LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	7	12	32	rVB	1522535	2465803	100.00%	8.096%
2	3.422	53	57	66	rVB2	8595	16189	0.66%	0.053%
3	3.851	125	130	138	rVB5	5990	10145	0.41%	0.033%
4	3.951	142	147	154	rBV2	31764	50028	2.03%	0.164%
5	4.086	165	170	175	rBV2	11050	18340	0.74%	0.060%
6	4.180	182	186	195	rVB	13974	25083	1.02%	0.082%
7	4.638	260	264	269	rBV2	7024	10137	0.41%	0.033%
8	4.738	276	281	288	rVB7	7269	14478	0.59%	0.048%
9	5.108	336	344	347	rBV2	10284	17827	0.72%	0.059%
10	5.144	347	350	355	rVV5	5135	7407	0.30%	0.024%
11	5.197	355	359	365	rVB4	7632	13278	0.54%	0.044%
12	5.526	408	415	422	rVB	54848	88111	3.57%	0.289%
13	6.001	489	496	511	rBV	226021	391839	15.89%	1.286%
14	6.513	576	583	590	rVB	19423	33957	1.38%	0.111%
15	7.006	661	667	676	rVB2	10672	21486	0.87%	0.071%
16	7.118	682	686	690	rVV3	4922	7938	0.32%	0.026%
17	7.182	690	697	708	rVV	171716	340206	13.80%	1.117%
18	7.353	719	726	735	rBV	120741	212425	8.61%	0.697%
19	7.459	740	744	749	rVB2	8717	11658	0.47%	0.038%
20	7.564	754	762	770	rVV	174653	315660	12.80%	1.036%
21	7.664	774	779	787	rVV4	22111	47624	1.93%	0.156%
22	7.934	818	825	832	rBV4	8937	17884	0.73%	0.059%
23	8.034	832	842	858	rVV	280218	500304	20.29%	1.643%
24	8.393	898	903	910	rVB2	22460	38163	1.55%	0.125%
25	8.546	922	929	932	rBV4	5462	8375	0.34%	0.027%
26	8.587	932	936	942	rVB4	5050	8734	0.35%	0.029%
27	8.692	949	954	956	rBV3	6281	9415	0.38%	0.031%
28	8.739	956	962	971	rVB	169207	310328	12.59%	1.019%
29	8.863	978	983	990	rVB	34898	63739	2.58%	0.209%
30	9.198	1034	1040	1049	rVB	158782	293939	11.92%	0.965%
31	9.286	1049	1055	1061	rVV2	16247	28621	1.16%	0.094%
32	9.926	1157	1164	1172	rBV	136580	255741	10.37%	0.840%
33	10.020	1172	1180	1185	rVV	88306	184419	7.48%	0.605%
34	10.061	1185	1187	1198	rVB2	34885	62367	2.53%	0.205%

LSC Area Percent Report

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Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	10.291	1218	1226	1230	rBV8	7694	19131	0.78%	0.063%
36	10.473	1250	1257	1267	rVV	222740	418337	16.97%	1.373%
37	10.860	1314	1323	1329	rBV	392264	718294	29.13%	2.358%
38	10.907	1329	1331	1336	rVB	13914	20471	0.83%	0.067%
39	11.013	1336	1349	1360	rBV2	112460	307654	12.48%	1.010%
40	11.895	1493	1499	1505	rBV6	7379	14071	0.57%	0.046%
41	12.030	1516	1522	1528	rBV	31215	58486	2.37%	0.192%
42	12.288	1561	1566	1571	rBV	14286	20961	0.85%	0.069%
43	12.441	1589	1592	1598	rVB4	6933	12476	0.51%	0.041%
44	12.529	1600	1607	1616	rBV2	145156	262444	10.64%	0.862%
45	12.741	1637	1643	1650	rBV	14539	24770	1.00%	0.081%
46	12.940	1670	1677	1689	rVB3	27222	62959	2.55%	0.207%
47	13.475	1763	1768	1771	rBV6	4510	7764	0.31%	0.025%
48	13.522	1772	1776	1781	rVV3	22925	32836	1.33%	0.108%
49	13.739	1808	1813	1820	rVB7	9228	20806	0.84%	0.068%
50	13.857	1827	1833	1834	rBV3	10688	13261	0.54%	0.044%
51	14.027	1856	1862	1867	rBV2	107112	202010	8.19%	0.663%
52	14.092	1867	1873	1877	rVV	423839	628052	25.47%	2.062%
53	14.139	1877	1881	1886	rVB	158768	225115	9.13%	0.739%
54	14.180	1886	1888	1891	rVB3	8480	9295	0.38%	0.031%
55	14.227	1891	1896	1904	rBV3	41333	67294	2.73%	0.221%
56	14.286	1904	1906	1911	rVB6	4569	7083	0.29%	0.023%
57	14.386	1916	1923	1929	rBV2	510135	856476	34.73%	2.812%
58	14.533	1946	1948	1954	rVB7	4160	7204	0.29%	0.024%
59	14.597	1954	1959	1965	rVB	26785	37091	1.50%	0.122%
60	14.697	1965	1976	1984	rBV2	677378	1189707	48.25%	3.906%
61	14.762	1984	1987	1994	rVB5	18345	31157	1.26%	0.102%
62	14.826	1994	1998	2000	rBV5	5973	7699	0.31%	0.025%
63	14.879	2000	2007	2015	rBV	64146	139736	5.67%	0.459%
64	15.026	2028	2032	2037	rVV5	19484	35984	1.46%	0.118%
65	15.091	2040	2043	2050	rVB2	26675	47511	1.93%	0.156%
66	15.167	2054	2056	2060	rVB5	10482	10341	0.42%	0.034%
67	15.320	2078	2082	2085	rVV5	9881	15610	0.63%	0.051%
68	15.361	2086	2089	2095	rVB8	10312	16062	0.65%	0.053%
69	15.490	2107	2111	2114	rBV6	12578	19179	0.78%	0.063%
70	15.549	2117	2121	2125	rVB	24179	33055	1.34%	0.109%
71	15.690	2138	2145	2150	rBV	674560	1038703	42.12%	3.410%

LSC Area Percent Report

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Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	15.743	2150	2154	2159	rVV3	24403	44197	1.79%	0.145%
73	15.802	2159	2164	2173	rVV	35829	69870	2.83%	0.229%
74	15.925	2178	2185	2187	rBV6	16818	34696	1.41%	0.114%
75	16.043	2201	2205	2210	rVB6	11027	21822	0.88%	0.072%
76	16.184	2226	2229	2234	rVB6	17294	26708	1.08%	0.088%
77	16.242	2234	2239	2247	rBV	147390	237391	9.63%	0.779%
78	16.413	2264	2268	2271	rBV4	49993	81689	3.31%	0.268%
79	16.754	2322	2326	2329	rBV	90296	137608	5.58%	0.452%
80	16.789	2329	2332	2337	rVV	213278	299753	12.16%	0.984%
81	16.842	2339	2341	2346	rVB	33351	42835	1.74%	0.141%
82	17.259	2407	2412	2417	rBV	665235	954490	38.71%	3.134%
83	17.447	2439	2444	2448	rBV2	776649	1143814	46.39%	3.755%
84	17.488	2448	2451	2455	rVV	254875	338340	13.72%	1.111%
85	17.547	2456	2461	2471	rVV	648334	1003937	40.71%	3.296%
86	18.346	2593	2597	2606	rBV4	305900	568759	23.07%	1.867%
87	18.516	2622	2626	2631	rBV2	926042	1296135	52.56%	4.255%
88	18.581	2633	2637	2641	rVV	418190	535274	21.71%	1.757%
89	18.622	2641	2644	2650	rVV2	157118	248891	10.09%	0.817%
90	18.804	2671	2675	2679	rBV	616057	825627	33.48%	2.711%
91	18.974	2702	2704	2708	rVB2	178171	205880	8.35%	0.676%
92	19.368	2767	2771	2776	rVB3	731074	1258408	51.03%	4.132%
93	19.503	2790	2794	2800	rBV	646060	882306	35.78%	2.897%
94	19.644	2815	2818	2823	rVB	668427	853841	34.63%	2.803%
95	19.709	2826	2829	2832	rVB	269106	314601	12.76%	1.033%
96	19.838	2847	2851	2854	rBV	891149	1388706	56.32%	4.559%
97	20.085	2890	2893	2898	rVB	585597	740668	30.04%	2.432%
98	21.372	3108	3112	3123	rVB2	1225438	2421536	98.20%	7.950%
99	21.630	3153	3156	3162	rVB	638499	781832	31.71%	2.567%
100	22.036	3221	3225	3230	rVB	761100	1157702	46.95%	3.801%

Sum of corrected areas: 30458049

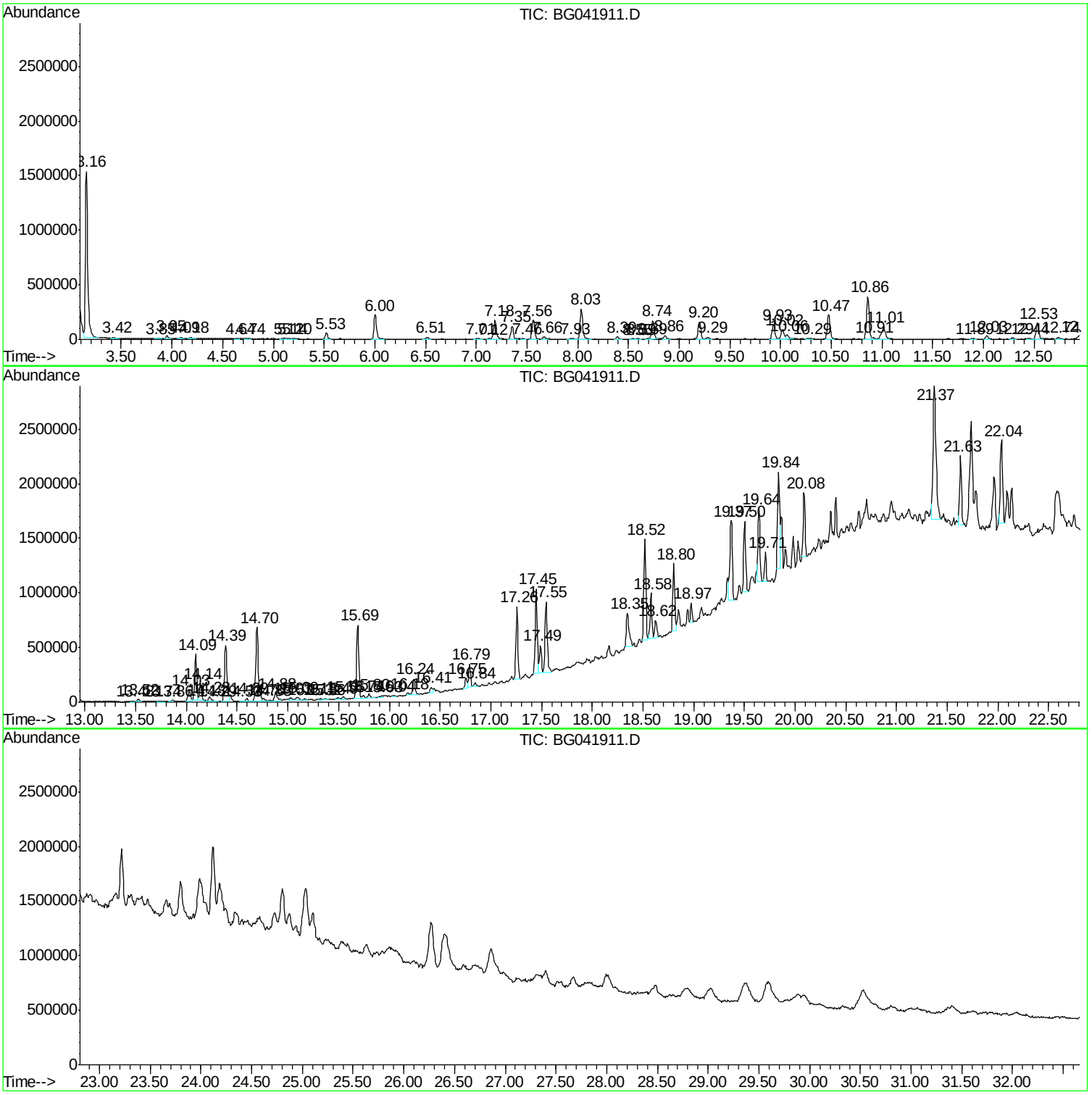
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
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Misc :
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Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

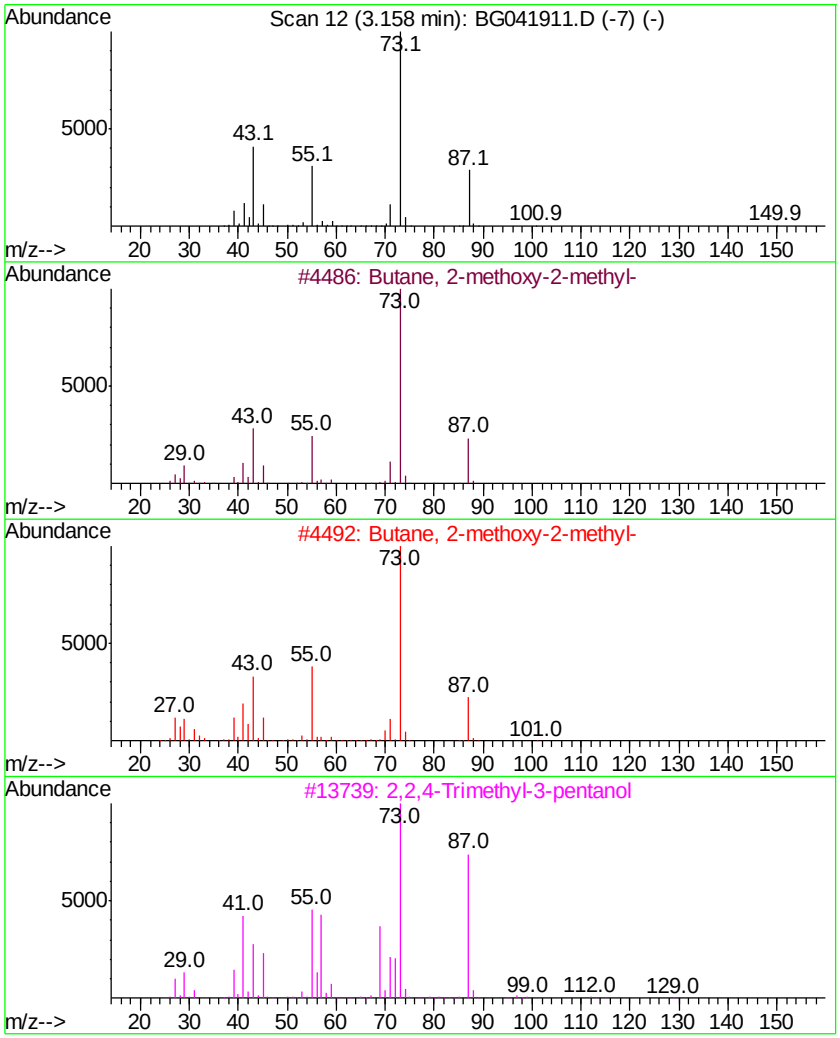
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

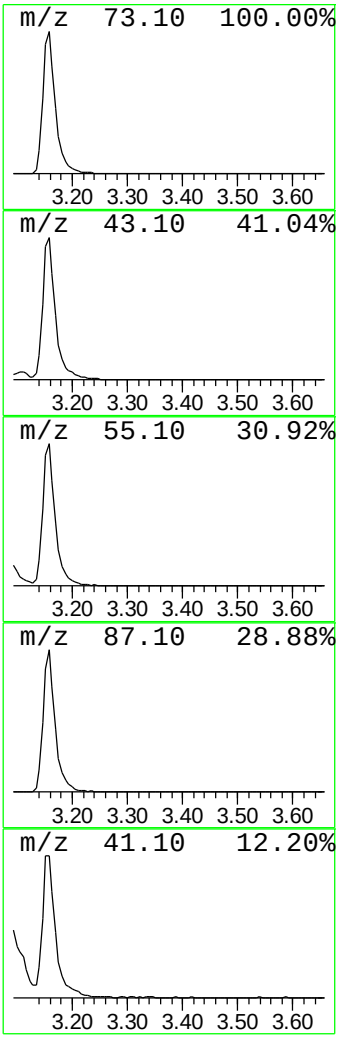
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	98.57 ng/ul	2465800	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

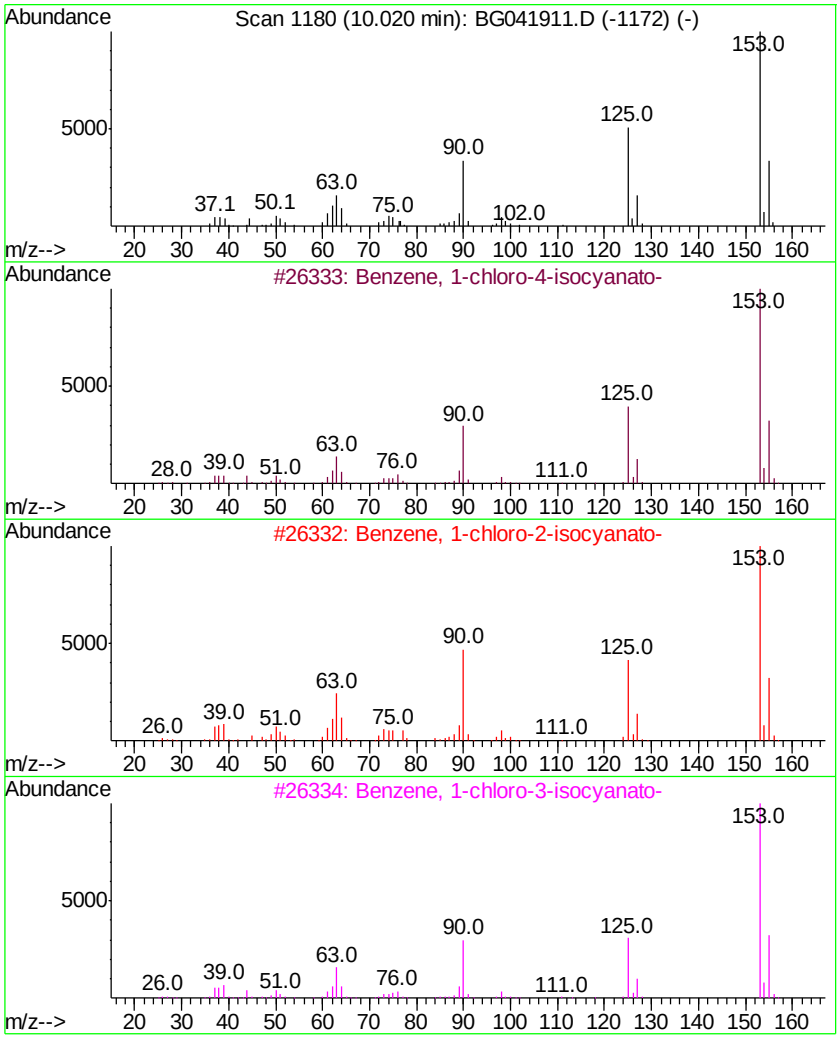
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

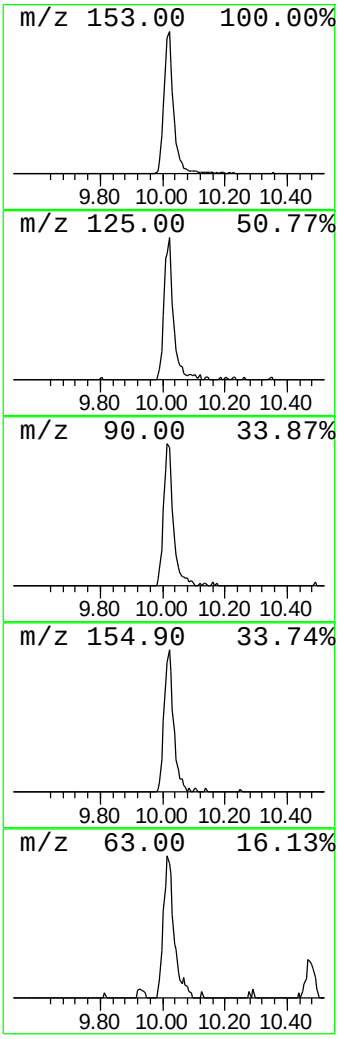
****

Peak Number 4 Benzene, 1-chloro-4-isocyan... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	5.13 ng/ul	184419	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-isocyanato-	153	C7H4ClNO	000104-12-1	97
2	Benzene, 1-chloro-2-isocyanato-	153	C7H4ClNO	003320-83-0	96
3	Benzene, 1-chloro-3-isocyanato-	153	C7H4ClNO	002909-38-8	96
4	Benzene, 1-chloro-4-isocyanato-	153	C7H4ClNO	000104-12-1	94
5	1H-Benzotriazole, 5-chloro-	153	C6H4ClN3	000094-97-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Instrument : BNA_G
ClientSampleId : BENS5

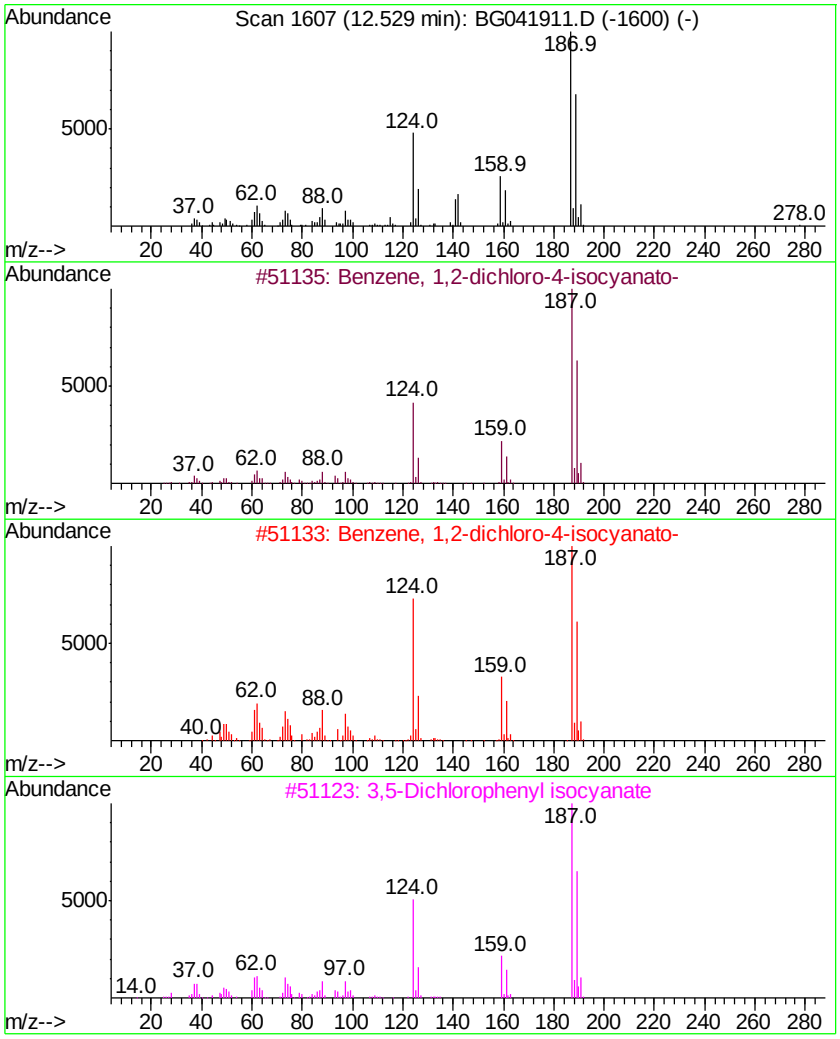
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

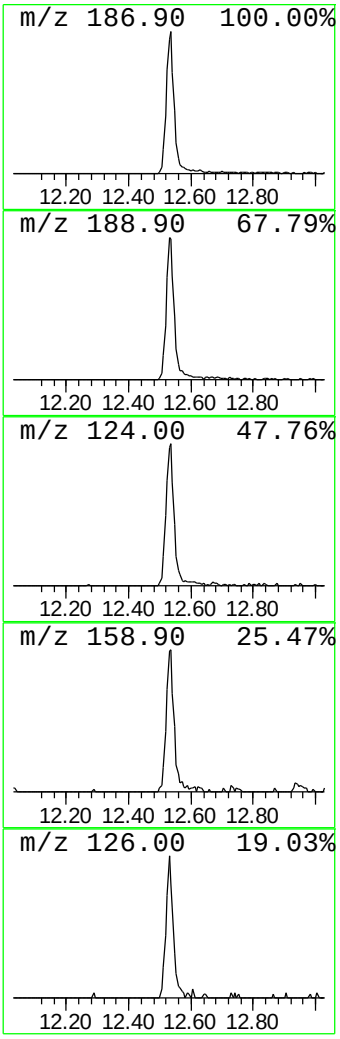
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2-dichloro-4-iso... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.31 ng/ul	262444	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	98
2	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	97
3	3,5-Dichlorophenyl isocyanate	187	C7H3Cl2NO	034893-92-0	97
4	Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	97
5	Benzene, 1,3-dichloro-2-isocyanato-	187	C7H3Cl2NO	039920-37-1	97





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

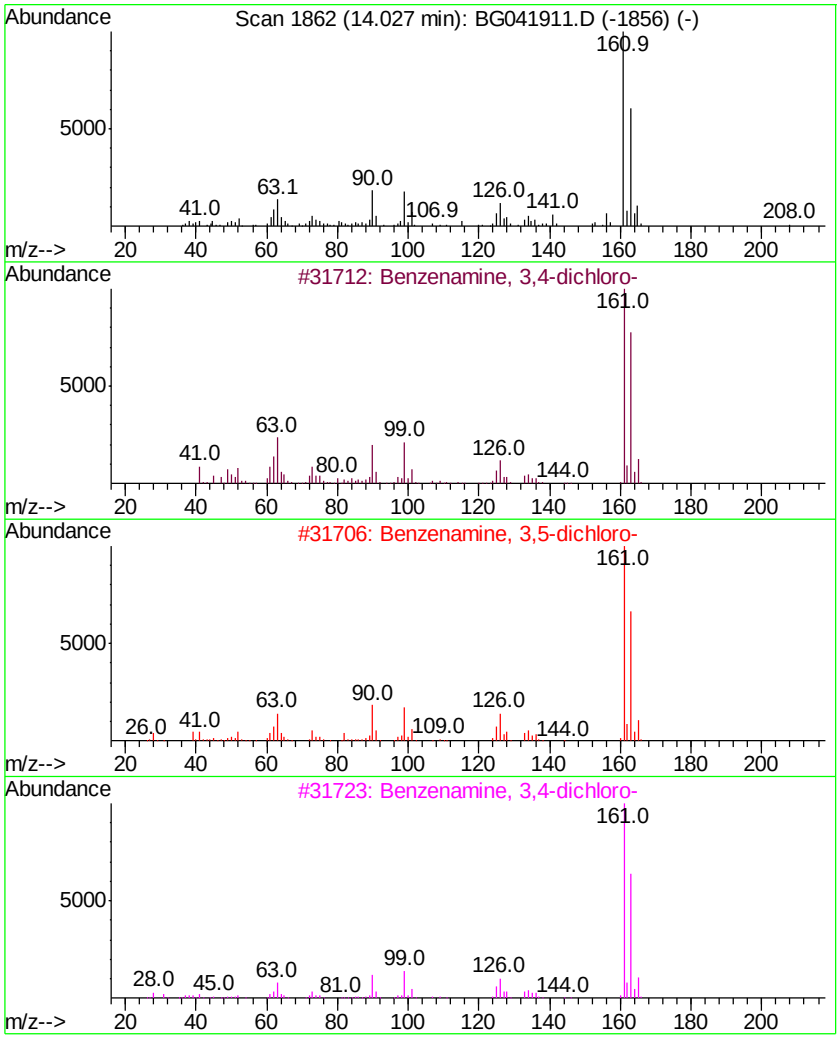
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

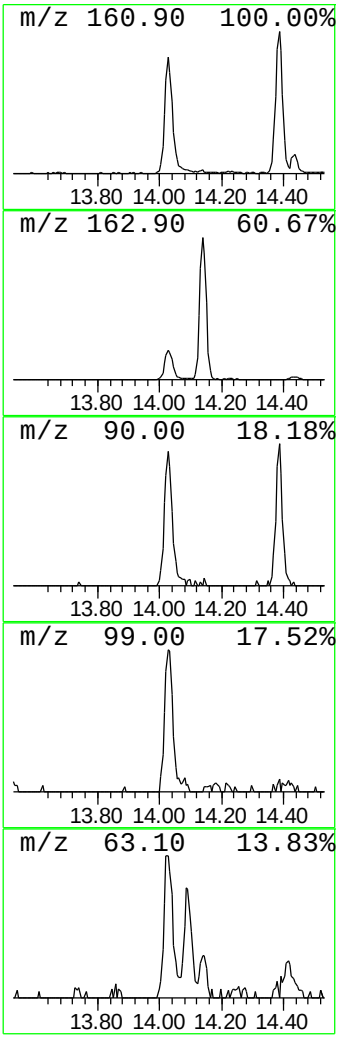
****

Peak Number 6 Benzenamine, 3,4-dichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.40 ng/ul	202010	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	97
2	Benzenamine, 3,5-dichloro-	161	C6H5Cl2N	000626-43-7	97
3	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	97
4	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	96
5	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

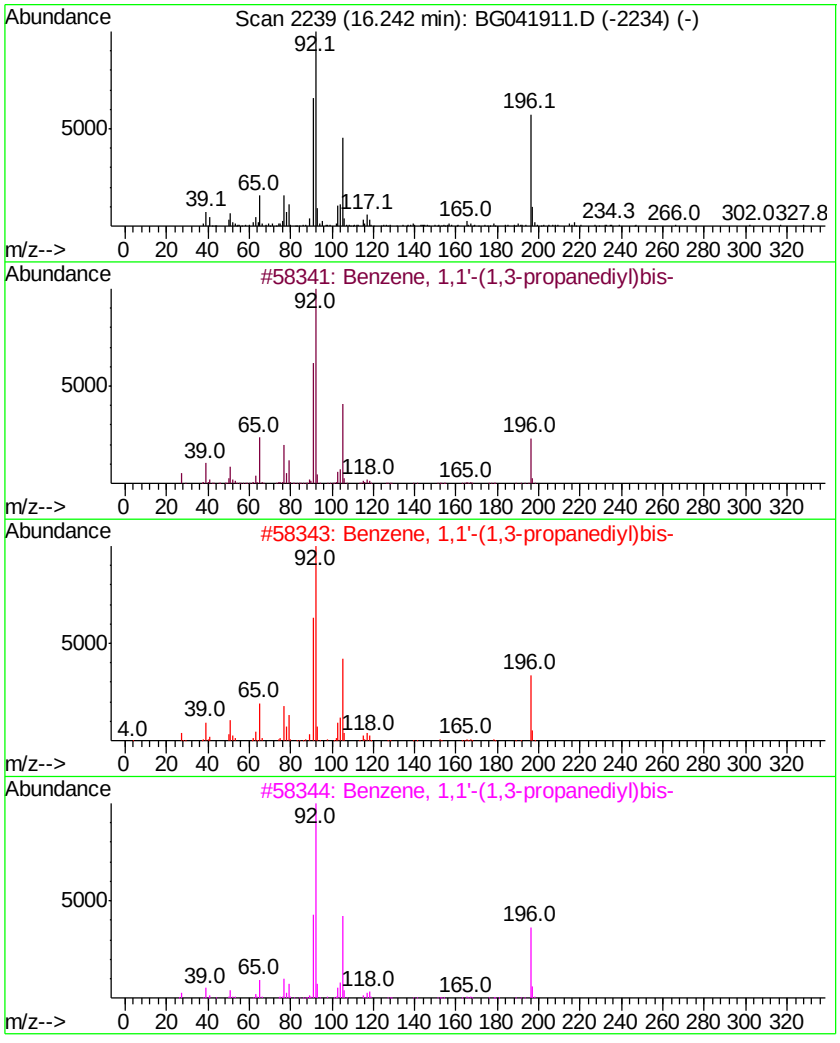
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

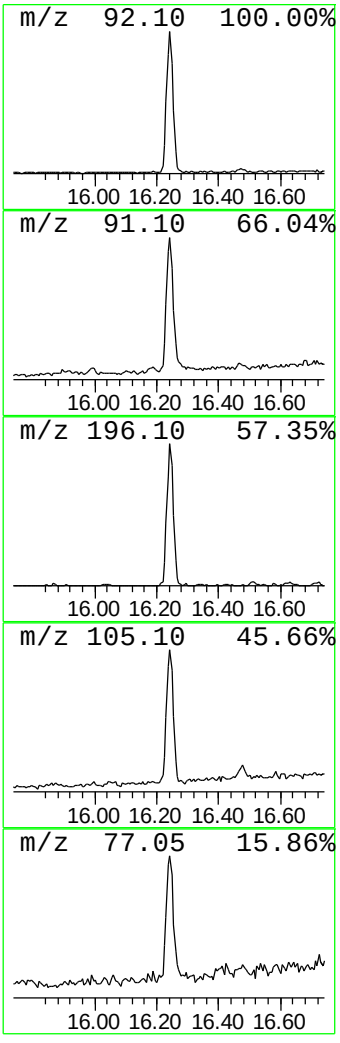
****

Peak Number 7 Benzene, 1,1'-(1,3-propaned... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	4.15 ng/ul	237391	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	97
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	96
3	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	91
4	1-Chloro-6-phenylhexane	196	C12H17Cl	071434-68-9	78
5	Benzene, nonyl-	204	C15H24	001081-77-2	47





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Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
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Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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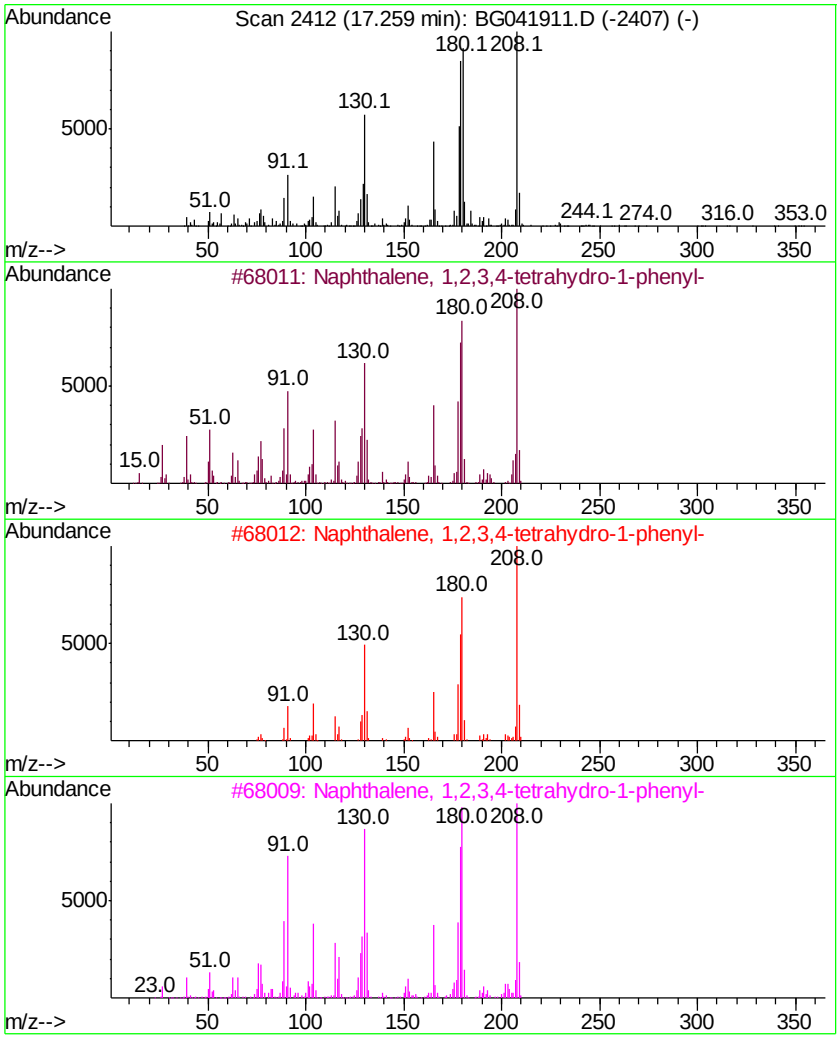
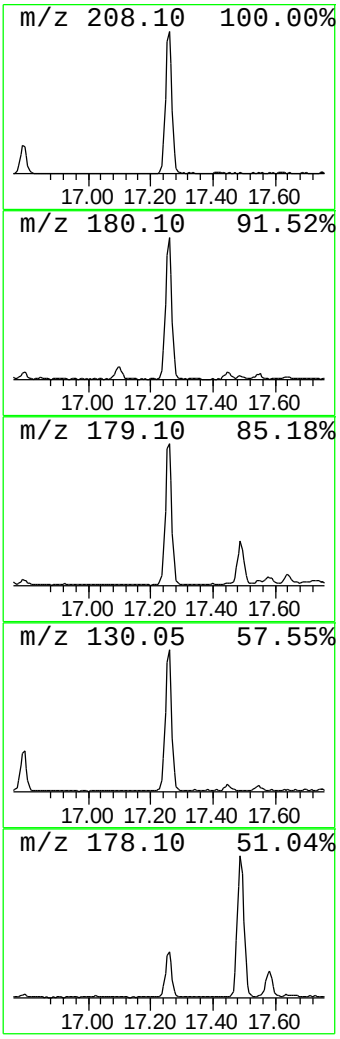
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	16.69 ng/ul	954490	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	93
4	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	83
5	Dibenzosuberone	208	C15H12O	001210-35-1	74





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Misc :
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Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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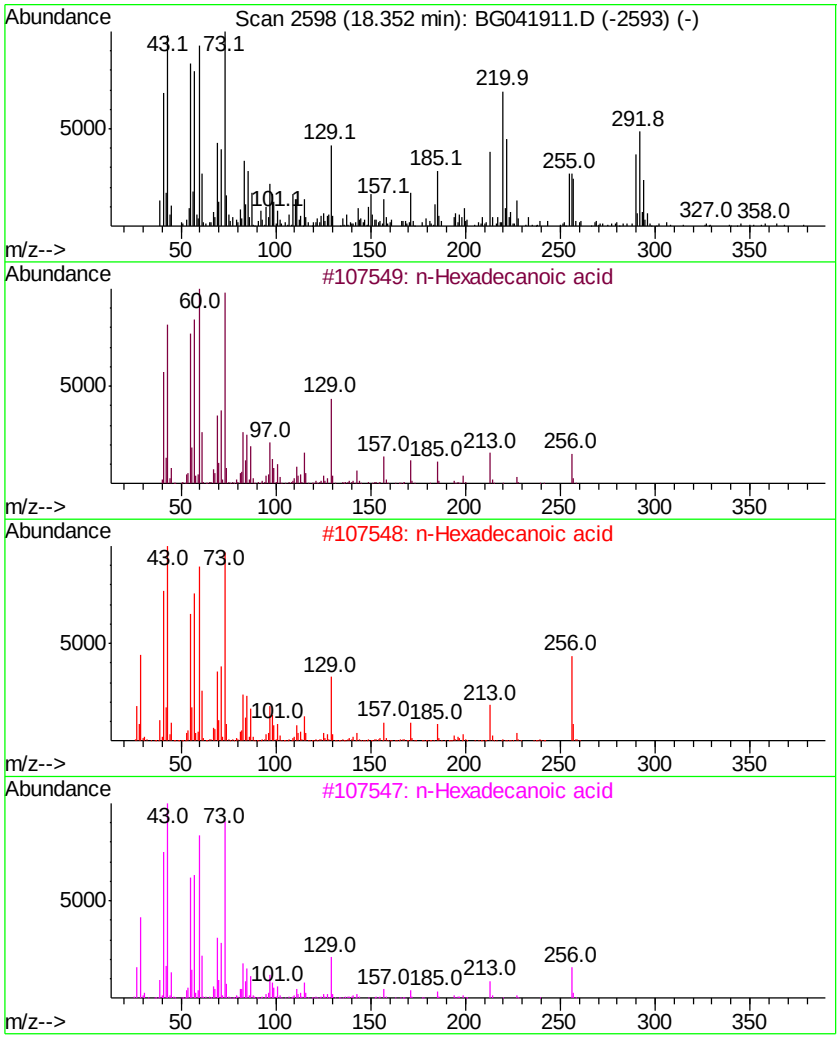
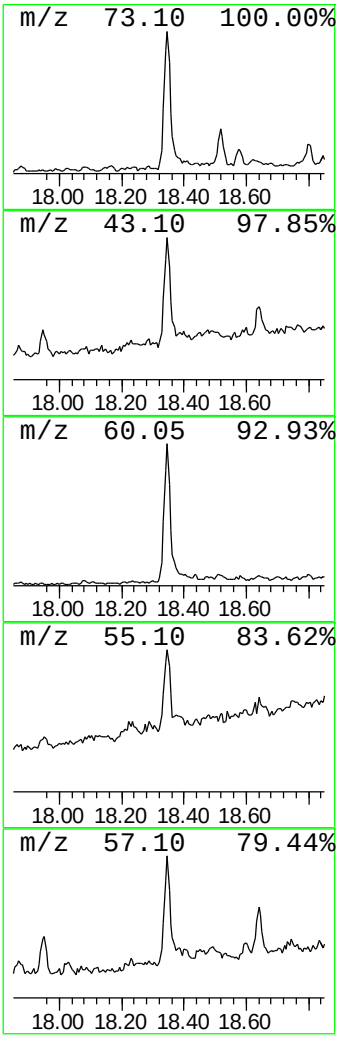
Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	9.94 ng/ul	568759	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4	Octadecanoic acid	284	C18H36O2	000057-11-4	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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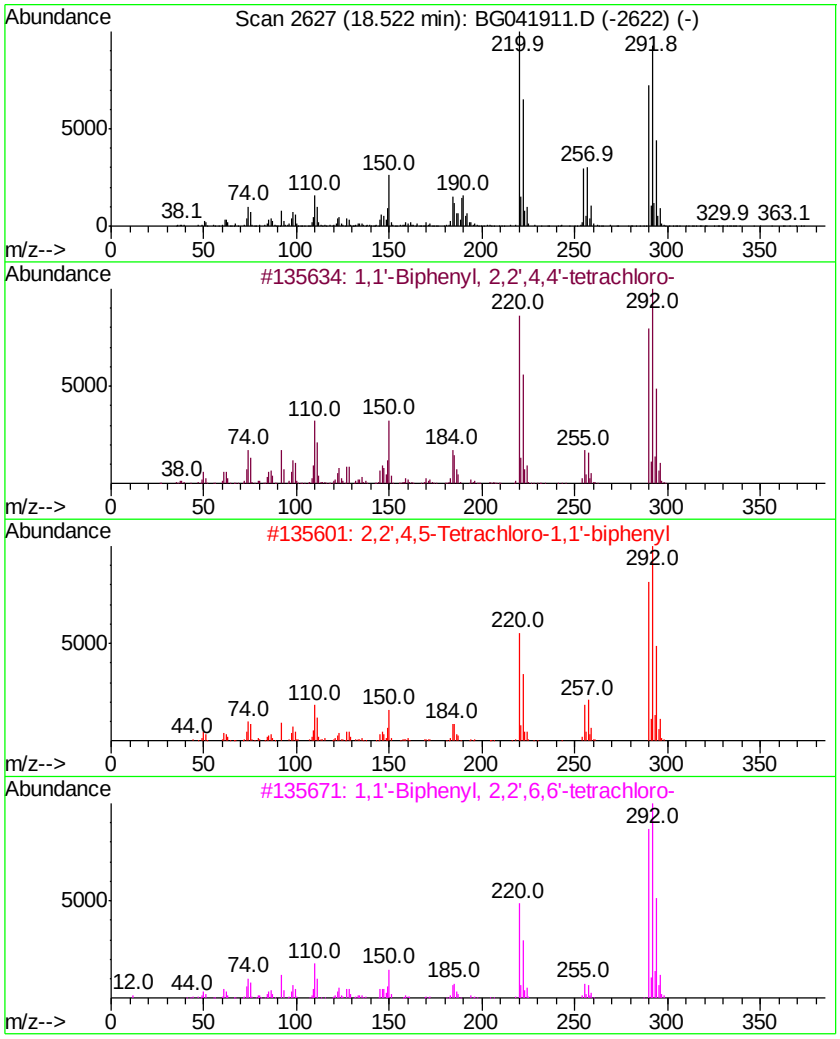
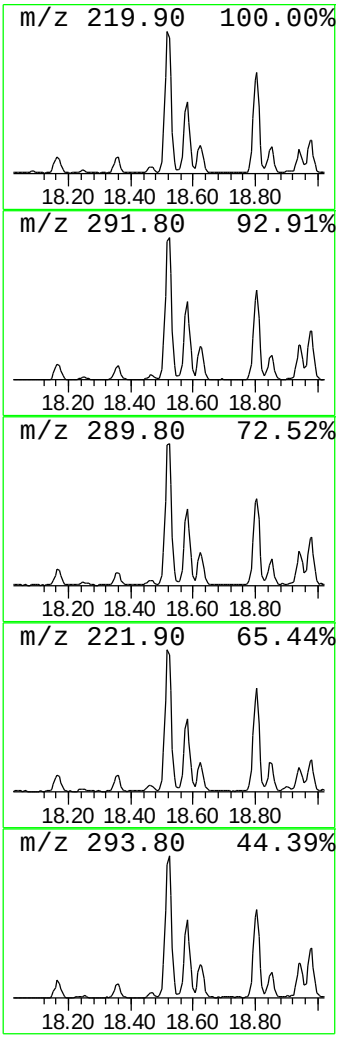
Peak Number 10 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	22.66 ng/ul	1296140	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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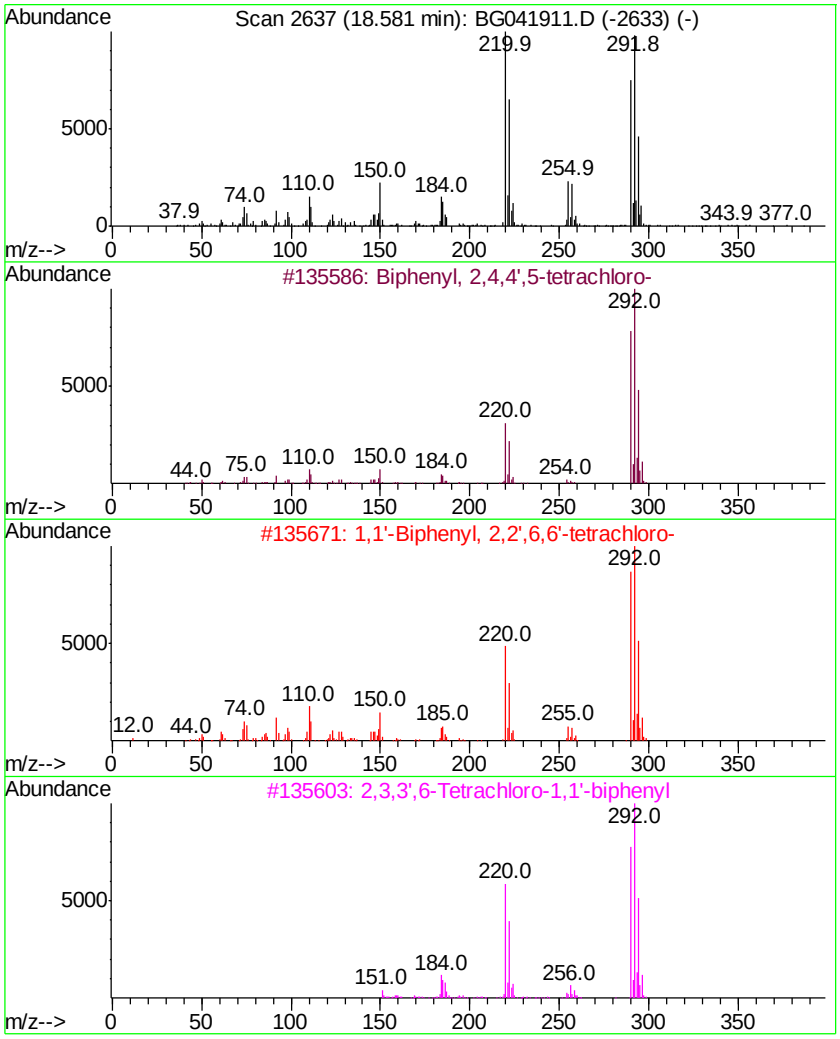
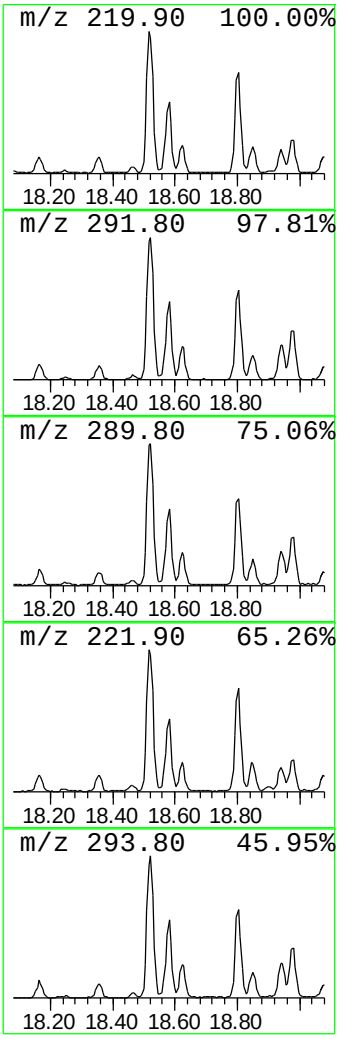
Peak Number 11 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	9.36 ng/ul	535274	Phenanthrene-d10	17.45

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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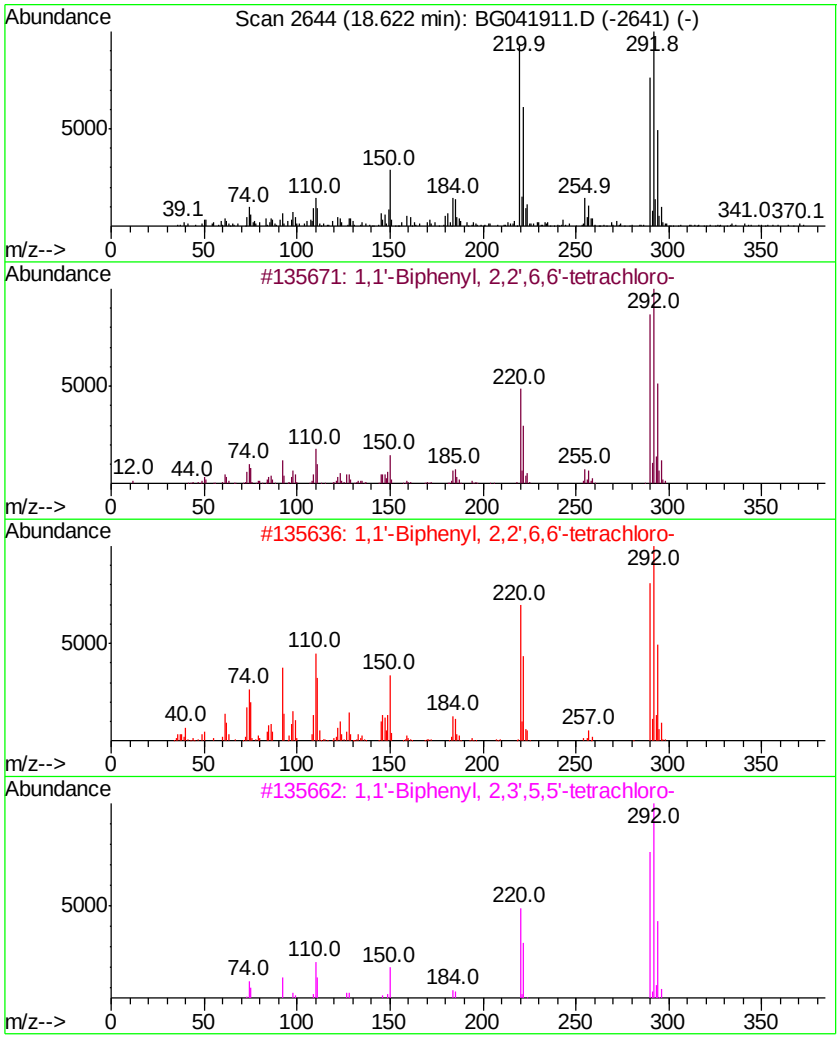
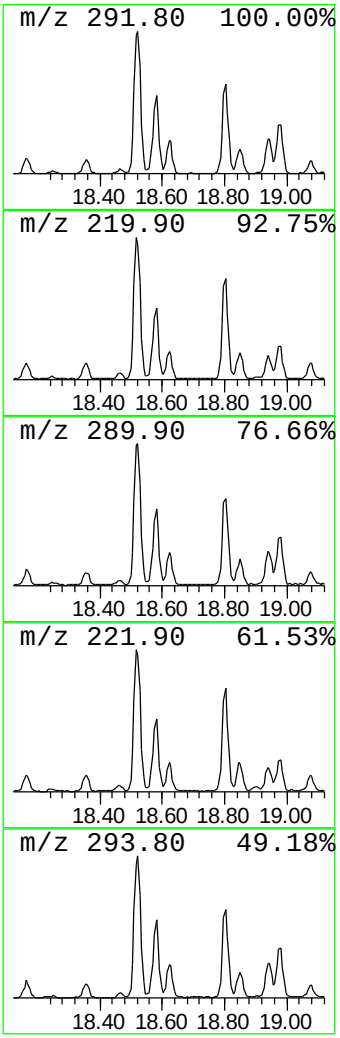
Peak Number 12 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.35 ng/ul	248891	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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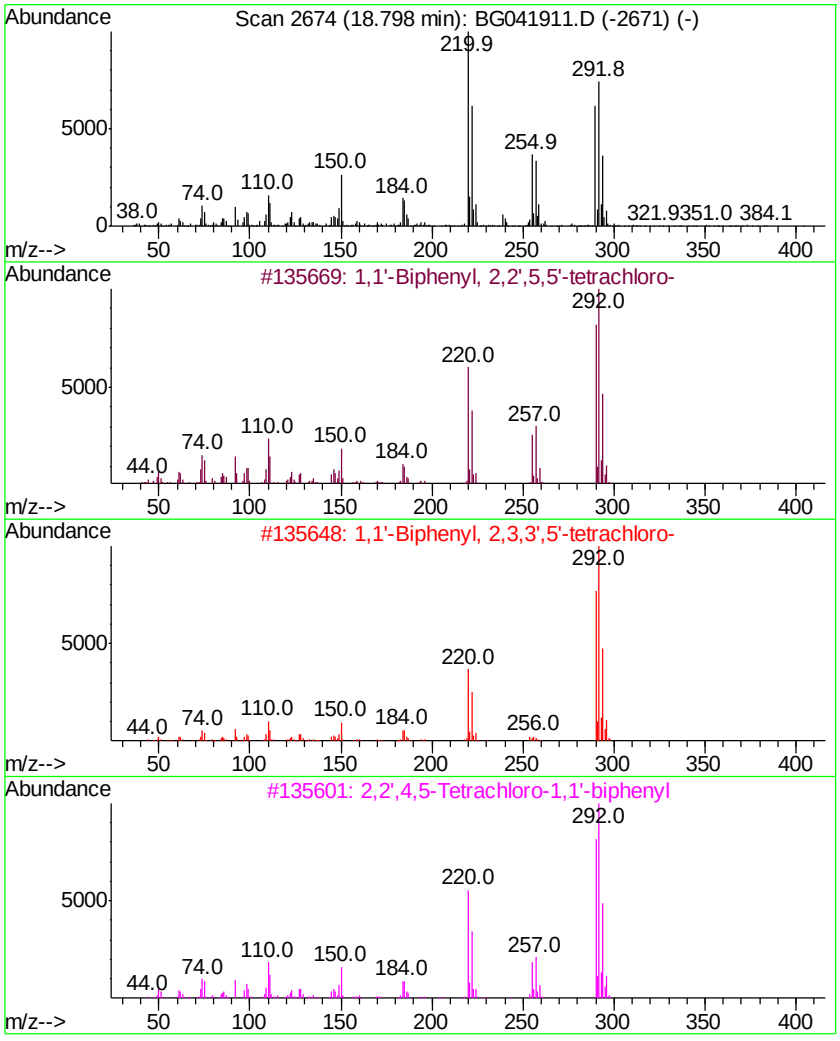
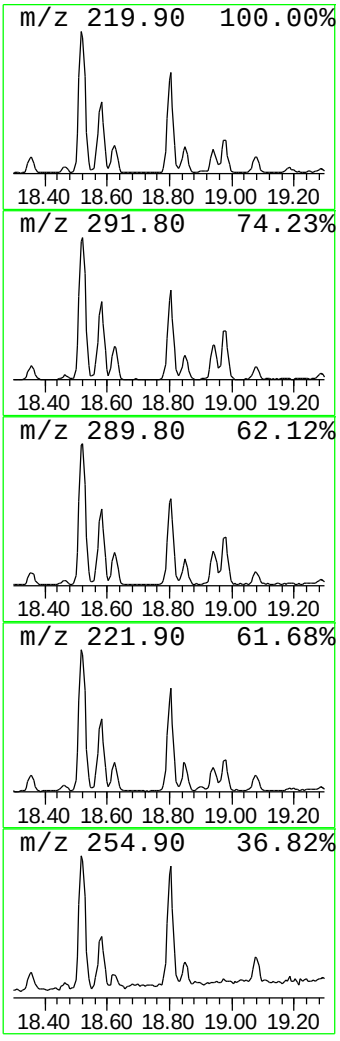
Peak Number 13 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	14.44 ng/ul	825627	Phenanthrene-d10	17.45

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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Library Search Compound Report

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Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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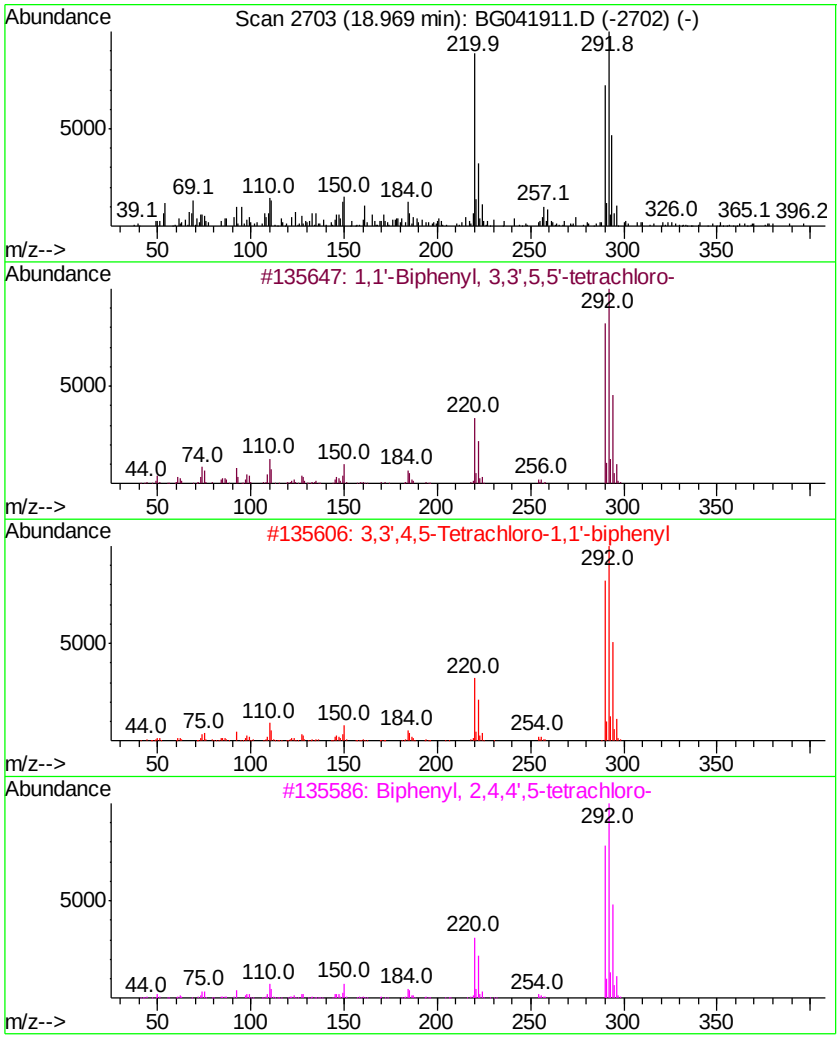
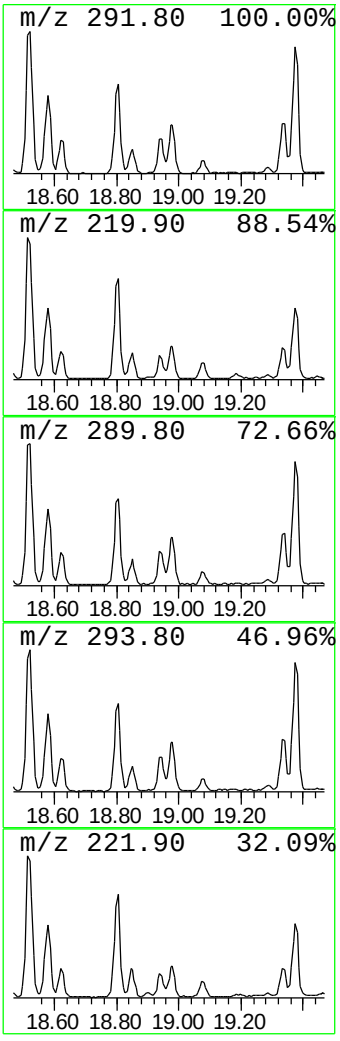
Peak Number 14 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.60 ng/ul	205880	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98





Library Search Compound Report

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Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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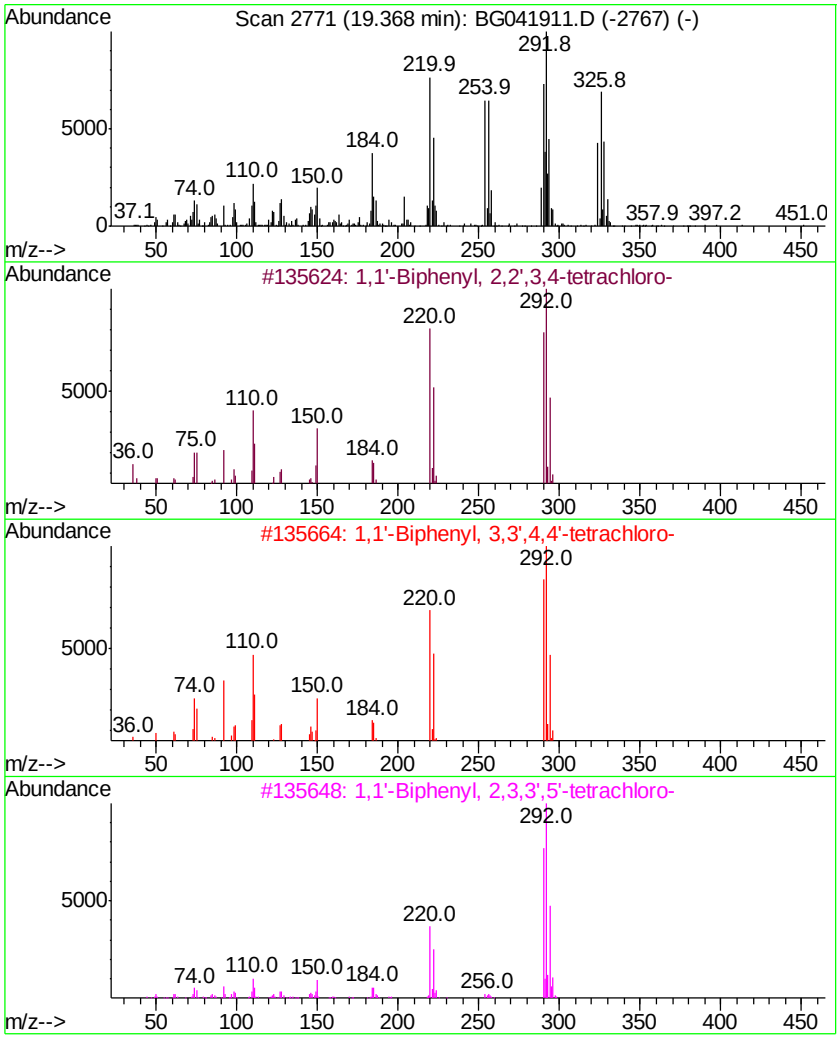
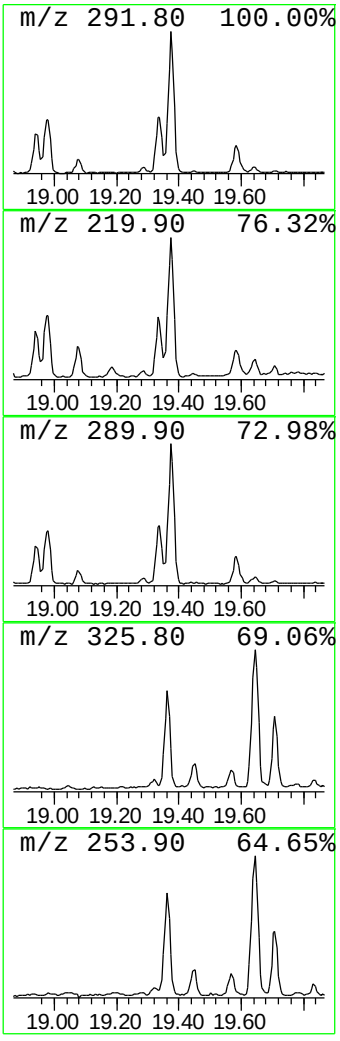
Peak Number 15 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	22.00 ng/ul	1258410	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	97
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	96





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ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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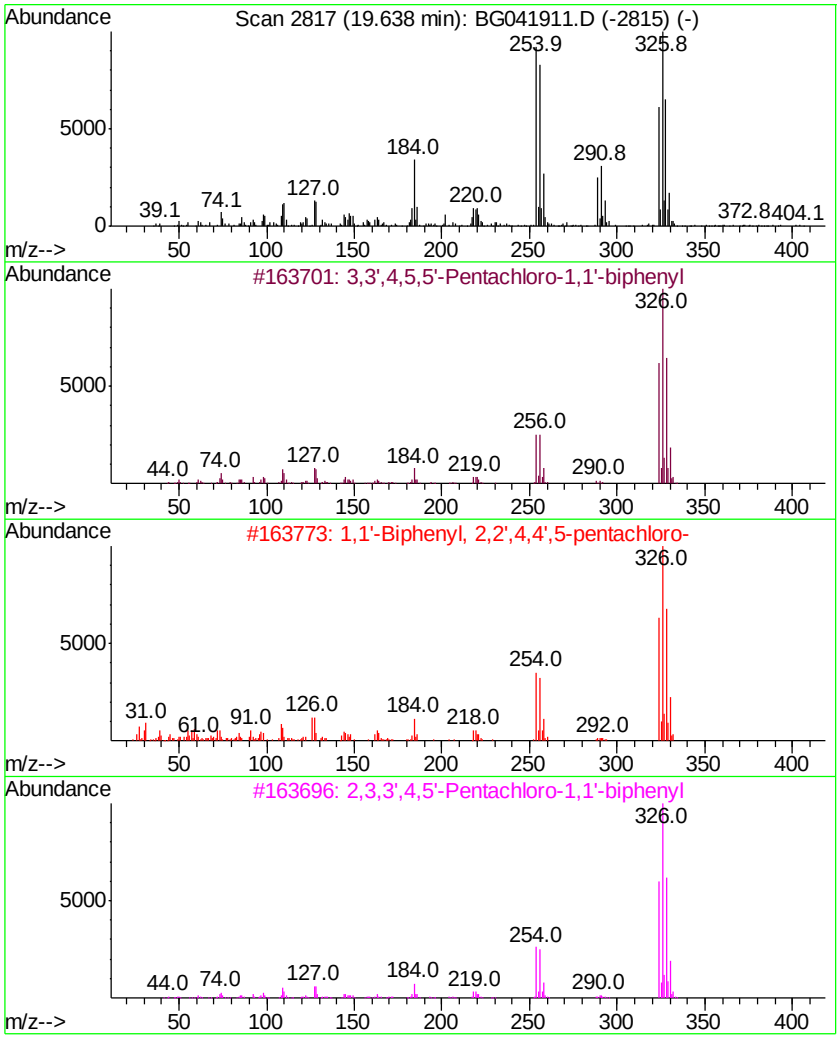
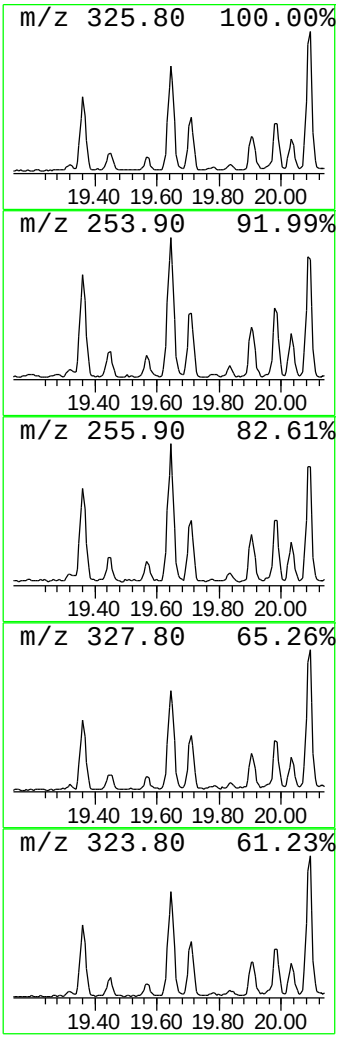
Peak Number 16 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	21.84 ng/ul	853841	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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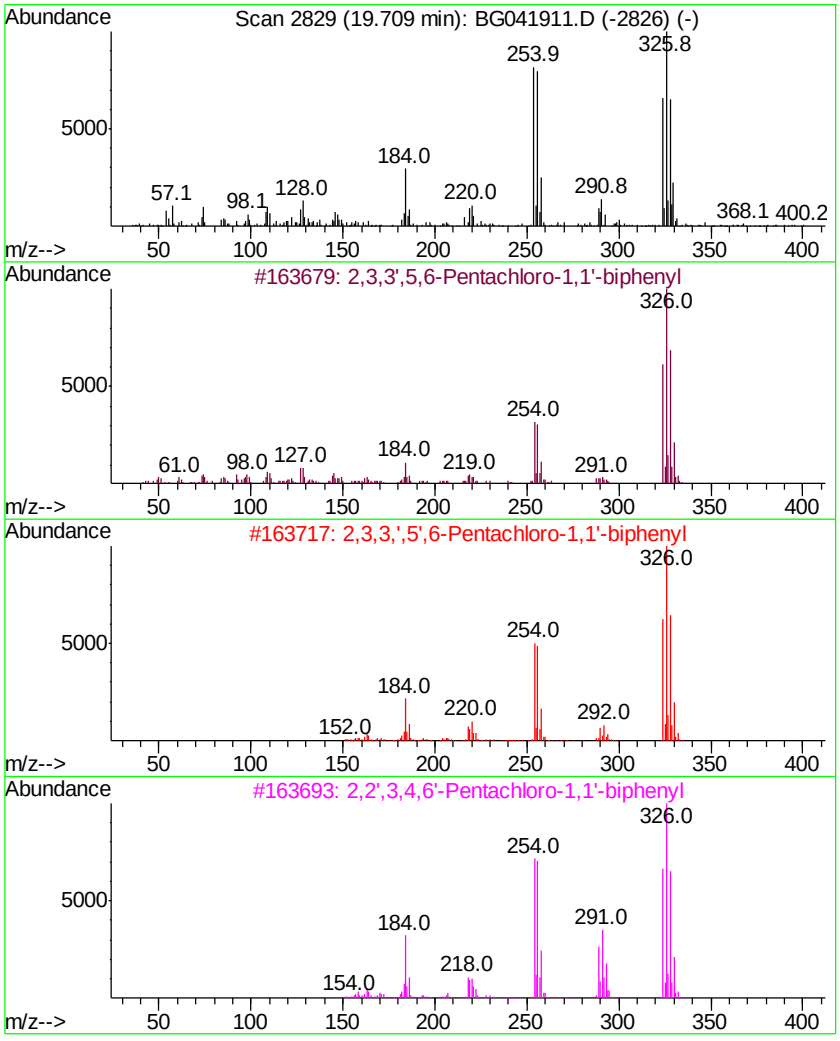
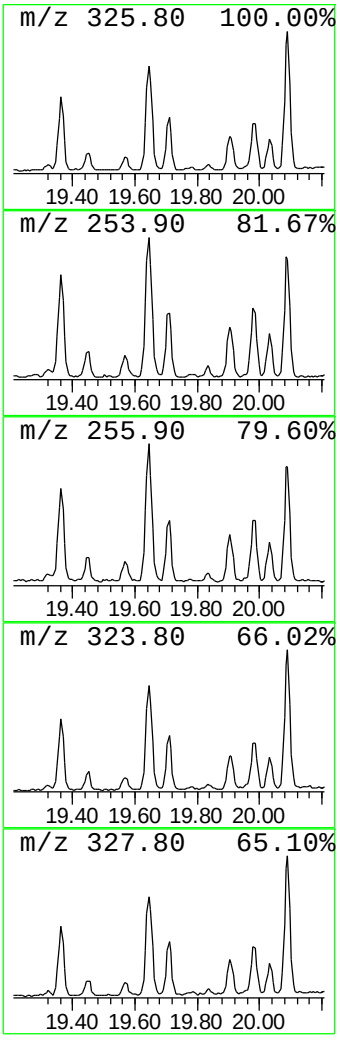
Peak Number 17 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	8.05 ng/ul	314601	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	97
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	96
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	96
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96





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Instrument : BNA_G
ClientSampleId : BENS5

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Quant Title : SVOA CALIBRATION

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

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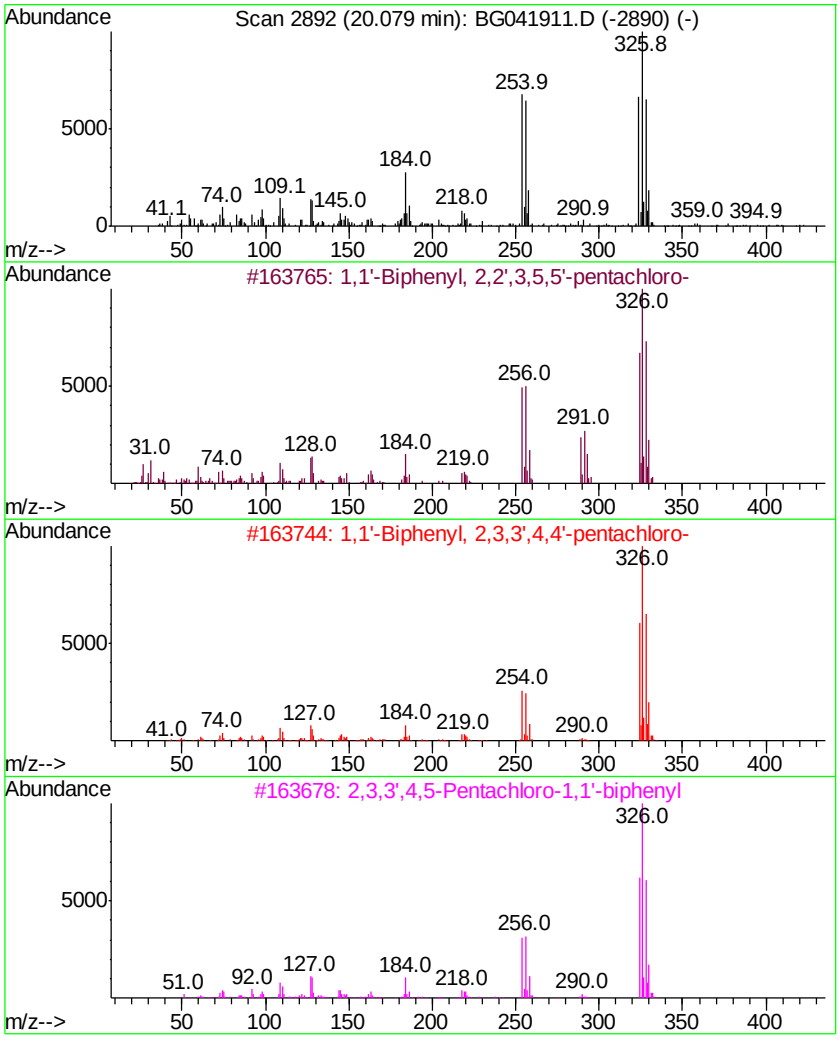
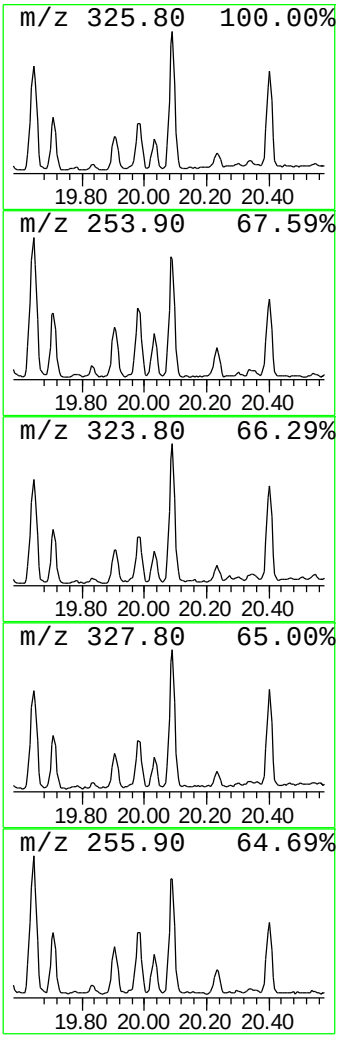
Peak Number 18 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	18.95 ng/ul	740668	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	97
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97





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Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

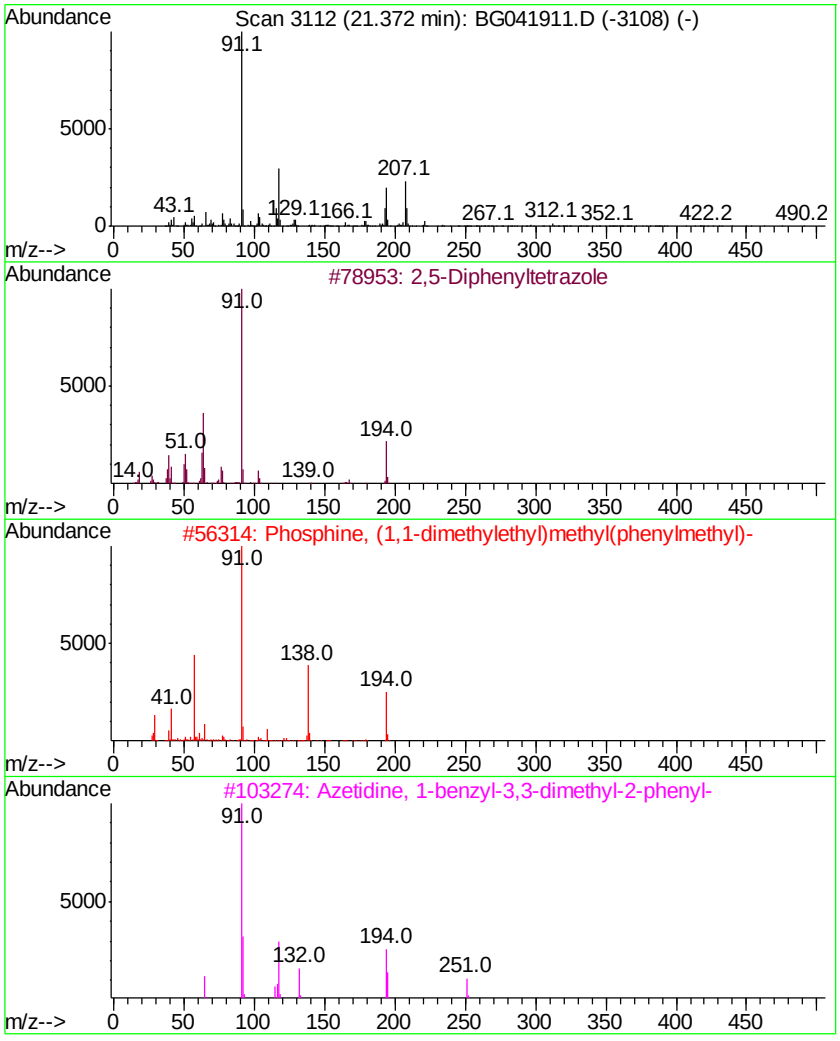
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

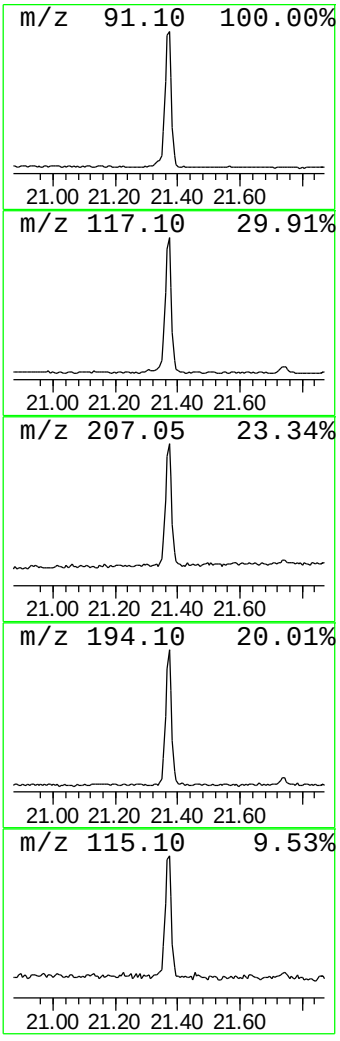
****

Peak Number 19 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	61.95 ng/ul	2421540	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	27
2	Phosphine, (1,1-dimethylethyl)me...	194	C12H19P	074630-01-6	27
3	Azetidine, 1-benzyl-3,3-dimethyl...	251	C18H21N	022606-97-9	23
4	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	22
5	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

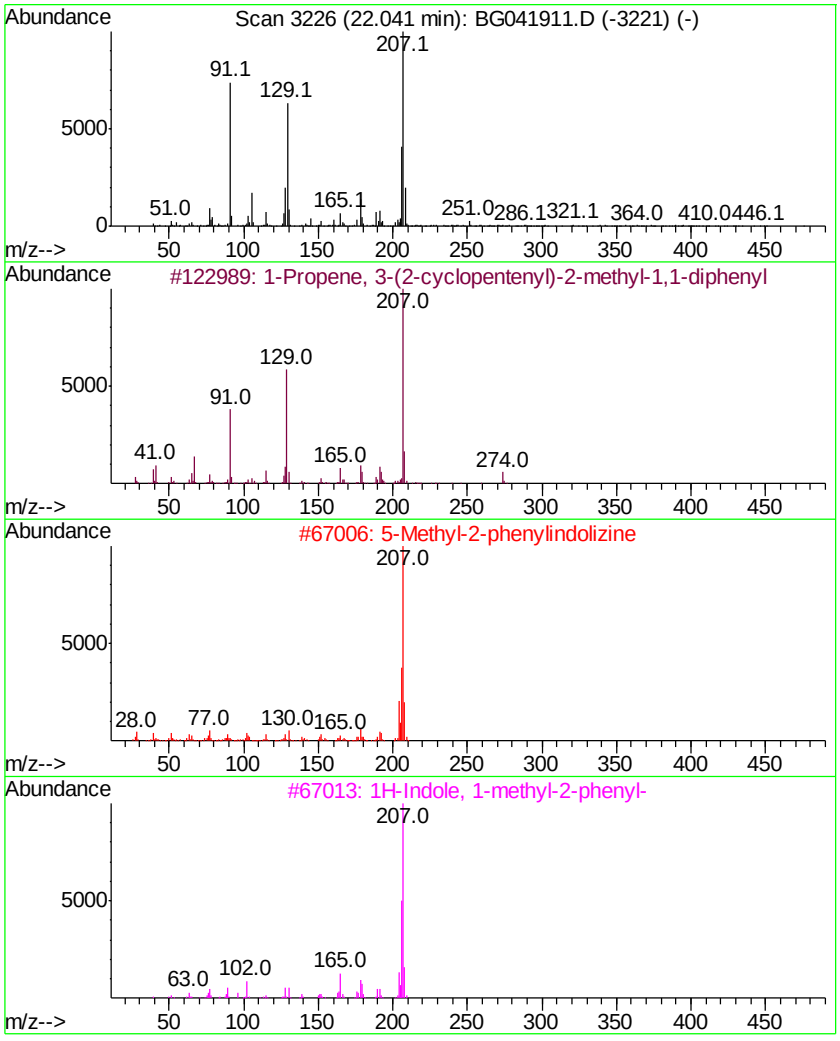
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

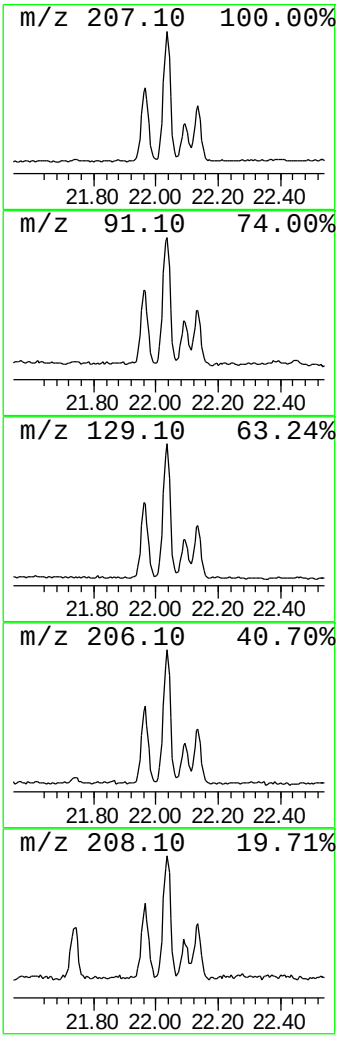
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Propene, 3-(2-cyclopenten... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	29.62 ng/ul	1157700	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	50
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	49
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	49
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	49
5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.16	98.6	ng/ul	2465800	1	8.03	500304	20.0
Benzene, 1-chloro...	10.02	5.1	ng/ul	184419	2	10.86	718294	20.0
Benzene, 1,2-dich...	12.53	7.3	ng/ul	262444	2	10.86	718294	20.0
Benzenamine, 3,4-...	14.03	3.4	ng/ul	202010	3	14.70	1189710	20.0
Benzene, 1,1'-(1,...	16.24	4.2	ng/ul	237391	4	17.45	1143810	20.0
Naphthalene, 1,2,...	17.26	16.7	ng/ul	954490	4	17.45	1143810	20.0
n-Hexadecanoic acid	18.35	9.9	ng/ul	568759	4	17.45	1143810	20.0
1,1'-Biphenyl, 2,...	18.52	22.7	ng/ul	1296140	4	17.45	1143810	20.0
Biphenyl, 2,4,4',...	18.58	9.4	ng/ul	535274	4	17.45	1143810	20.0
1,1'-Biphenyl, 2,...	18.62	4.3	ng/ul	248891	4	17.45	1143810	20.0
1,1'-Biphenyl, 2,...	18.80	14.4	ng/ul	825627	4	17.45	1143810	20.0
1,1'-Biphenyl, 3,...	18.97	3.6	ng/ul	205880	4	17.45	1143810	20.0
1,1'-Biphenyl, 2,...	19.37	22.0	ng/ul	1258410	4	17.45	1143810	20.0
3,3',4,5,5'-Penta...	19.64	21.8	ng/ul	853841	5	21.74	781832	20.0
2,3,3',5,6-Pentac...	19.71	8.1	ng/ul	314601	5	21.74	781832	20.0
1,1'-Biphenyl, 2,...	20.08	18.9	ng/ul	740668	5	21.74	781832	20.0
unknown-01	21.37	62.0	ng/ul	2421540	5	21.74	781832	20.0
1-Propene, 3-(2-c...	22.04	29.6	ng/ul	1157700	5	21.74	781832	20.0