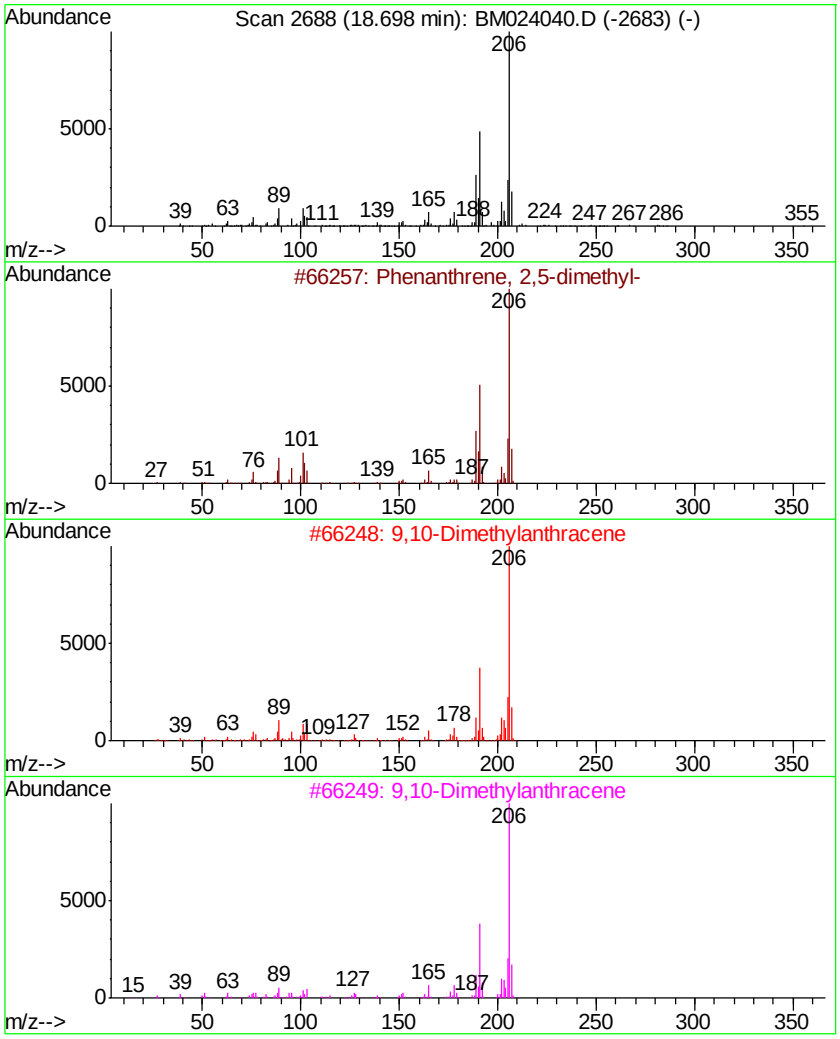
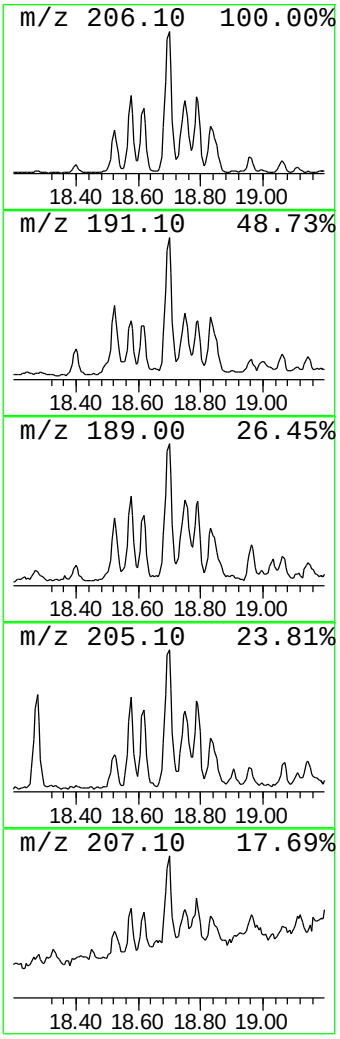
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.62 ng/ul	749163	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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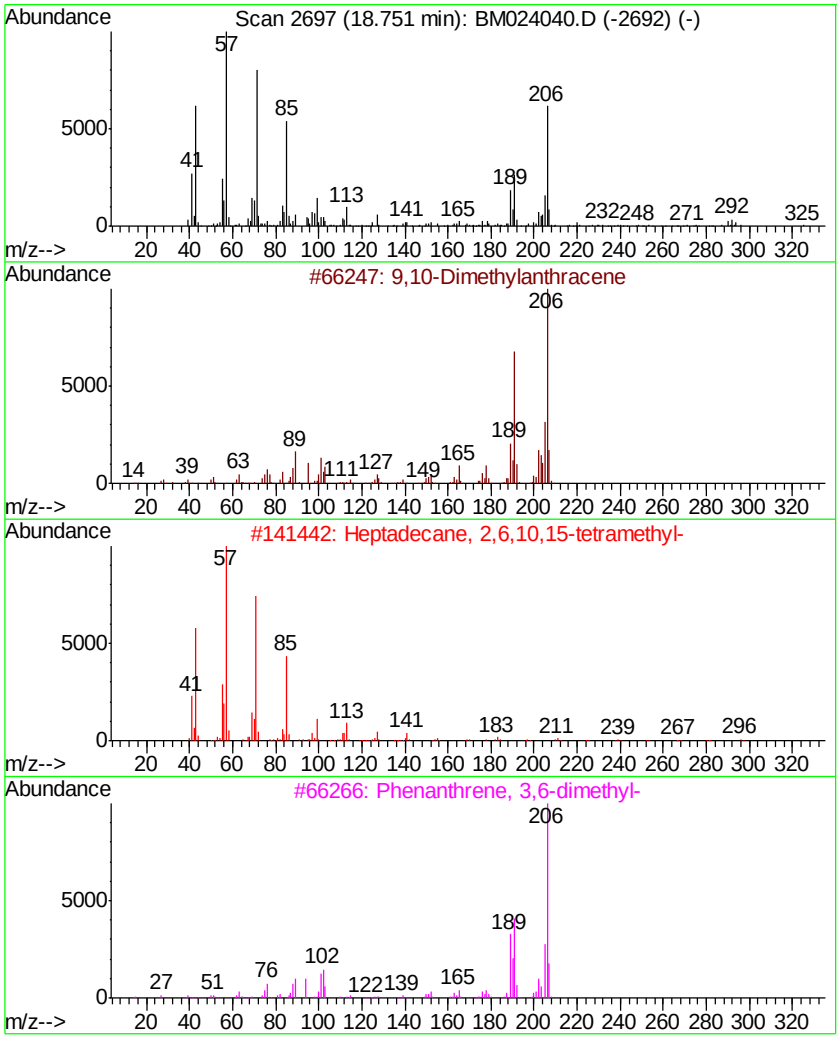
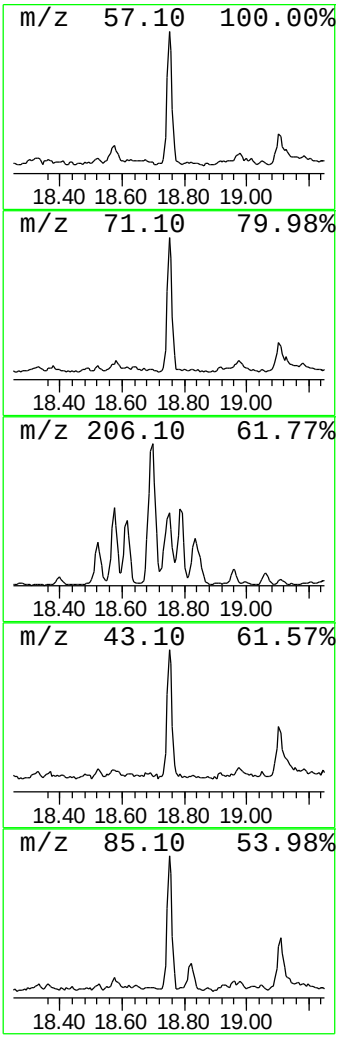
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.34 ng/ul	954910	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53





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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

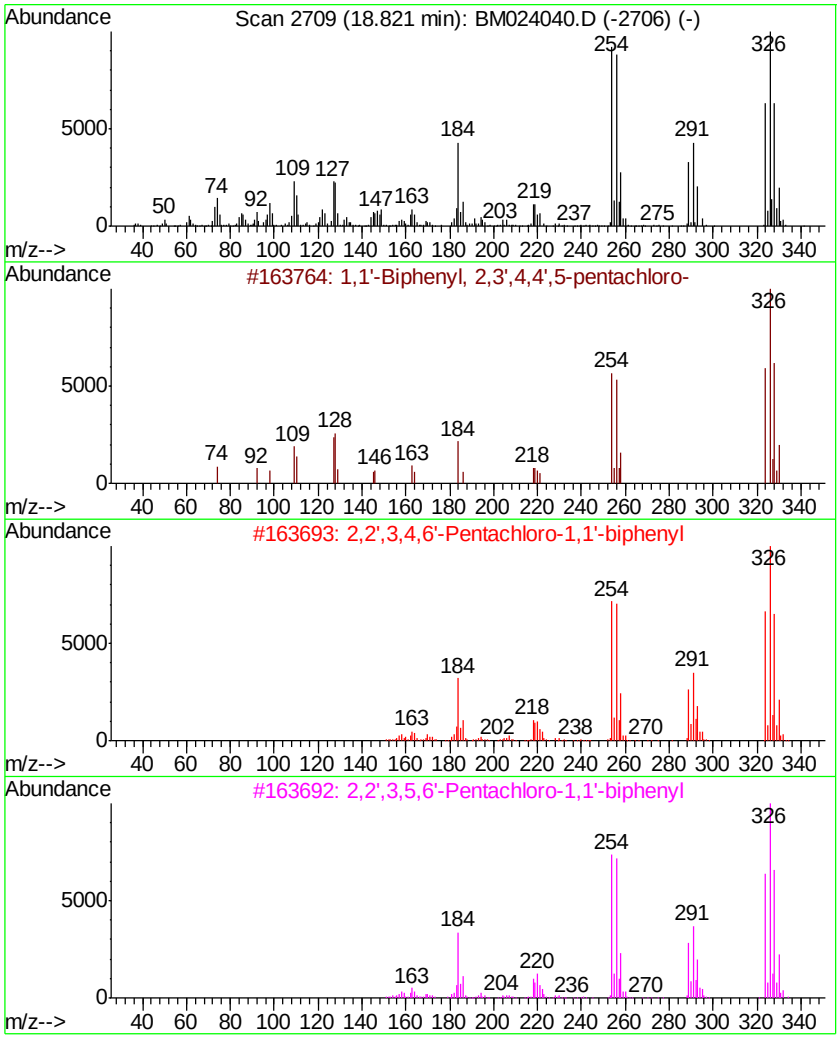
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

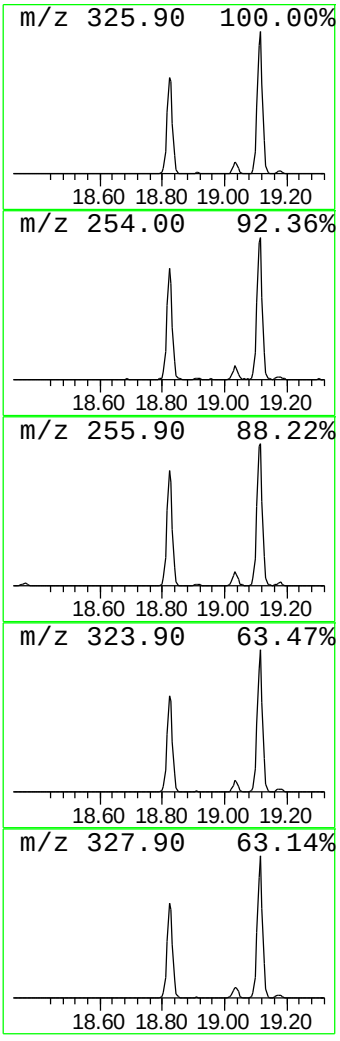
****

Peak Number 14 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	8.04 ng/ul	2299840	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	97
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	97
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

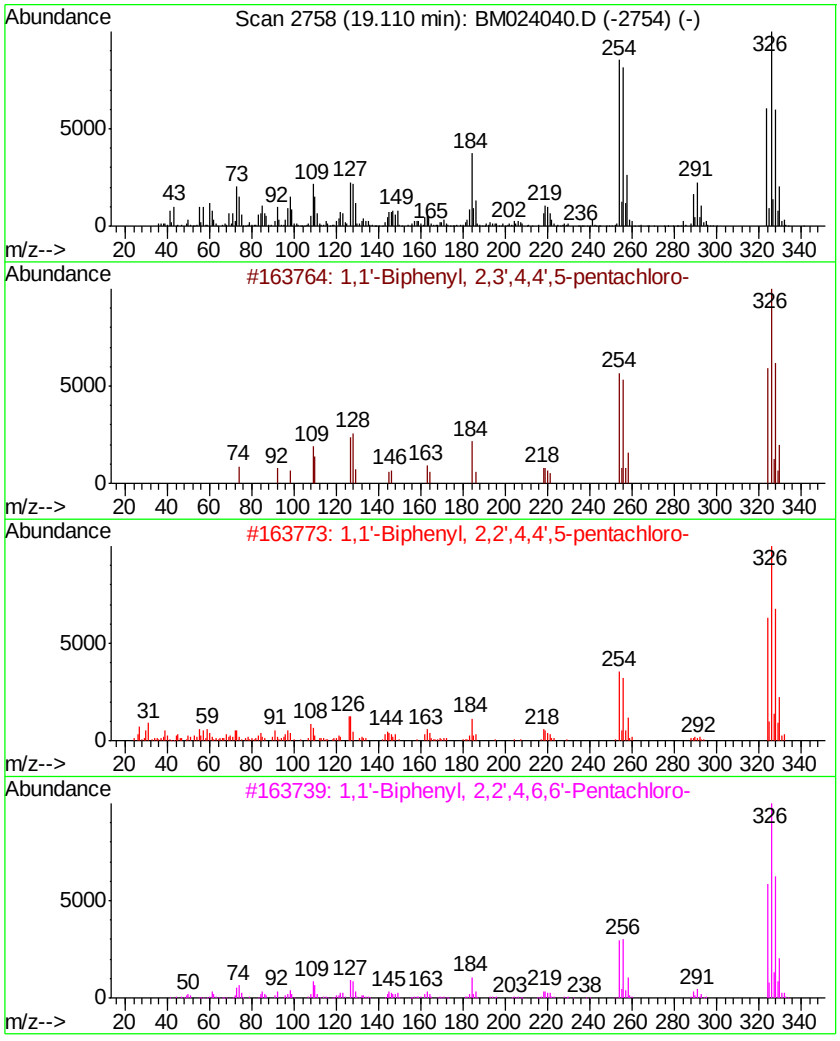
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

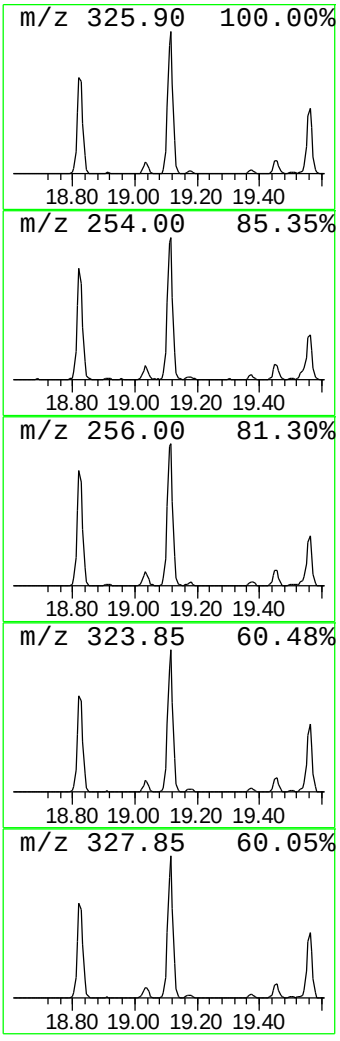
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	7.82 ng/ul	2626640	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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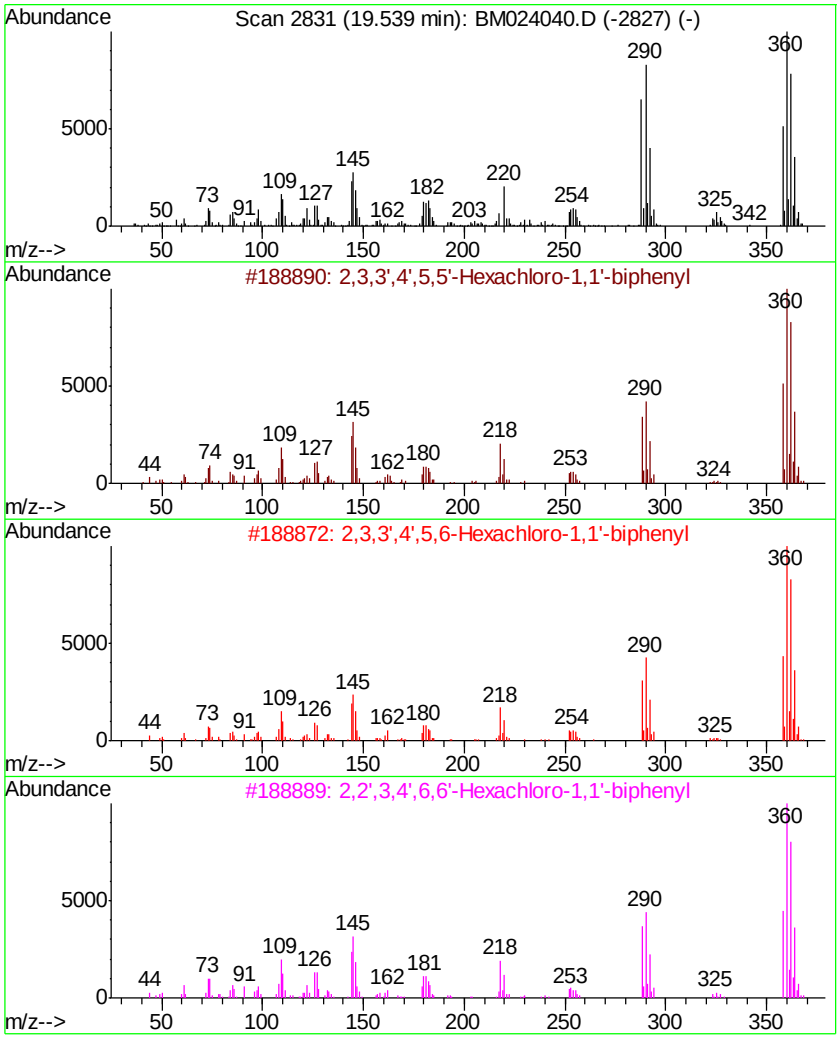
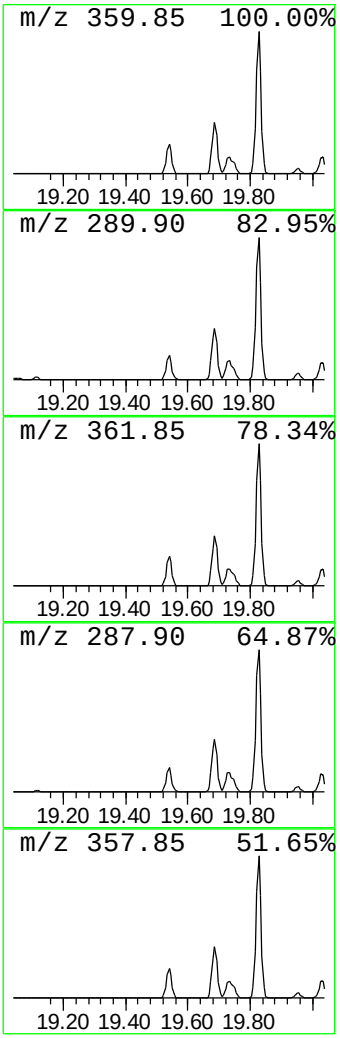
Peak Number 16 2,3,3',4',5,5'-Hexachloro-1... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.61 ng/ul	1211710	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
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Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

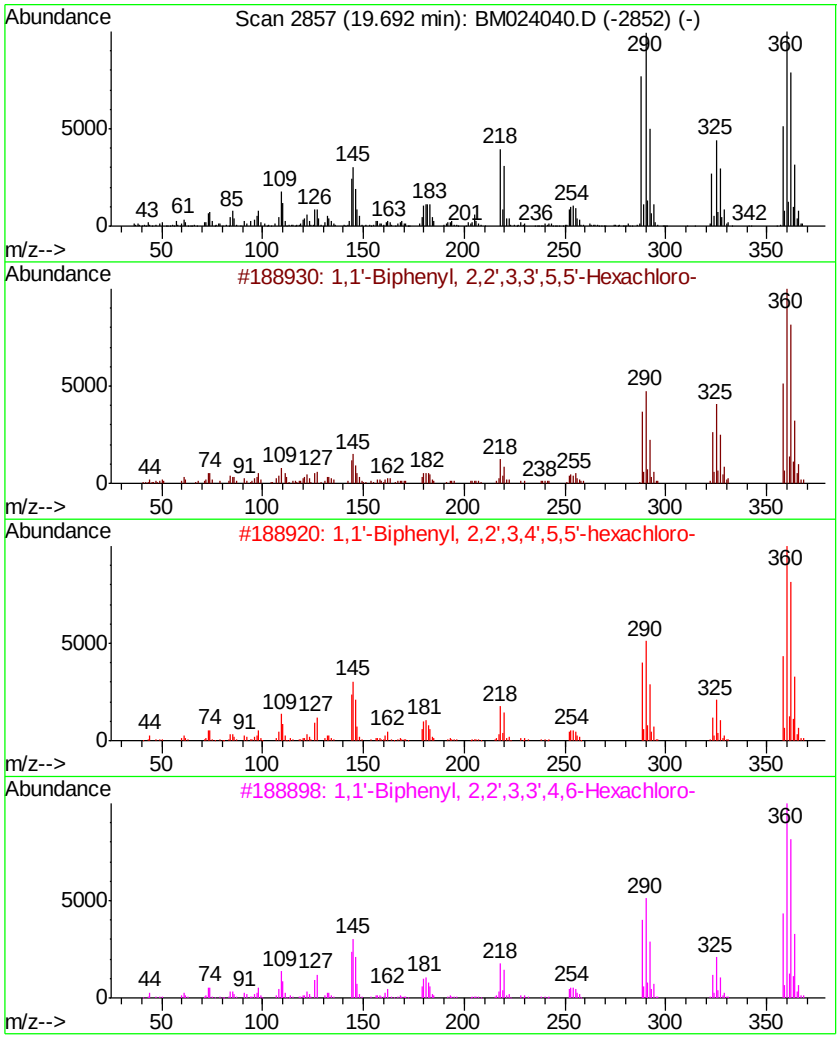
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

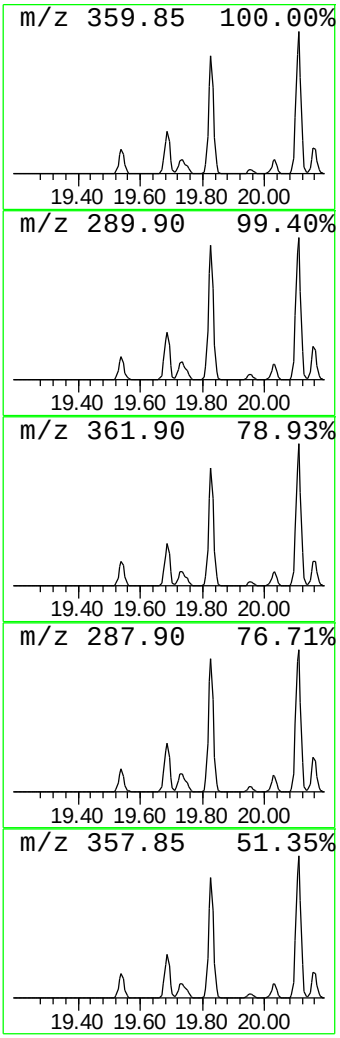
****

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	8.28 ng/ul	2780100	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99





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Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

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

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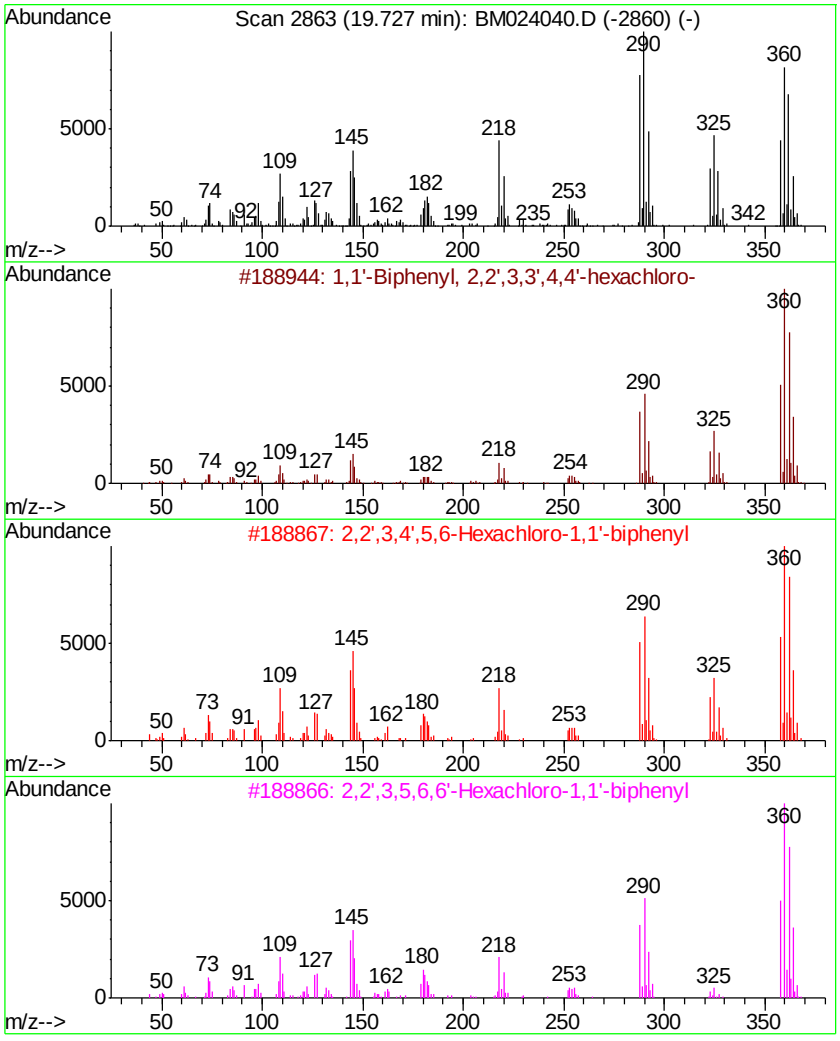
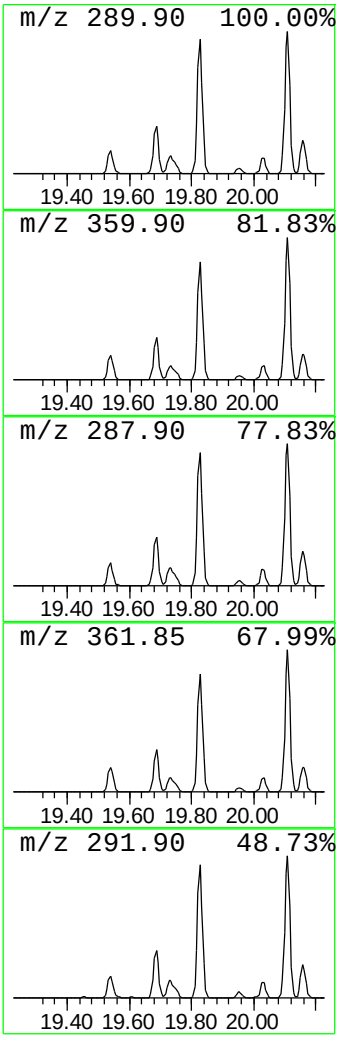
Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	4.39 ng/ul	1472520	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

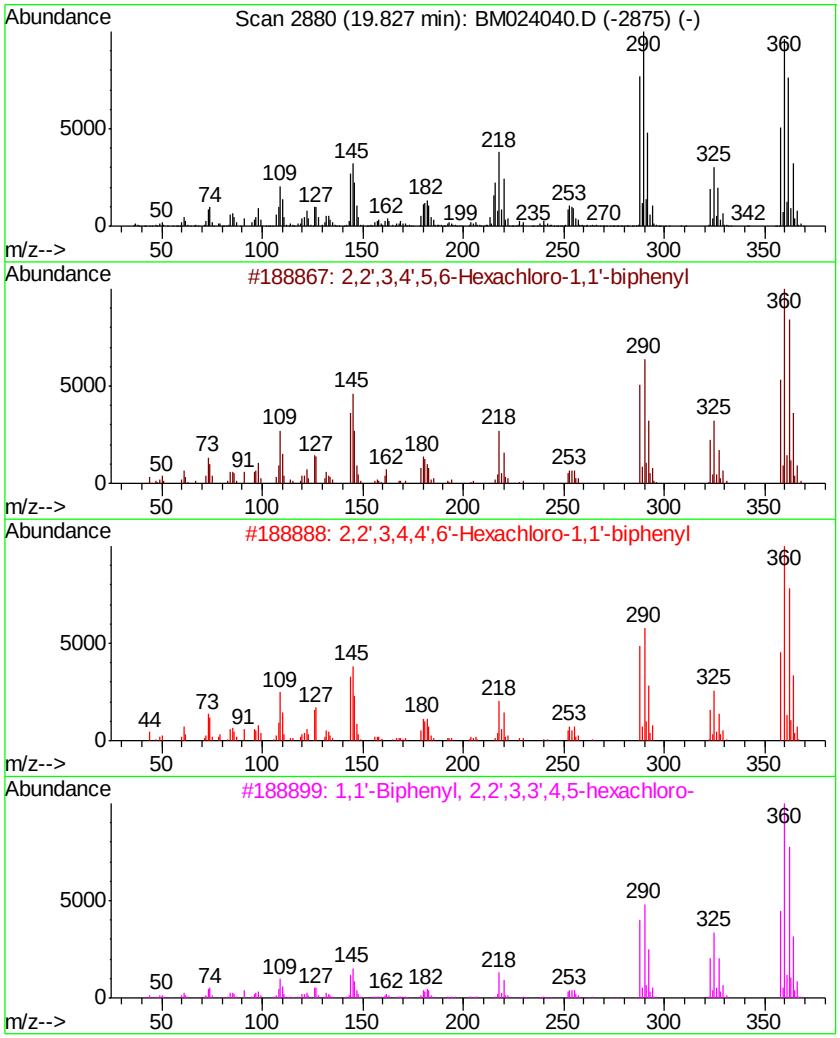
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

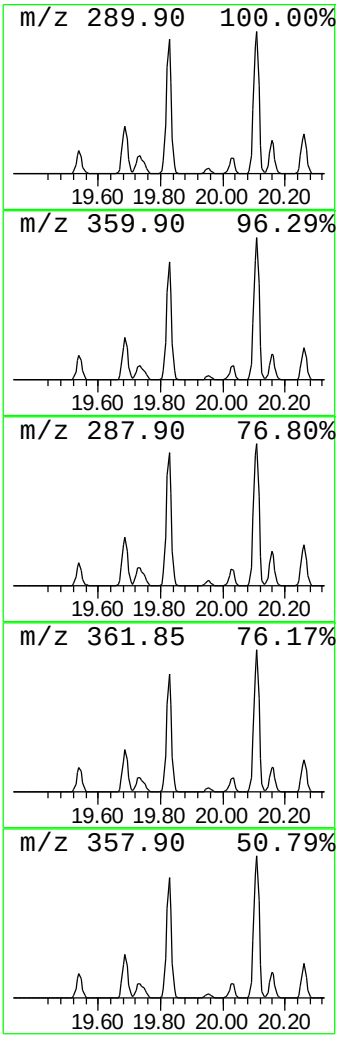
****

Peak Number 19 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	20.89 ng/ul	7012330	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

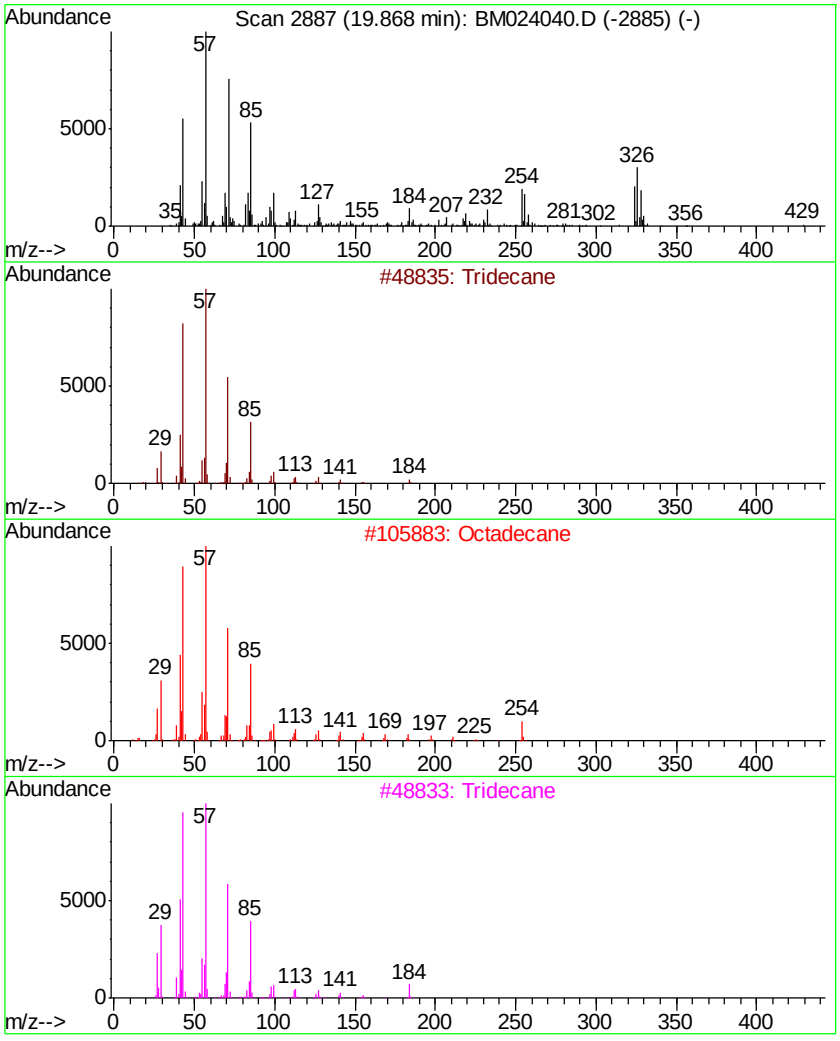
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

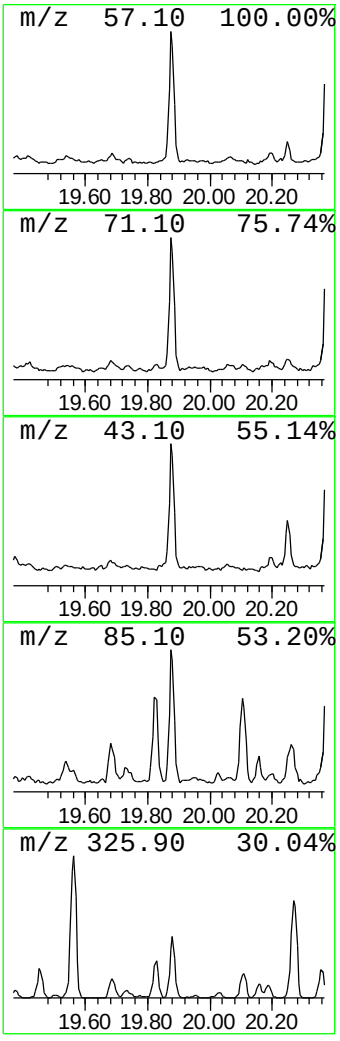
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.43 ng/ul	816426	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Octadecane	254	C18H38	000593-45-3	49
3	Tridecane	184	C13H28	000629-50-5	46
4	Octadecane	254	C18H38	000593-45-3	45
5	Heneicosane	296	C21H44	000629-94-7	45





Library Search Compound Report

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Sample : K6088-02
Misc :
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Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

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

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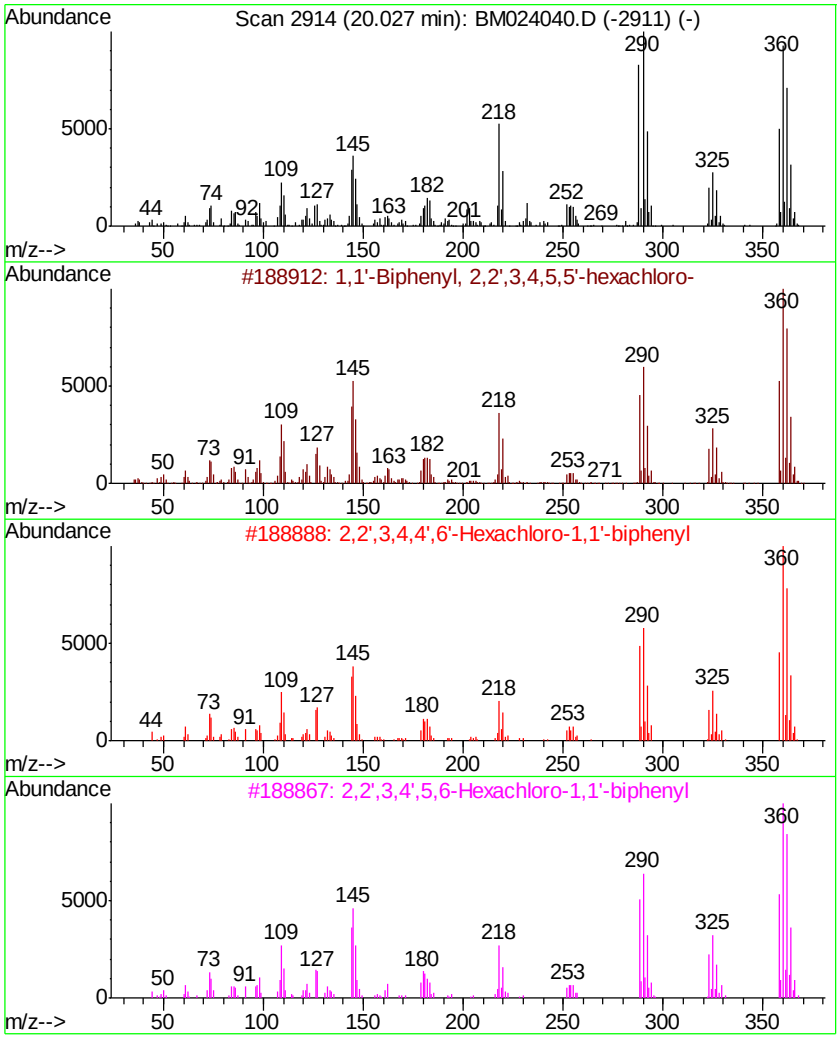
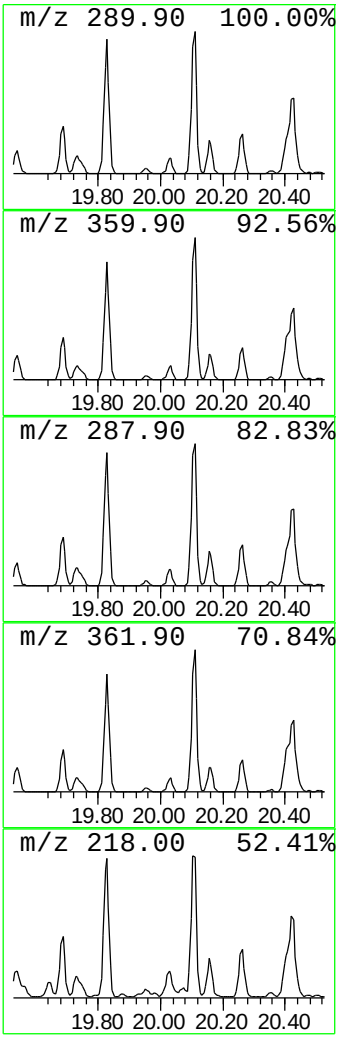
Peak Number 21 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.46 ng/ul	825912	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

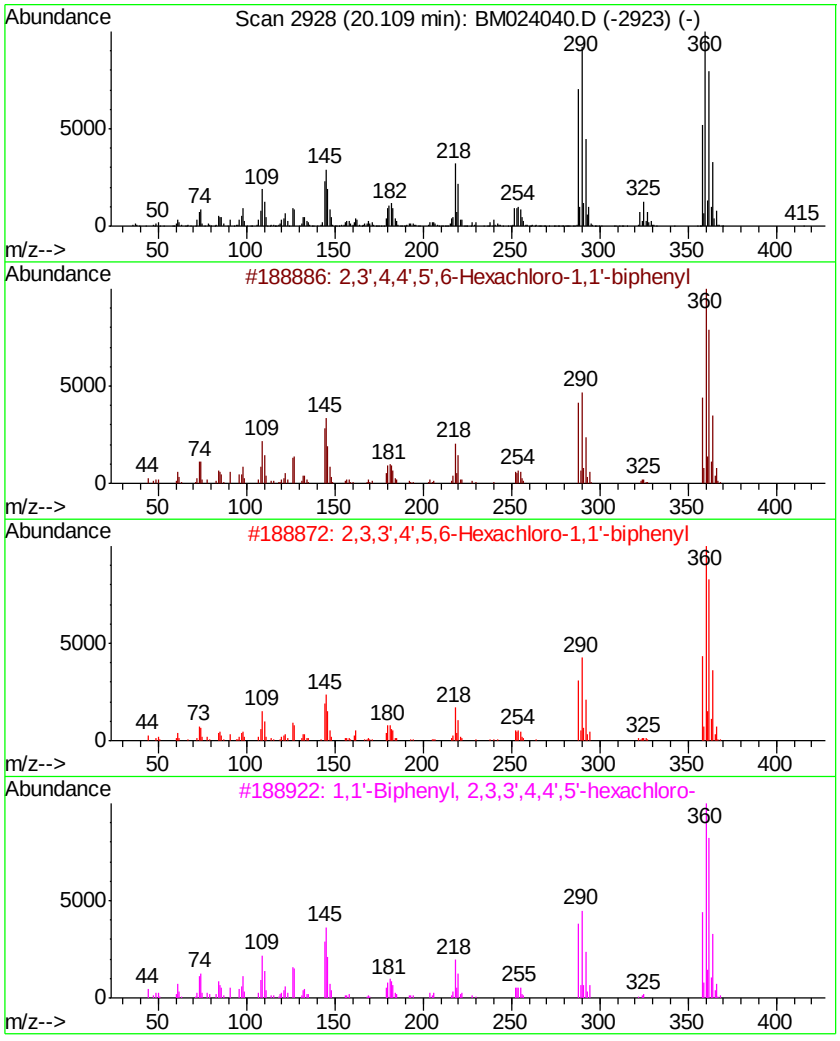
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

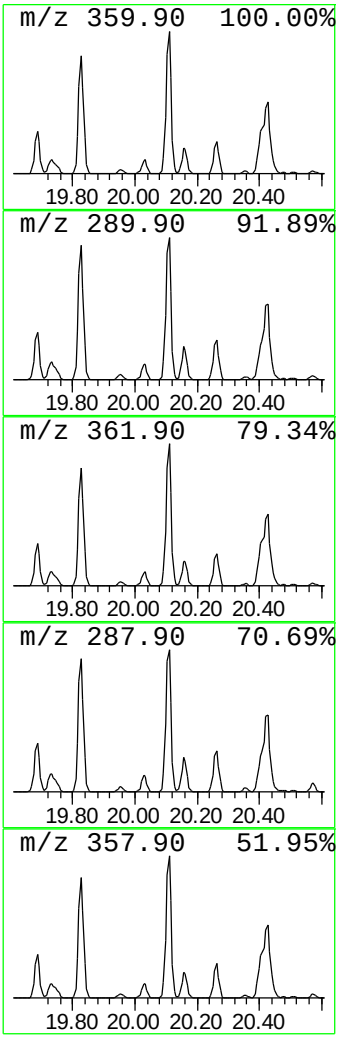
****

Peak Number 22 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	20.98 ng/ul	7044090	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

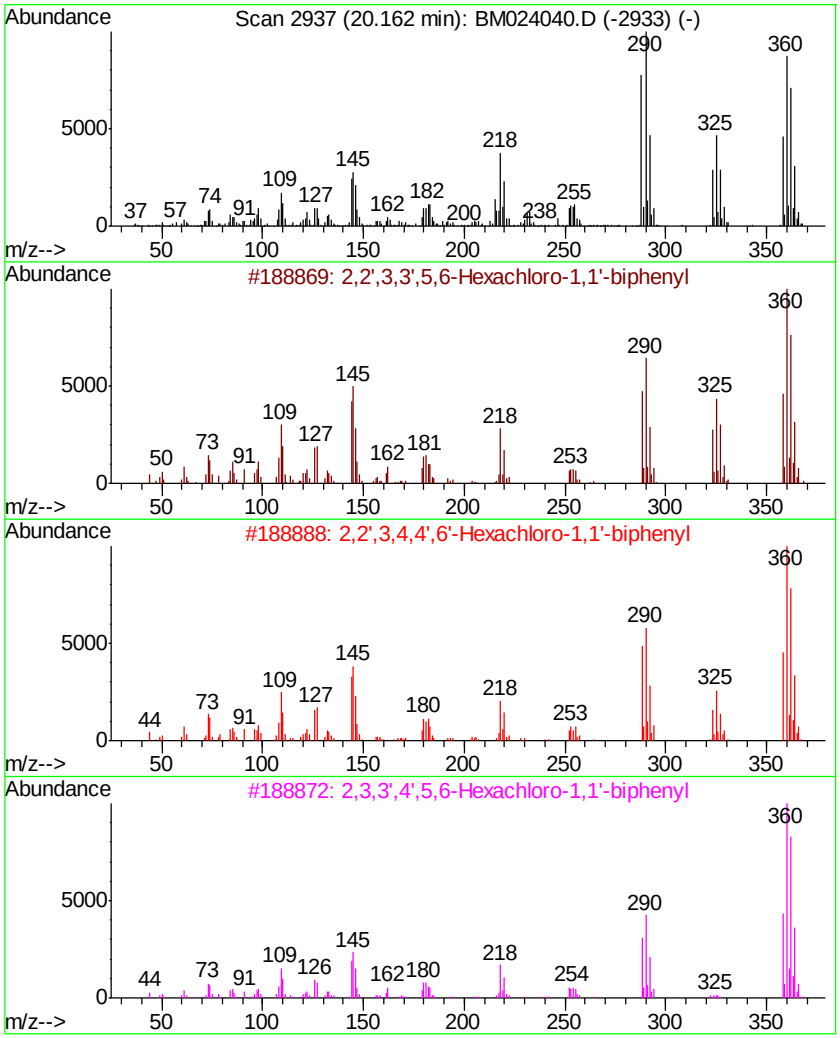
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

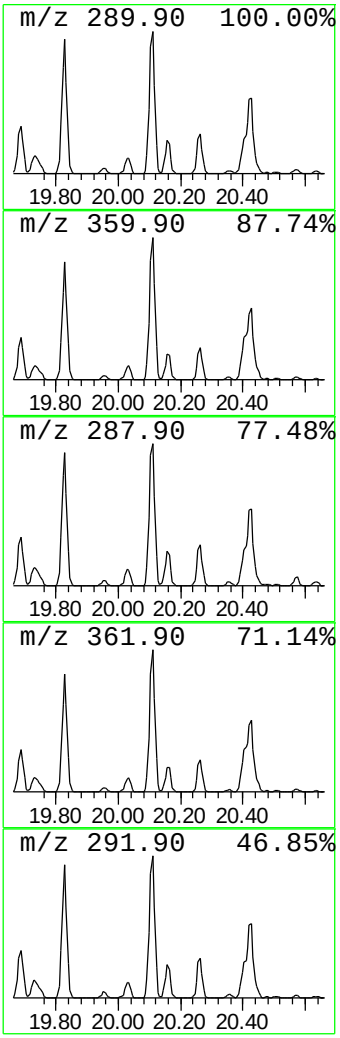
****

Peak Number 23 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	5.49 ng/ul	1841760	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

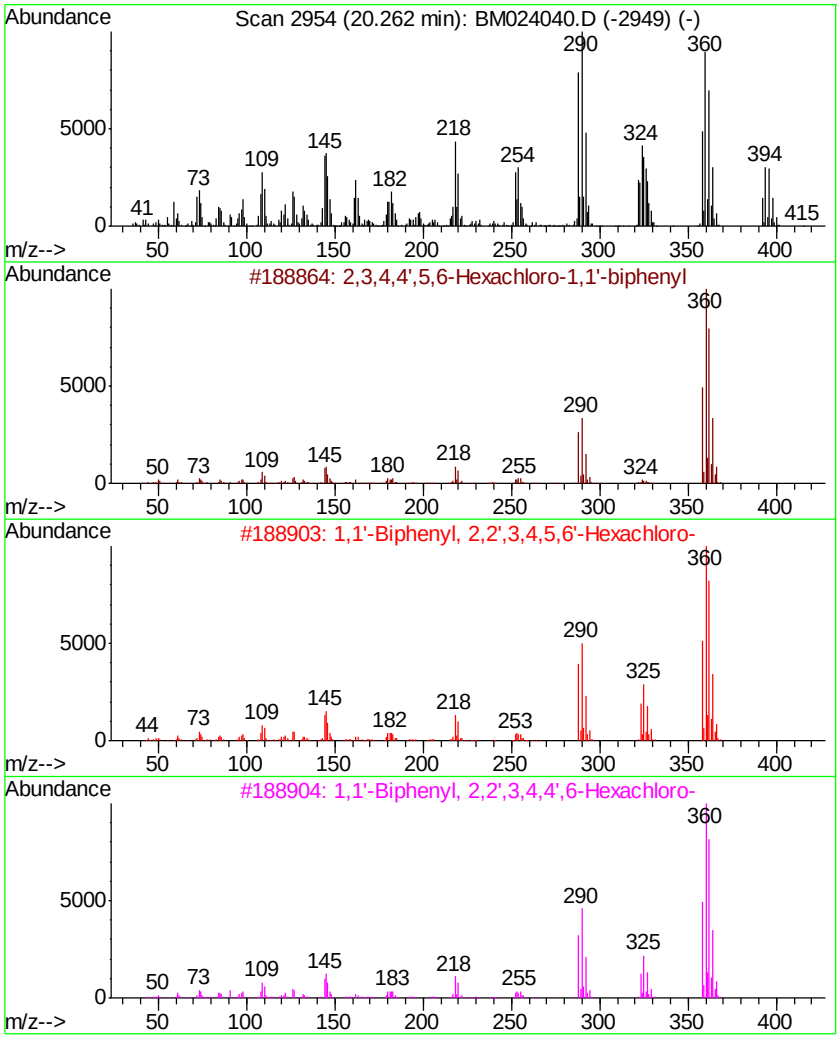
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

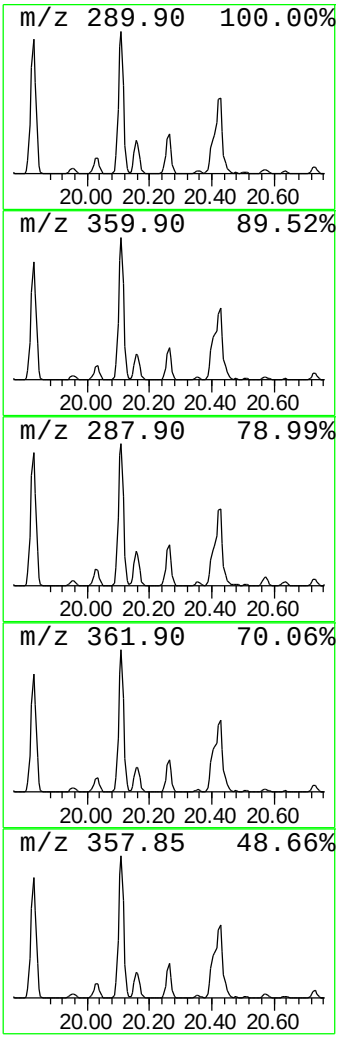
****

Peak Number 24 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	12.23 ng/ul	4106340	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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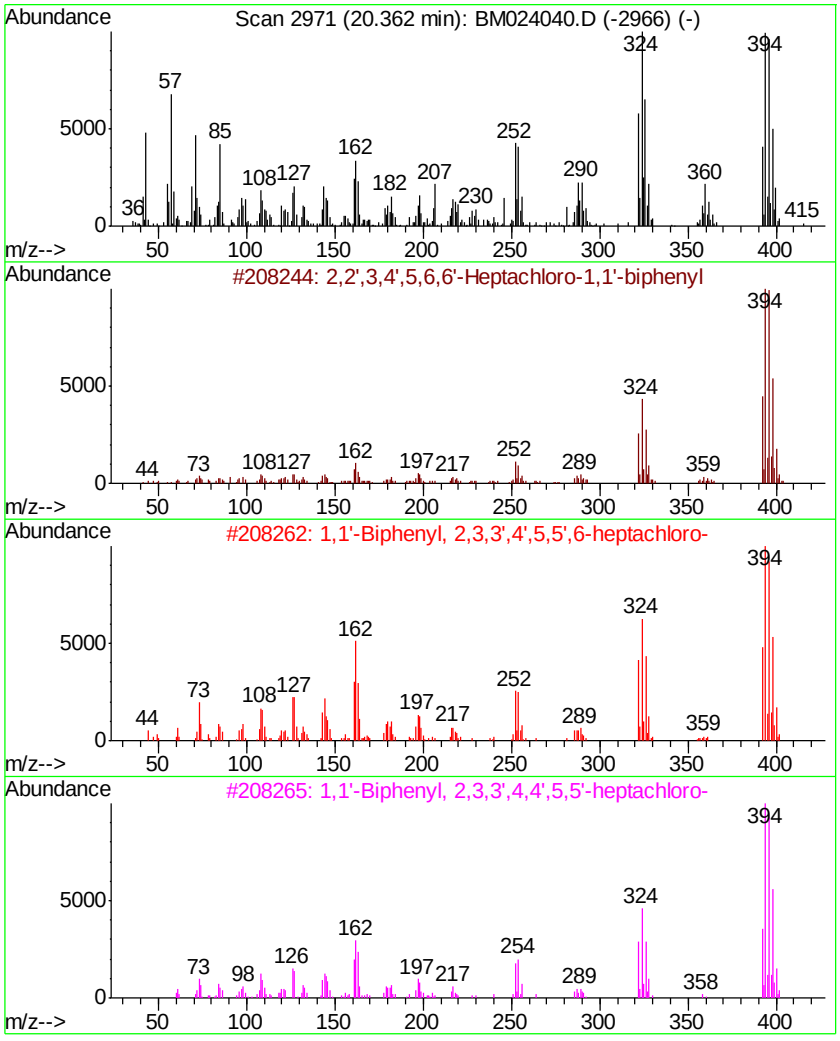
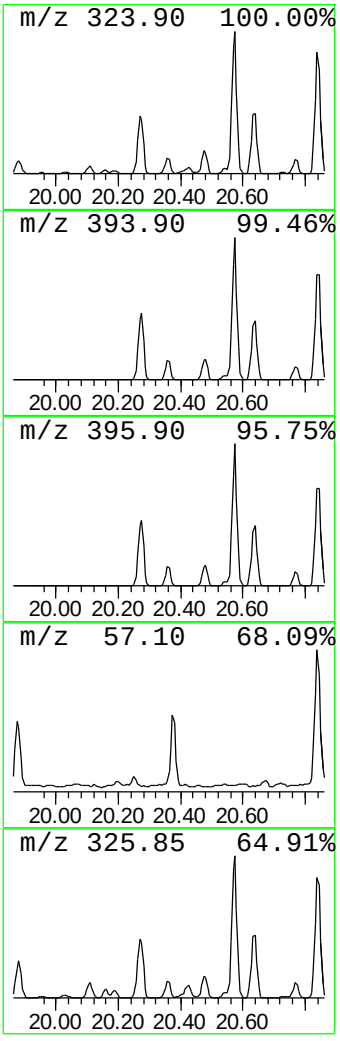
Peak Number 25 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.25 ng/ul	754740	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
2	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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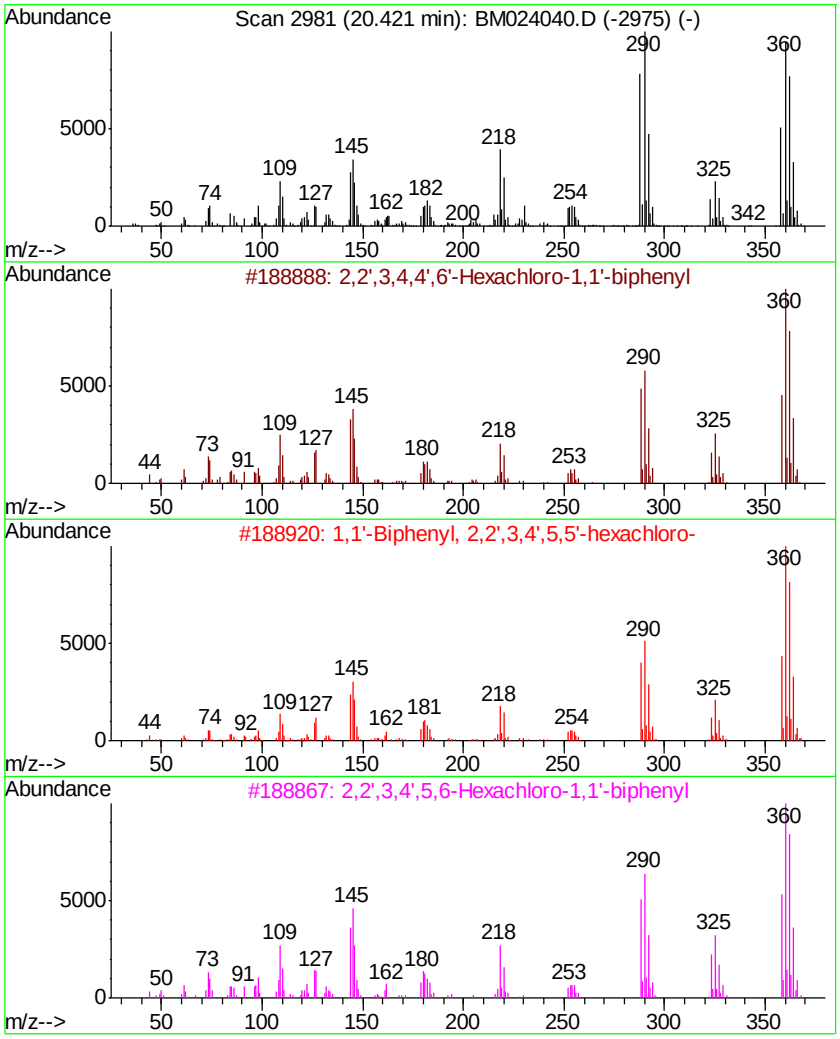
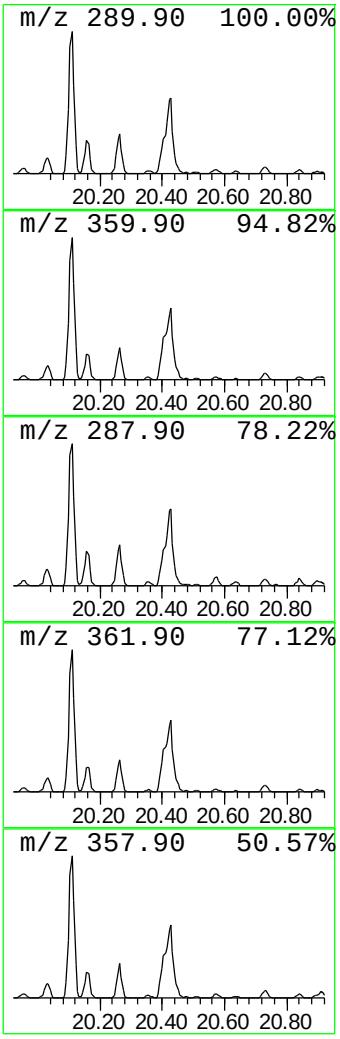
Peak Number 26 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	18.50 ng/ul	6211320	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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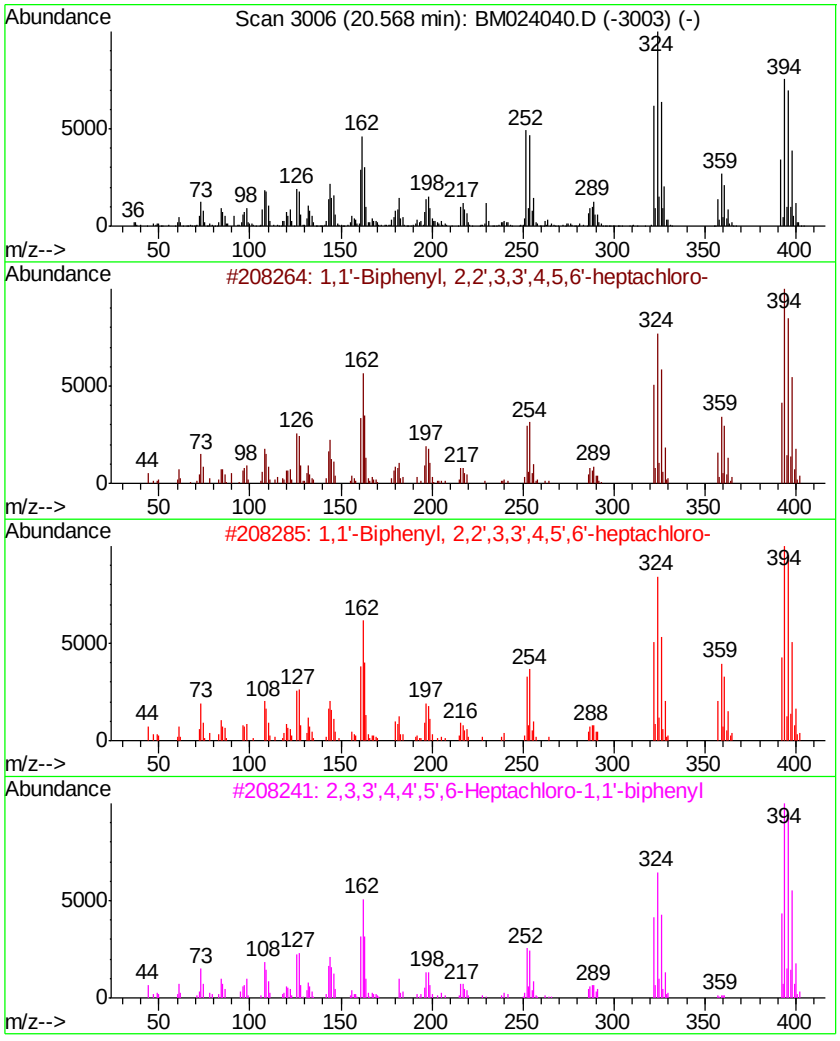
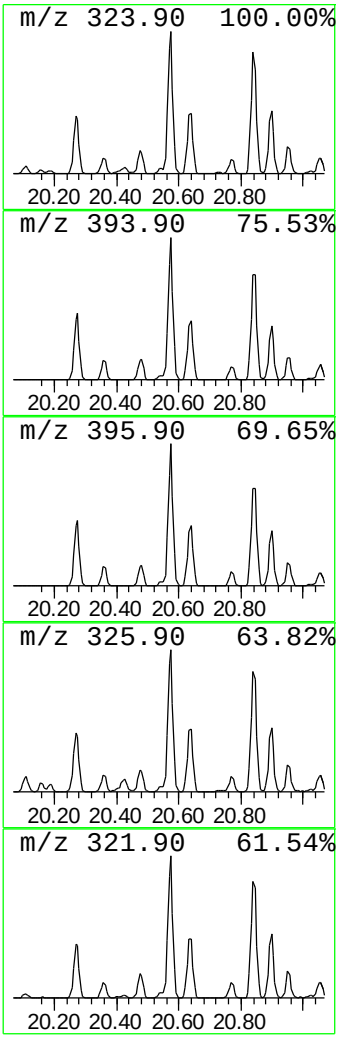
Peak Number 28 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	12.65 ng/ul	4248040	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

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Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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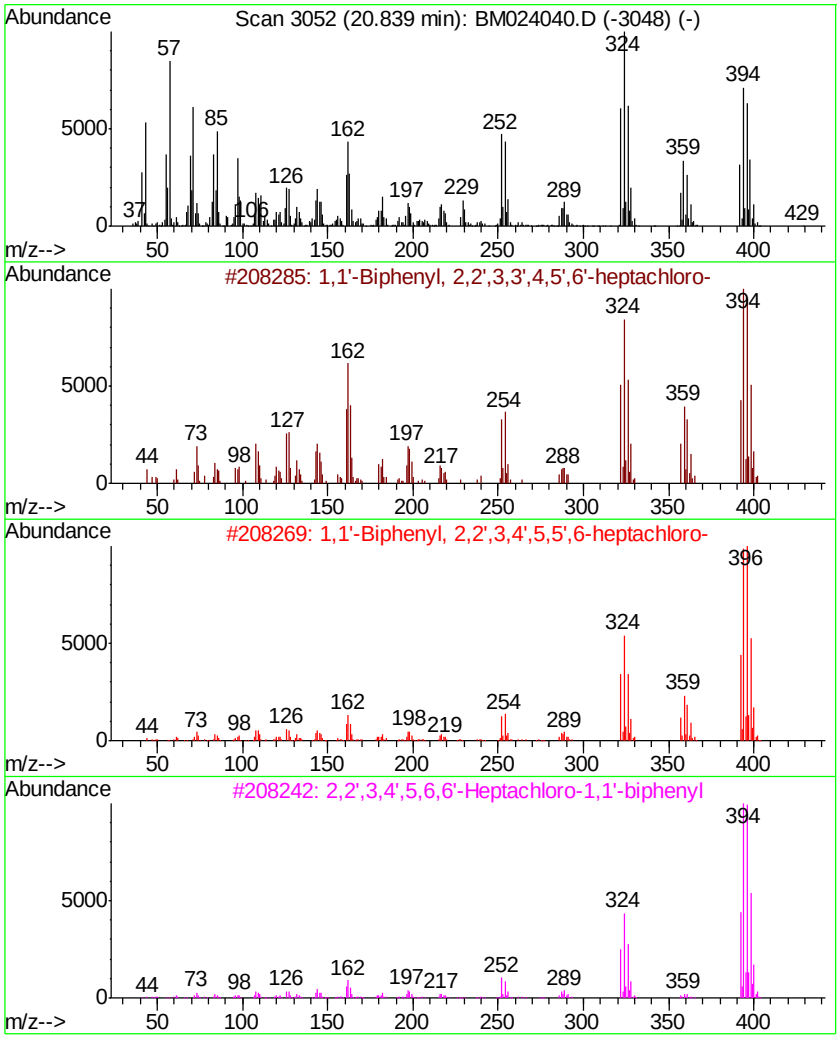
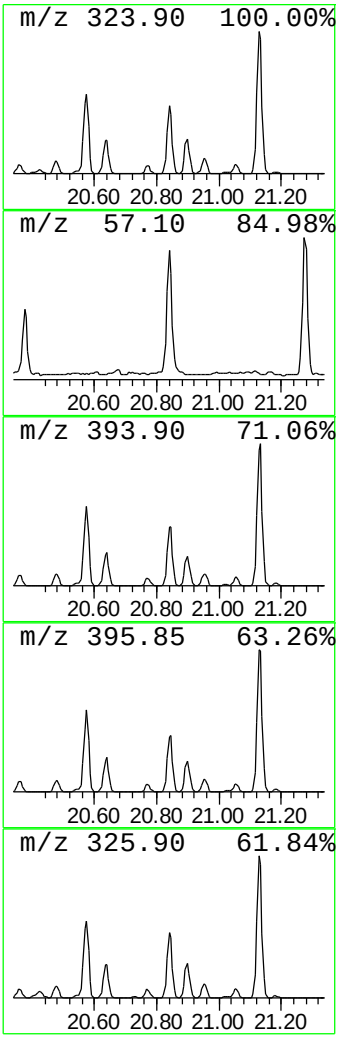
Peak Number 31 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	14.47 ng/ul	4858410	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

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Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

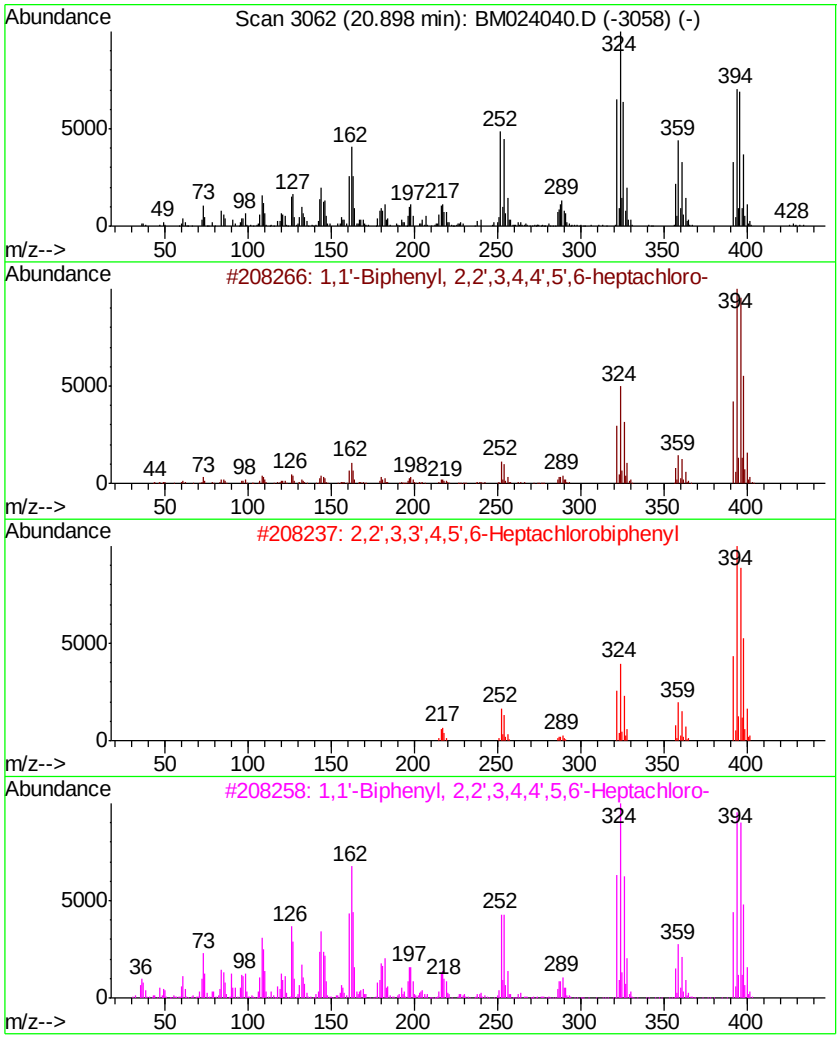
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

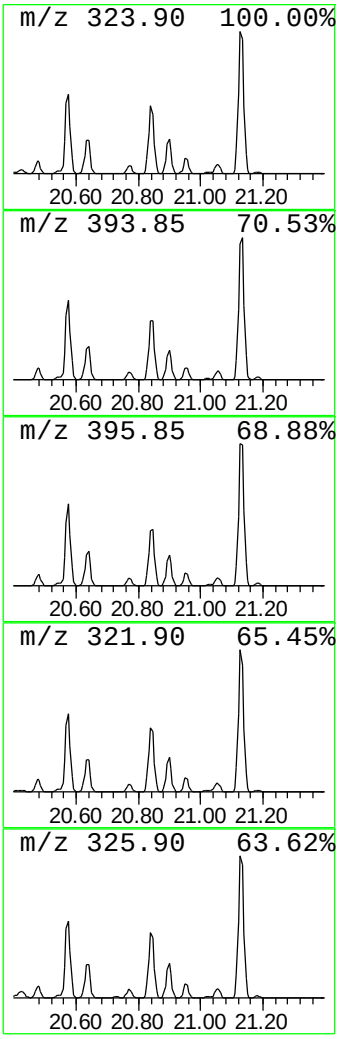
****

Peak Number 32 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.03 ng/ul	2023270	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99
5	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99





Library Search Compound Report

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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

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Quant Title : SVOA CALIBRATION

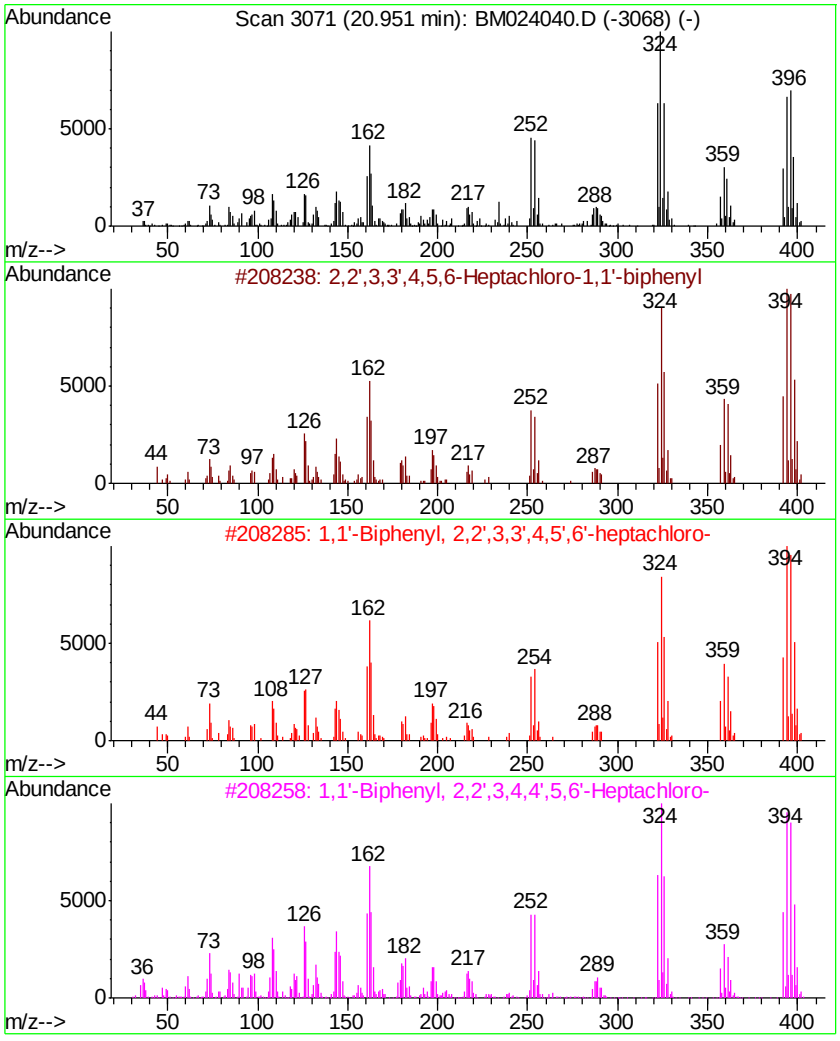
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

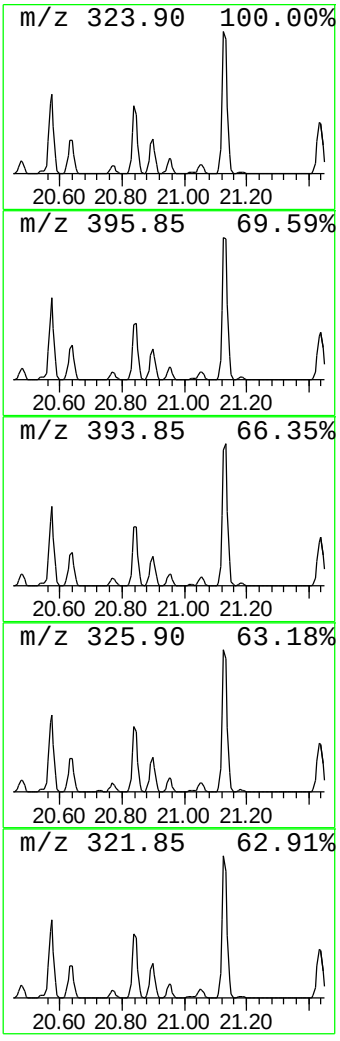
****

Peak Number 33 2,2',3,3',4,5,6-Heptachloro... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.02 ng/ul	679654	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

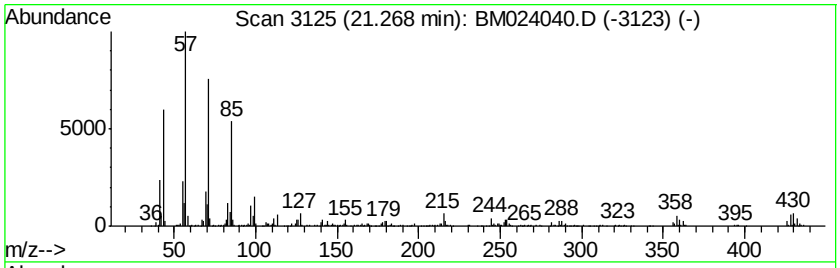
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

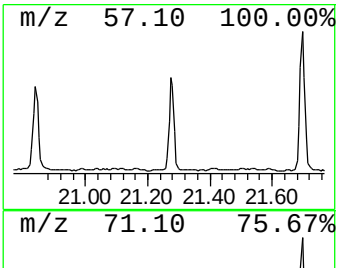
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.95 ng/ul	1325370	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Library Search Compound Report

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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

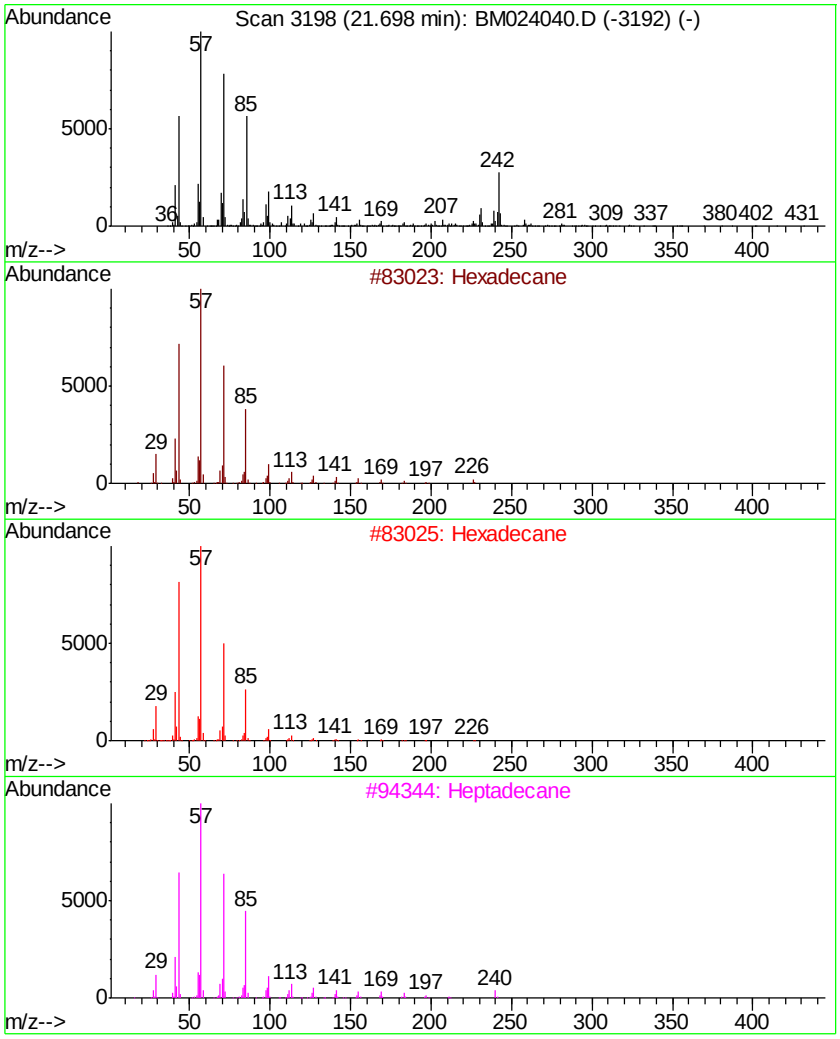
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

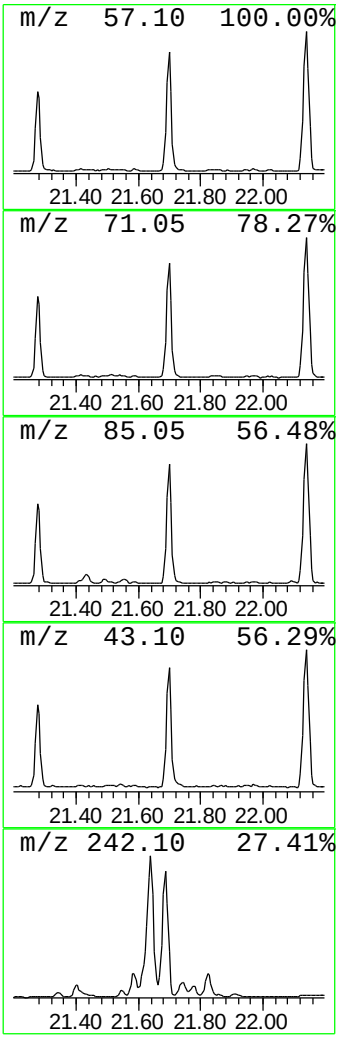
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	8.93 ng/ul	2996850	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Heptadecane	240	C17H36	000629-78-7	95
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

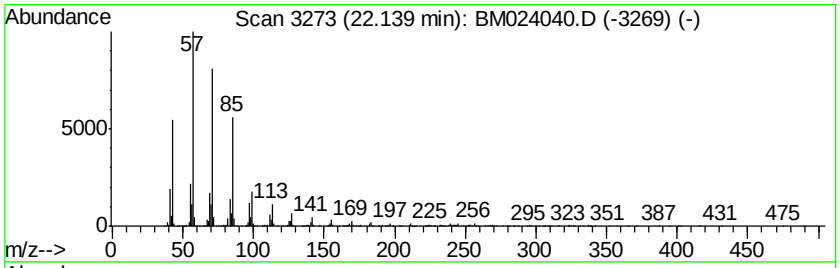
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

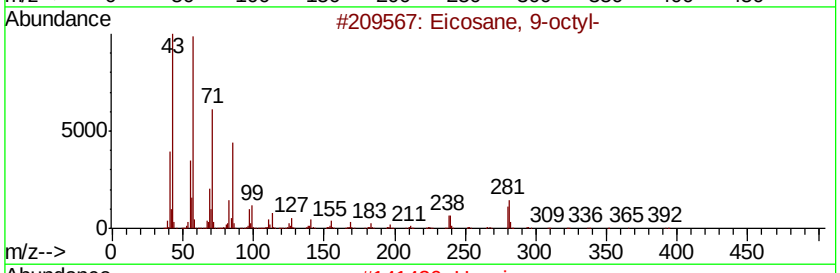
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

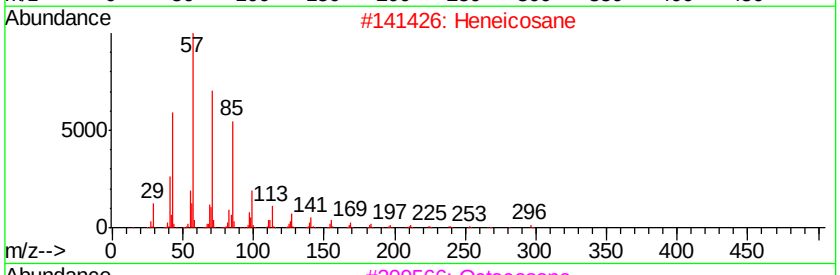
****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 14

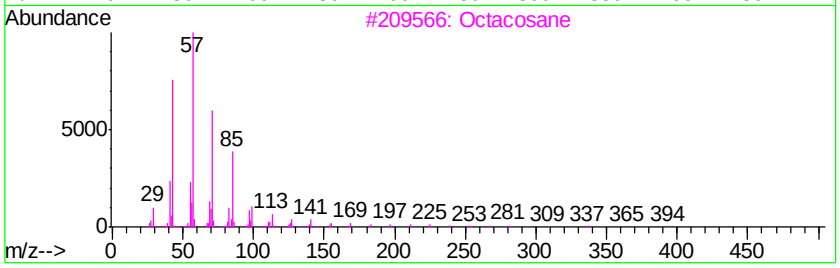
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	7.87 ng/ul	2642300	Chrysene-d12	21.10

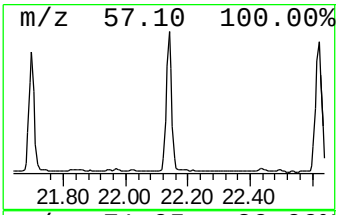
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91

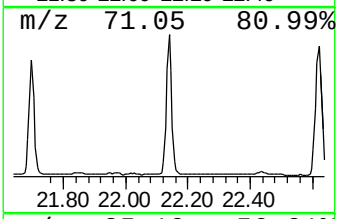


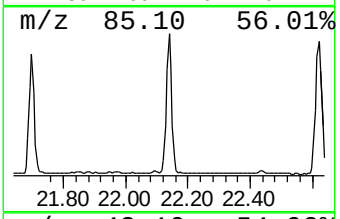


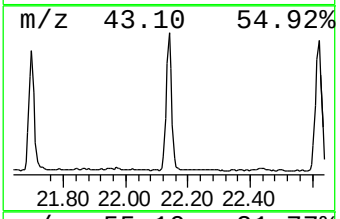


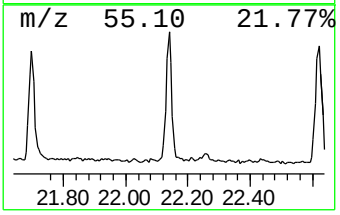












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Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

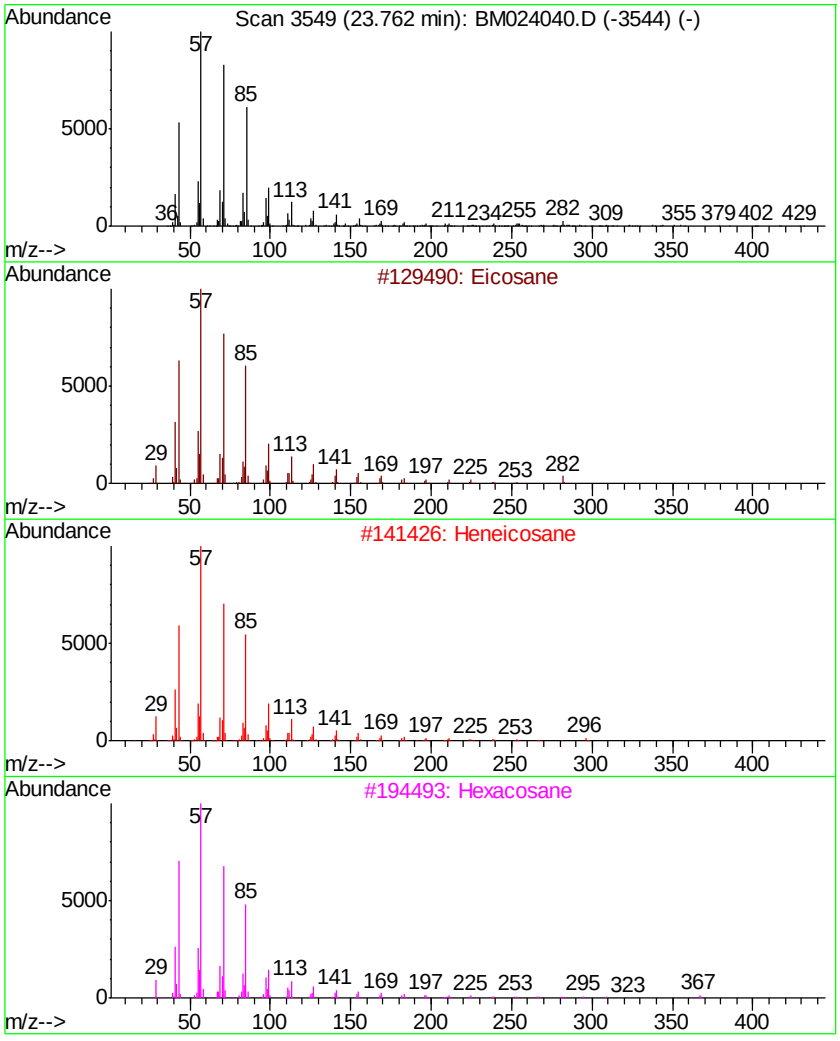
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

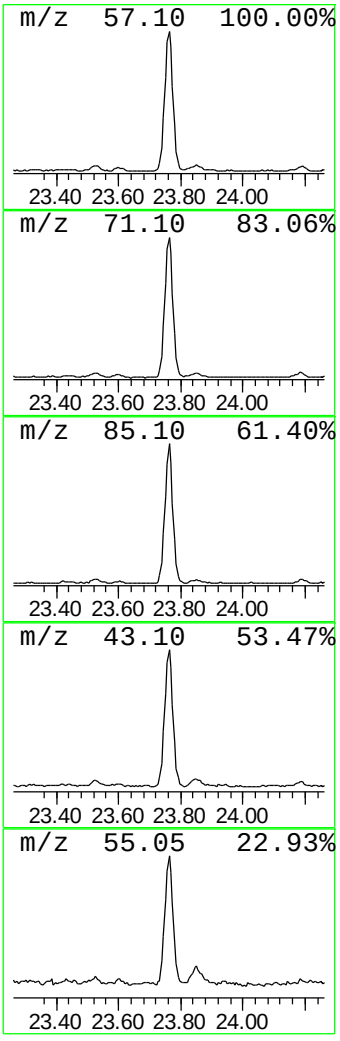
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	9.70 ng/ul	2291290	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

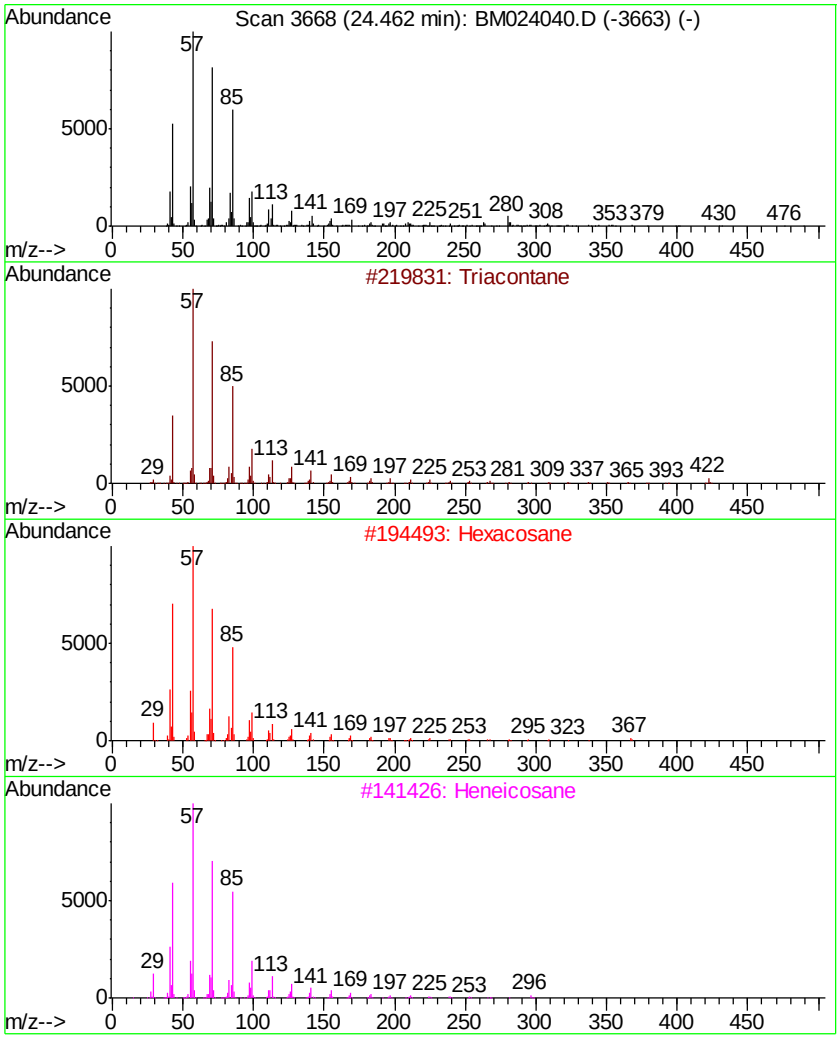
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

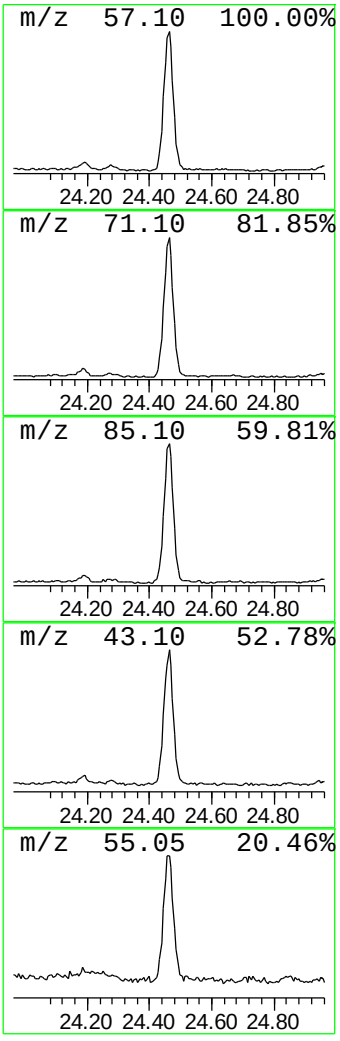
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	5.20 ng/ul	1228060	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

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Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 45 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.57 ng/ul	680307	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
2	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
3	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
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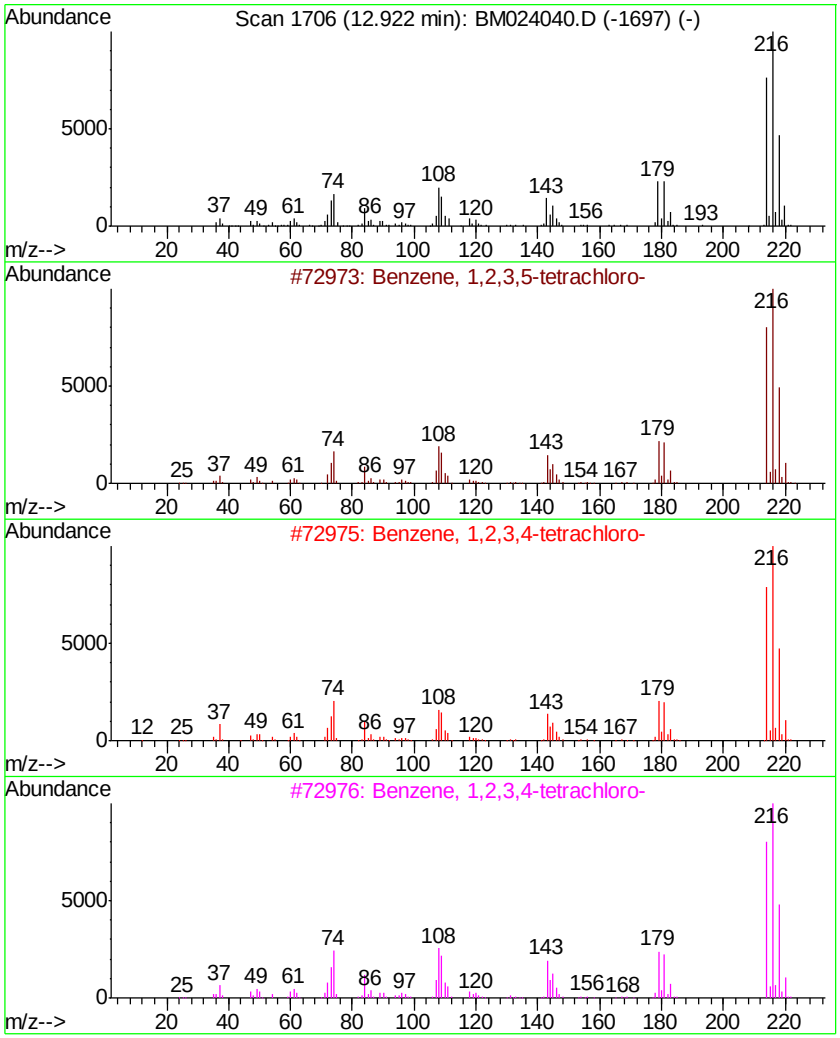

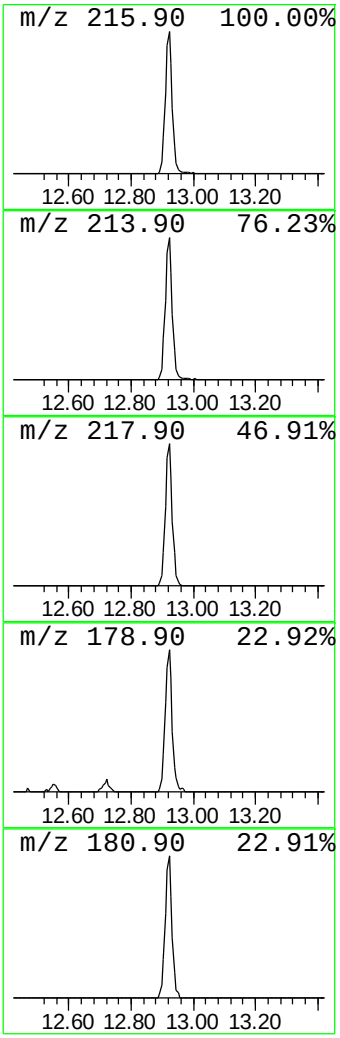

Tentatively Identified Compound (LSC) summary

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Data File : BM024040.D
Acq On : 11 Dec 2019 19:04
Operator : JU
Sample : K6088-02
Misc :
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Instrument : BNA_M
ClientSampleId : C0BM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
Benzene, 1,2,3-tr...	10.12	29.7	ng/ul	5661540	2	10.25	3815180	20.0
Benzene, 1,3,5-tr...	10.63	11.3	ng/ul	2153140	2	10.25	3815180	20.0
Naphthalene, 1-me...	12.15	2.0	ng/ul	383452	2	10.25	3815180	20.0
Naphthalene, 2,6-...	13.45	2.0	ng/ul	535611	3	14.13	5284410	20.0
Naphthalene, 1,6,...	14.55	2.0	ng/ul	531548	3	14.13	5284410	20.0
(DEL) Alkane: Str...	15.89	3.4	ng/ul	981944	4	16.89	5724020	20.0
(DEL) Alkane: Str...	16.68	2.2	ng/ul	617632	4	16.89	5724020	20.0
Anthracene, 1-met...	17.76	2.5	ng/ul	706126	4	16.89	5724020	20.0
Phenanthrene, 2-m...	17.82	7.8	ng/ul	2244770	4	16.89	5724020	20.0
1H-Cyclopropa[l]p...	17.95	2.8	ng/ul	809346	4	16.89	5724020	20.0
(DEL) Alkane: Str...	18.11	2.2	ng/ul	619311	4	16.89	5724020	20.0
Phenanthrene, 2,5...	18.70	2.6	ng/ul	749163	4	16.89	5724020	20.0
9,10-Dimethylanth...	18.75	3.3	ng/ul	954910	4	16.89	5724020	20.0
1,1'-Biphenyl, 2,...	18.82	8.0	ng/ul	2299840	4	16.89	5724020	20.0
1,1'-Biphenyl, 2,...	19.11	7.8	ng/ul	2626640	5	21.10	6714530	20.0
2,3,3',4',5,5'-He...	19.54	3.6	ng/ul	1211710	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	19.69	8.3	ng/ul	2780100	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	19.73	4.4	ng/ul	1472520	5	21.10	6714530	20.0
2,2',3,4',5,6-Hex...	19.83	20.9	ng/ul	7012330	5	21.10	6714530	20.0
(DEL) Alkane: Str...	19.87	2.4	ng/ul	816426	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	20.03	2.5	ng/ul	825912	5	21.10	6714530	20.0
2,3',4,4',5',6-He...	20.11	21.0	ng/ul	7044090	5	21.10	6714530	20.0
2,2',3,3',5,6-Hex...	20.16	5.5	ng/ul	1841760	5	21.10	6714530	20.0
2,3,4,4',5,6-Hexa...	20.26	12.2	ng/ul	4106340	5	21.10	6714530	20.0
2,2',3,4',5,6,6'-...	20.36	2.3	ng/ul	754740	5	21.10	6714530	20.0
2,2',3,4,4',6'-He...	20.42	18.5	ng/ul	6211320	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	20.57	12.7	ng/ul	4248040	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	20.84	14.5	ng/ul	4858410	5	21.10	6714530	20.0
1,1'-Biphenyl, 2,...	20.90	6.0	ng/ul	2023270	5	21.10	6714530	20.0
2,2',3,3',4,5,6-H...	20.95	2.0	ng/ul	679654	5	21.10	6714530	20.0
(DEL) Alkane: Str...	21.27	4.0	ng/ul	1325370	5	21.10	6714530	20.0
(DEL) Alkane: Str...	21.70	8.9	ng/ul	2996850	5	21.10	6714530	20.0
(DEL) Alkane: Str...	22.14	7.9	ng/ul	2642300	5	21.10	6714530	20.0
(DEL) Alkane: Str...	23.76	9.7	ng/ul	2291290	6	23.23	4724500	20.0
(DEL) Alkane: Str...	24.46	5.2	ng/ul	1228060	6	23.23	4724500	20.0
Benzene, 1,2,3,5-...	12.92	2.6	ng/ul	680307	3	14.13	5284410	20.0