LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.822	646	652	669	rVB2	969460	1957163	0.56%	0.164%
2	6.992	671	681	692	rBV	718034	1139831	0.33%	0.095%
3	7.181	706	713	723	rBV	995941	1582447	0.45%	0.132%
4	7.639	784	791	800	rBV	915925	1691563	0.49%	0.142%
5	8.351	905	912	924	rBV	1109304	1866797	0.54%	0.156%
6	8.798	981	988	995	rBV	870319	1490116	0.43%	0.125%
7	9.510	1101	1109	1123	rBV	828256	1440086	0.41%	0.121%
8	10.045	1193	1200	1211	rBV	1116142	2091723	0.60%	0.175%
9	10.416	1252	1263	1278	rBV	1378154	2374158	0.68%	0.199%
10	10.563	1281	1288	1307	rBV	740499	1455907	0.42%	0.122%
11	12.633	1634	1640	1645	rBV	705466	950381	0.27%	0.080%
12	12.692	1645	1650	1655	rVV	1111485	1498019	0.43%	0.125%
13	12.933	1685	1691	1694	rBV	1008804	1375664	0.39%	0.115%
14	12.963	1694	1696	1701	rVB	336320	402007	0.12%	0.034%
15	13.110	1714	1721	1726	rBV2	2245470	3263712	0.94%	0.273%
16	13.157	1726	1729	1740	rVB	417246	567992	0.16%	0.048%
17	13.704	1815	1822	1827	rBV	2176680	3069851	0.88%	0.257%
18	13.751	1827	1830	1838	rVB	416592	578916	0.17%	0.048%
19	13.974	1856	1868	1874	rBV	2500479	3869907	1.11%	0.324%
20	14.286	1910	1921	1923	rVV3	2319045	4045517	1.16%	0.339%
21	14.321	1923	1927	1932	rVV	7864716	10674296	3.06%	0.894%
22	14.374	1932	1936	1939	rVV	729595	1109037	0.32%	0.093%
23	14.410	1939	1942	1949	rVB	1701986	2341627	0.67%	0.196%
24	14.521	1954	1961	1971	rBV	572963	1198163	0.34%	0.100%
25	15.133	2059	2065	2072	rVB	4559204	6511739	1.87%	0.545%
26	15.245	2077	2084	2088	rBV	5392542	8210386	2.36%	0.687%
27	15.286	2088	2091	2096	rVV	3190030	4603253	1.32%	0.385%
28	15.339	2096	2100	2107	rVB	10169954	15292957	4.39%	1.280%
29	15.504	2115	2128	2132	rBV	9498311	16348920	4.69%	1.369%
30	15.657	2140	2154	2157	rVB4	80863202	348402771	100.00%	29.170%
31	15.804	2169	2179	2185	rBV4	332605	1019921	0.29%	0.085%
32	15.951	2189	2204	2212	rVB4	78432738	272592325	78.24%	22.822%
33	16.021	2212	2216	2222	rVB	2101578	2649052	0.76%	0.222%
34	16.127	2228	2234	2237	rBV	4090293	5646534	1.62%	0.473%

LSC Area Percent Report

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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	16.168	2237	2241	2245	rBV2	4749025	7381866	2.12%	0.618%
36	16.251	2251	2255	2256	rBV	452109	506077	0.15%	0.042%
37	16.292	2256	2262	2268	rVV2	29221302	46083646	13.23%	3.858%
38	16.339	2268	2270	2276	rVB	1385987	1685531	0.48%	0.141%
39	16.421	2279	2284	2290	rVB	1326428	1689577	0.48%	0.141%
40	16.580	2302	2311	2316	rVV	8115580	11197926	3.21%	0.938%
41	16.645	2316	2322	2328	rVB2	1931491	2992794	0.86%	0.251%
42	16.927	2363	2370	2373	rBV2	11406804	17322220	4.97%	1.450%
43	16.968	2373	2377	2382	rVB	19370718	25968896	7.45%	2.174%
44	17.039	2382	2389	2393	rBV2	10409287	18067708	5.19%	1.513%
45	17.145	2402	2407	2413	rVB2	3913031	5576562	1.60%	0.467%
46	17.221	2413	2420	2427	rBV2	15055172	22895496	6.57%	1.917%
47	17.392	2444	2449	2461	rVB2	600975	1413028	0.41%	0.118%
48	17.498	2461	2467	2470	rBV	5033477	7226490	2.07%	0.605%
49	17.527	2470	2472	2478	rVB	2813943	3019323	0.87%	0.253%
50	17.656	2485	2494	2500	rBV	37811947	77722118	22.31%	6.507%
51	17.774	2506	2514	2520	rBV2	11995878	18203096	5.22%	1.524%
52	17.839	2520	2525	2529	rVV	1475129	1908157	0.55%	0.160%
53	17.898	2529	2535	2539	rVV	11311247	14858304	4.26%	1.244%
54	17.945	2539	2543	2553	rVV	3957201	5460677	1.57%	0.457%
55	18.056	2554	2562	2566	rVV2	1088438	1618761	0.46%	0.136%
56	18.115	2566	2572	2578	rVV	10555678	15176230	4.36%	1.271%
57	18.174	2578	2582	2586	rVV	8465473	11584471	3.33%	0.970%
58	18.221	2586	2590	2597	rVB	10390974	13527817	3.88%	1.133%
59	18.403	2614	2621	2625	rBV	7883355	11962125	3.43%	1.002%
60	18.450	2625	2629	2633	rVV	3791244	5385156	1.55%	0.451%
61	18.503	2633	2638	2641	rVV	7141426	9300120	2.67%	0.779%
62	18.545	2641	2645	2647	rVV	4748882	6429386	1.85%	0.538%
63	18.580	2647	2651	2657	rVB	8959303	11148338	3.20%	0.933%
64	18.680	2663	2668	2675	rVB2	1800974	2953827	0.85%	0.247%
65	18.750	2676	2680	2687	rVB	491546	654591	0.19%	0.055%
66	18.827	2687	2693	2697	rBV2	534788	787405	0.23%	0.066%
67	18.886	2697	2703	2707	rBV	3829585	5001019	1.44%	0.419%
68	18.939	2707	2712	2715	rVV	5382223	8008228	2.30%	0.670%
69	18.980	2715	2719	2726	rVB2	4890759	7257867	2.08%	0.608%
70	19.050	2727	2731	2735	rBV	535807	713912	0.20%	0.060%
71	19.192	2748	2755	2760	rBV	1113030	2590731	0.74%	0.217%

LSC Area Percent Report

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Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	19.245	2760	2764	2772	rVB3	920925	1739707	0.50%	0.146%
73	19.315	2772	2776	2782	rBV2	307490	433098	0.12%	0.036%
74	19.439	2791	2797	2804	rBV	4711928	6314913	1.81%	0.529%
75	19.639	2827	2831	2836	rVV5	190773	404545	0.12%	0.034%
76	19.697	2837	2841	2845	rVV3	499616	712161	0.20%	0.060%
77	19.803	2855	2859	2863	rVV	533073	614604	0.18%	0.051%
78	20.009	2891	2894	2899	rVB	290390	365423	0.10%	0.031%
79	20.527	2978	2982	2985	rBV2	895470	1181663	0.34%	0.099%
80	20.956	3049	3055	3075	rBV	16583540	34061312	9.78%	2.852%
81	21.415	3131	3133	3136	rBV	513691	566241	0.16%	0.047%
82	21.586	3159	3162	3165	rVB	419078	430549	0.12%	0.036%
83	21.615	3165	3167	3178	rVB	446080	556409	0.16%	0.047%
84	23.321	3451	3457	3471	rVB	2629803	5336784	1.53%	0.447%
85	23.456	3475	3480	3487	rVB2	1696850	3096889	0.89%	0.259%

Sum of corrected areas: 1194406512

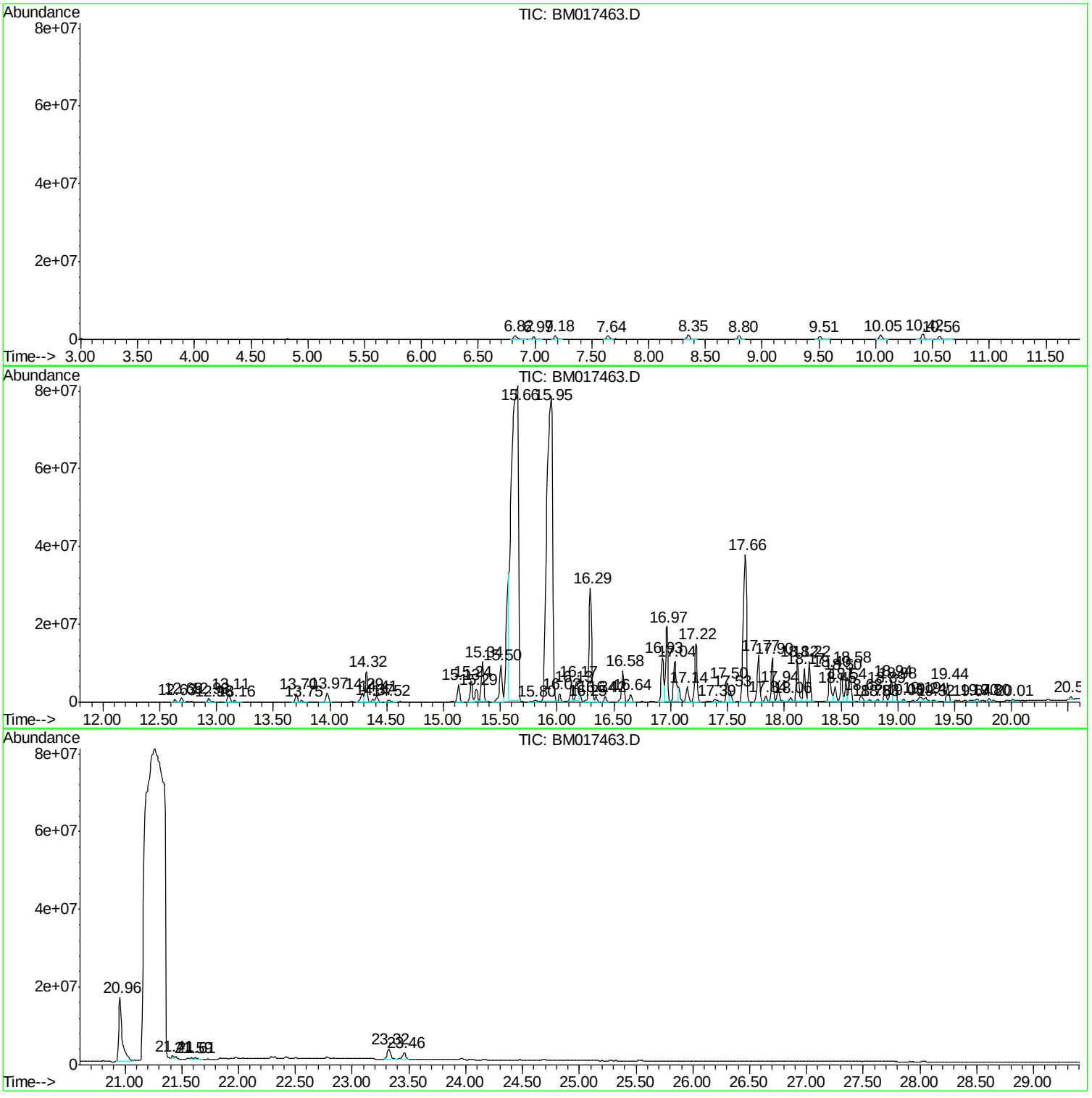
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

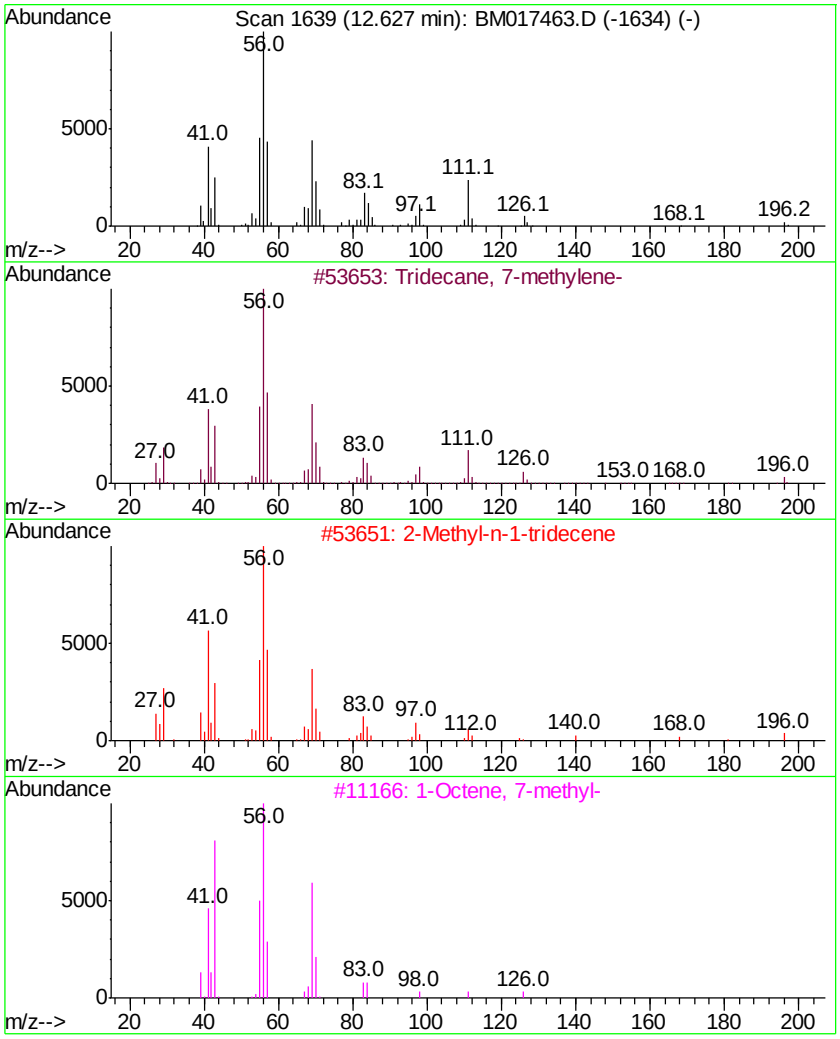
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

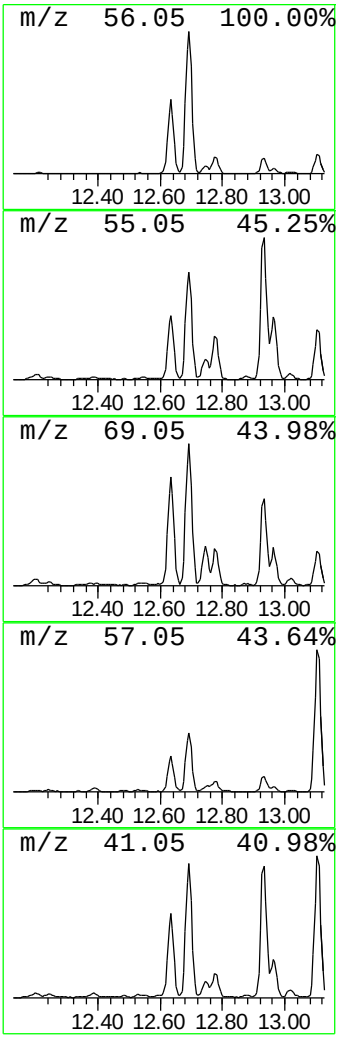
****

Peak Number 1 (DEL) Alkane: Cyclic12.63 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.70 ng/ul	950381	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	78
2	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	72
3	1-Octene, 7-methyl-	126	C9H18	013151-06-9	59
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	59
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

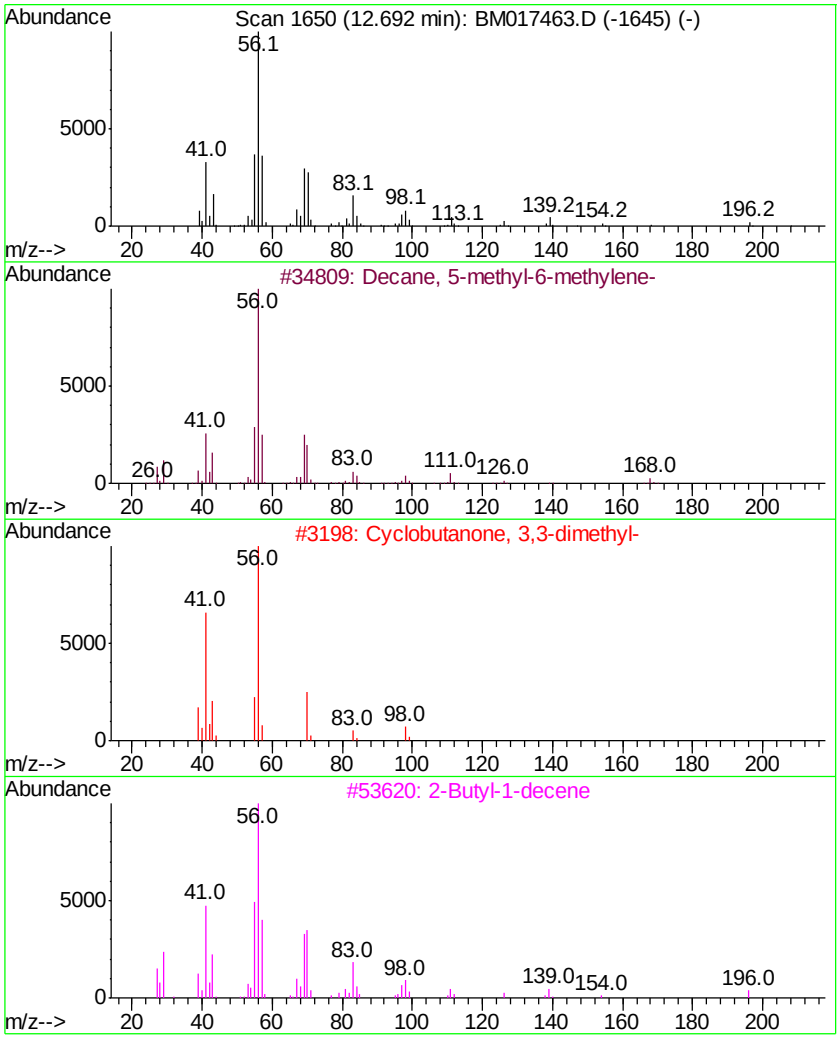
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

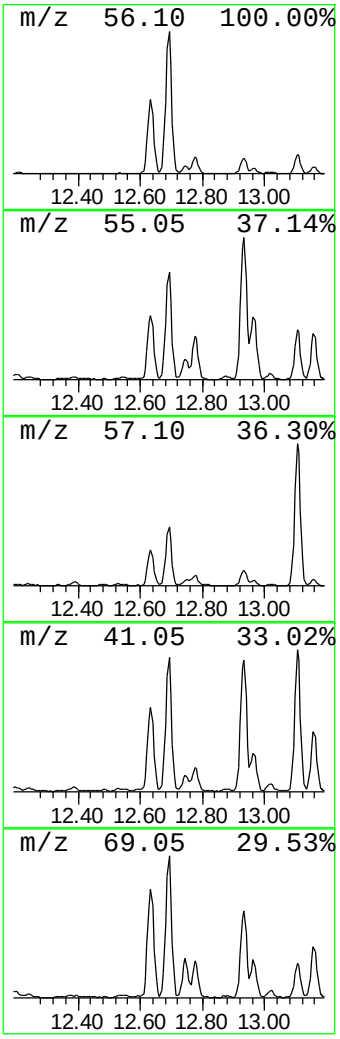
****

Peak Number 2 (DEL) Alkane: Cyclic12.69 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.41 ng/ul	1498020	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	80
2	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	72
3	2-Butyl-1-decene	196	C14H28	051655-65-3	70
4	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	64
5	2-Decene, 9-methyl-, (Z)-	154	C11H22	074630-24-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

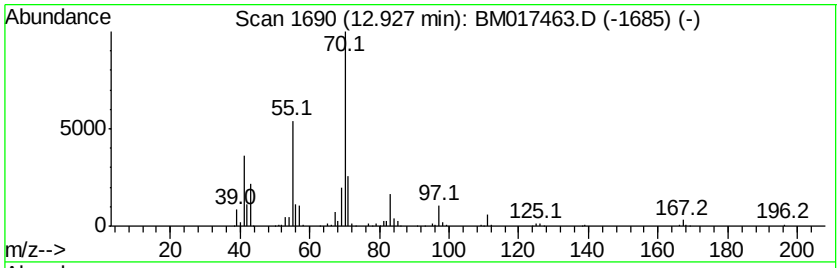
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

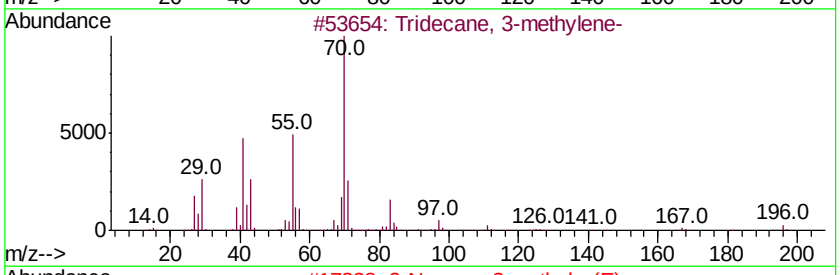
****

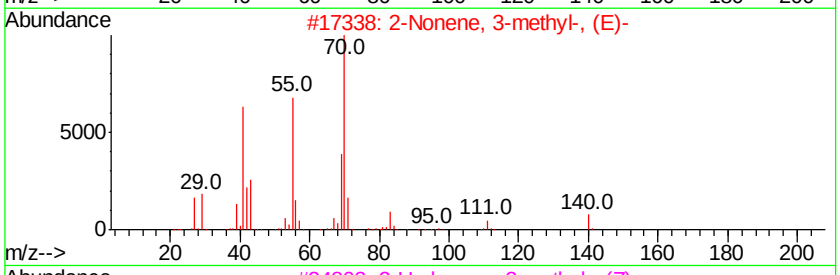
Peak Number 3 (DEL) Alkane: Cyclic12.93 Concentration Rank 37

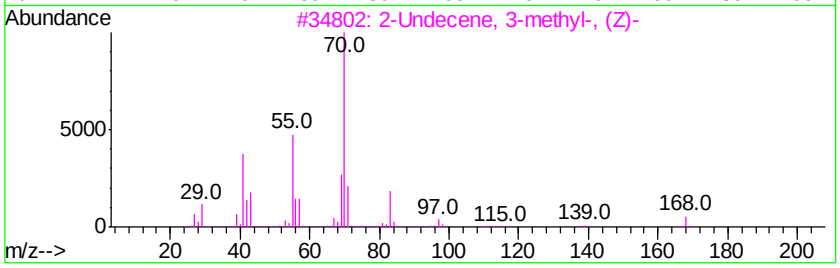
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	6.80 ng/ul	1375660	Acenaphthene-d10	14.29

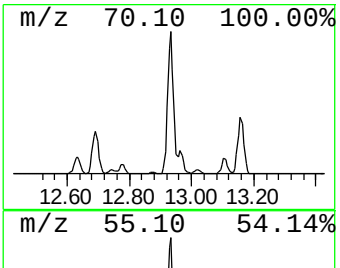
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	86
2	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	64
3	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	59
5	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	53

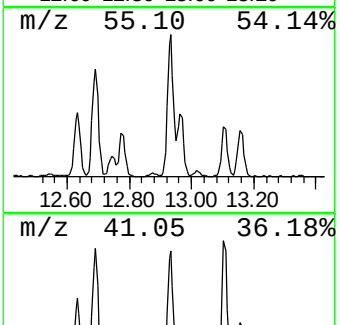


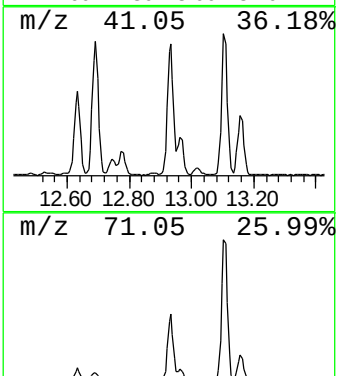


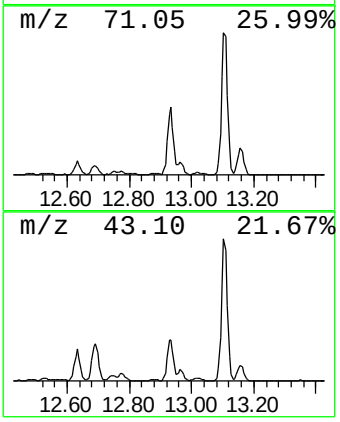












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

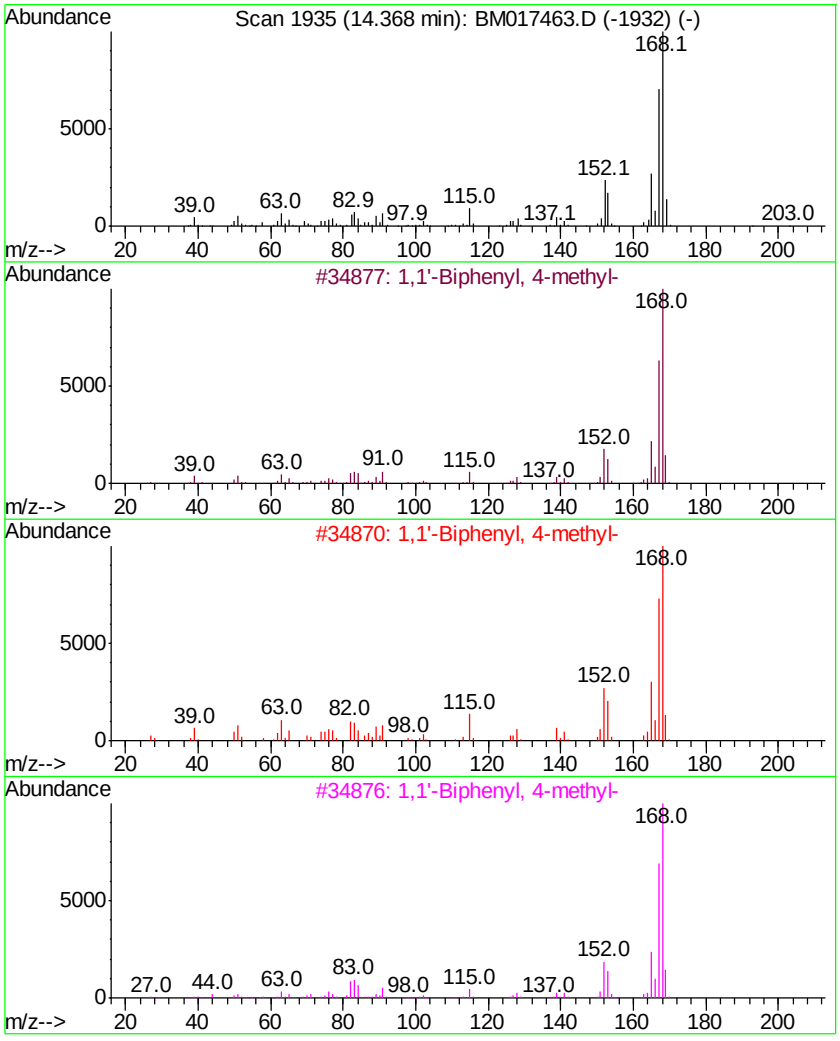
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

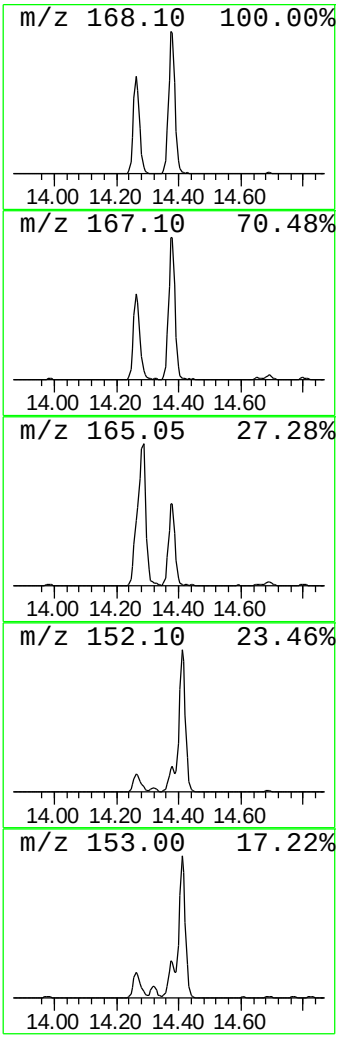
****

Peak Number 4 1,1'-Biphenyl, 4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.48 ng/ul	1109040	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87





Library Search Compound Report

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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

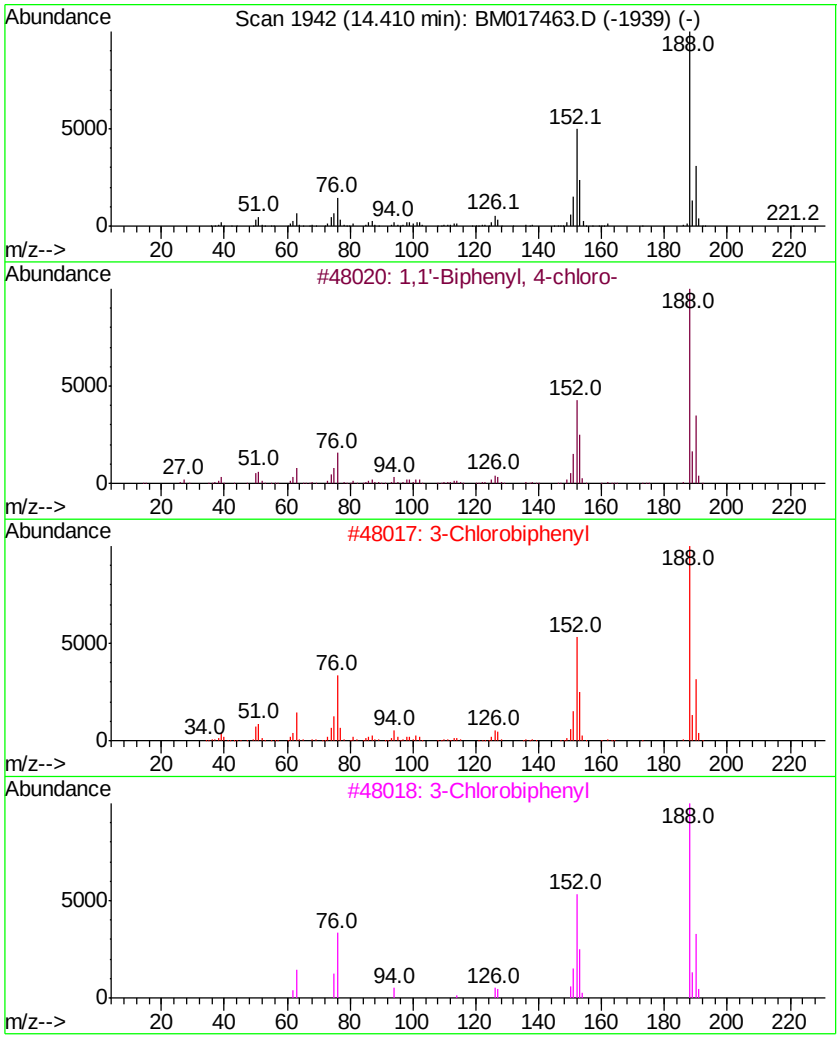
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

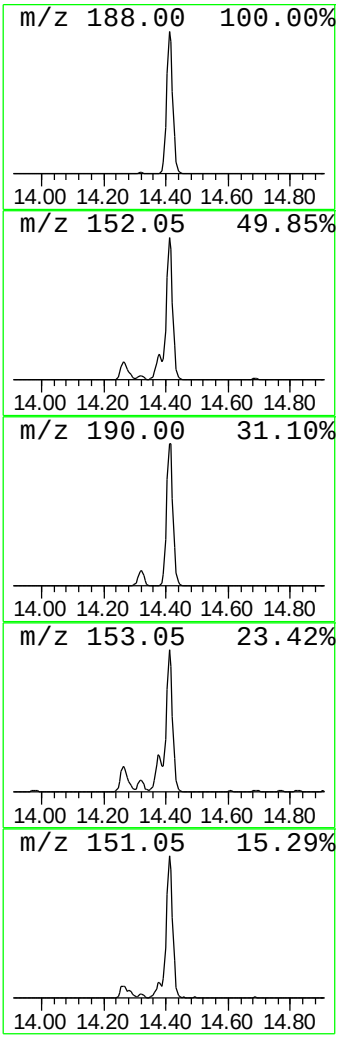
****

Peak Number 5 1,1'-Biphenyl, 4-chloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	11.58 ng/ul	2341630	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95





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Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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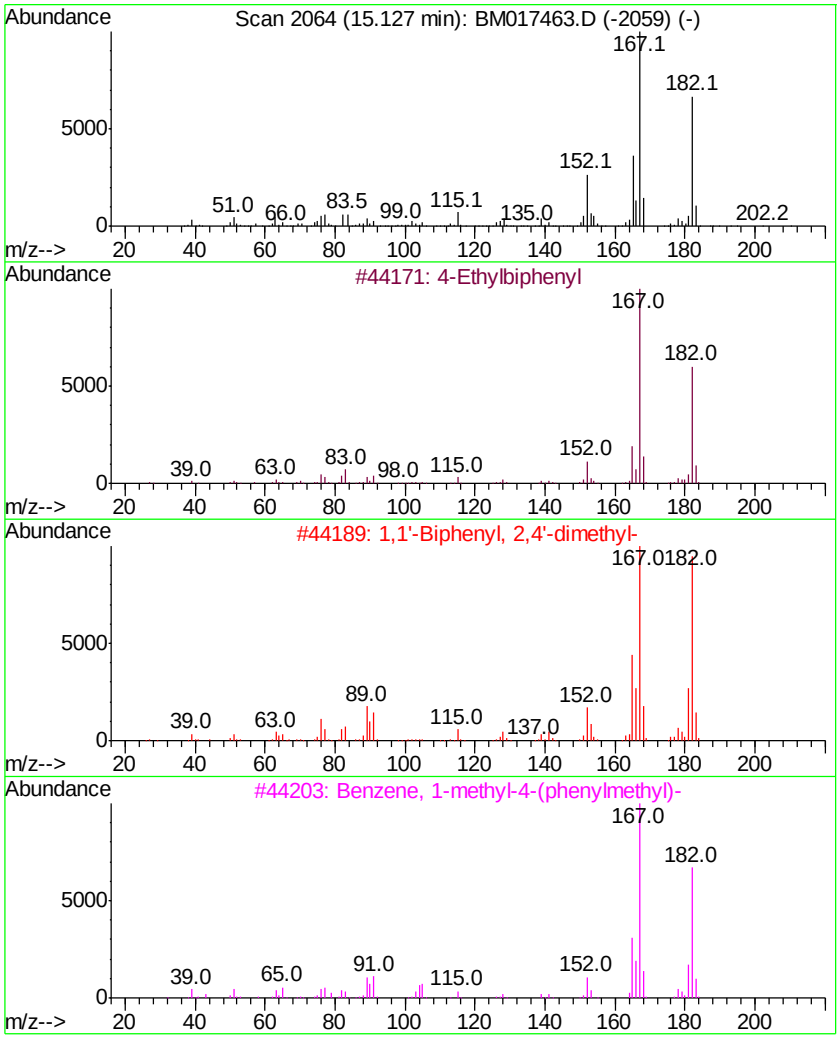
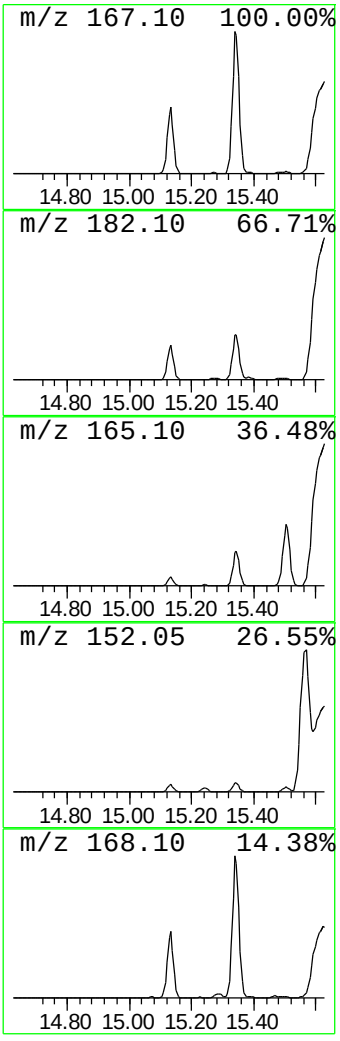
Peak Number 6 4-Ethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	32.19 ng/ul	6511740	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	90
2	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	74
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	74
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	72
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

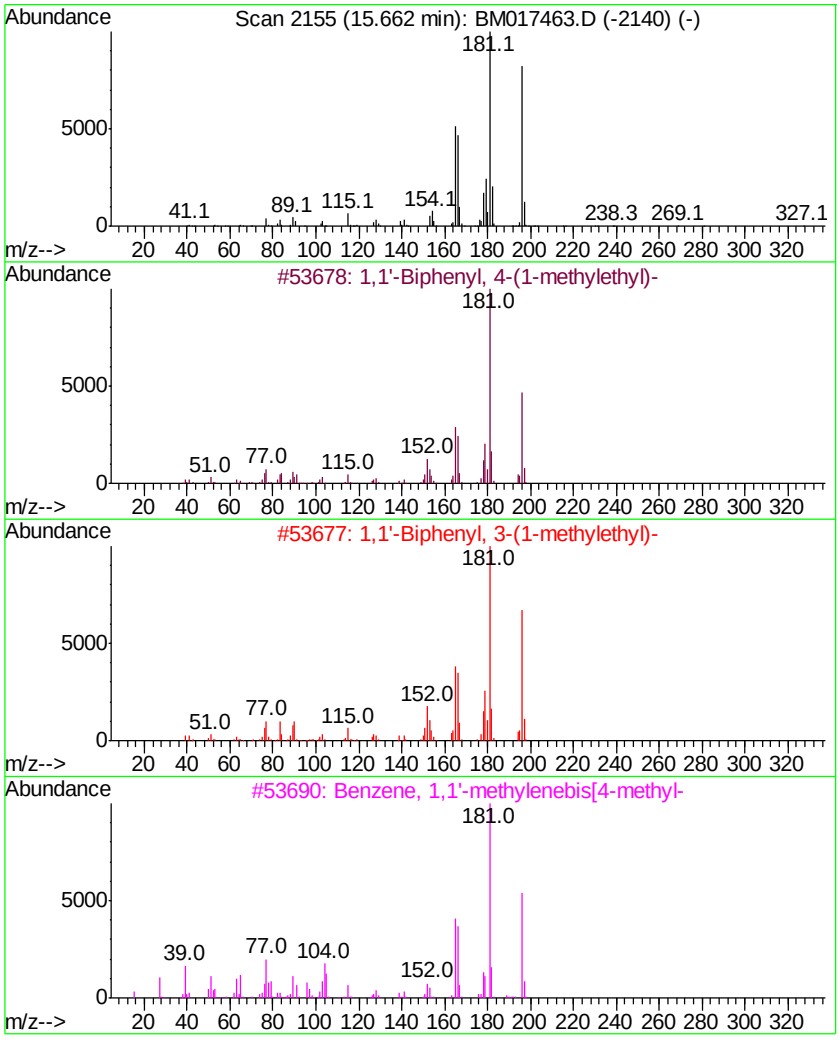
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

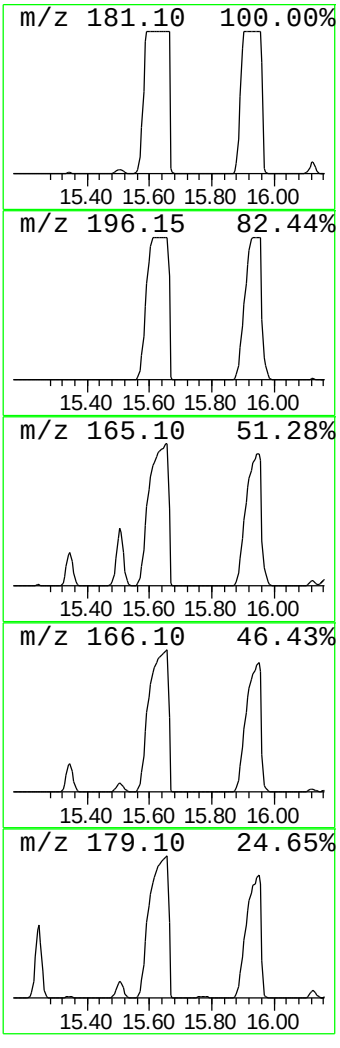
****

Peak Number 7 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	1722.41 ng/ul	348403000	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	70
2	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	64
3	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	58
4	1,7-Dimethyl-3-phenyltricyclo[4....	196	C15H16	1000200-99-4	50
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38





Library Search Compound Report

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ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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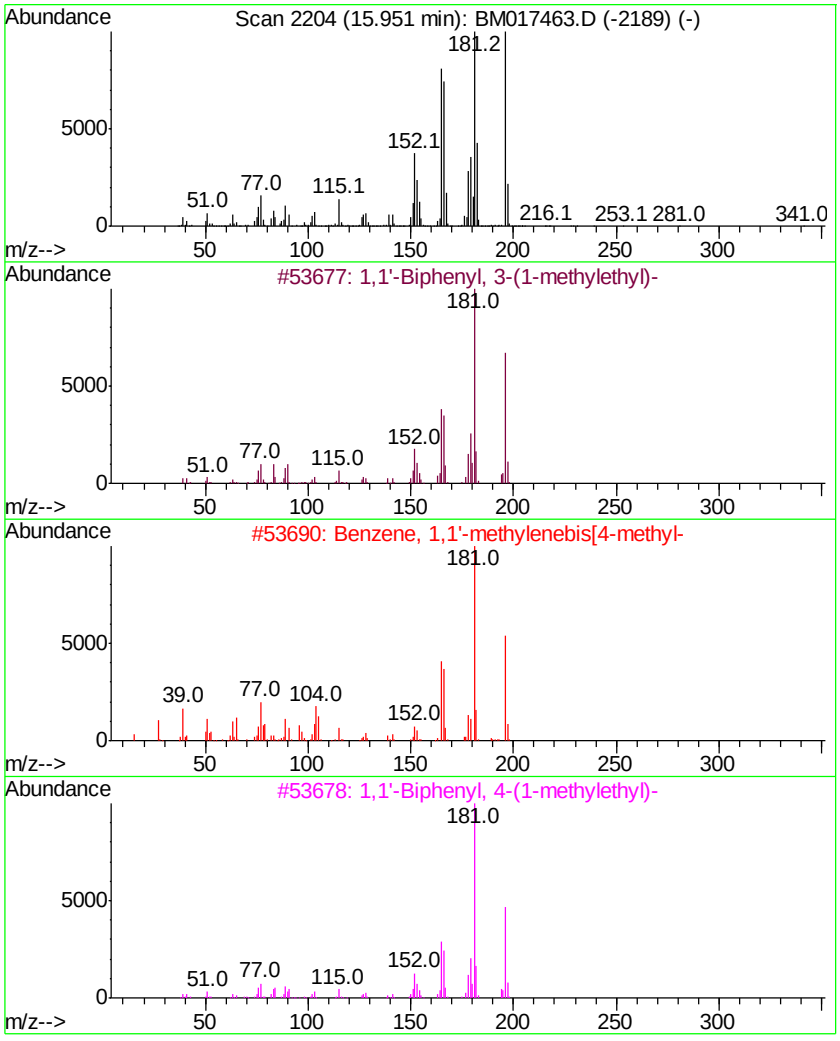
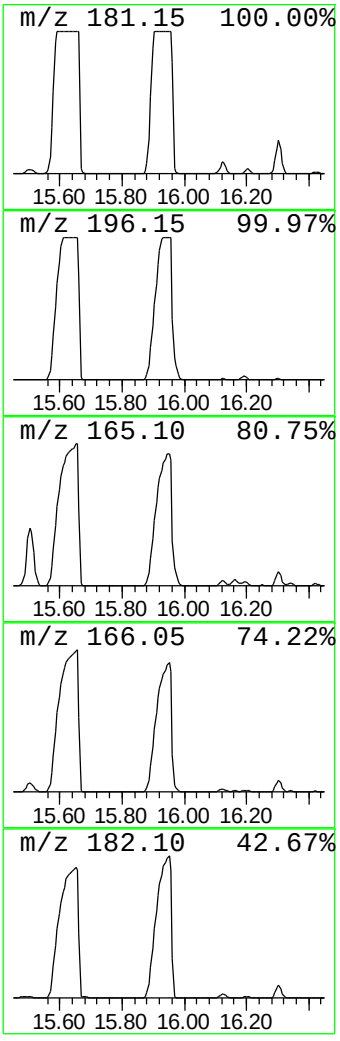
Peak Number 8 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	301.75 ng/ul	272592000	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	76
2	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	68
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
4	1,7-Dimethyl-3-phenyltricyclo[4....	196	C15H16	1000200-99-4	58
5	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	58





Library Search Compound Report

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Sample : J5704-03
Misc :
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Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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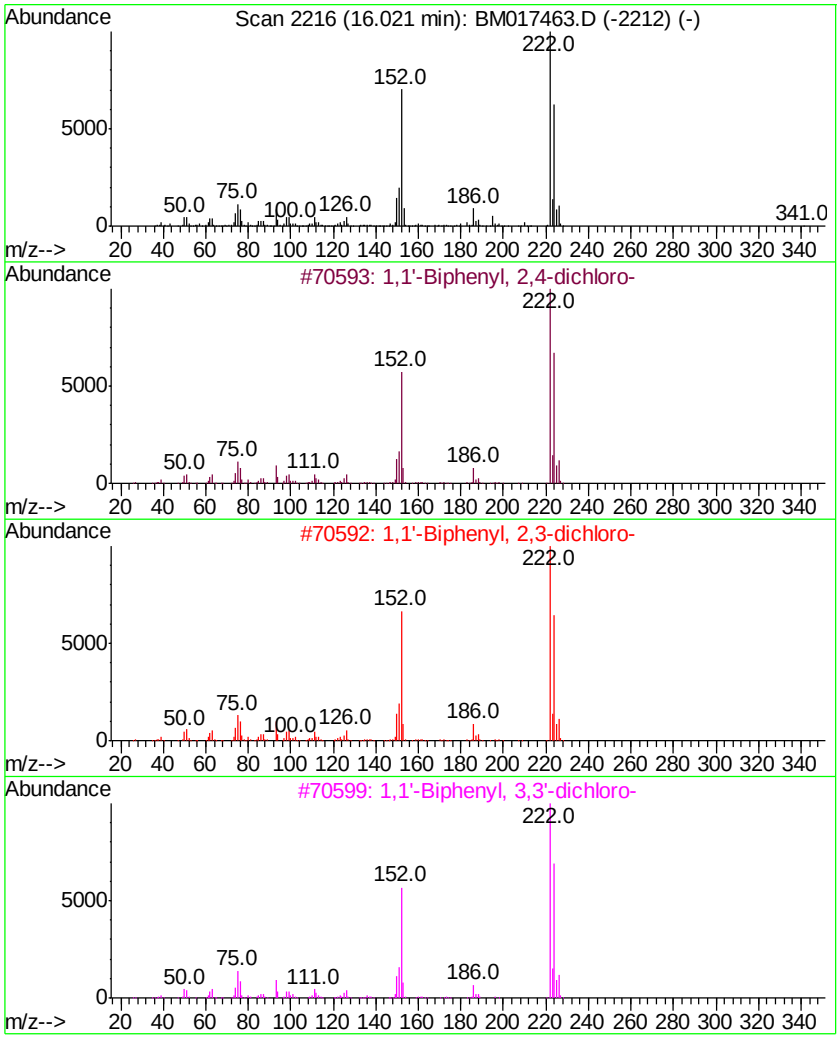
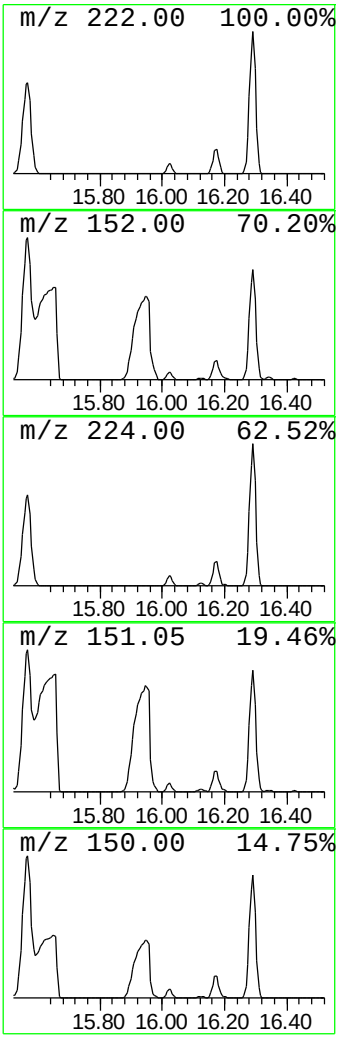
Peak Number 9 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.93 ng/ul	2649050	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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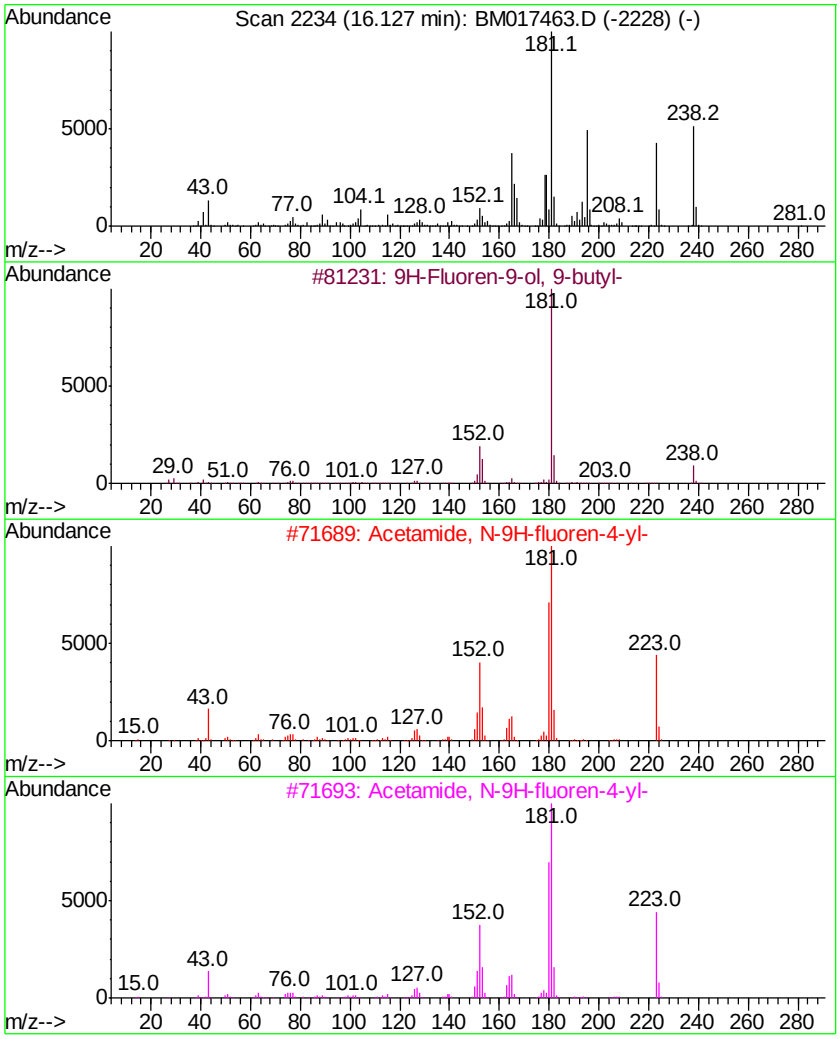
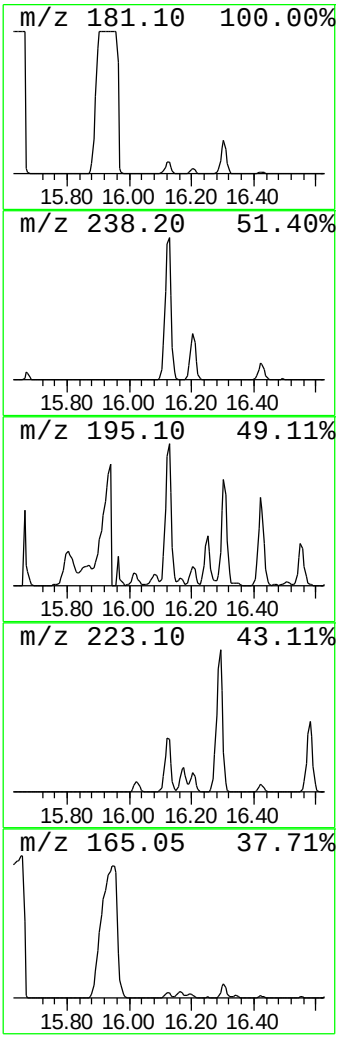
Peak Number 10 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.25 ng/ul	5646530	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	41
2	Acetamide, N-9H-fluoren-4-yl-	223	C15H13NO	028322-02-3	38
3	Acetamide, N-9H-fluoren-4-yl-	223	C15H13NO	028322-02-3	38
4	N-2-Fluorenylacetamide	223	C15H13NO	000053-96-3	35
5	4-(2-p-Tolylvinyl)benzoic acid	238	C16H14O2	043122-74-3	35





Library Search Compound Report

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Sample : J5704-03
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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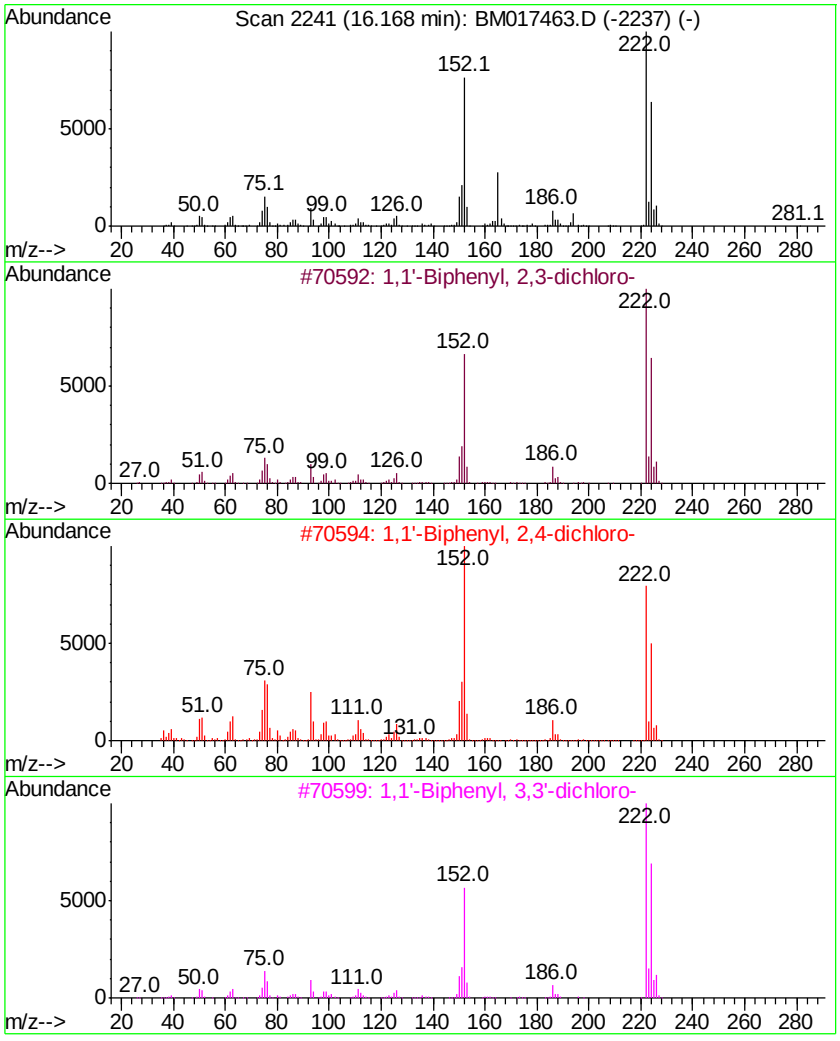
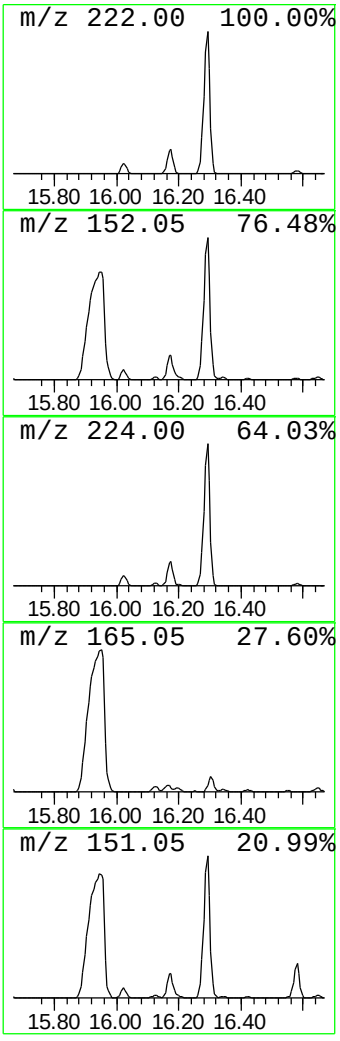
Peak Number 11 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	8.17 ng/ul	7381870	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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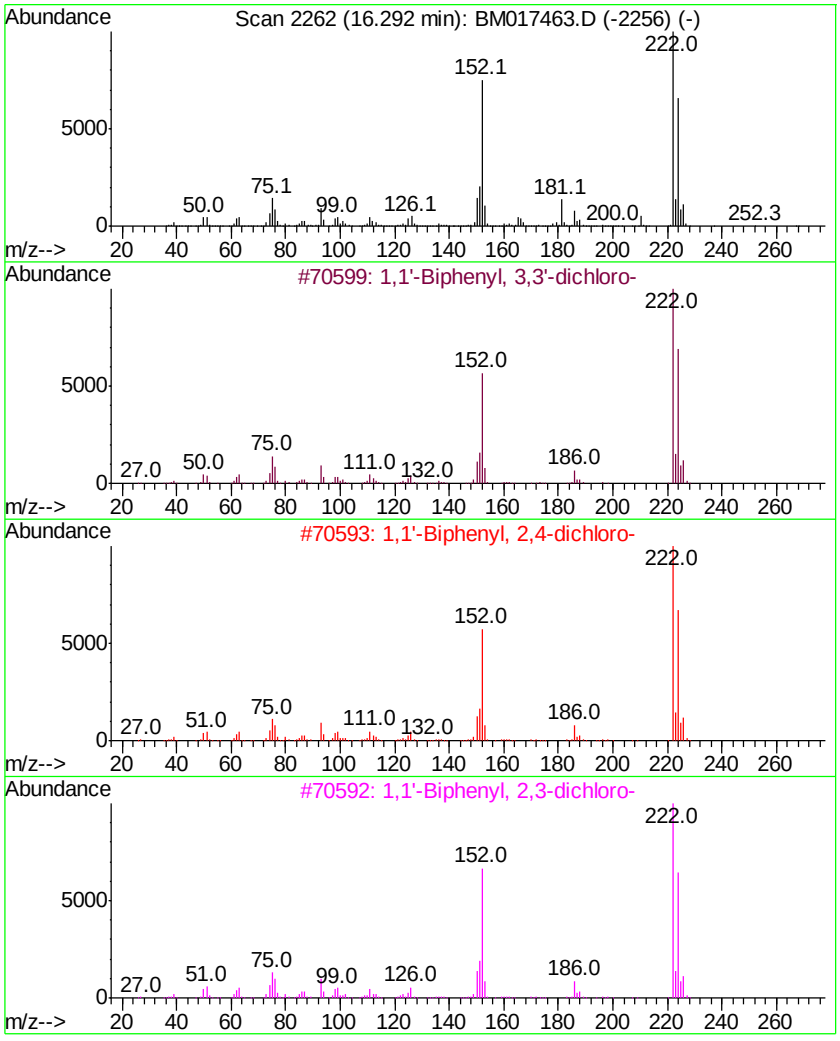
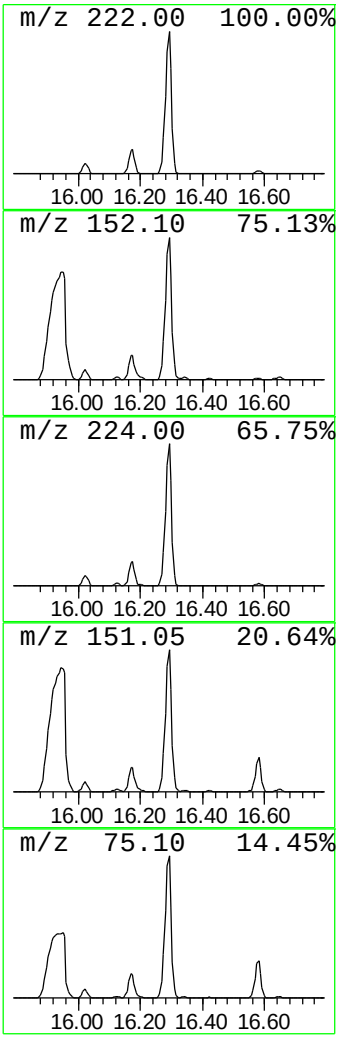
Peak Number 12 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	51.01 ng/ul	46083600	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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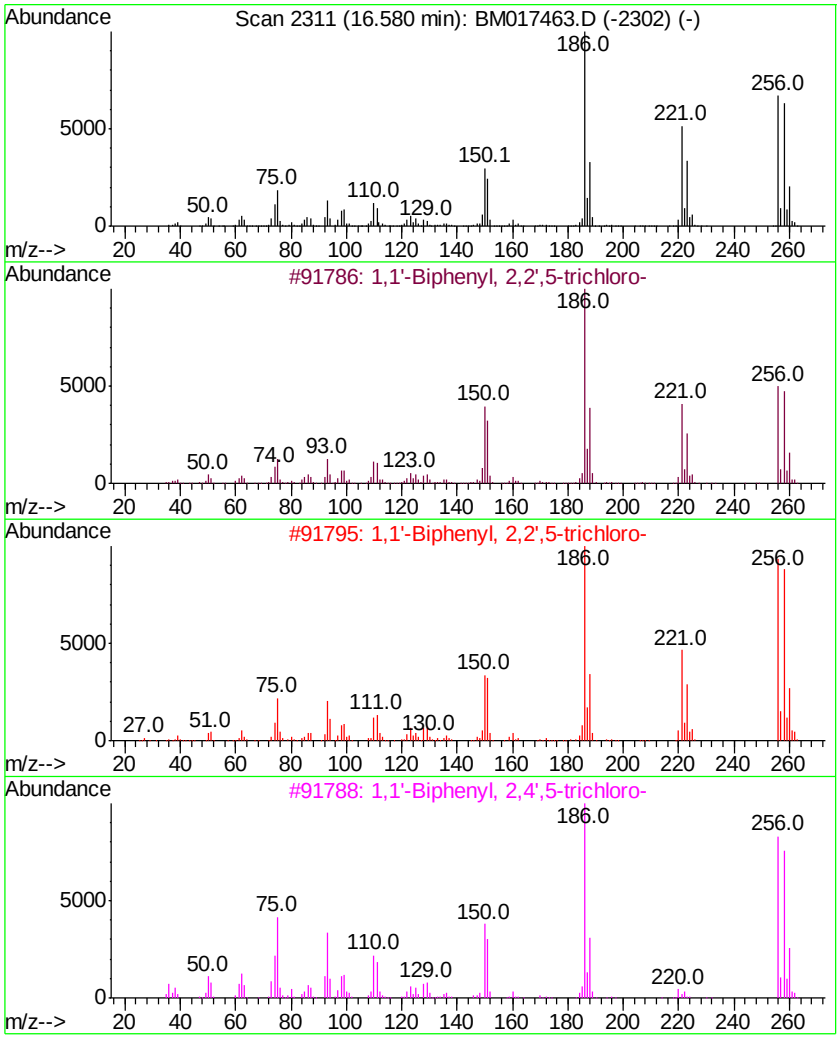
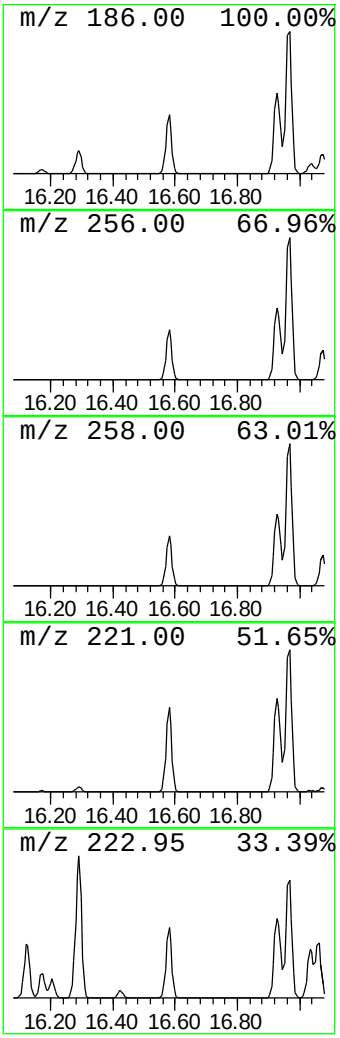
Peak Number 13 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	12.40 ng/ul	11197900	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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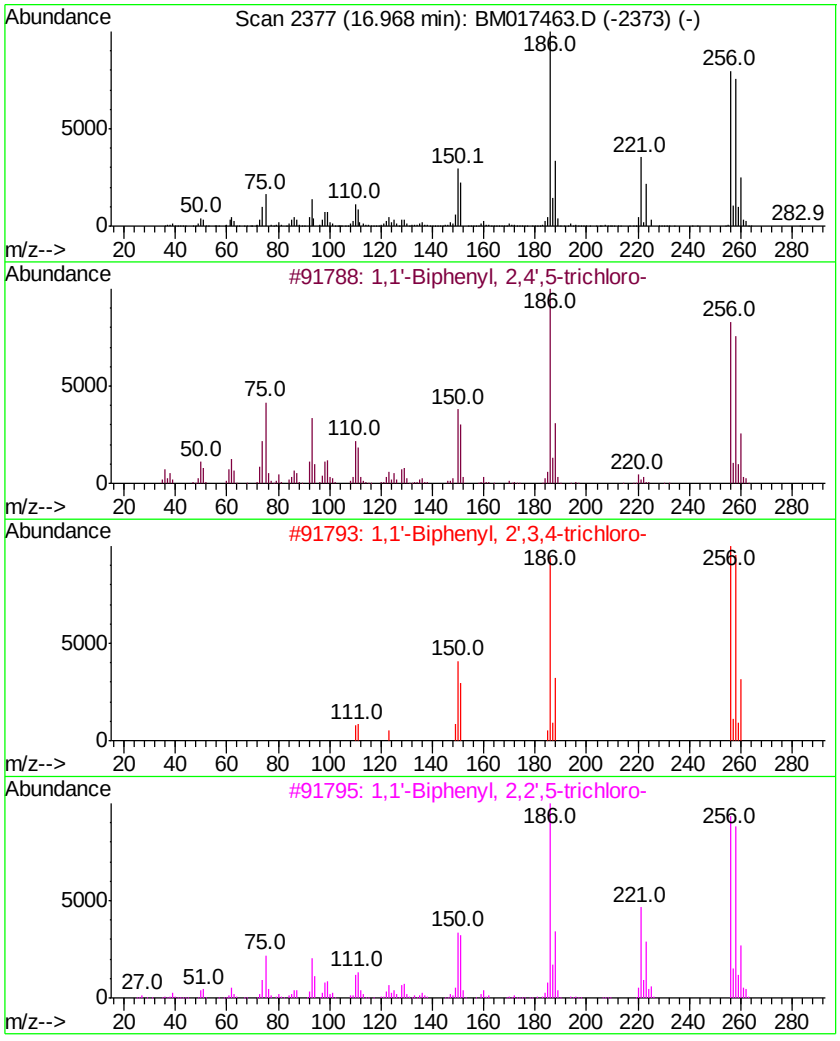
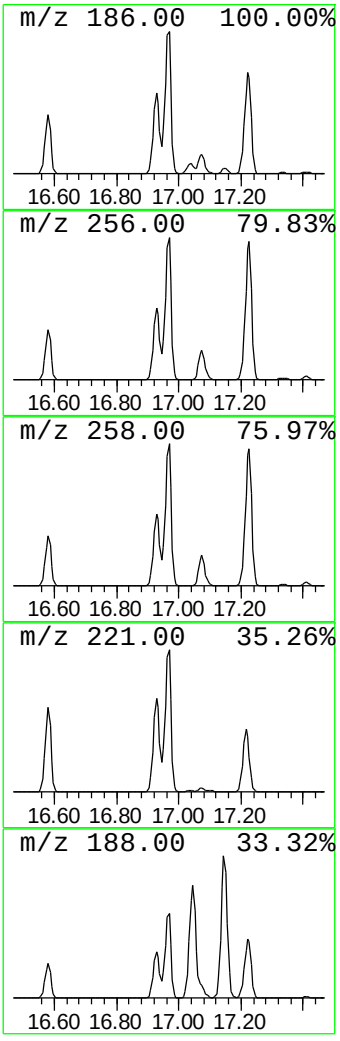
Peak Number 16 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	28.75 ng/ul	25968900	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	93





Library Search Compound Report

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ClientSampleId : A40F8

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Quant Title : SVOA CALIBRATION

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

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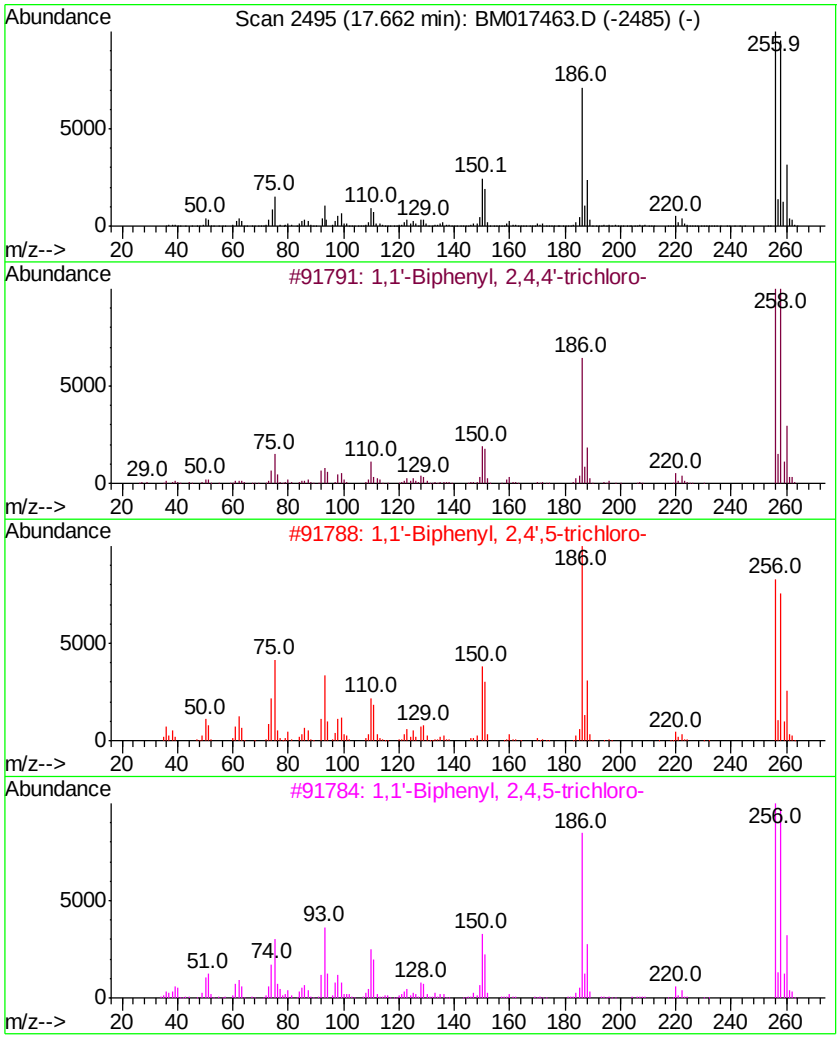
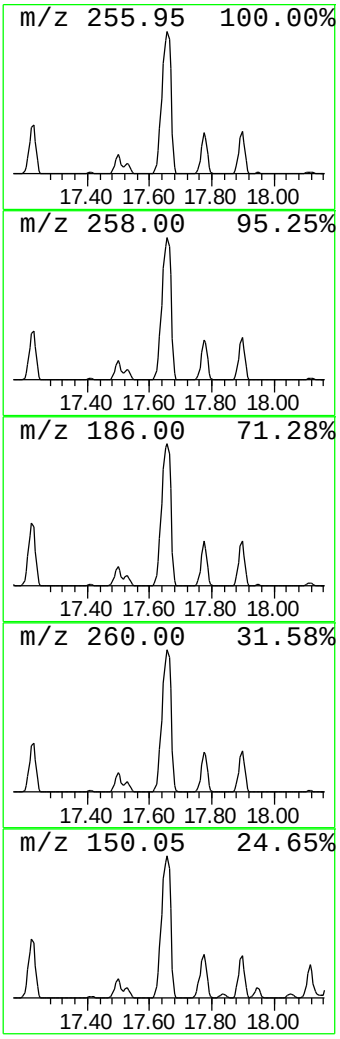
Peak Number 20 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	86.03 ng/ul	77722100	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Quant Title : SVOA CALIBRATION

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

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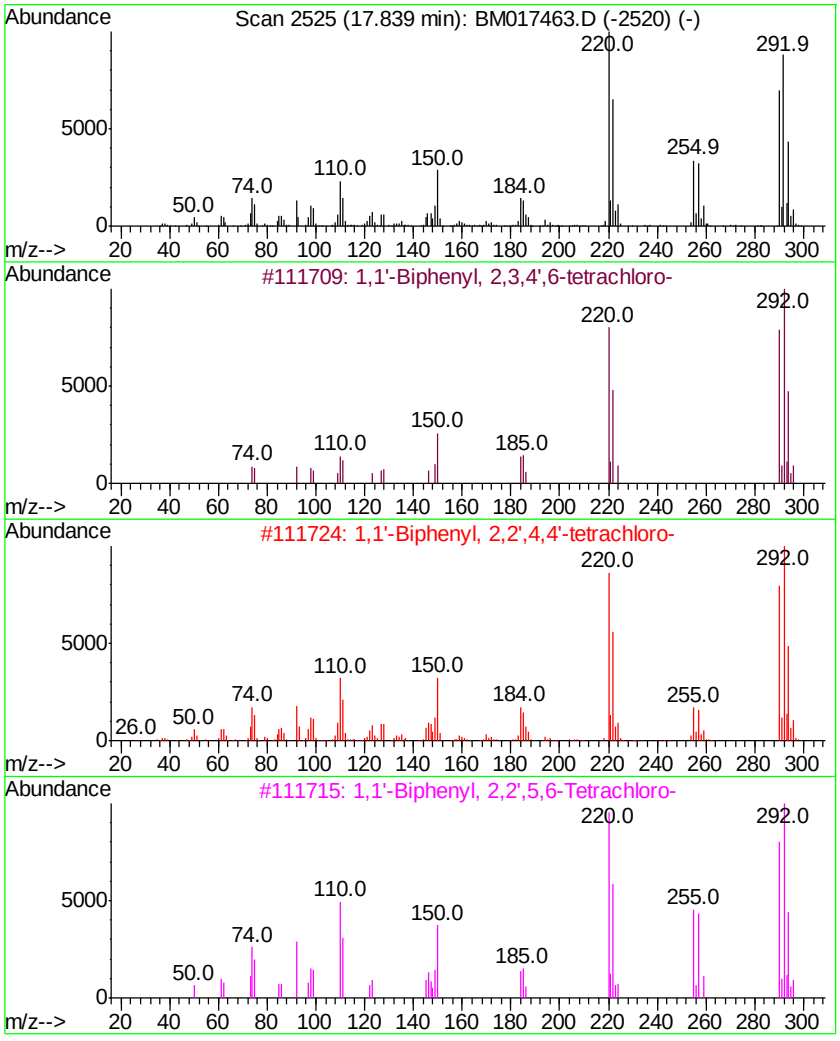
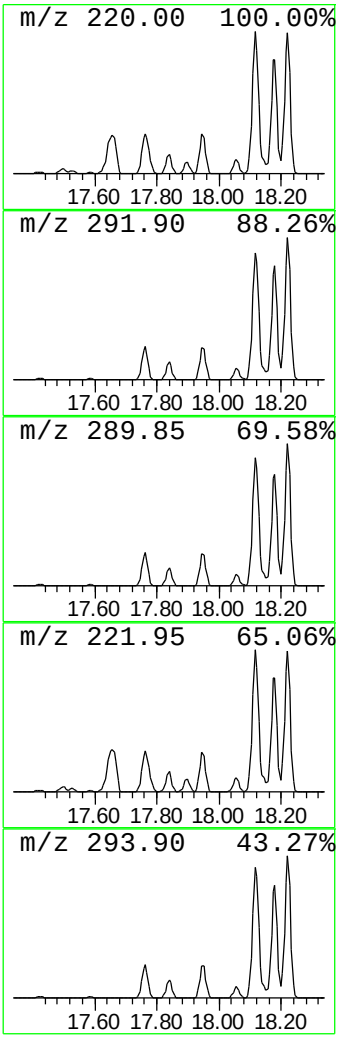
Peak Number 22 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.11 ng/ul	1908160	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





Library Search Compound Report

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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

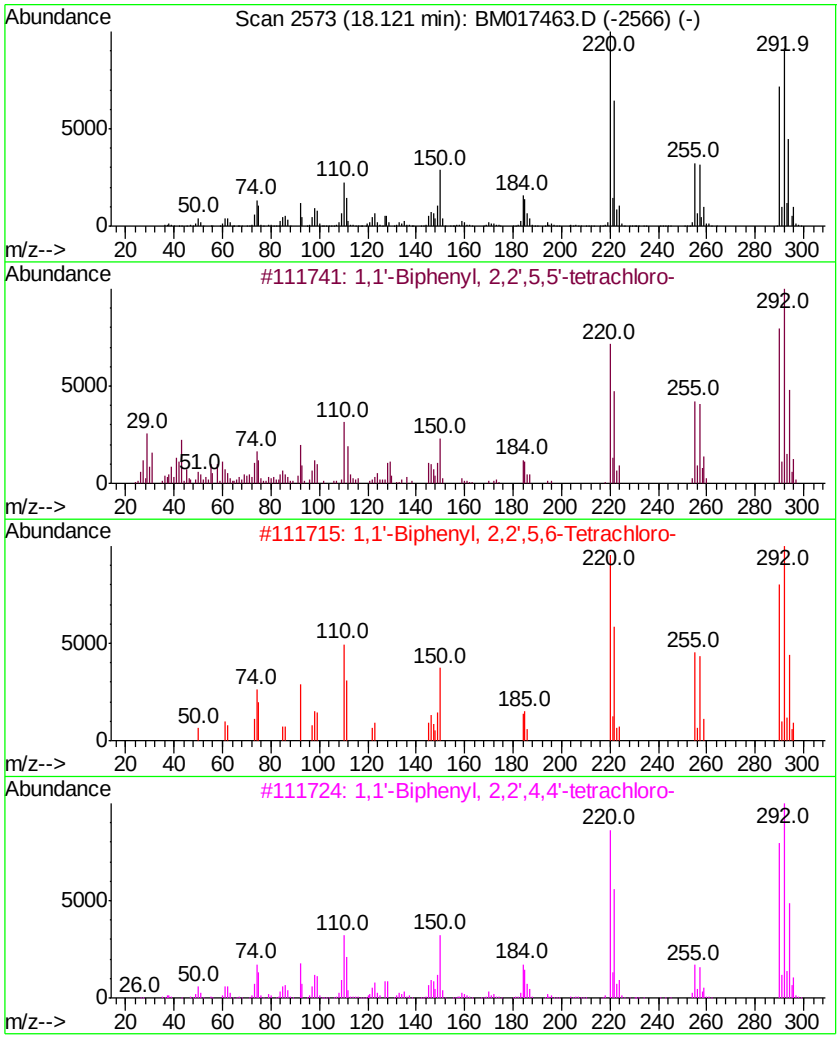
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

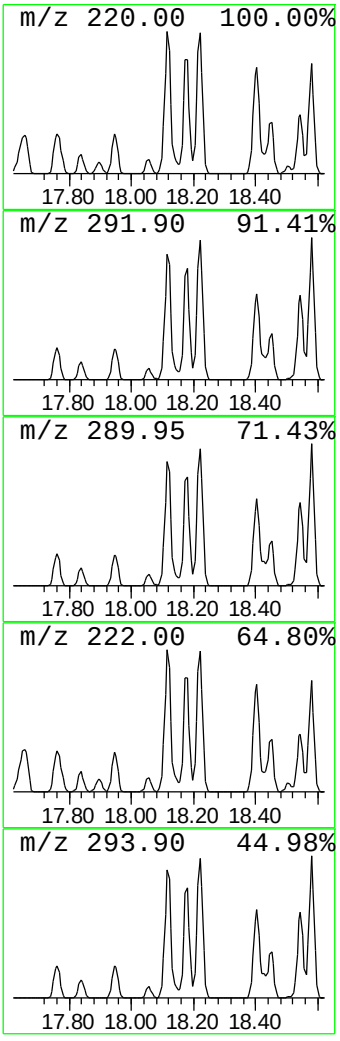
****

Peak Number 25 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	16.80 ng/ul	15176200	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

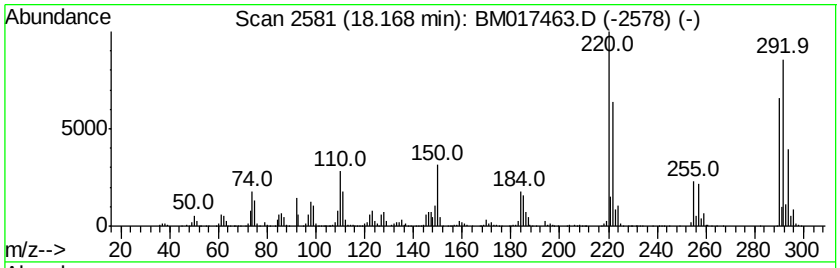
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

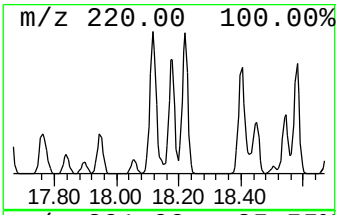
****

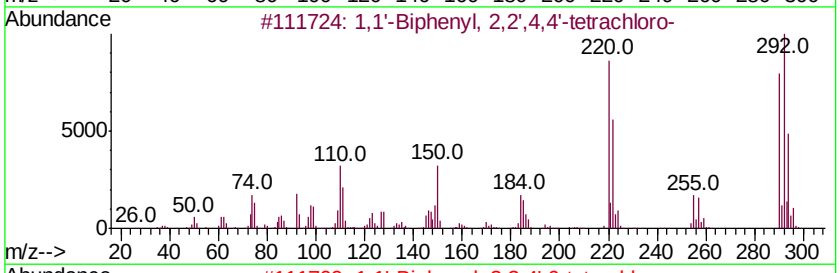
Peak Number 26 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 26

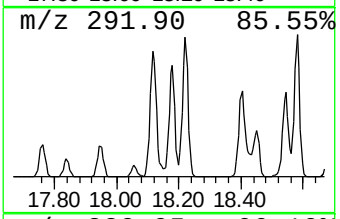
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	12.82 ng/ul	11584500	Phenanthrene-d10	17.04

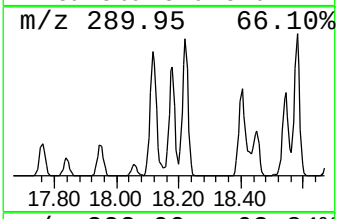
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99

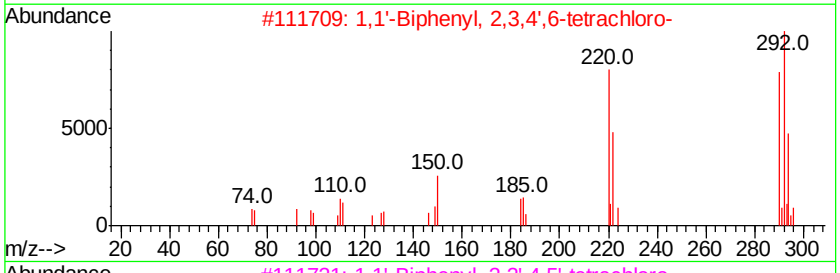


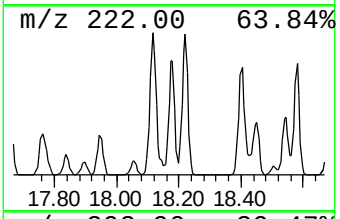


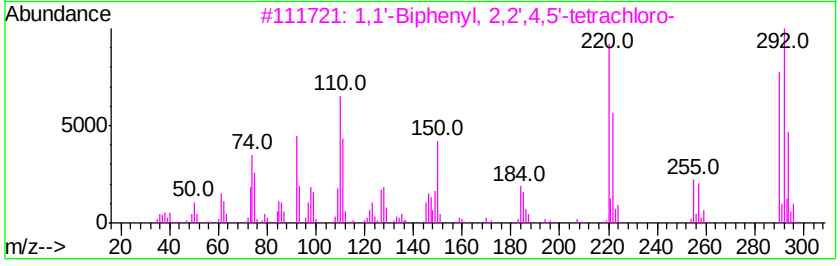


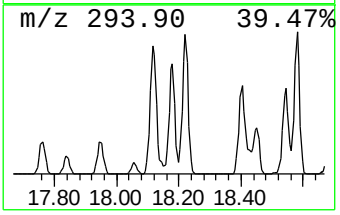












Library Search Compound Report

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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

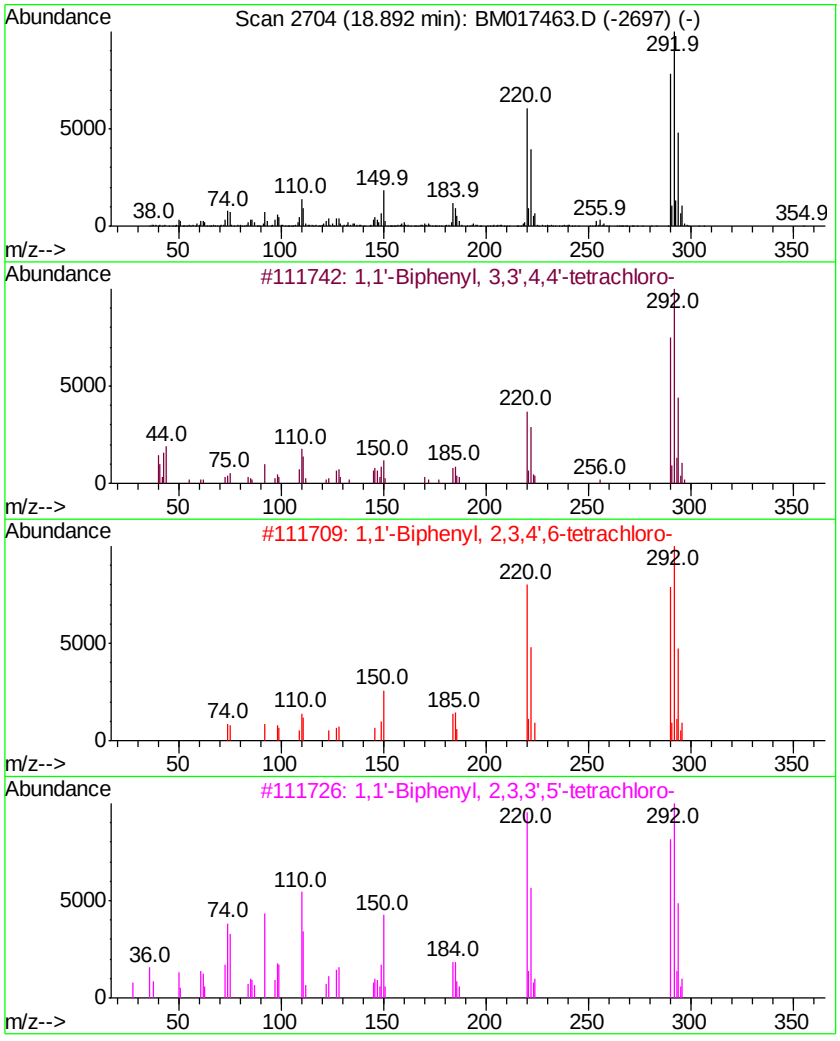
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

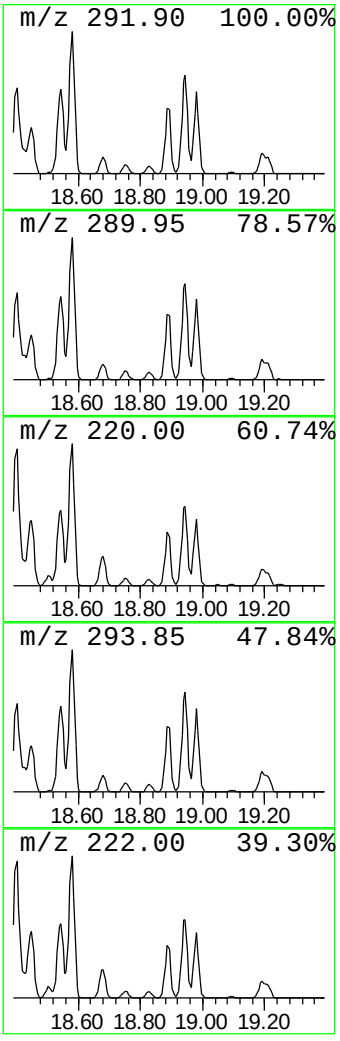
****

Peak Number 34 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	5.54 ng/ul	5001020	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99





Library Search Compound Report

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Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

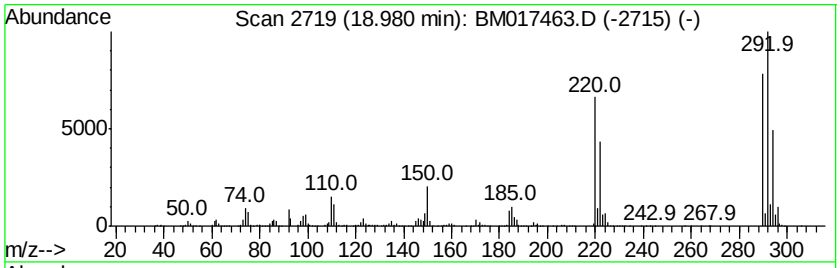
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

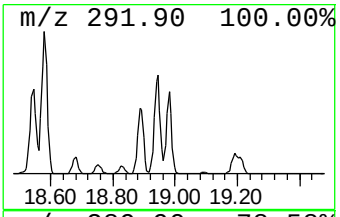
****

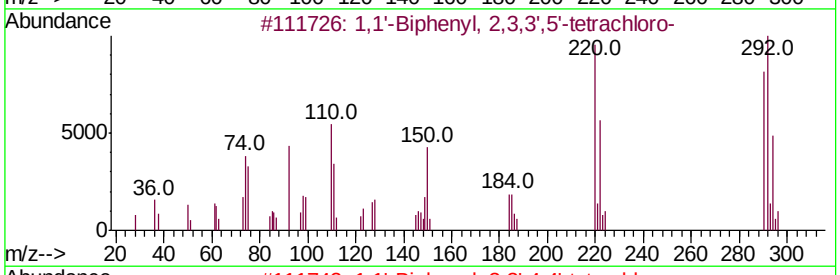
Peak Number 36 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 33

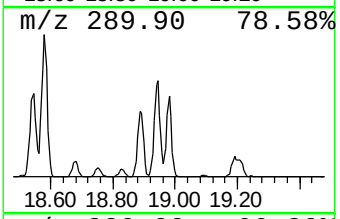
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	8.03 ng/ul	7257870	Phenanthrene-d10	17.04

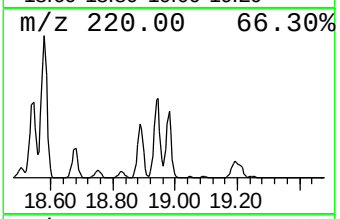
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95

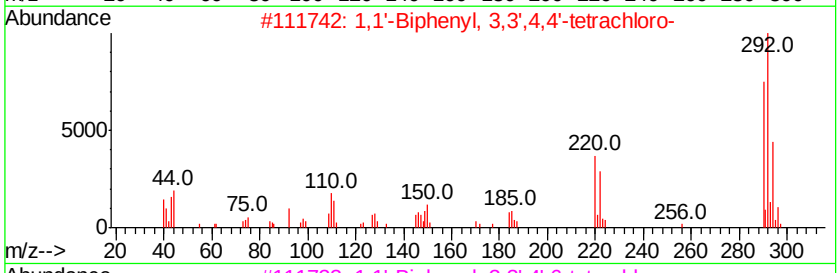


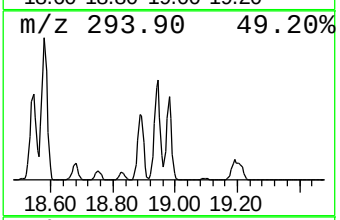


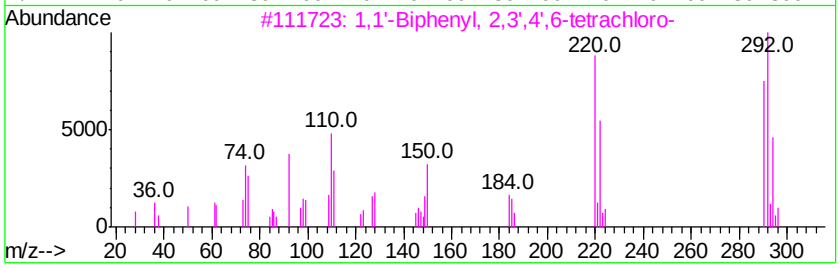


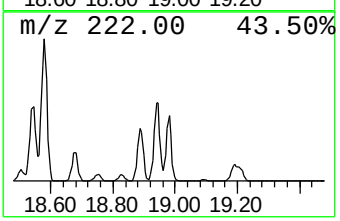












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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

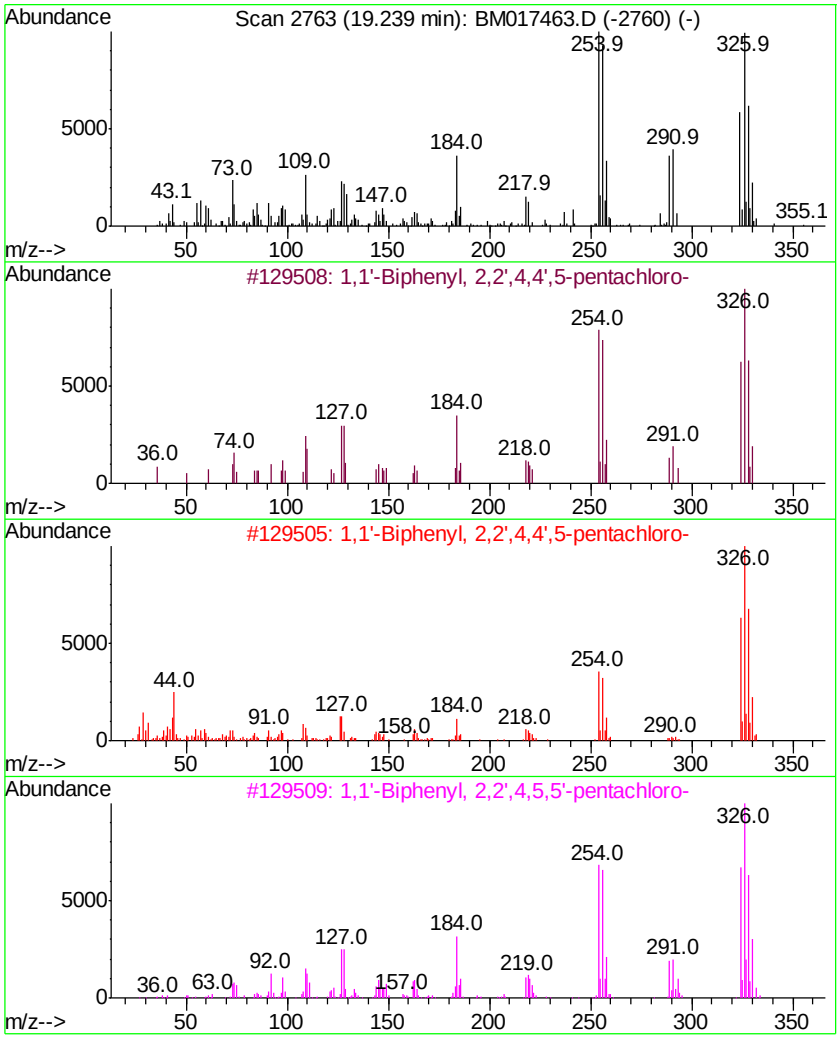
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

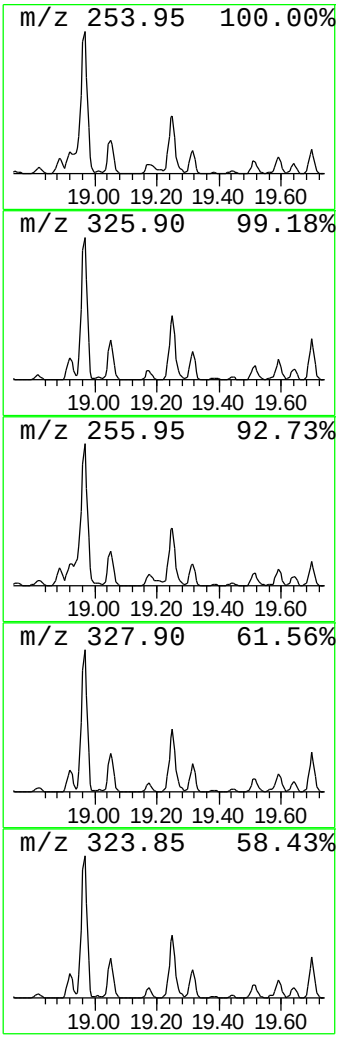
****

Peak Number 38 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	61.45 ng/ul	1739710	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

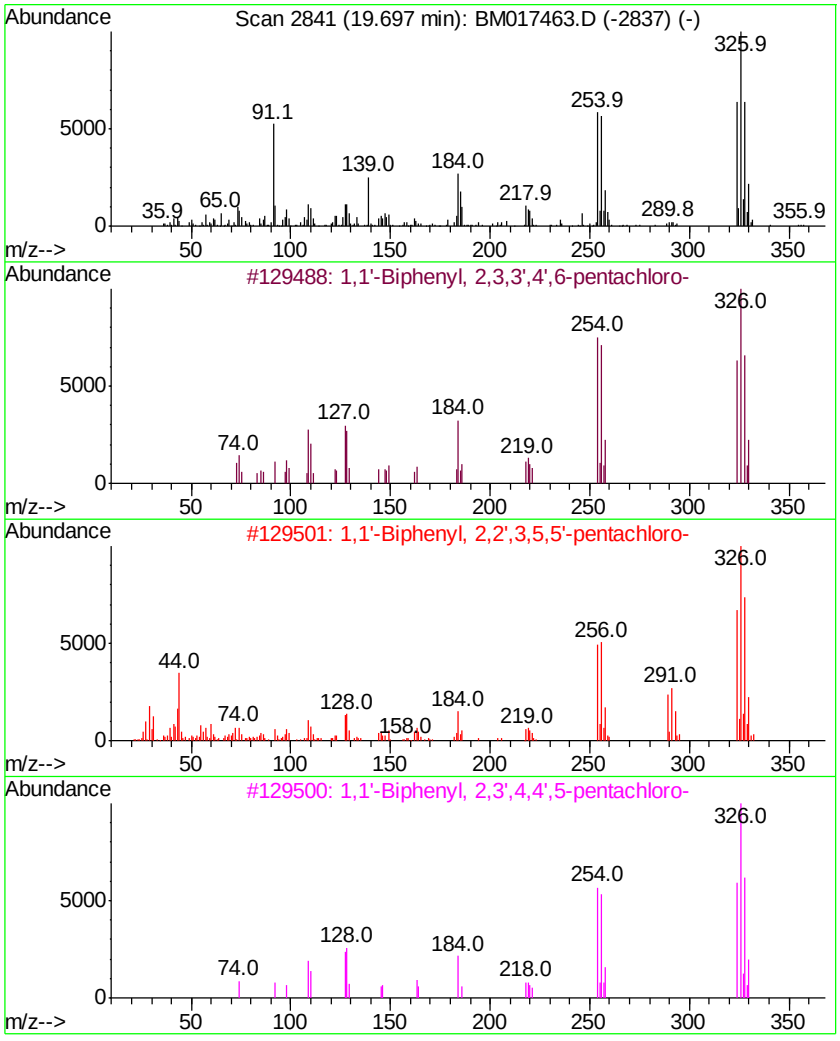
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

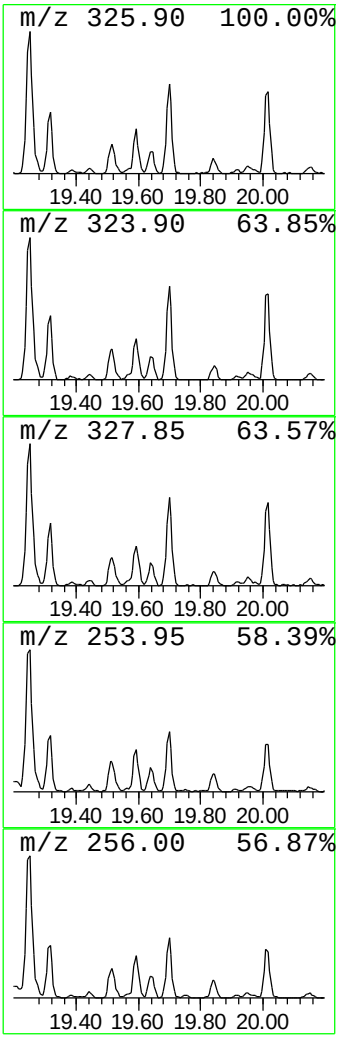
****

Peak Number 41 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	25.15 ng/ul	712161	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95





Library Search Compound Report

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Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

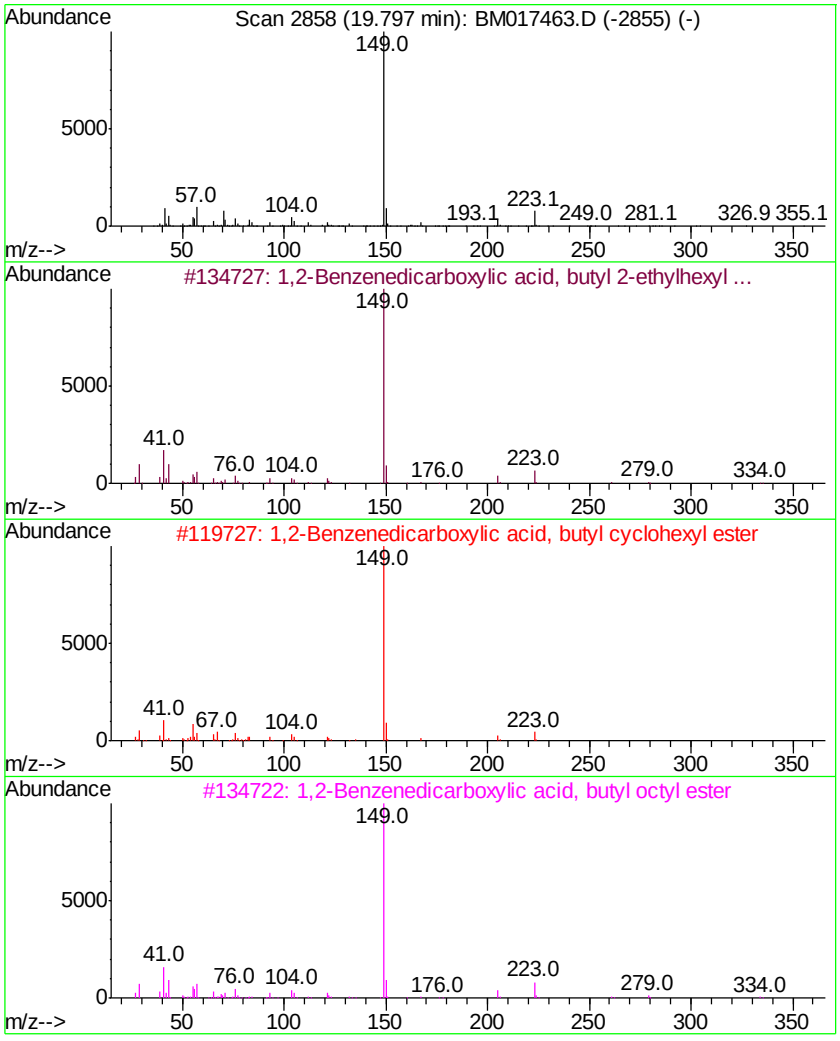
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

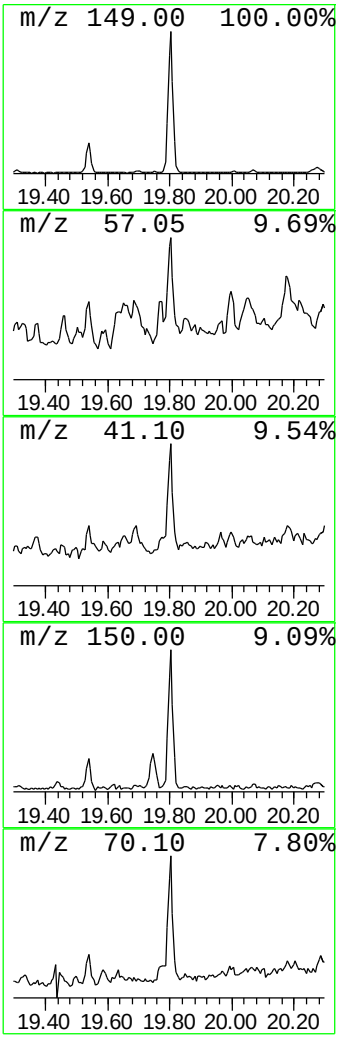
****

Peak Number 42 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	21.71 ng/ul	614604	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	91
2	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	90
3	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	90
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	86
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	83





Library Search Compound Report

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Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

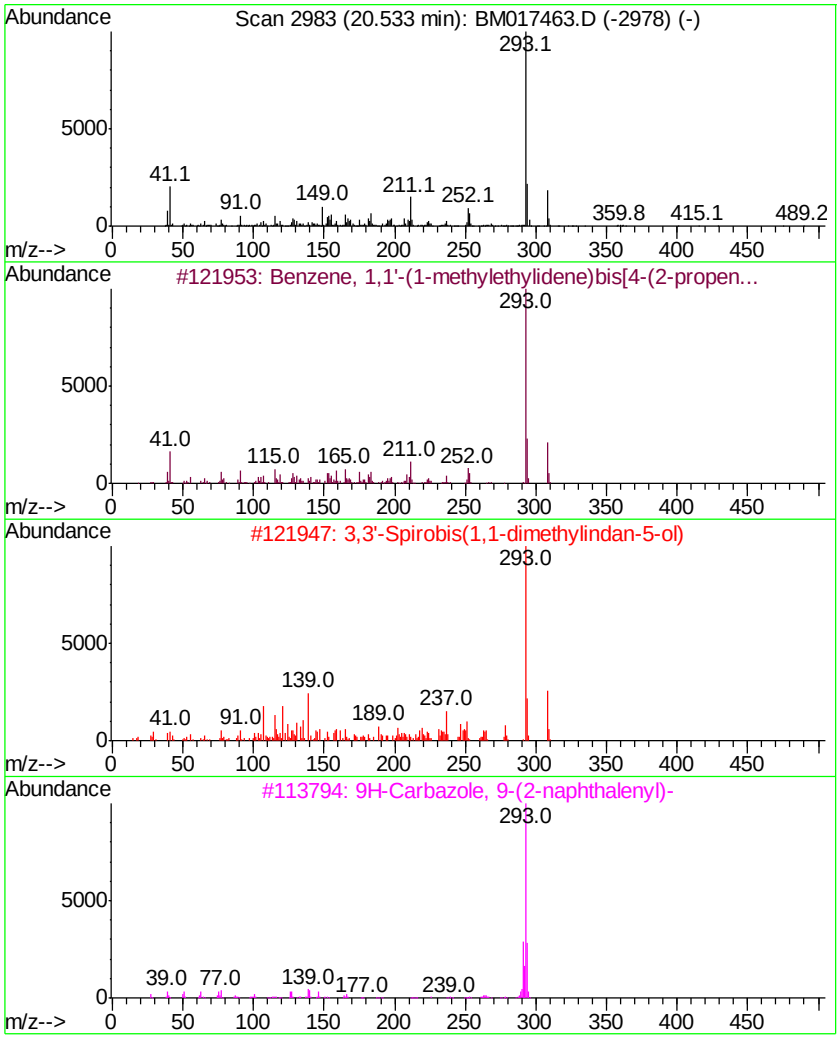
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

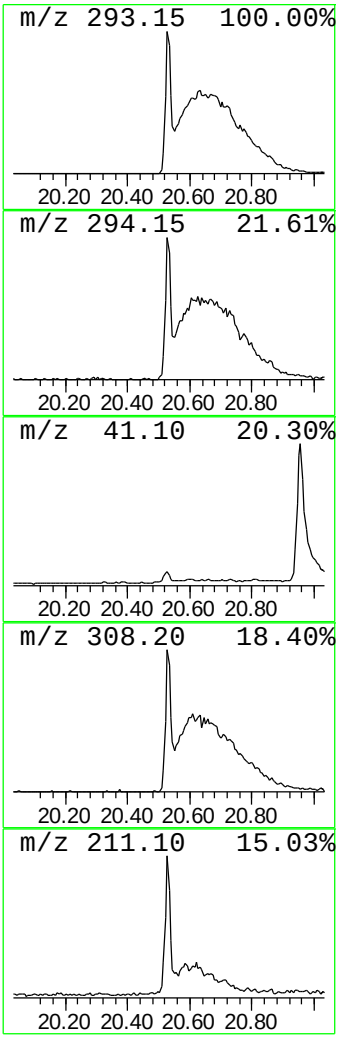
****

Peak Number 44 Benzene, 1,1'-(1-methylethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	41.74 ng/ul	1181660	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-methylethylidene...	308	C21H24O2	003739-67-1	90
2	3,3'-Spirobis(1,1-dimethylindan-...	308	C21H24O2	001568-80-5	50
3	9H-Carbazole, 9-(2-naphthalenyl)-	293	C22H15N	034292-03-0	43
4	9H-Carbazole, 9-(1-naphthalenyl)-	293	C22H15N	022034-43-1	43
5	Ethyl 4-bromo-alpha-cyano-beta-m...	293	C13H12BrNO2	020992-89-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

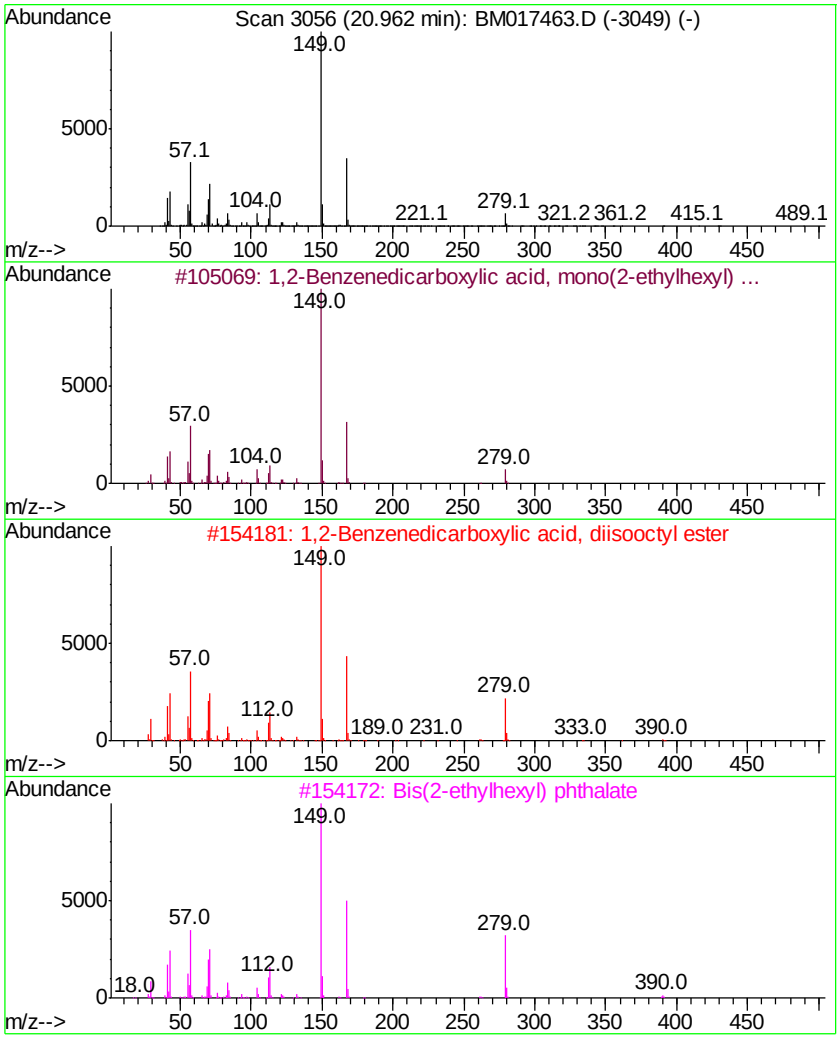
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

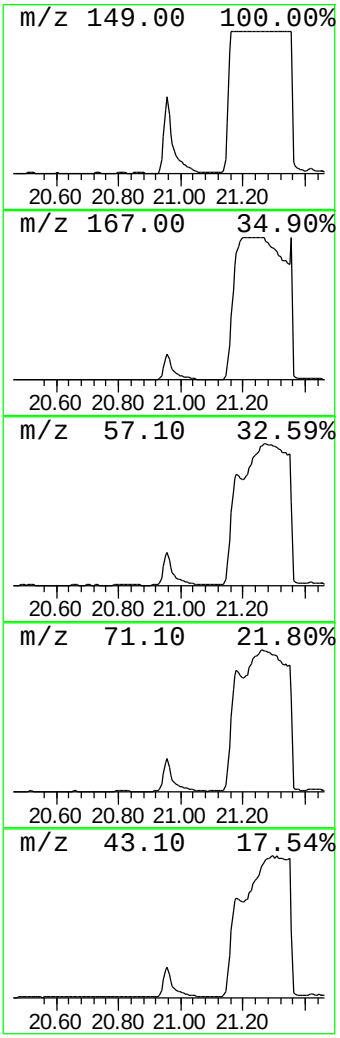
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	1203.07 ng/ul	34061300	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	90
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	90
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
4	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	58
5	Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

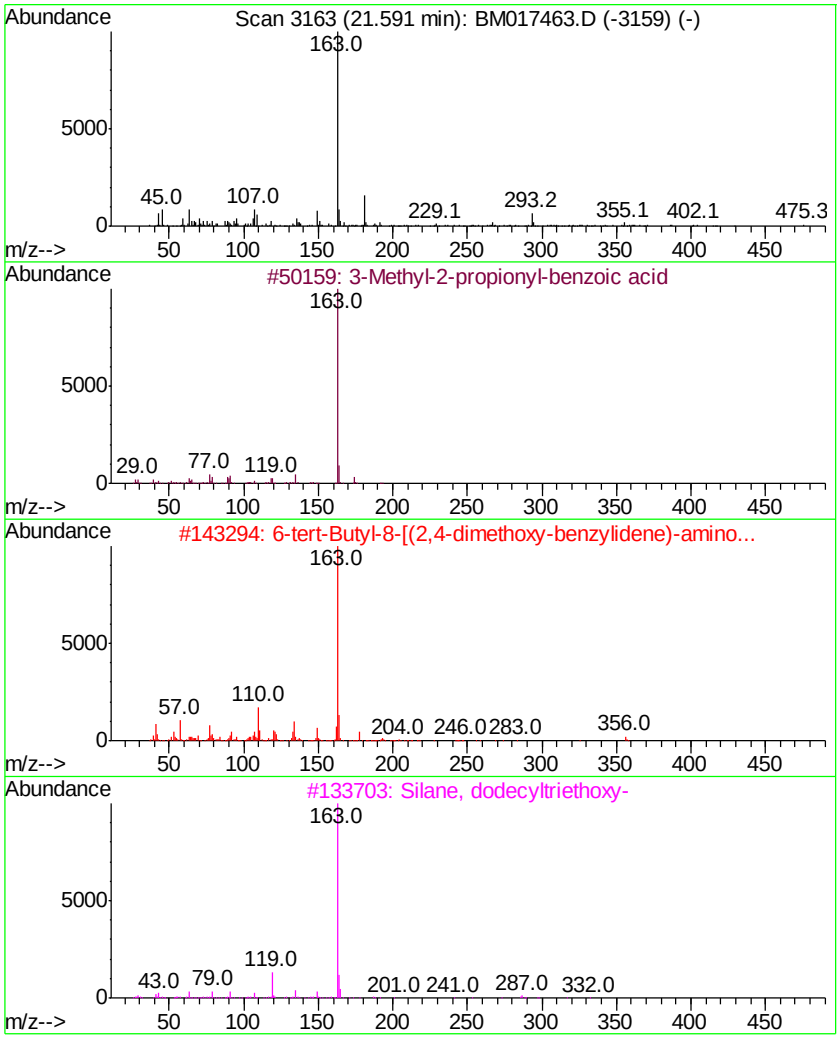
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

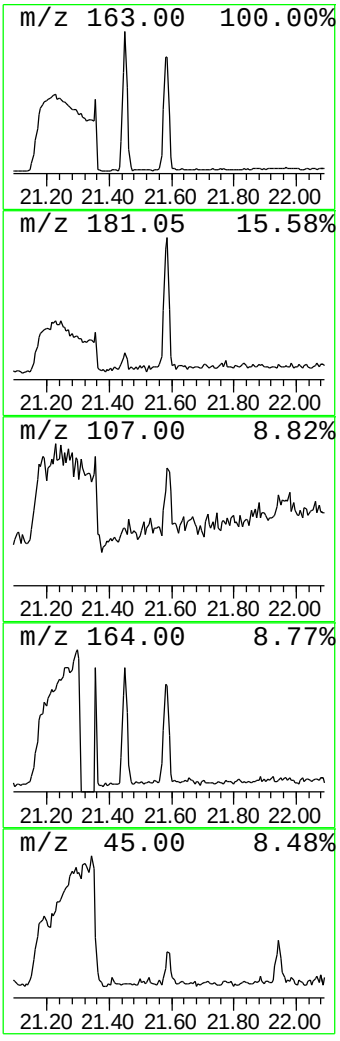
****

Peak Number 47 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	15.21 ng/ul	430549	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-propionyl-benzoic acid	192	C11H12O3	092945-59-0	45
2	6-tert-Butyl-8-[(2,4-dimethoxy-b...	356	C17H20N6O3	1000295-27-2	42
3	Silane, dodecyltriethoxy-	332	C18H40O3Si	018536-91-9	36
4	5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	36
5	Silane, dodecyltriethoxy-	332	C18H40O3Si	018536-91-9	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

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

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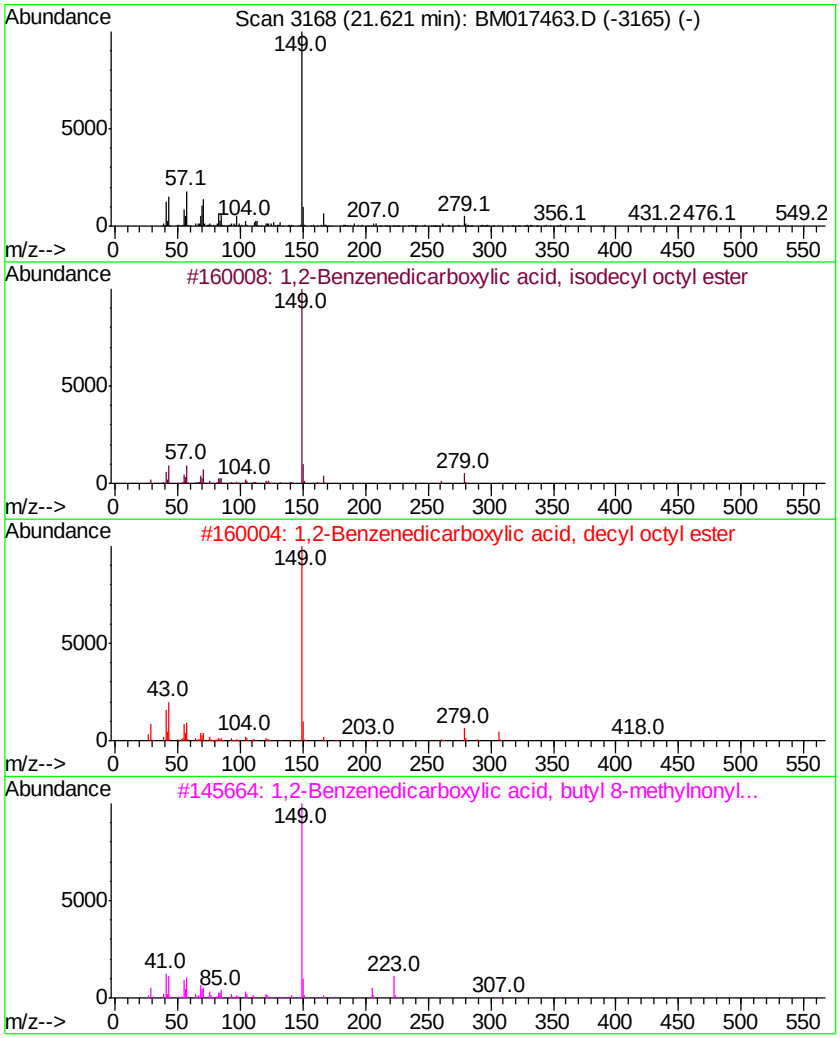
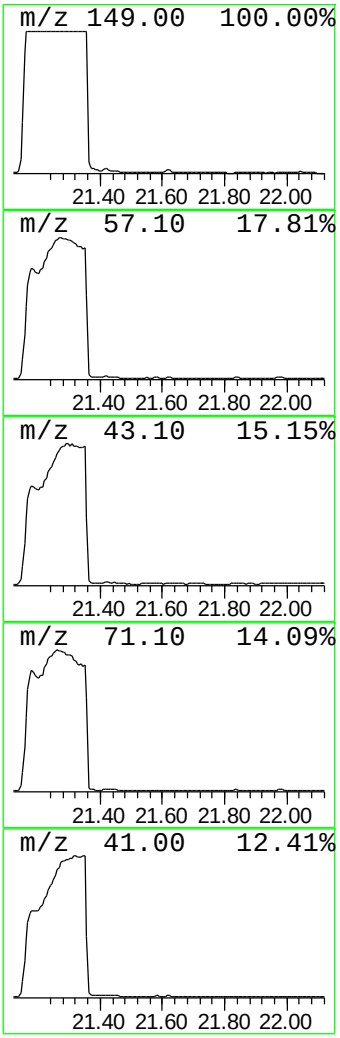
Peak Number 48 1,2-Benzenedicarboxylic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	19.65 ng/ul	556409	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	87
2	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	64
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	64
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	64
5	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110118\
Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	12.63	4.7	ng/ul	950381	3	14.29	4045520	20.0
(DEL) Alkane: Cyc...	12.69	7.4	ng/ul	1498020	3	14.29	4045520	20.0
(DEL) Alkane: Cyc...	12.93	6.8	ng/ul	1375660	3	14.29	4045520	20.0
1,1'-Biphenyl, 4-...	14.37	5.5	ng/ul	1109040	3	14.29	4045520	20.0
1,1'-Biphenyl, 4-...	14.41	11.6	ng/ul	2341630	3	14.29	4045520	20.0
4-Ethylbiphenyl	15.13	32.2	ng/ul	6511740	3	14.29	4045520	20.0
1,1'-Biphenyl, 4-...	15.66	1722.4	ng/ul	348403000	3	14.29	4045520	20.0
1,1'-Biphenyl, 3-...	15.95	301.8	ng/ul	272592000	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	16.02	2.9	ng/ul	2649050	4	17.04	18067700	20.0
unknown-01	16.13	6.3	ng/ul	5646530	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	16.17	8.2	ng/ul	7381870	4	17.04	18067700	20.0
1,1'-Biphenyl, 3,...	16.29	51.0	ng/ul	46083600	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	16.58	12.4	ng/ul	11197900	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	16.97	28.8	ng/ul	25968900	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	17.66	86.0	ng/ul	77722100	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	17.84	2.1	ng/ul	1908160	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	18.12	16.8	ng/ul	15176200	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	18.17	12.8	ng/ul	11584500	4	17.04	18067700	20.0
1,1'-Biphenyl, 3,...	18.89	5.5	ng/ul	5001020	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	18.98	8.0	ng/ul	7257870	4	17.04	18067700	20.0
1,1'-Biphenyl, 2,...	19.24	61.5	ng/ul	1739710	5	21.23	566241	20.0
1,1'-Biphenyl, 2,...	19.70	25.1	ng/ul	712161	5	21.23	566241	20.0
1,2-Benzenedicarb...	19.80	21.7	ng/ul	614604	5	21.23	566241	20.0
Benzene, 1,1'-(1-...	20.53	41.7	ng/ul	1181660	5	21.23	566241	20.0
1,2-Benzenedicarb...	20.96	1203.1	ng/ul	34061300	5	21.23	566241	20.0
unknown-02	21.59	15.2	ng/ul	430549	5	21.23	566241	20.0
1,2-Benzenedicarb...	21.62	19.6	ng/ul	556409	5	21.23	566241	20.0