LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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	4.993	335	341	350	rBV	119836	196131	1.58%	0.132%
2	5.304	389	394	404	rBV	77884	138835	1.12%	0.094%
3	5.646	445	452	460	rBV2	499573	864727	6.97%	0.583%
4	6.822	647	652	669	rVB2	361238	793716	6.40%	0.535%
5	6.969	671	677	688	rBV	322709	512933	4.13%	0.346%
6	7.169	705	711	719	rBV	397073	670576	5.41%	0.452%
7	7.622	778	788	795	rBV	424177	698497	5.63%	0.471%
8	8.345	904	911	921	rBV	421094	777031	6.26%	0.523%
9	8.445	922	928	934	rVB	100813	172393	1.39%	0.116%
10	8.716	968	974	978	rBV2	100343	161642	1.30%	0.109%
11	8.775	978	984	992	rVB	384862	643384	5.19%	0.433%
12	9.492	1099	1106	1119	rBV	326733	573928	4.63%	0.387%
13	10.039	1192	1199	1208	rBV	449261	879251	7.09%	0.592%
14	10.392	1251	1259	1265	rBV	642822	1095985	8.83%	0.738%
15	10.545	1278	1285	1305	rBV	322769	671965	5.42%	0.453%
16	13.675	1812	1817	1821	rBV	908152	1290262	10.40%	0.869%
17	13.722	1821	1825	1830	rVB	683811	940130	7.58%	0.633%
18	13.951	1855	1864	1870	rBV	1183998	1857753	14.97%	1.252%
19	13.998	1870	1872	1884	rVB4	90714	136367	1.10%	0.092%
20	14.263	1910	1917	1921	rBV2	1012999	1630148	13.14%	1.098%
21	14.327	1926	1928	1936	rVB	145728	180989	1.46%	0.122%
22	14.522	1956	1961	1969	rBV	192738	420516	3.39%	0.283%
23	14.669	1980	1986	1990	rBV	92977	143245	1.15%	0.097%
24	15.263	2081	2087	2093	rBV	1566597	2205962	17.78%	1.486%
25	15.316	2093	2096	2101	rVB2	114705	154654	1.25%	0.104%
26	15.410	2108	2112	2121	rBV2	180543	330991	2.67%	0.223%
27	15.998	2207	2212	2225	rVB5	65874	181783	1.47%	0.122%
28	16.204	2243	2247	2250	rBV	76875	124186	1.00%	0.084%
29	16.369	2270	2275	2279	rBV	252387	340446	2.74%	0.229%
30	16.527	2298	2302	2306	rBV	726513	877158	7.07%	0.591%
31	16.580	2306	2311	2314	rVV	308283	554059	4.47%	0.373%
32	16.621	2314	2318	2323	rVB	699920	947908	7.64%	0.639%
33	16.680	2324	2328	2336	rVB	89221	145856	1.18%	0.098%
34	16.786	2336	2346	2350	rBV	1582899	2081185	16.78%	1.402%

LSC Area Percent Report

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Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

35	16.833	2350	2354	2359	rVB2	174249	256467	2.07%	0.173%
36	16.892	2359	2364	2369	rBV	512561	672887	5.42%	0.453%
37	17.016	2380	2385	2389	rBV	1203944	1739690	14.02%	1.172%
38	17.063	2389	2393	2397	rVV	2213090	2995652	24.15%	2.018%
39	17.116	2397	2402	2406	rVV	1648694	2412160	19.44%	1.625%
40	17.151	2406	2408	2412	rVB	531069	568235	4.58%	0.383%
41	17.427	2451	2455	2460	rVB	309694	429248	3.46%	0.289%
42	17.604	2481	2485	2493	rVB6	90816	191994	1.55%	0.129%
43	17.721	2500	2505	2514	rVB	703266	1077147	8.68%	0.726%
44	17.892	2530	2534	2537	rBV	271024	381077	3.07%	0.257%
45	17.933	2537	2541	2546	rVB2	634271	1091617	8.80%	0.735%
46	17.992	2546	2551	2554	rBV	848932	1025953	8.27%	0.691%
47	18.021	2554	2556	2561	rVB	172141	205818	1.66%	0.139%
48	18.086	2561	2567	2571	rBV3	916254	1426410	11.50%	0.961%
49	18.374	2612	2616	2618	rBV	217546	313819	2.53%	0.211%
50	18.398	2618	2620	2624	rVV	276484	330543	2.66%	0.223%
51	18.451	2625	2629	2633	rVB2	244262	337729	2.72%	0.228%
52	18.645	2660	2662	2666	rVB2	130649	150080	1.21%	0.101%
53	18.739	2675	2678	2681	rBV	110722	150316	1.21%	0.101%
54	18.821	2687	2692	2696	rBV	260746	449804	3.63%	0.303%
55	18.945	2710	2713	2722	rVB3	431569	928577	7.48%	0.626%
56	19.092	2731	2738	2744	rBV	5590835	8005608	64.53%	5.393%
57	19.186	2751	2754	2757	rBV	230129	286943	2.31%	0.193%
58	19.227	2757	2761	2766	rVB3	726990	1076892	8.68%	0.725%
59	19.298	2769	2773	2776	rBV3	215568	342895	2.76%	0.231%
60	19.421	2789	2794	2796	rBV2	2479531	3449390	27.80%	2.324%
61	19.457	2796	2800	2808	rVB	5786904	8290261	66.82%	5.585%
62	19.568	2816	2819	2824	rVB2	321055	361422	2.91%	0.243%
63	19.633	2827	2830	2833	rVV	375929	563412	4.54%	0.380%
64	19.680	2834	2838	2846	rVB2	861168	1659452	13.38%	1.118%
65	19.951	2881	2884	2888	rVB	794711	1002978	8.08%	0.676%
66	19.998	2889	2892	2895	rVB2	344539	384878	3.10%	0.259%
67	20.051	2898	2901	2905	rBV	469474	542848	4.38%	0.366%
68	20.227	2928	2931	2933	rBV2	375351	408224	3.29%	0.275%
69	20.357	2950	2953	2960	rVB	1454564	1811165	14.60%	1.220%
70	20.651	3000	3003	3007	rBV2	576847	806139	6.50%	0.543%
71	20.692	3007	3010	3019	rVB3	1813457	2768793	22.32%	1.865%

LSC Area Percent Report

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Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

72	20.868	3038	3040	3044	rVB2	691798	776709	6.26%	0.523%
73	20.921	3044	3049	3052	rBV2	2255415	3130474	25.23%	2.109%
74	21.009	3061	3064	3074	rVB	623503	970491	7.82%	0.654%
75	21.145	3083	3087	3092	rBV	10417470	12405973	100.00%	8.358%
76	21.215	3095	3099	3104	rVV2	3816892	7154539	57.67%	4.820%
77	21.268	3104	3108	3118	rVB	7252719	10160267	81.90%	6.845%
78	21.392	3124	3129	3133	rBV2	2256142	3108887	25.06%	2.094%
79	21.445	3134	3138	3142	rVV	3090870	3697452	29.80%	2.491%
80	21.486	3142	3145	3147	rVV2	1165291	1379644	11.12%	0.929%
81	21.515	3148	3150	3153	rVV	994997	1177295	9.49%	0.793%
82	21.580	3157	3161	3166	rVB	2228775	2647008	21.34%	1.783%
83	22.792	3360	3367	3372	rBV	4198061	9898980	79.79%	6.669%
84	23.262	3441	3447	3451	rBV	2963406	5410606	43.61%	3.645%
85	23.309	3451	3455	3458	rVV	1104525	1885109	15.20%	1.270%
86	23.356	3458	3463	3472	rVB	2402606	4215752	33.98%	2.840%
87	25.662	3847	3855	3863	rVB2	1541982	4428414	35.70%	2.983%
88	26.344	3963	3971	3982	rVB	1266601	3698306	29.81%	2.491%

Sum of corrected areas: 148437021

LSC Report - Integrated Chromatogram

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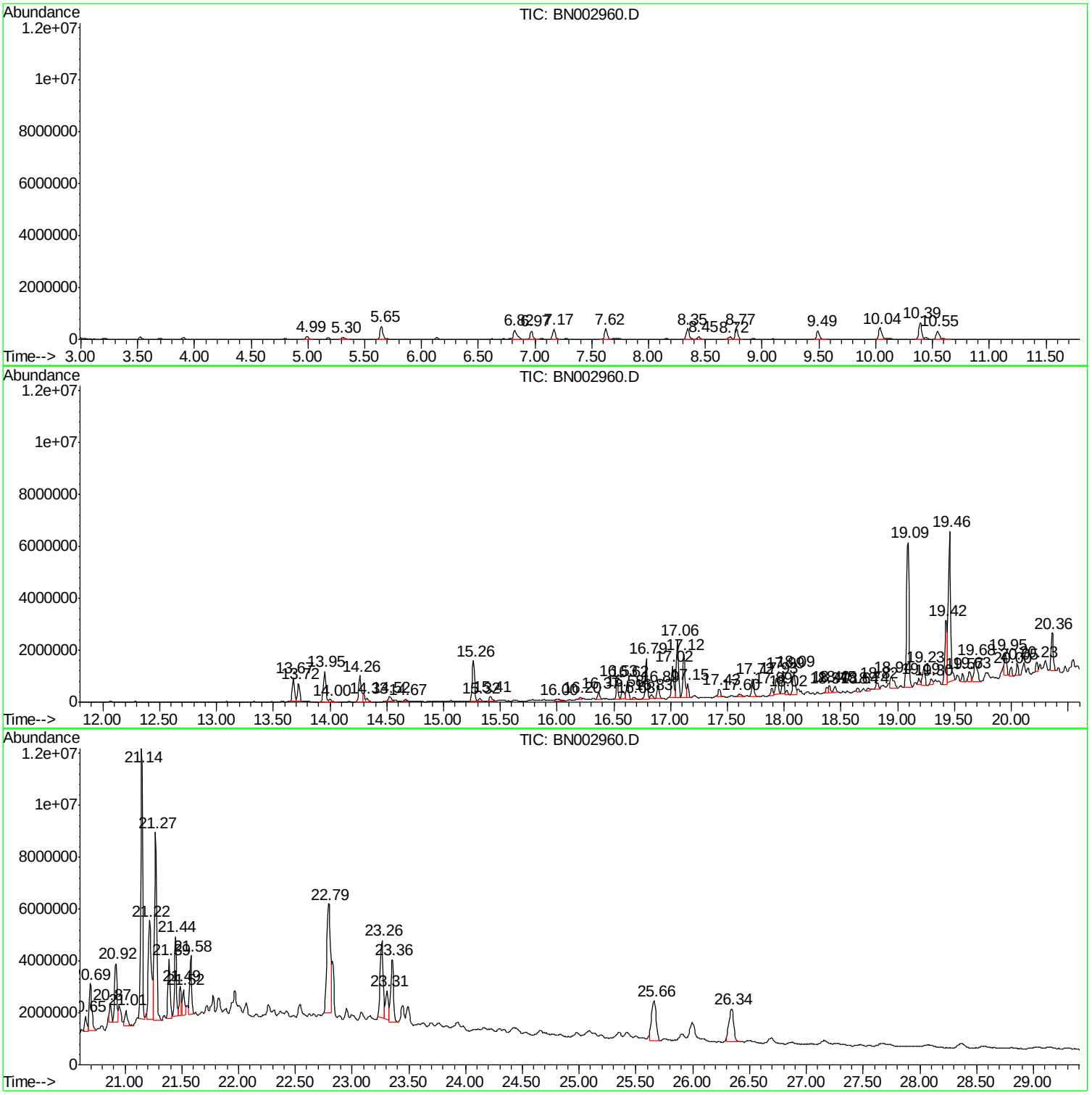
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

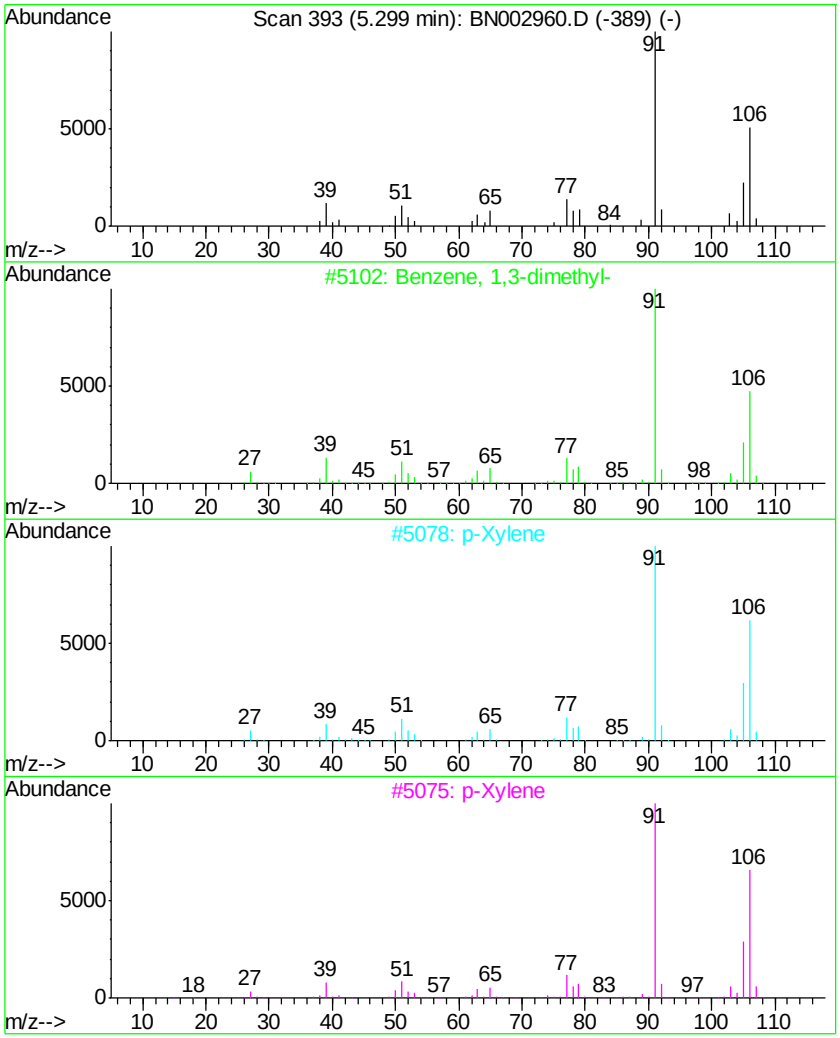
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

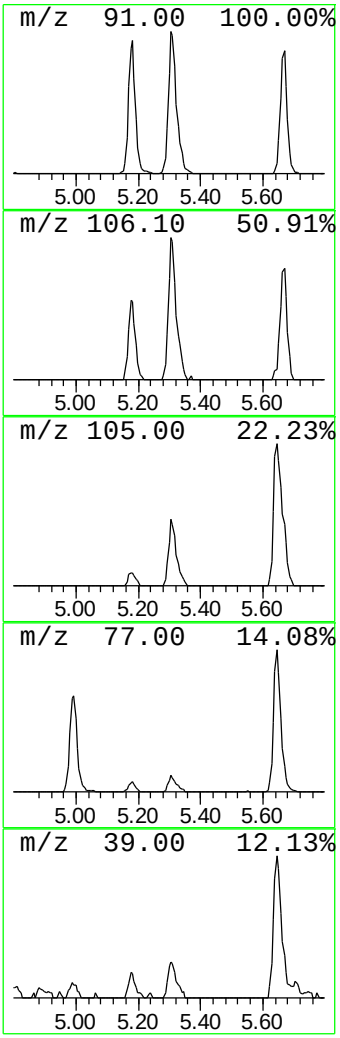
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	3.98 ng/ul	138835	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

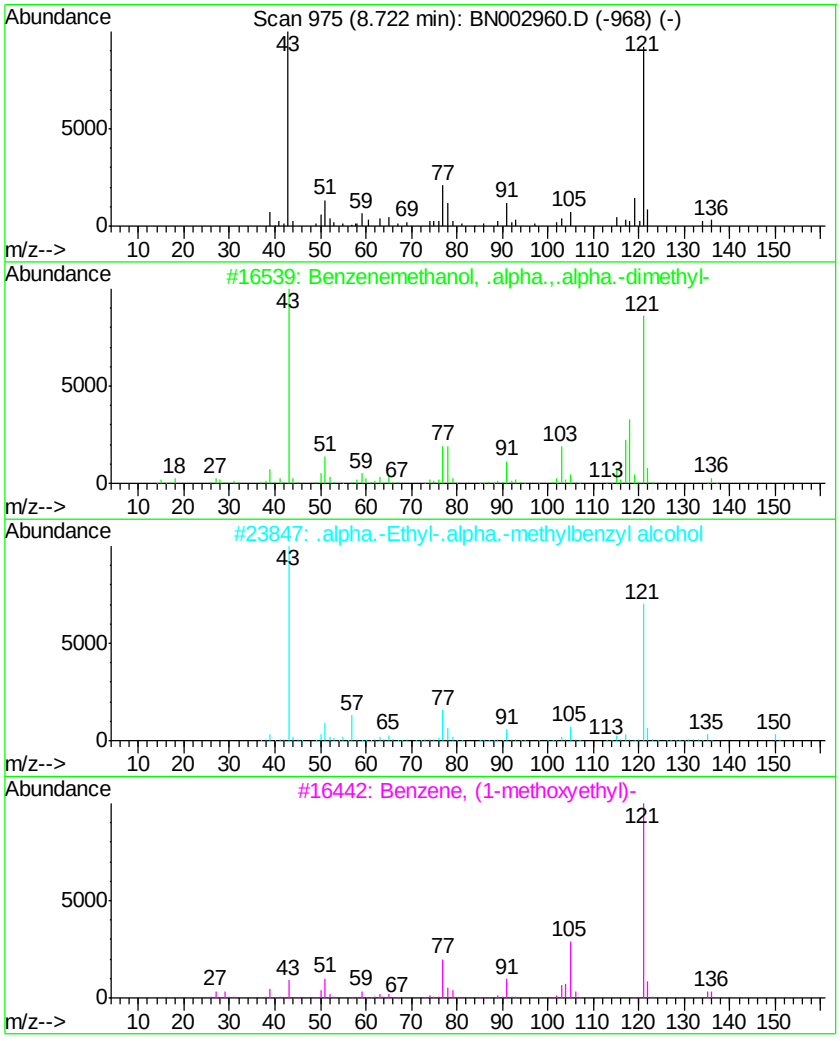
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

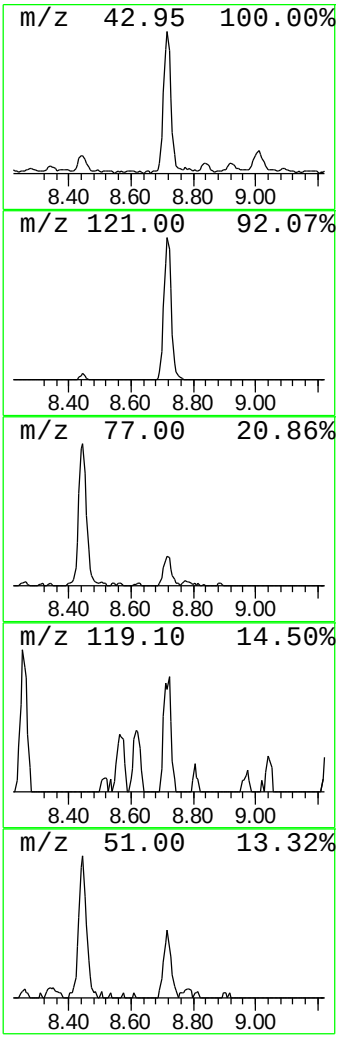
****

Peak Number 4 Benzenemethanol, .alpha.,.a... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.63 ng/ul	161642	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	74
2	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	72
3	Benzene, (1-methoxyethyl)-	136	C9H12O	004013-34-7	72
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	64
5	Threo-.beta.-methoxy-dl-phenylal...	195	C10H13NO3	1000250-97-1	64





Library Search Compound Report

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Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

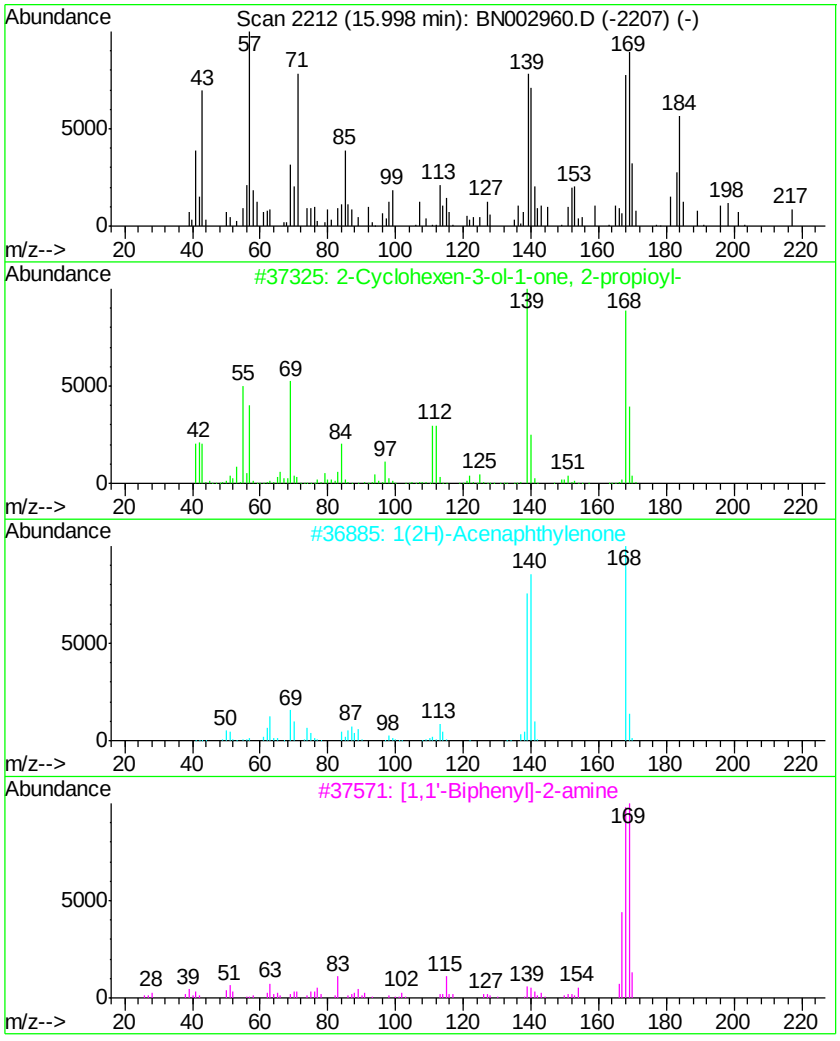
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

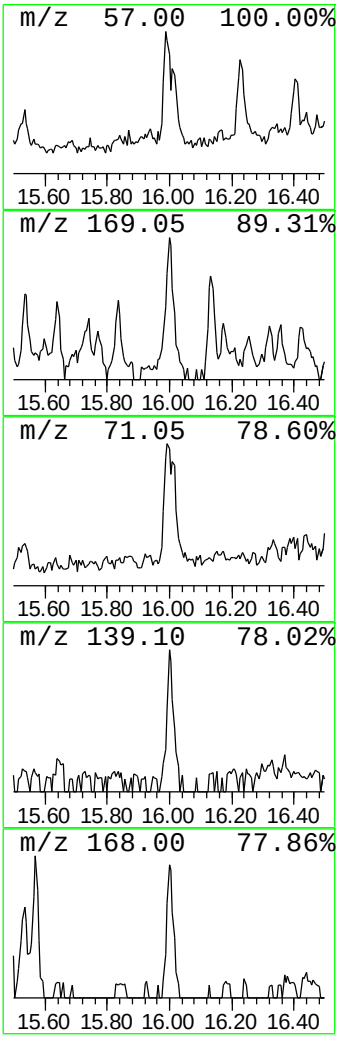
****

Peak Number 5 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.09 ng/ul	181783	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	30
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	30
3	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	25
4	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	25
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	25





Library Search Compound Report

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Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

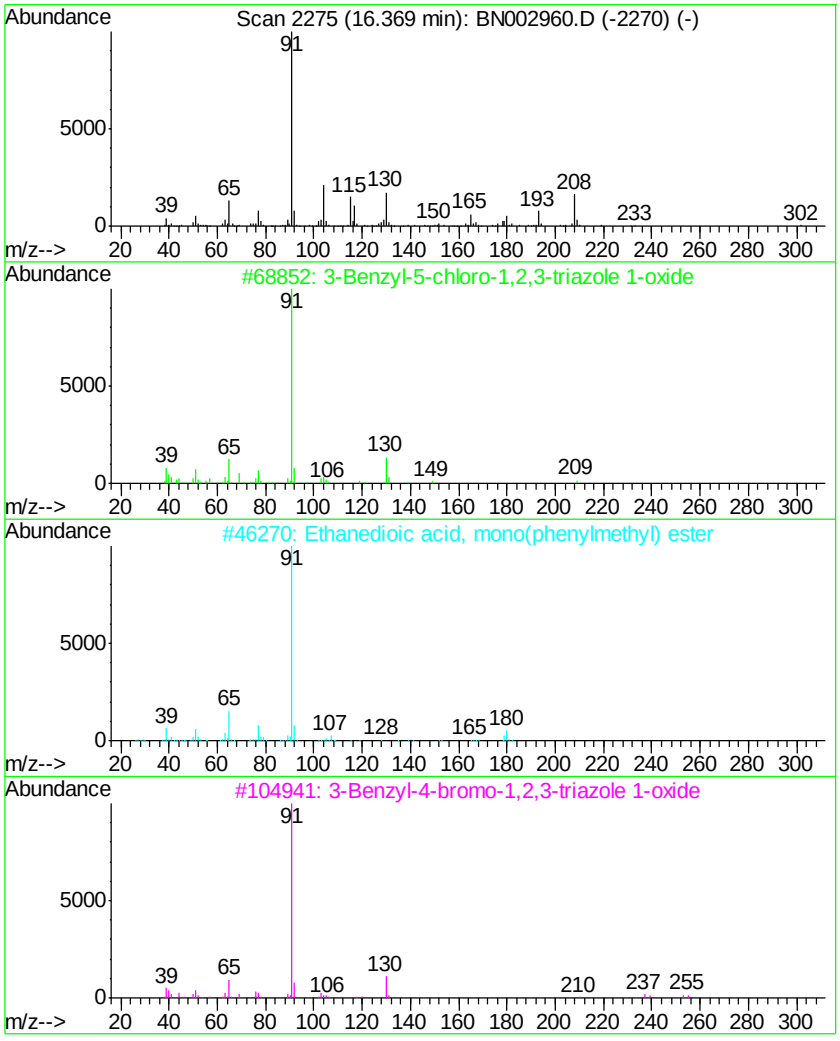
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

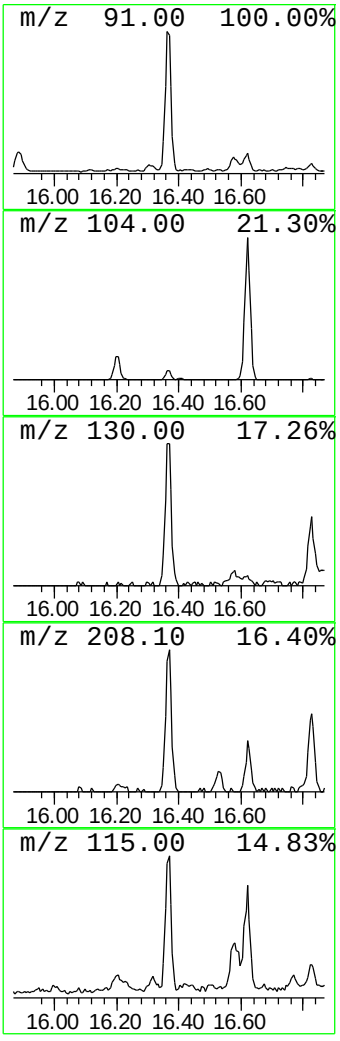
****

Peak Number 6 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.91 ng/ul	340446	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	25
2	Ethanedioic acid, mono(phenylmet...	180	C9H8O4	035448-14-7	25
3	3-Benzyl-4-bromo-1,2,3-triazole ...	253	C9H8BrN3O	1000099-47-9	22
4	3-Benzyl-4-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-63-9	20
5	Methoxyacetic acid, benzyl ester	180	C10H12O3	032786-24-6	14





Library Search Compound Report

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Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

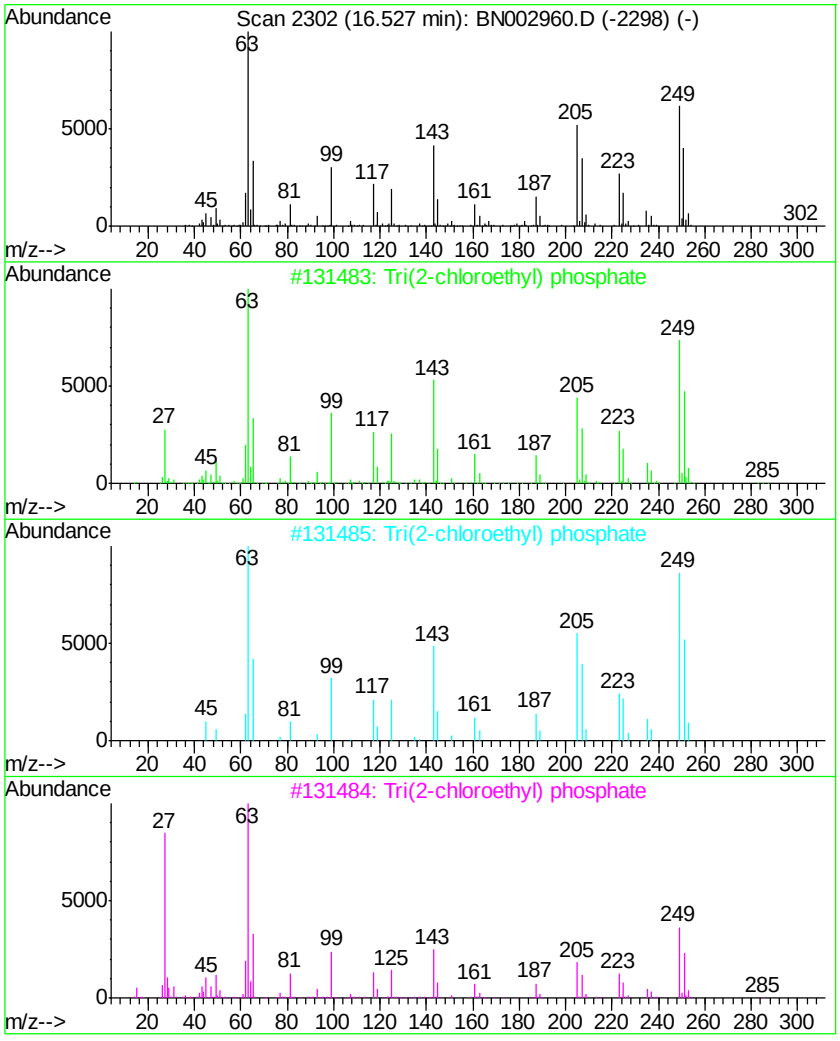
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

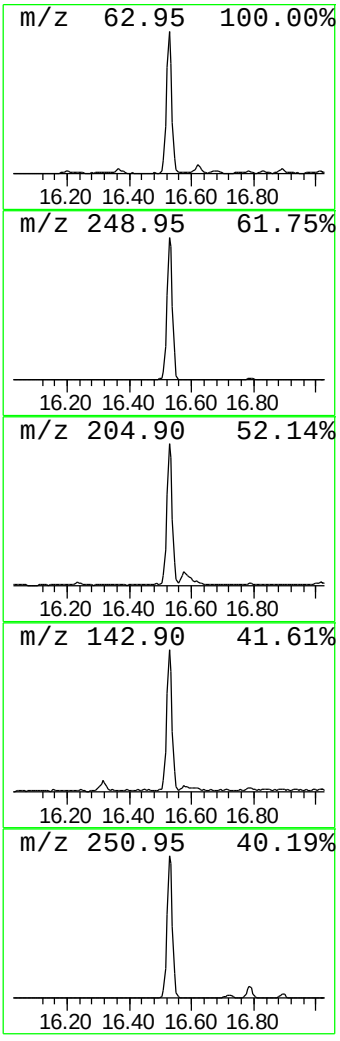
****

Peak Number 7 Tri(2-chloroethyl) phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	10.08 ng/ul	877158	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
3	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	52
4	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	47
5	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	47





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Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

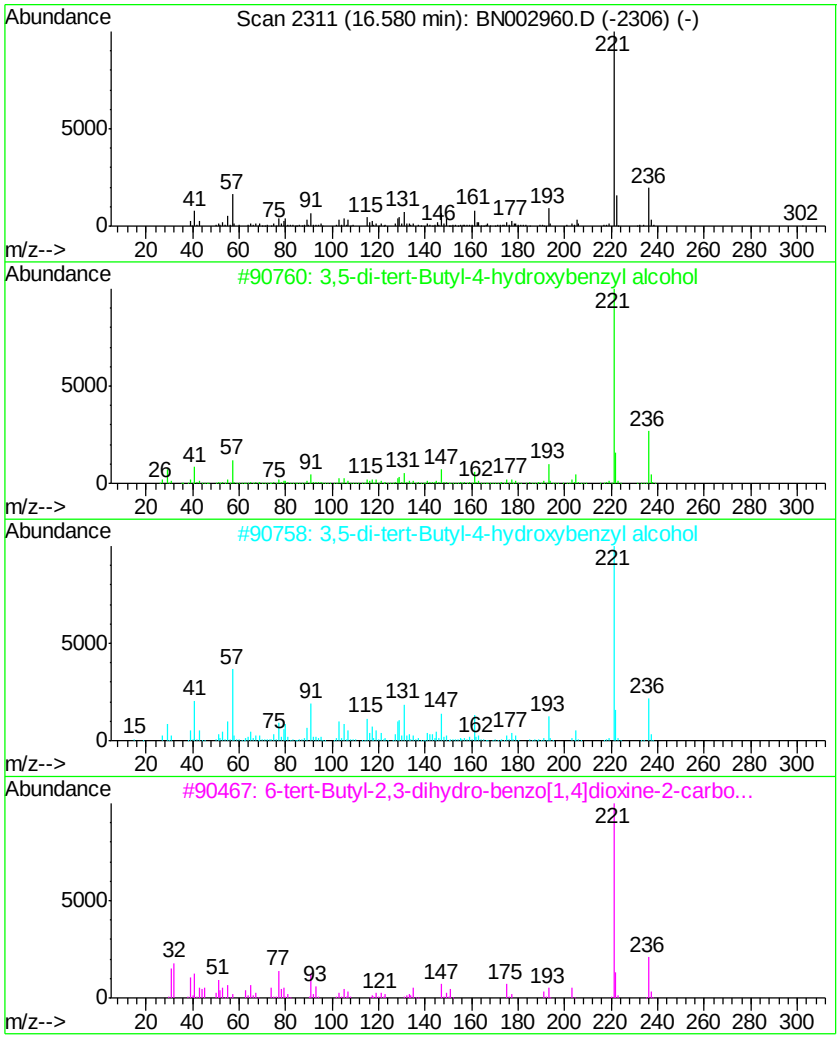
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

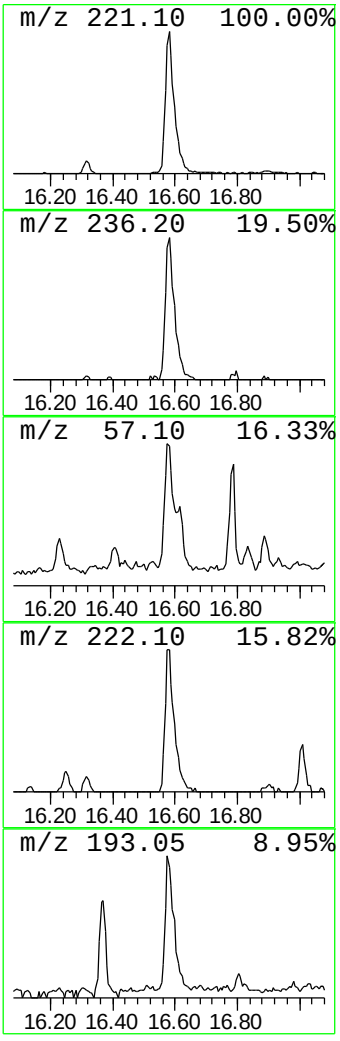
****

Peak Number 8 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	6.37 ng/ul	554059	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	92
2	3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	91
3	6-tert-Butyl-2,3-dihydro-benzo[1...	236	C13H16O4	1000318-31-4	86
4	Methazolamide	236	C5H8N4O3S2	000554-57-4	64
5	Methazolamide	236	C5H8N4O3S2	000554-57-4	64





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Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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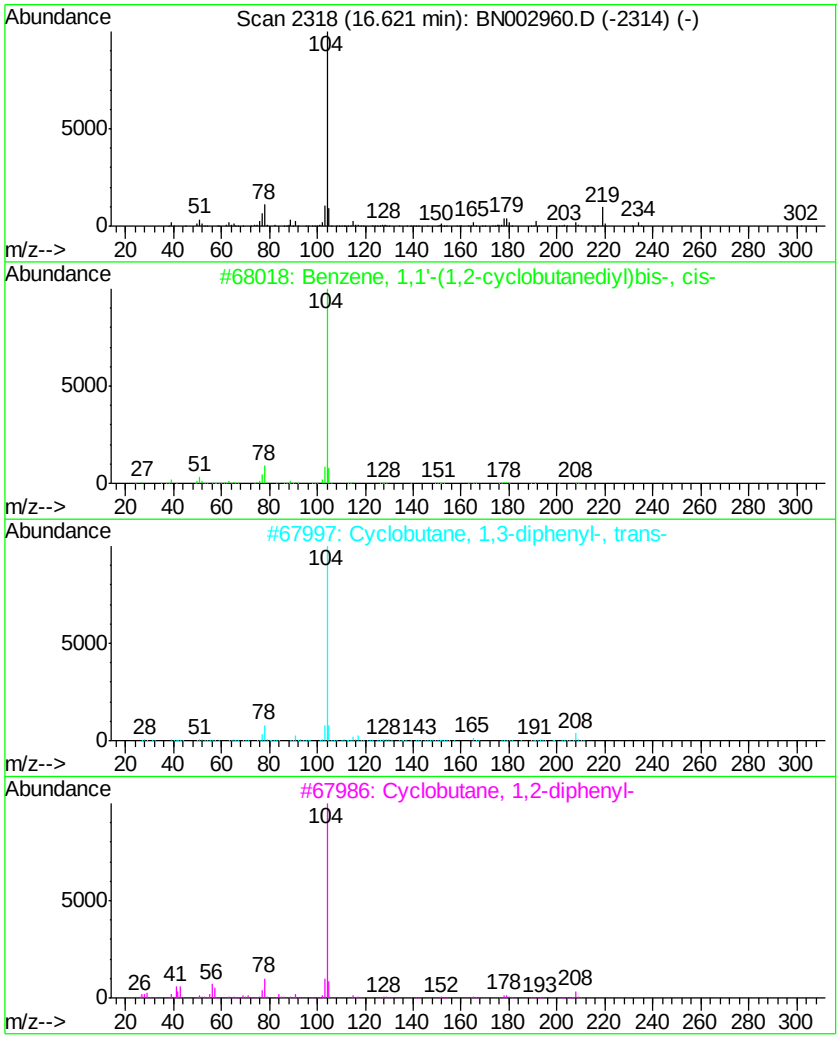
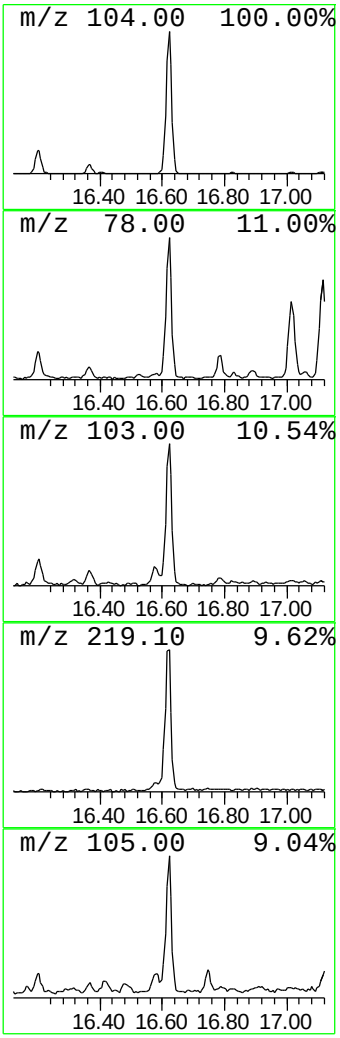
Peak Number 9 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	10.90 ng/ul	947908	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	80
2	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	59
3	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	50
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	49
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	45





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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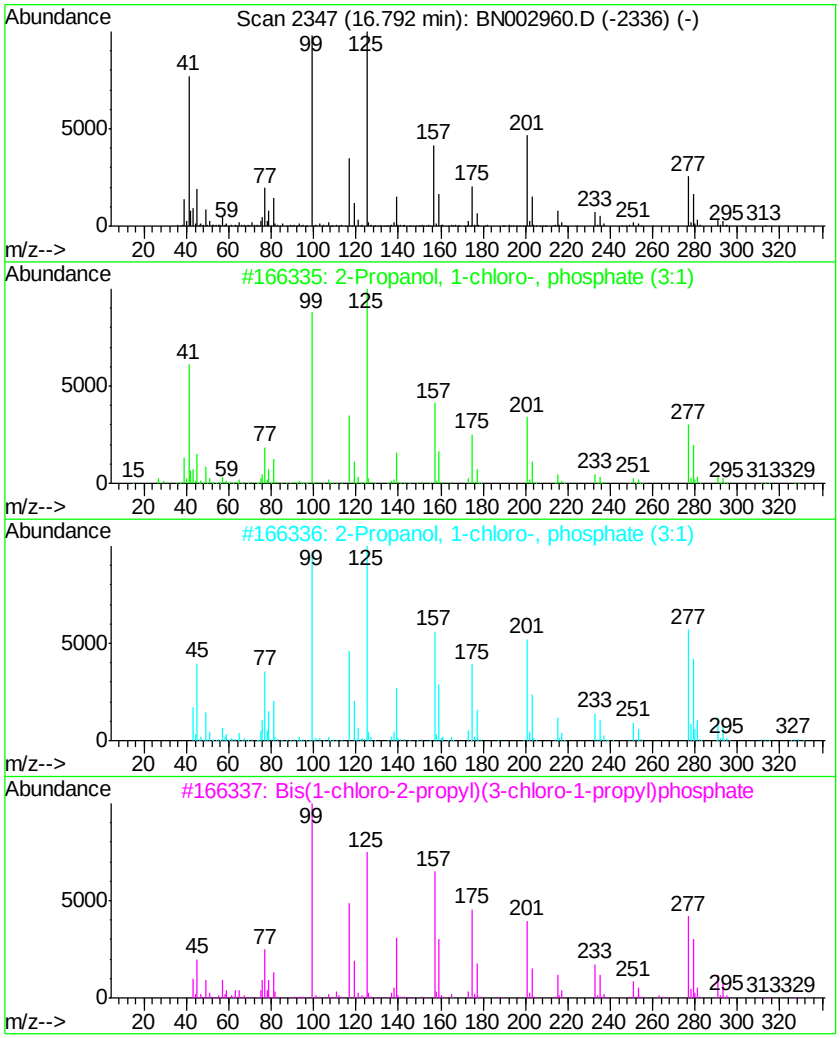
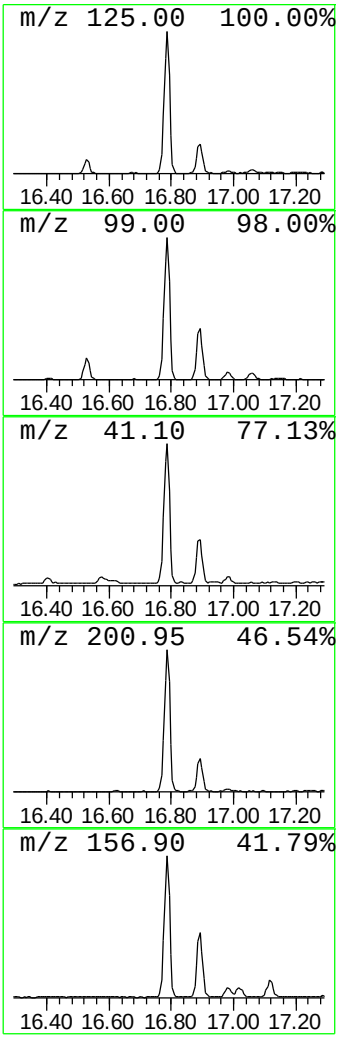
Peak Number 10 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	23.93 ng/ul	2081190	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	32
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
5	Succinimide	99	C4H5NO2	000123-56-8	9





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ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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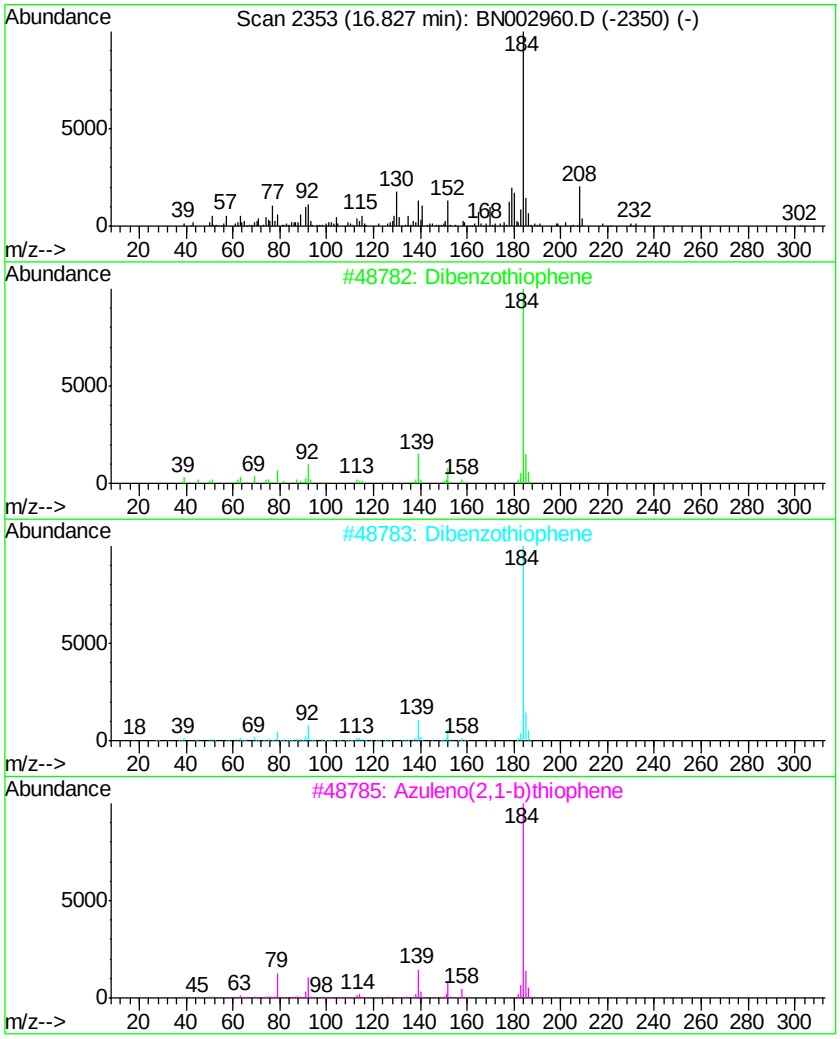
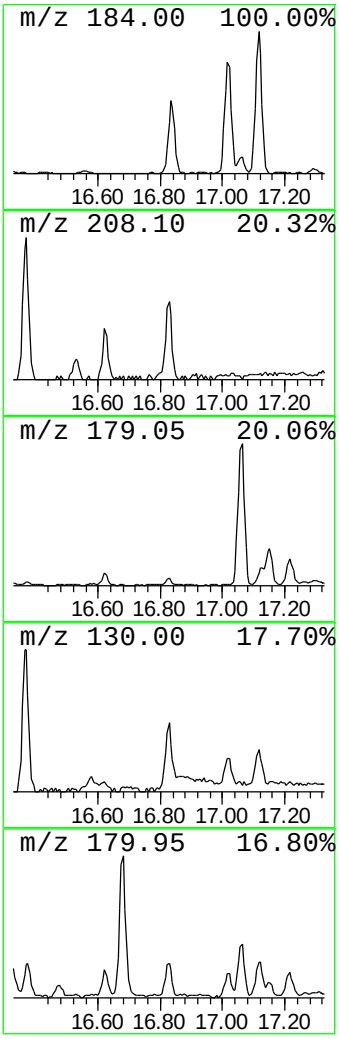
Peak Number 11 Dibenzothiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.95 ng/ul	256467	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	89
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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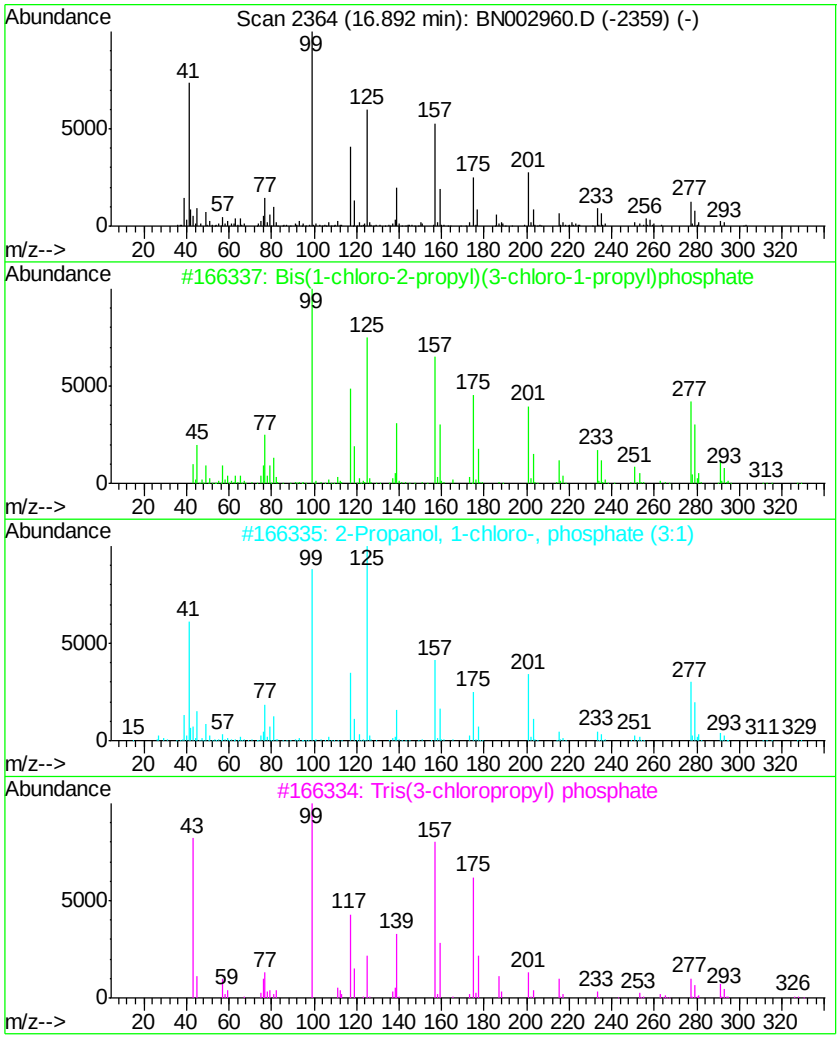
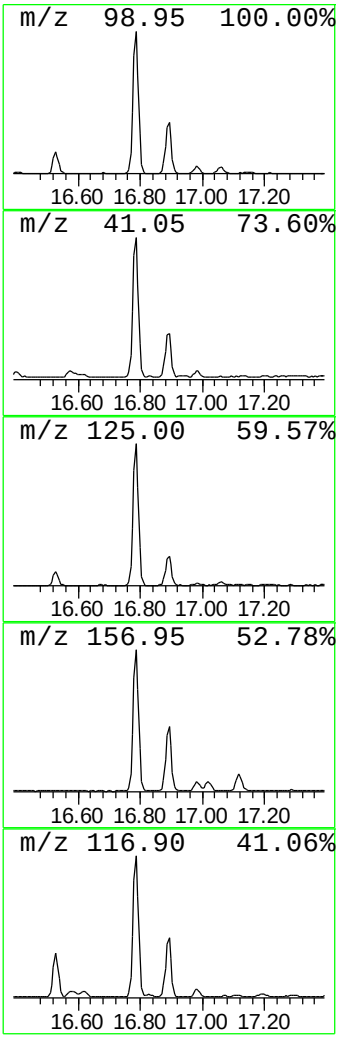
Peak Number 12 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	7.74 ng/ul	672887	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	91
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	43
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	33
4	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	27
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
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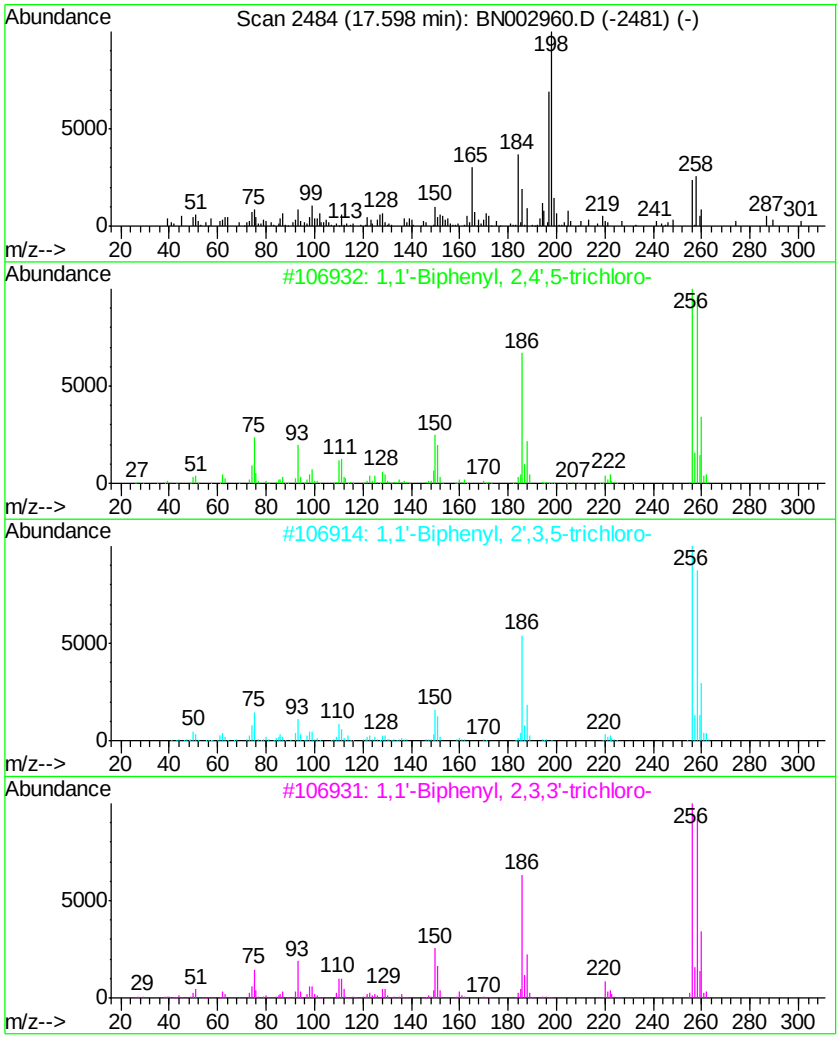
Quant Title : SVOA CALIBRATION

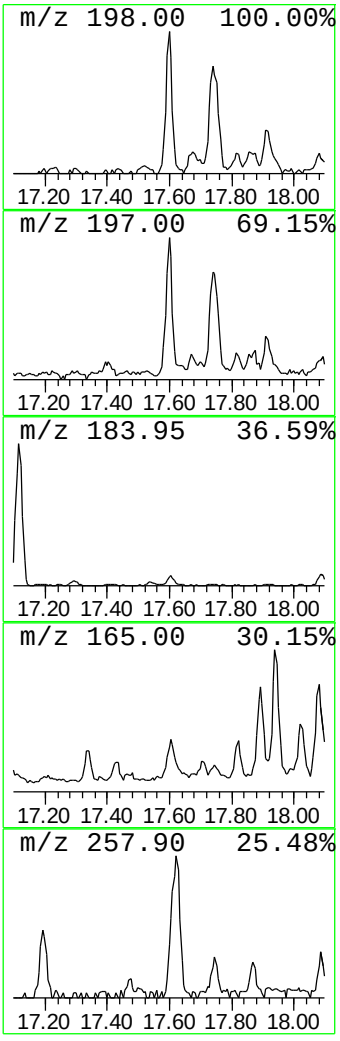
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	2.21 ng/ul	191994	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	91
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	78
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	74
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	74
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	70





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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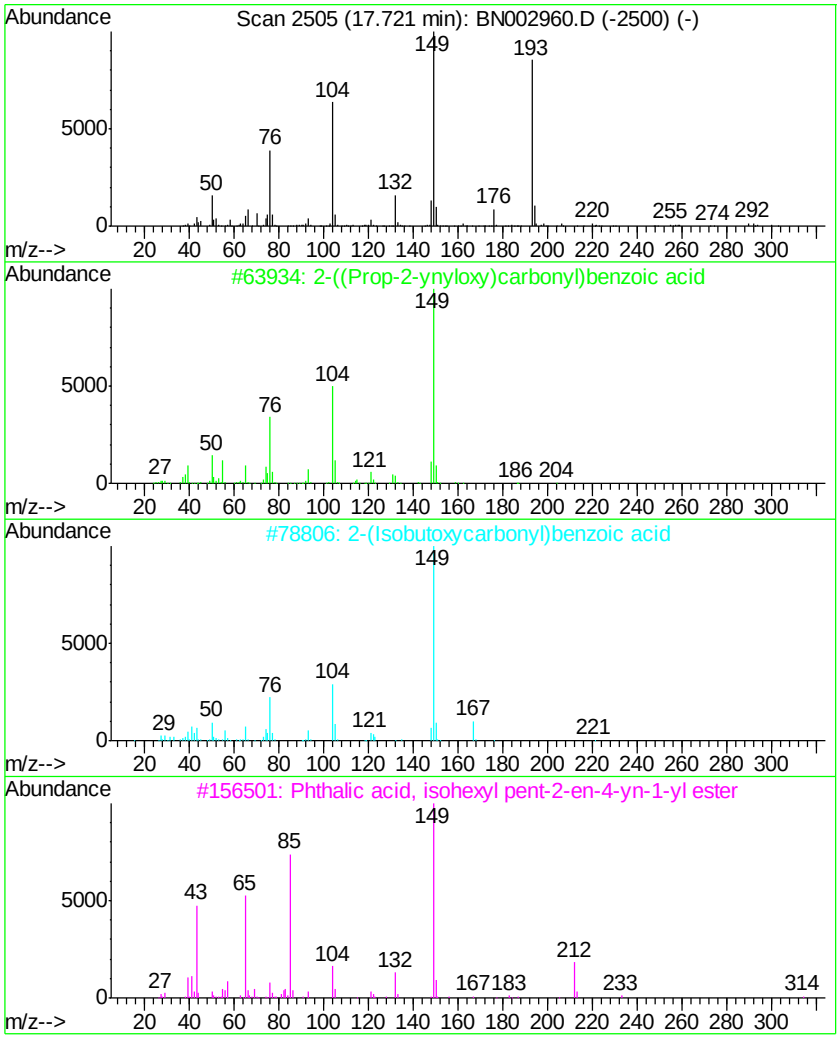
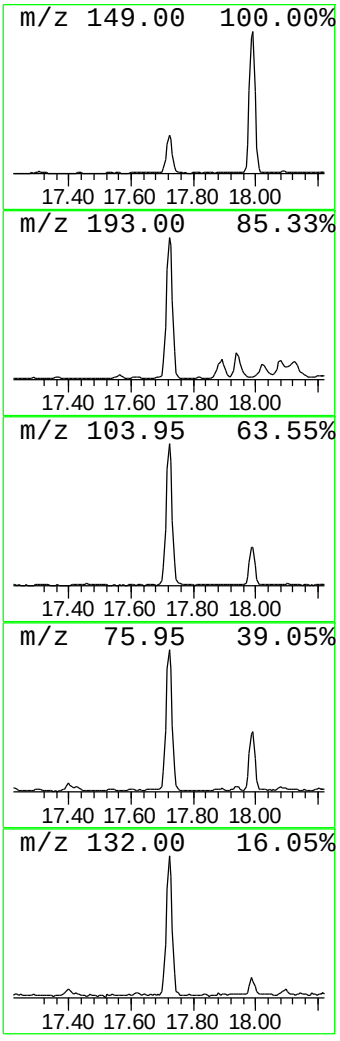
Peak Number 14 2-((Prop-2-ynyloxy)carbonyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	12.38 ng/ul	1077150	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	52
2	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	38
3	Phthalic acid, isohexyl pent-2-e...	314	C19H22O4	1000315-45-7	27
4	2-((2-Chloroethoxy)carbonyl)benz...	228	C10H9ClO4	1000373-53-5	27
5	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	25





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Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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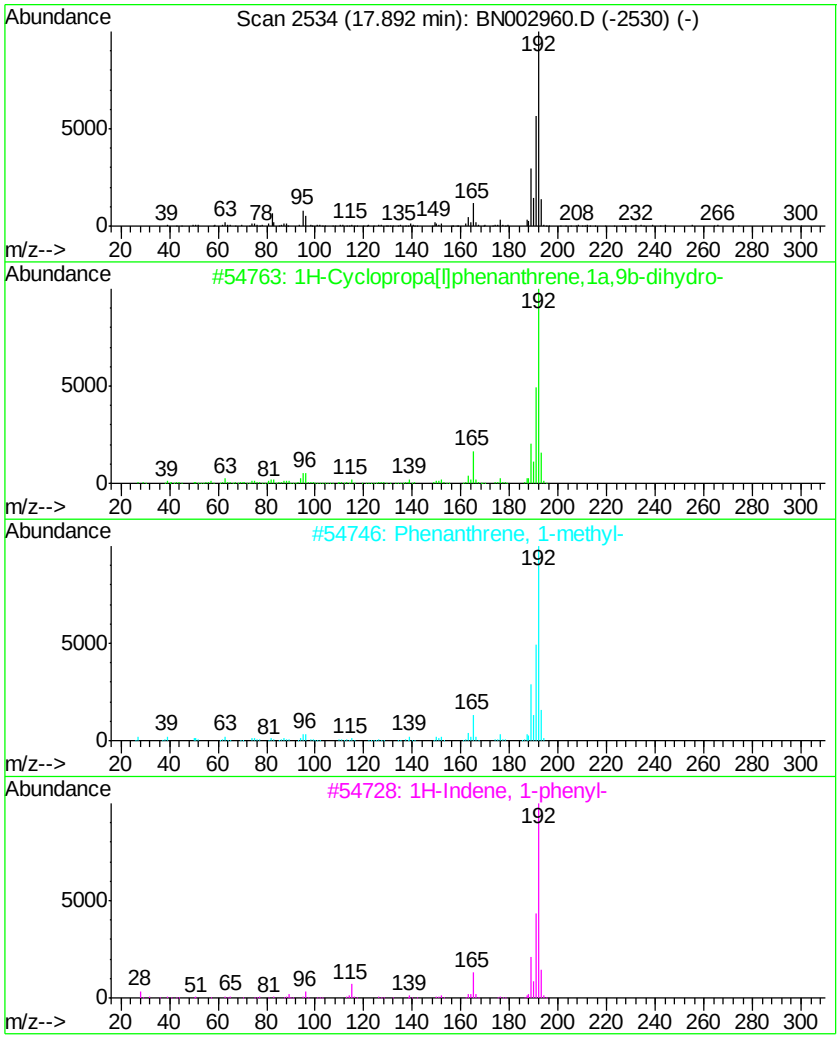
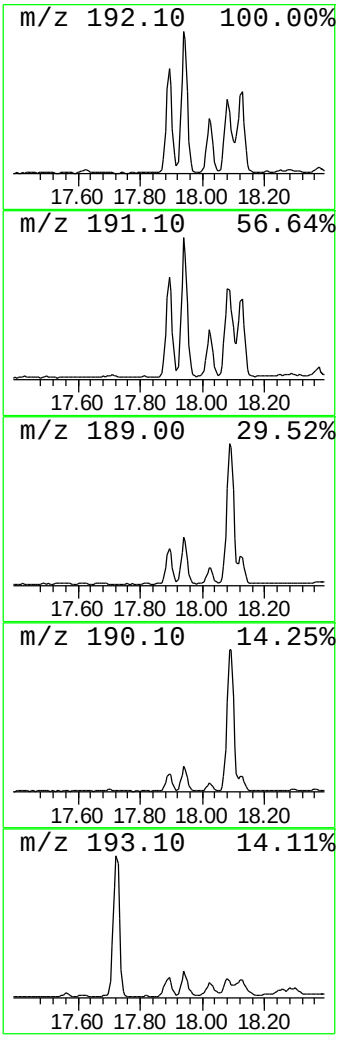
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.38 ng/ul	381077	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Quant Title : SVOA CALIBRATION

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

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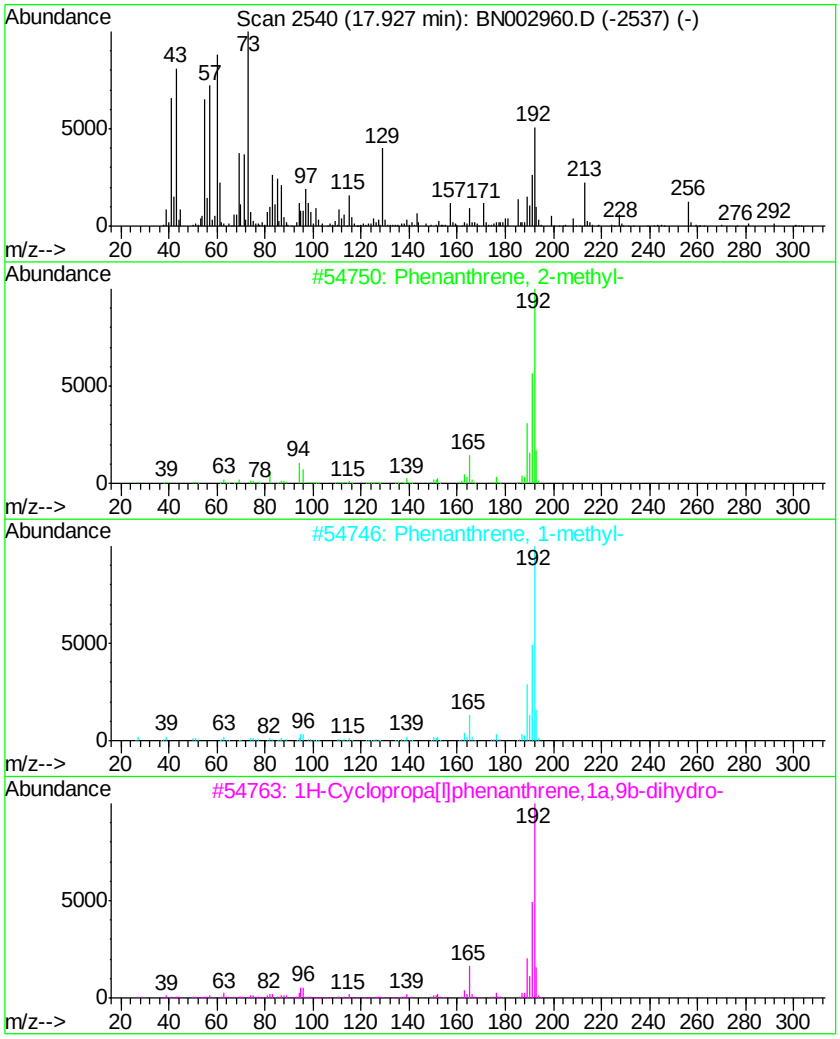
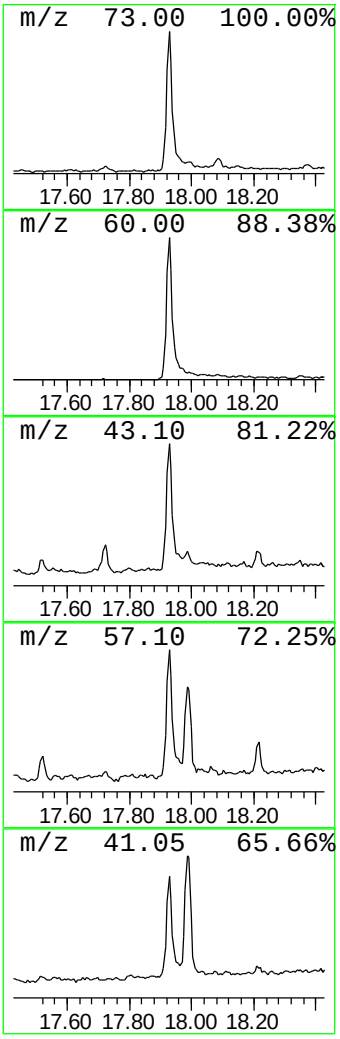
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	12.55 ng/ul	1091620	Phenanthrene-d10	17.02

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Quant Title : SVOA CALIBRATION

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

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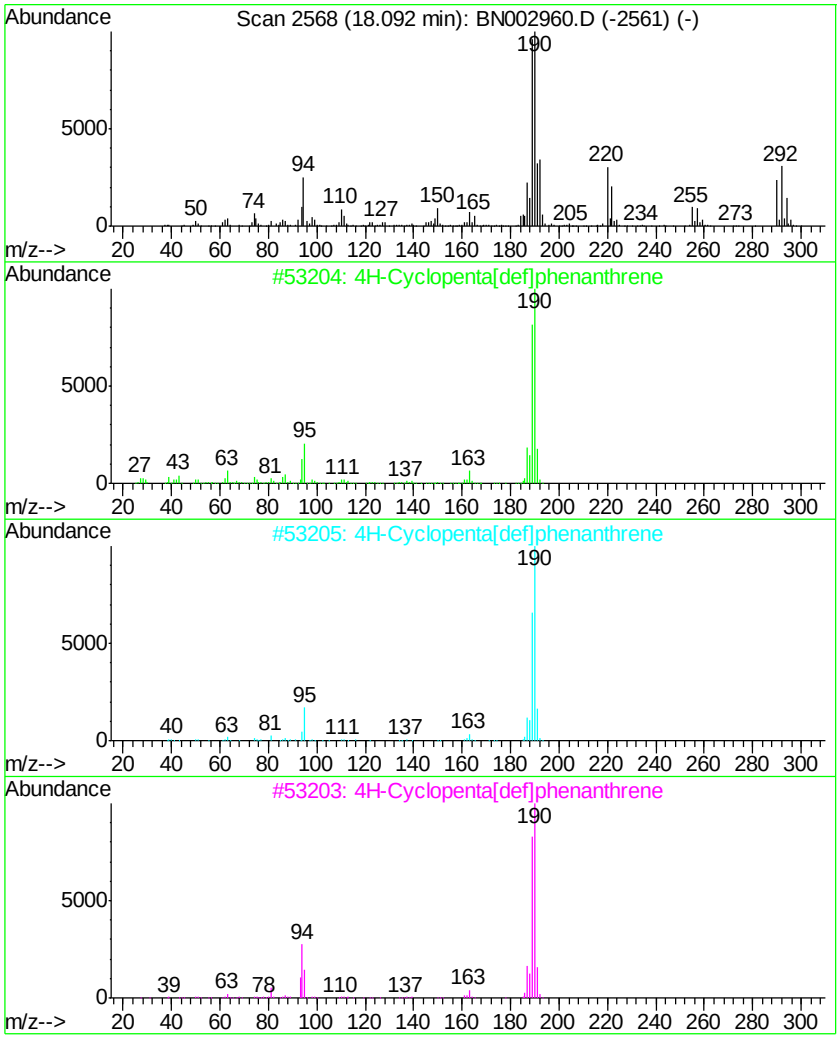
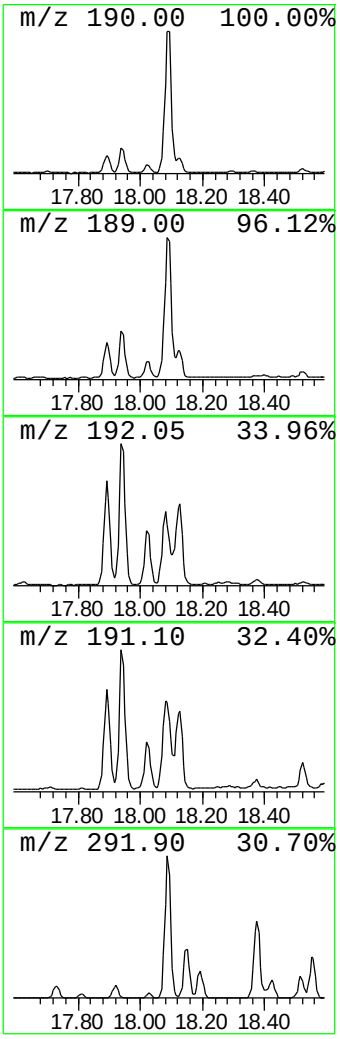
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	16.40 ng/ul	1426410	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Quant Title : SVOA CALIBRATION

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

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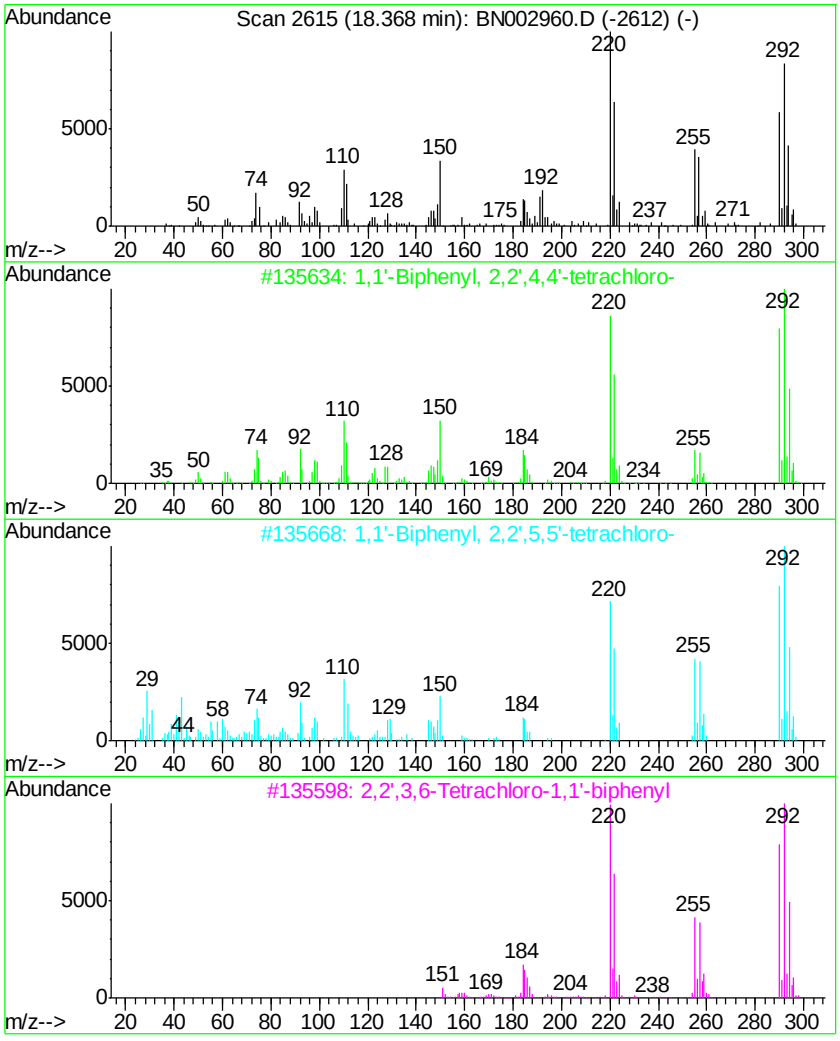
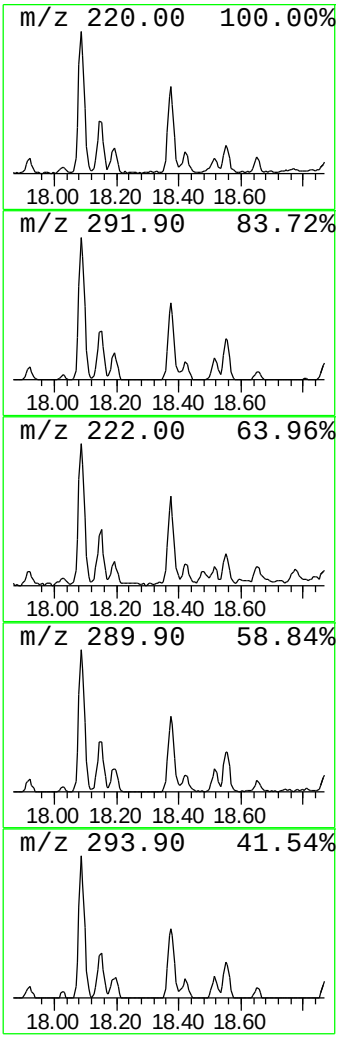
Peak Number 18 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.61 ng/ul	313819	Phenanthrene-d10	17.02

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, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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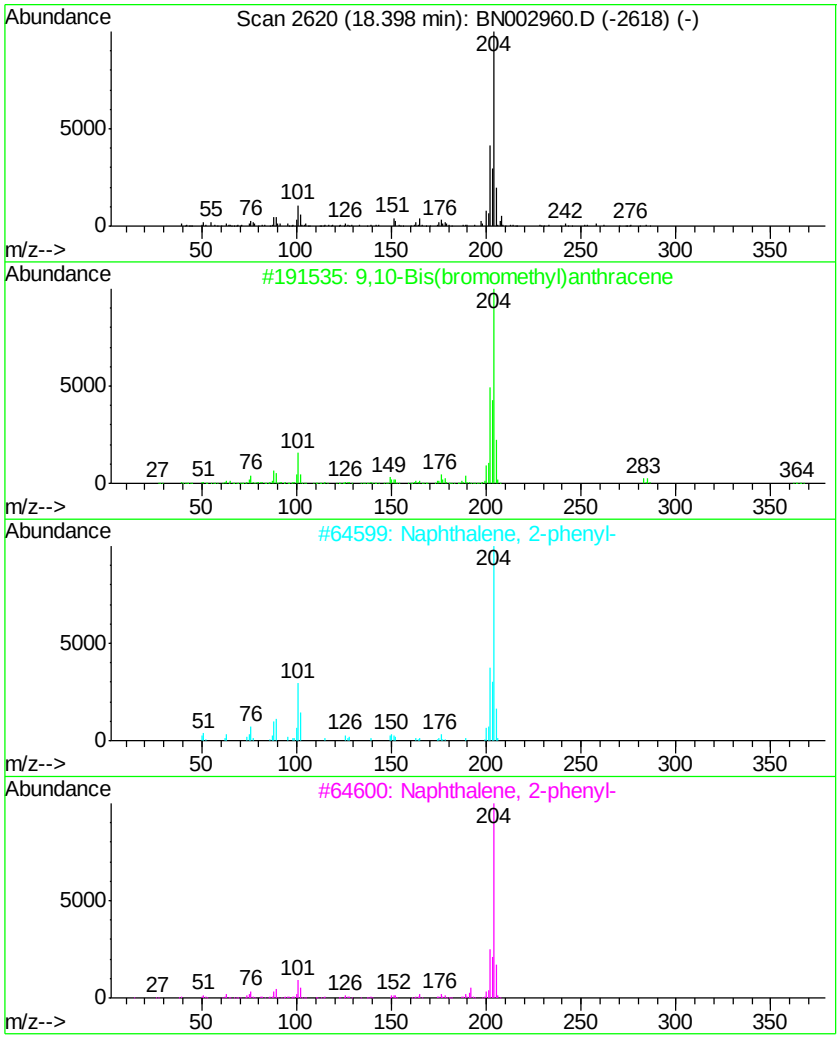
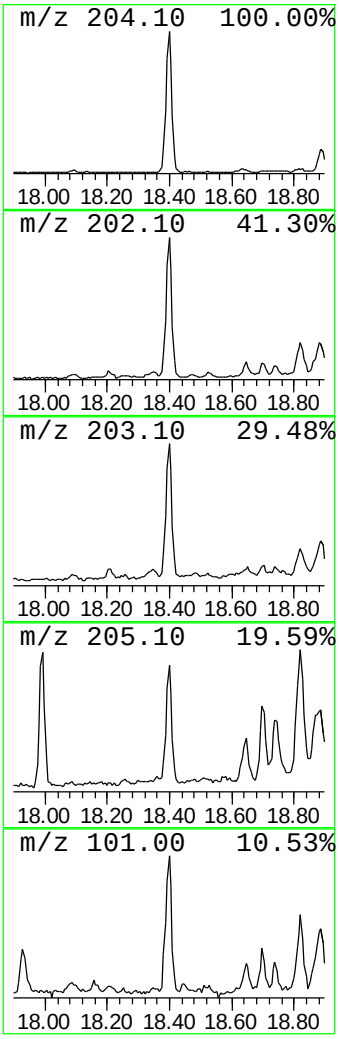
Peak Number 19 9,10-Bis(bromomethyl)anthra... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.80 ng/ul	330543	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64





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Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

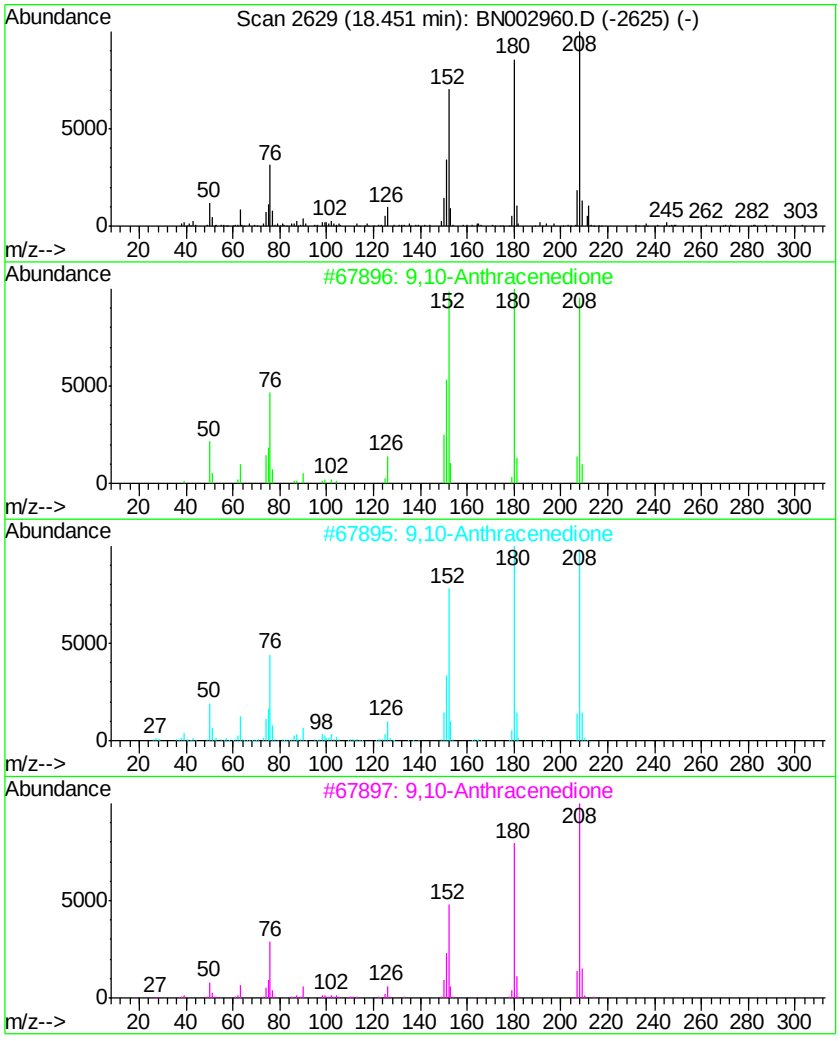
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

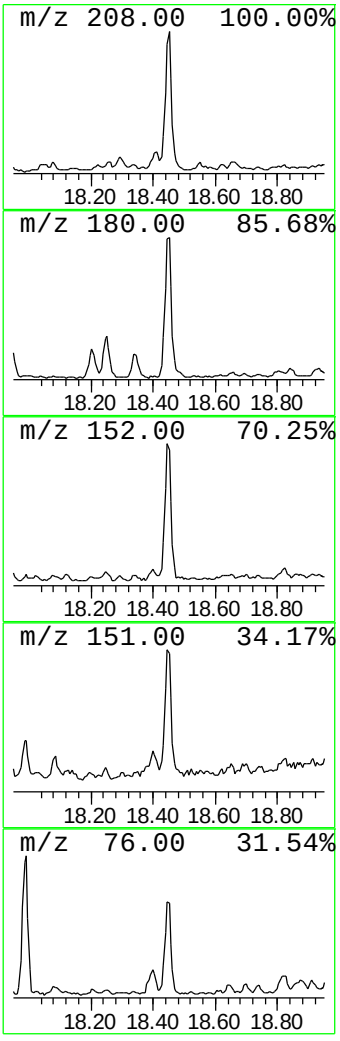
****

Peak Number 20 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.88 ng/ul	337729	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

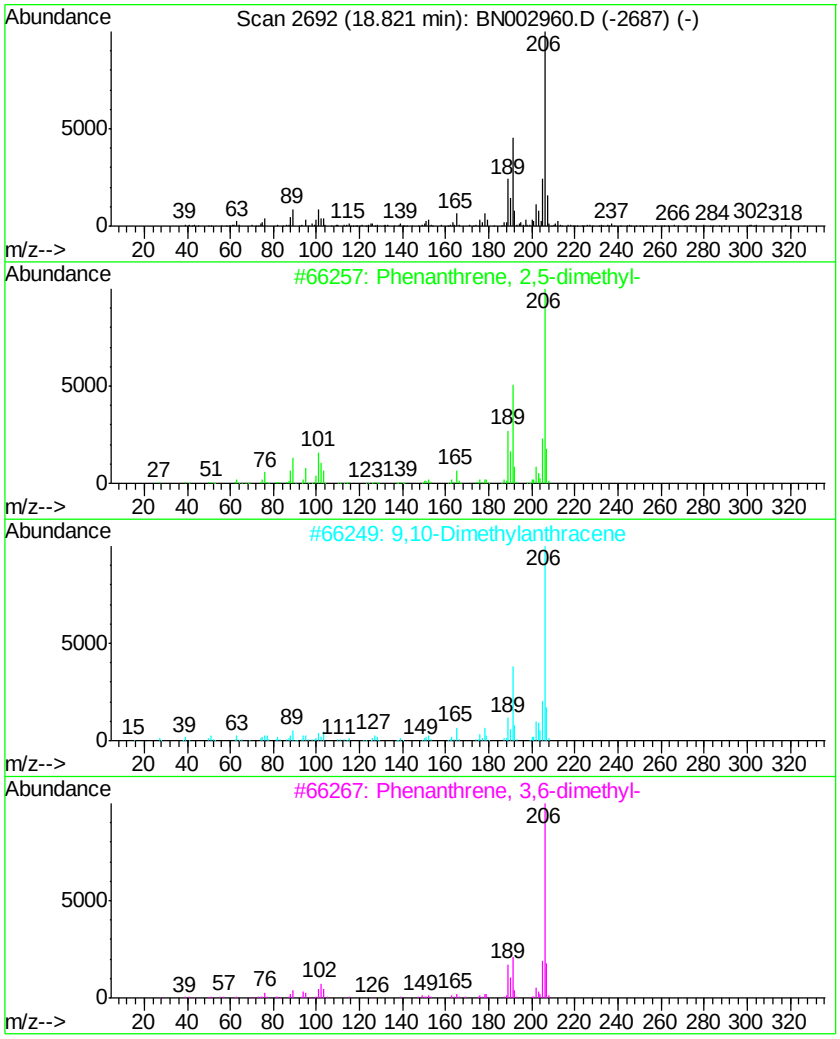
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

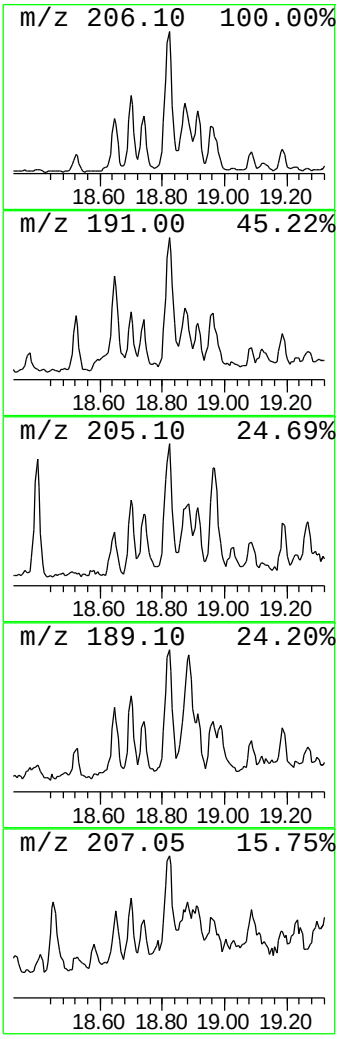
****

Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.17 ng/ul	449804	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

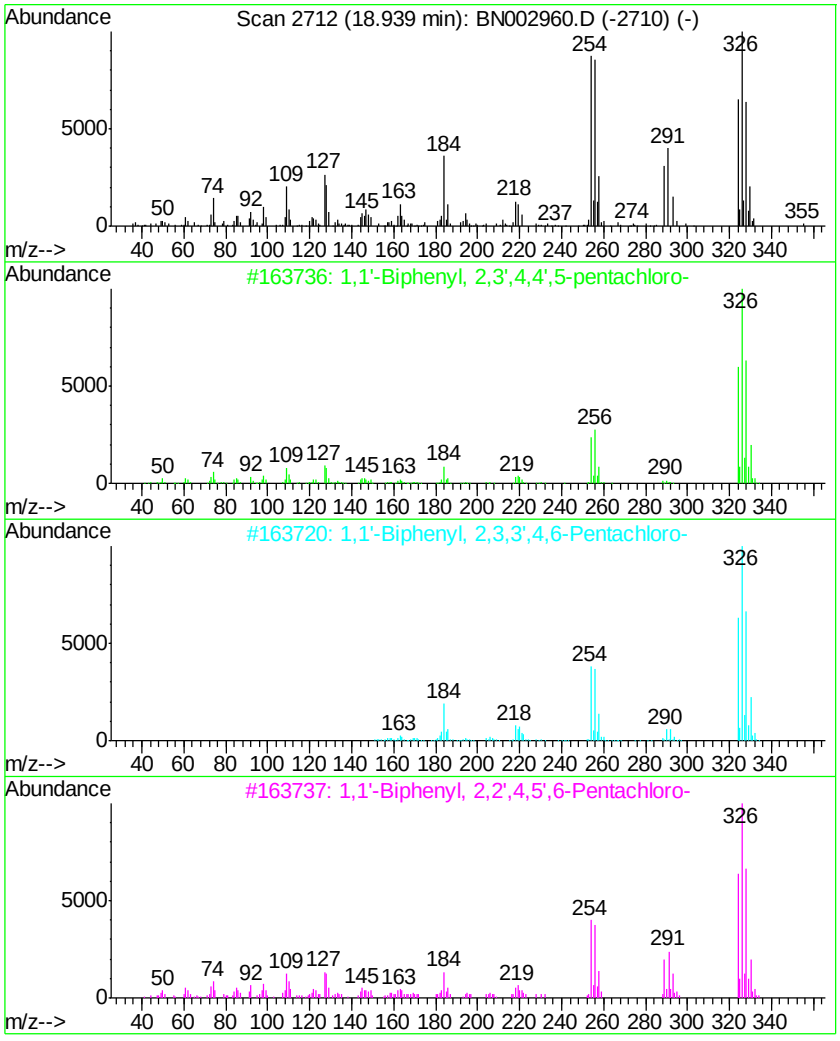
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

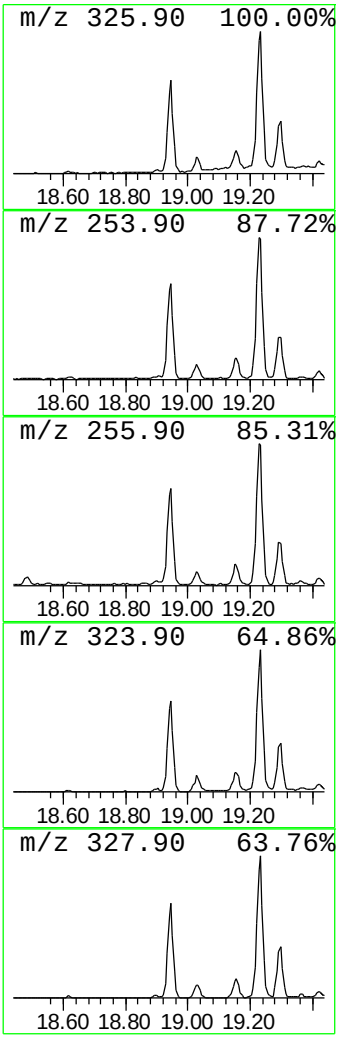
****

Peak Number 22 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	10.68 ng/ul	928577	Phenanthrene-d10	17.02

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, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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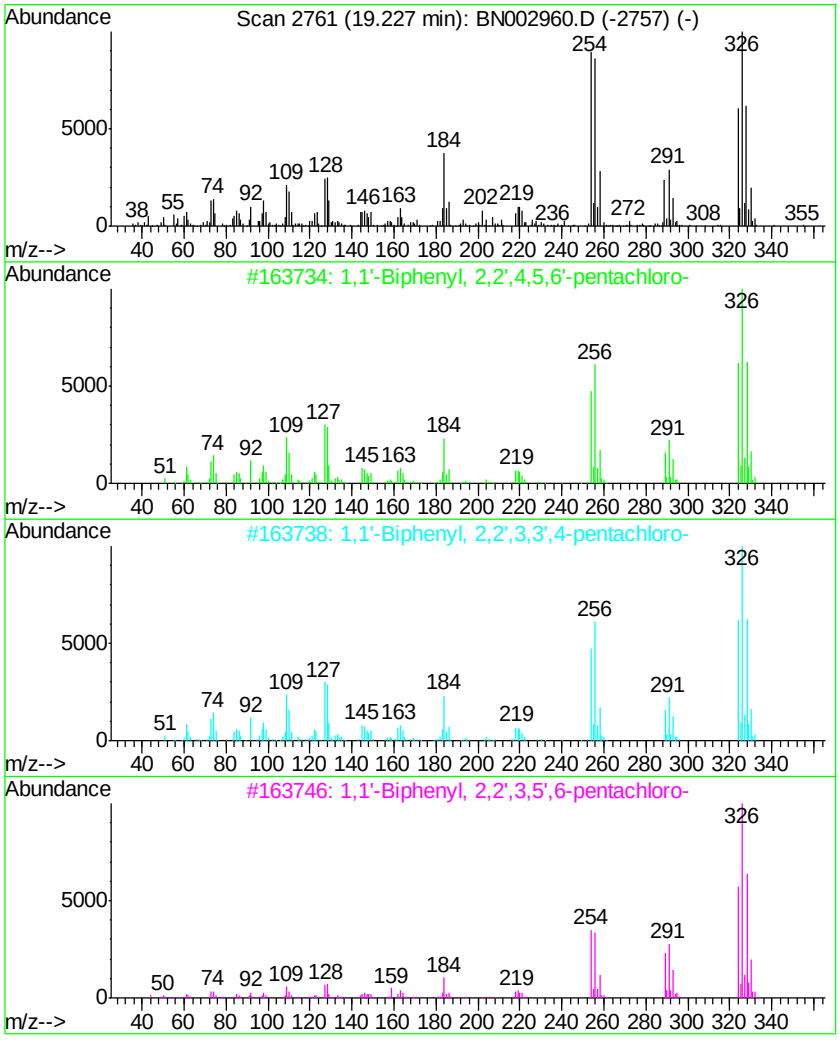
Quant Title : SVOA CALIBRATION

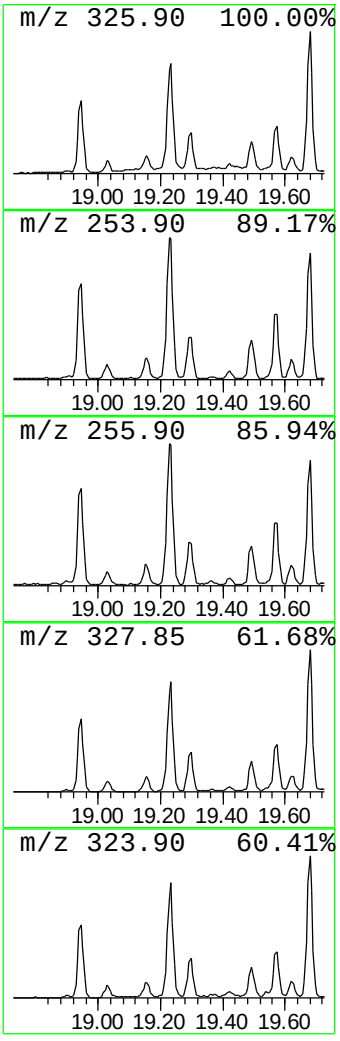
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,2',4,5,6'-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.01 ng/ul	1076890	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	99
2	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Instrument : BNA_N
ClientSampleId : JLC19

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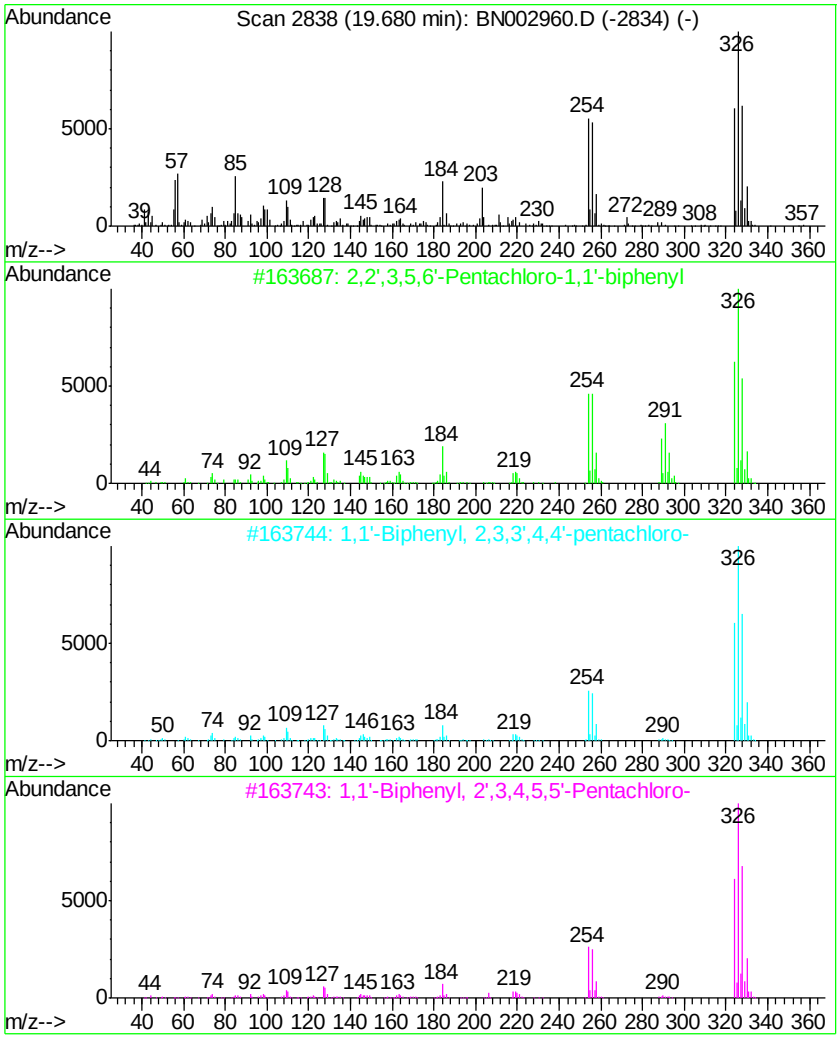
Quant Title : SVOA CALIBRATION

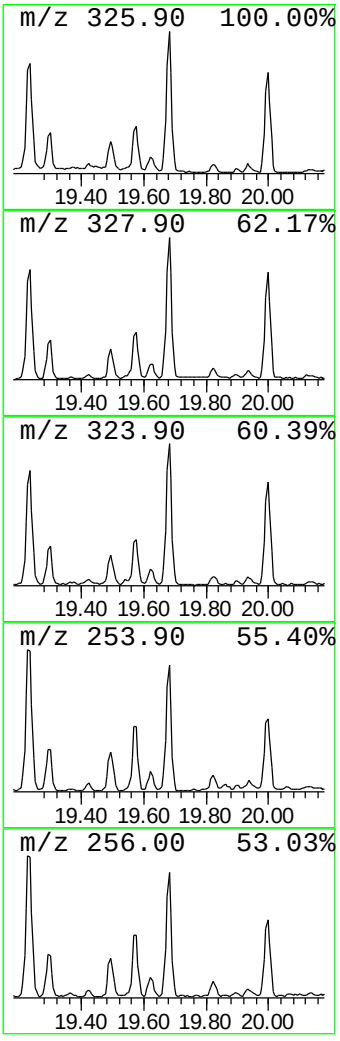
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.64 ng/ul	1659450	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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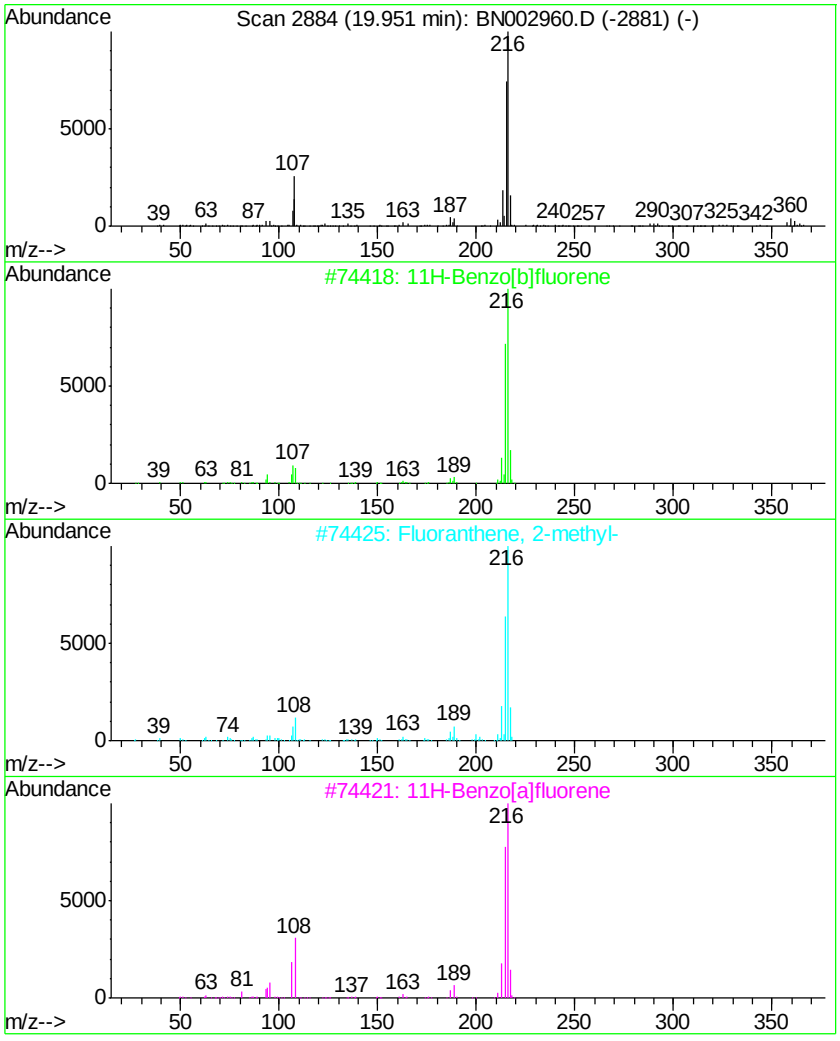
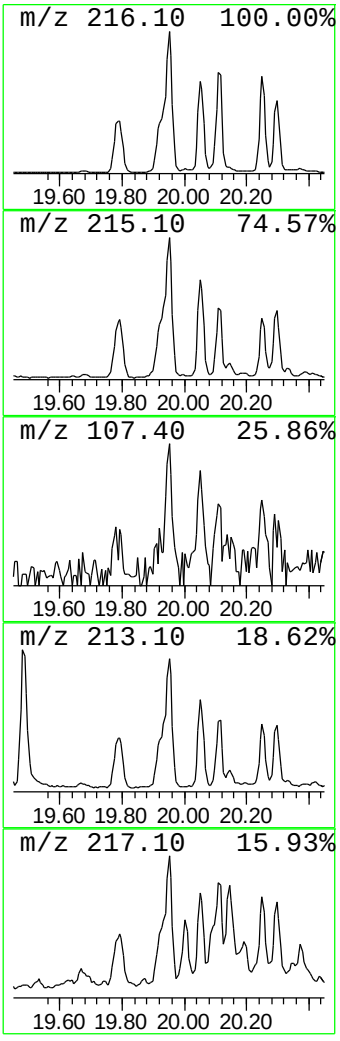
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.80 ng/ul	1002980	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Library Search Compound Report

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Sample : J5183-04
Misc :
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Instrument : BNA_N
ClientSampleId : JLC19

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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 Triphenyl phosphate Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.25 ng/ul	806139	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenyl phosphate	326	C18H15O4P	000115-86-6	90
2	Triphenyl phosphate	326	C18H15O4P	000115-86-6	87
3	Triphenyl phosphate	326	C18H15O4P	000115-86-6	83
4	Triphenyl phosphate	326	C18H15O4P	000115-86-6	70
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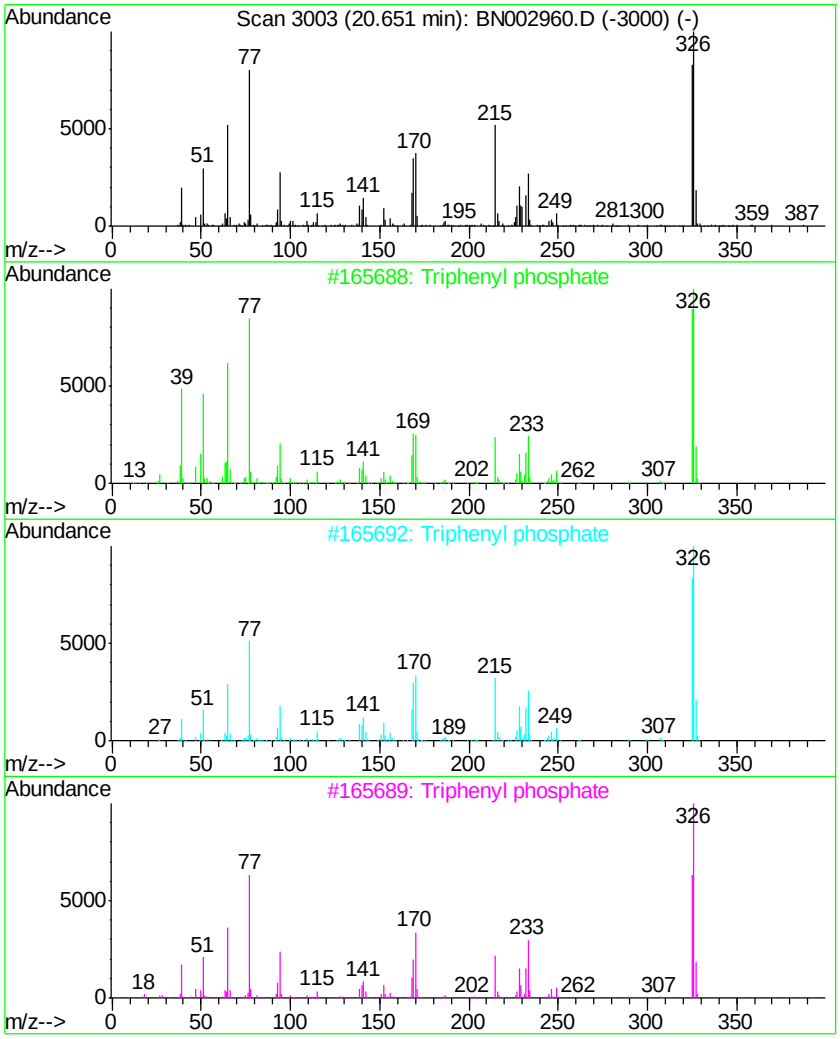

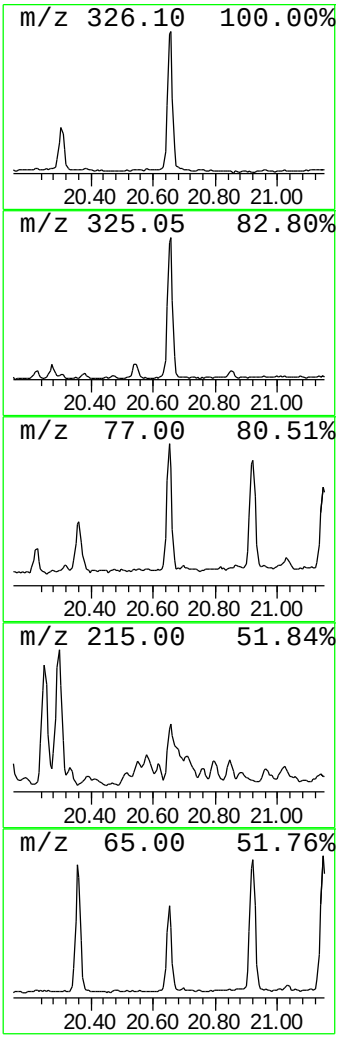

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Quant Title : SVOA CALIBRATION

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

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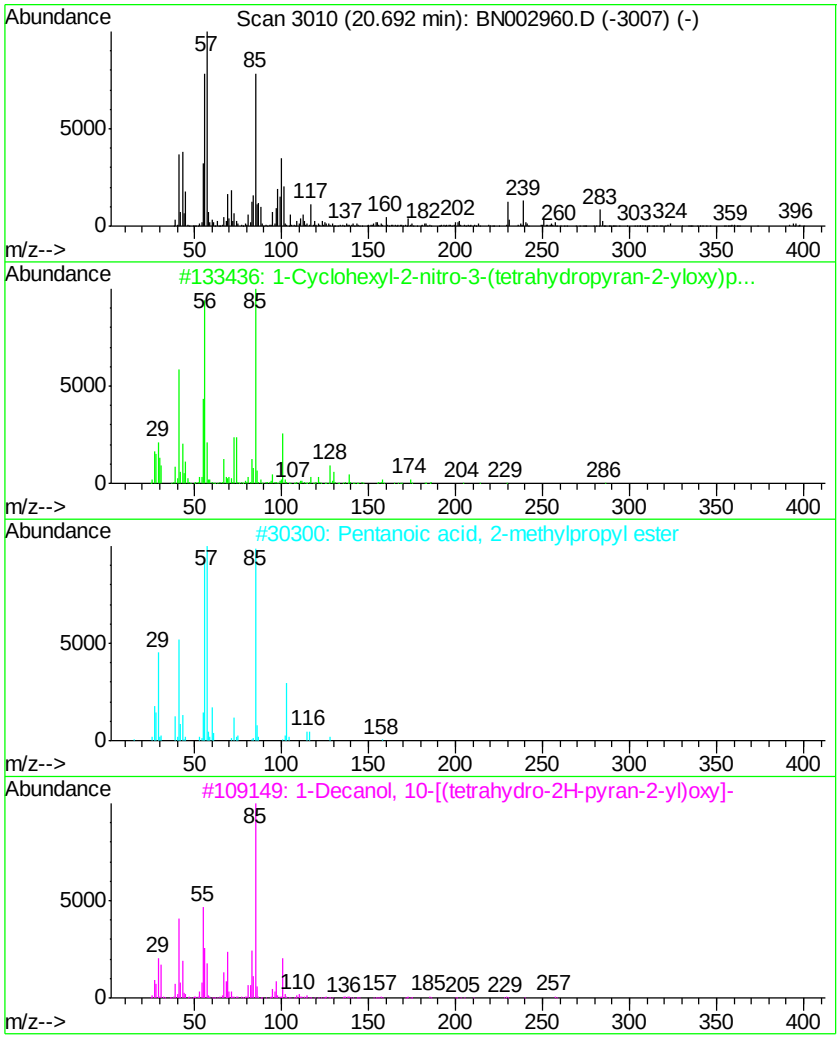
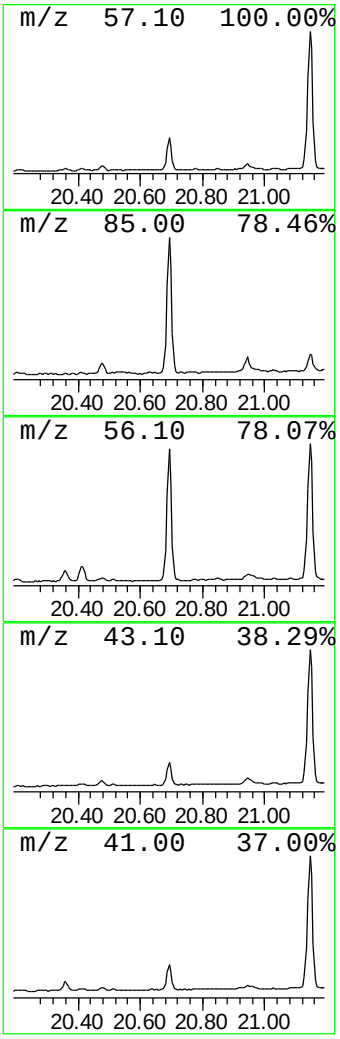
Peak Number 27 1-Cyclohexyl-2-nitro-3-(tet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.74 ng/ul	2768790	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-nitro-3-(tetrahyd...	287	C14H25NO5	1000194-56-8	50
2	Pentanoic acid, 2-methylpropyl e...	158	C9H18O2	010588-10-0	47
3	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	35
4	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	35
5	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	30





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Quant Title : SVOA CALIBRATION

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

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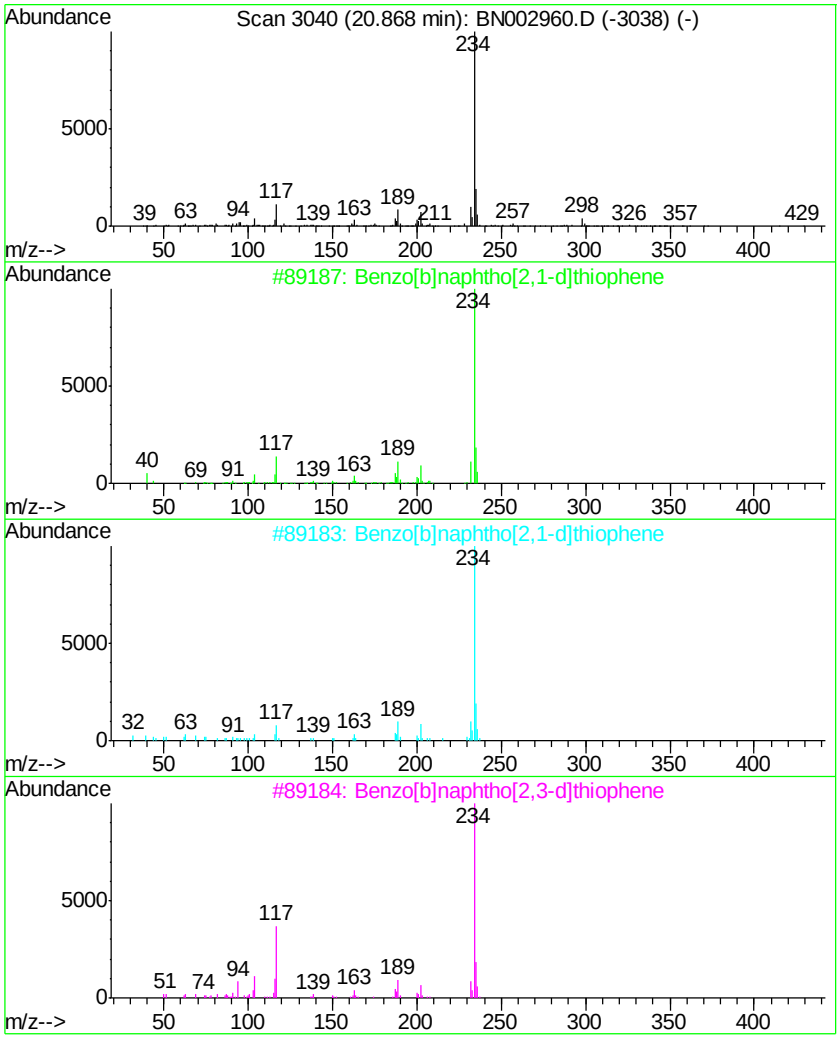
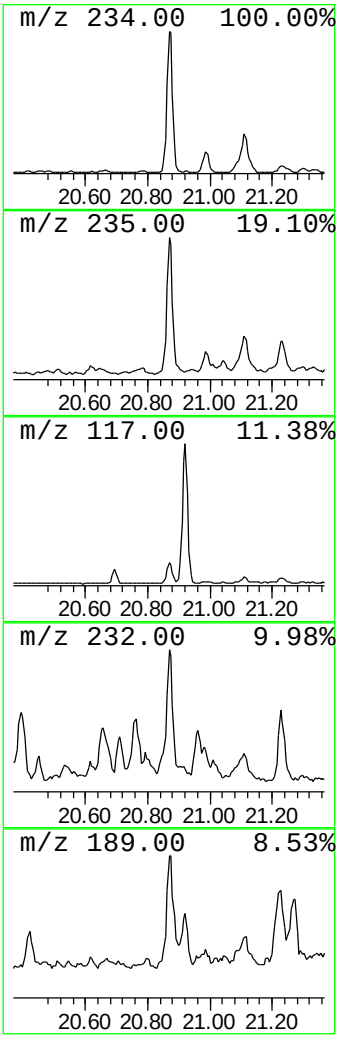
Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.17 ng/ul	776709	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94





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Quant Title : SVOA CALIBRATION

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

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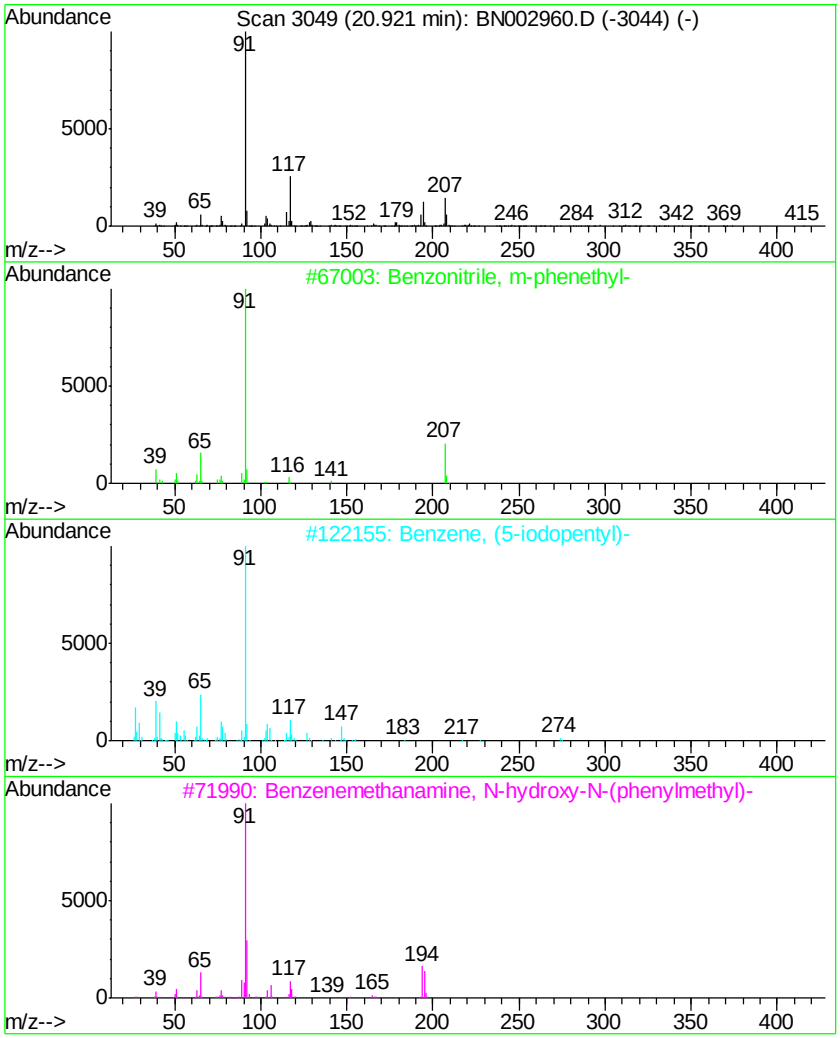
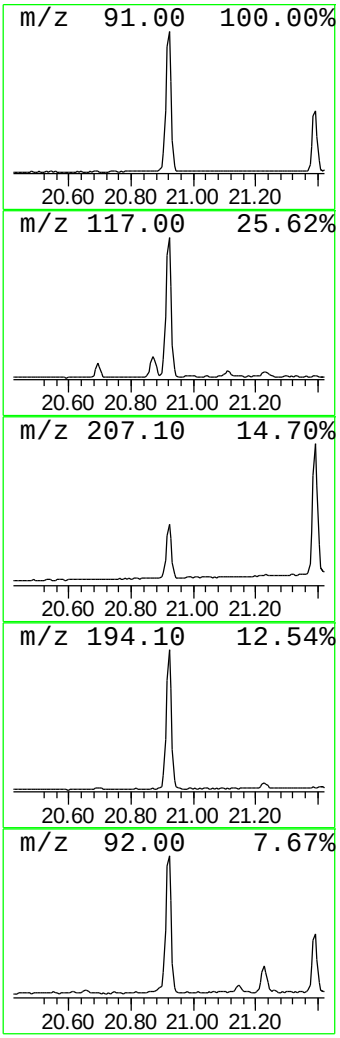
Peak Number 29 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	8.75 ng/ul	3130470	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	35
2	Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	17
3	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
4	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	16
5	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	12





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Quant Title : SVOA CALIBRATION

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

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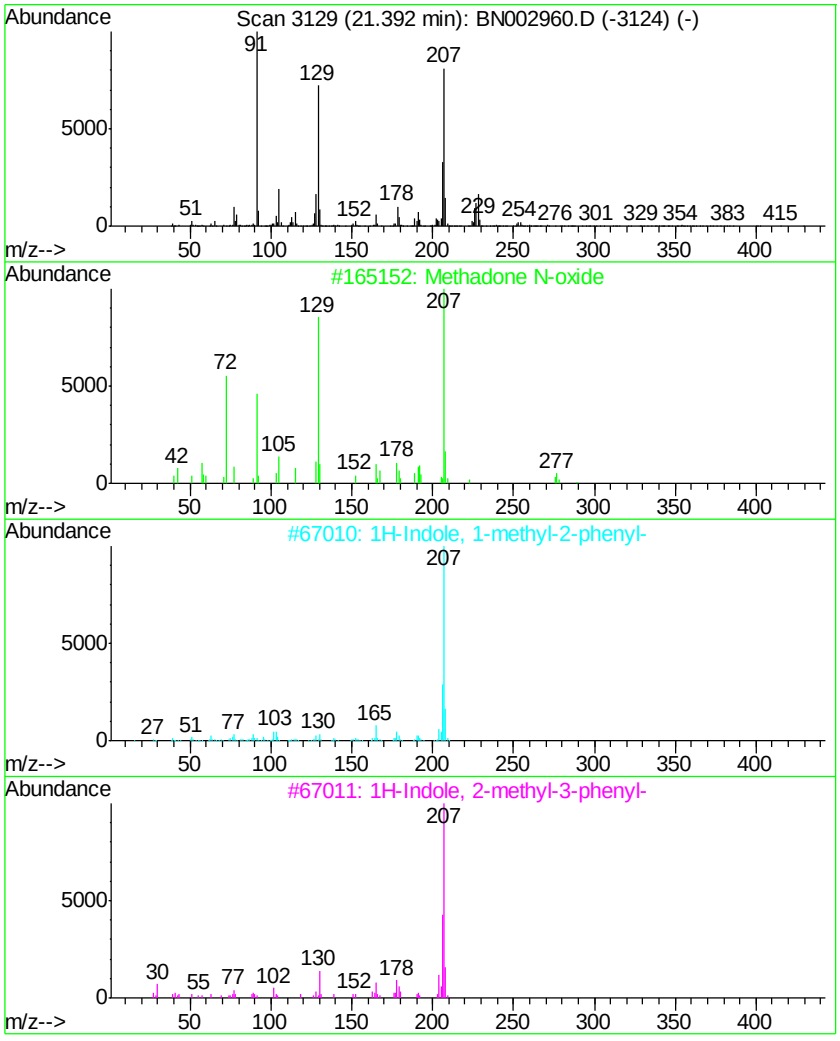
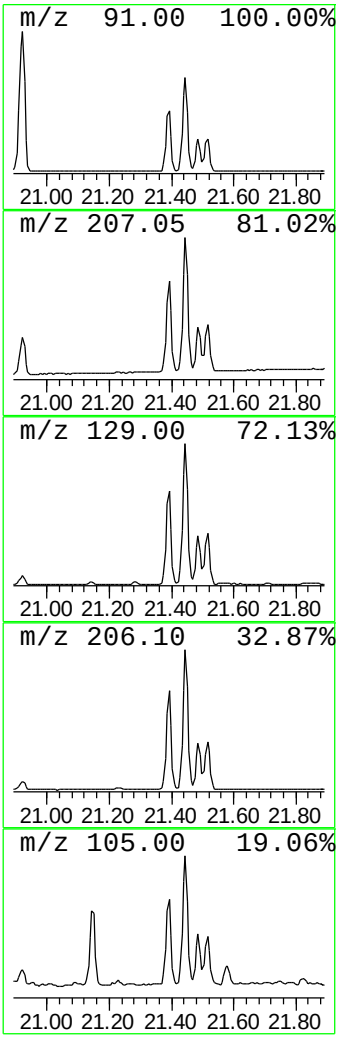
Peak Number 31 Methadone N-oxide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	8.69 ng/ul	3108890	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	58
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	43
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	41
5	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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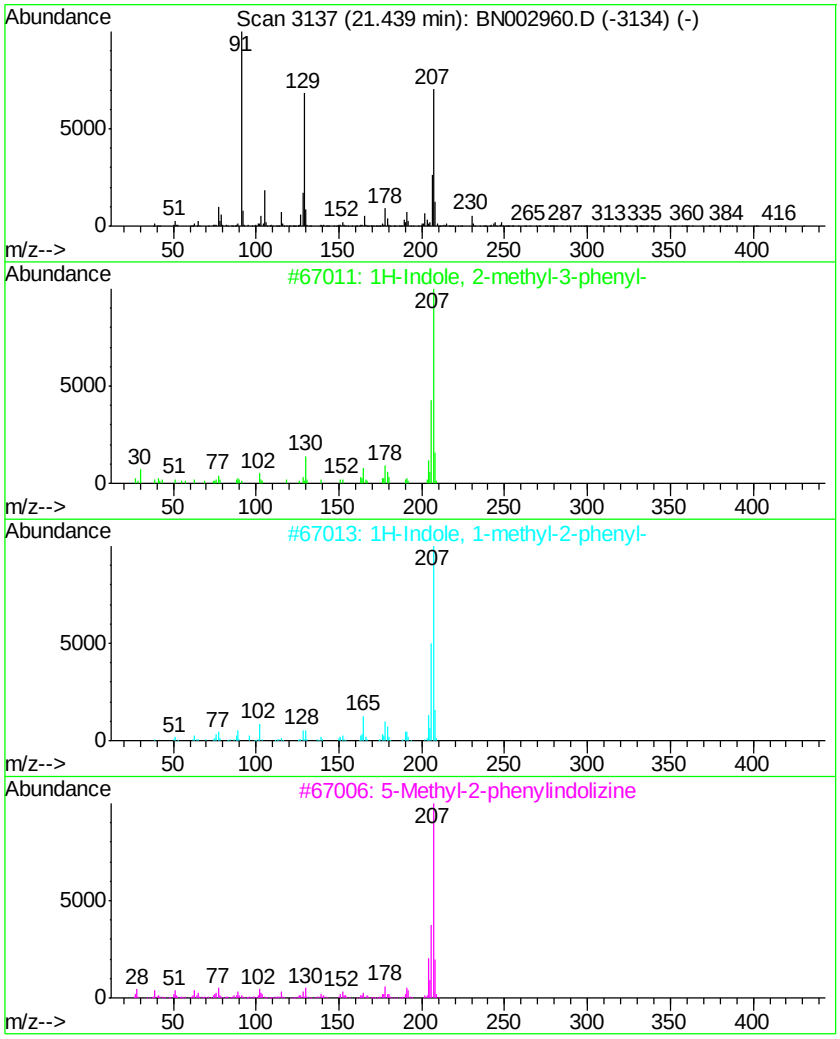
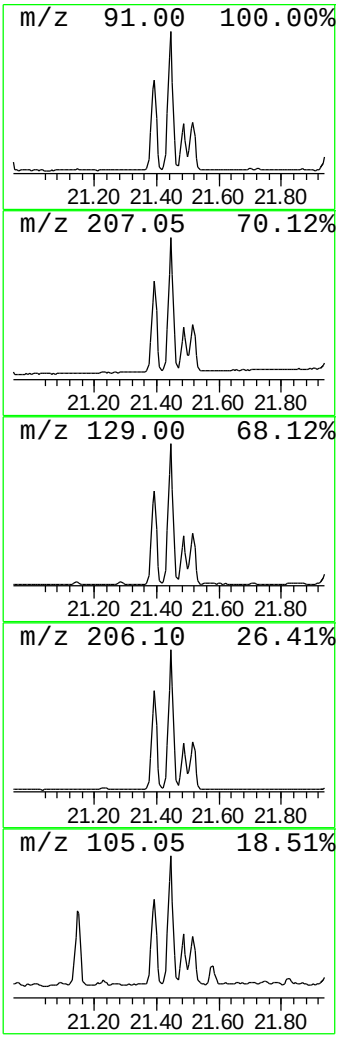
Peak Number 32 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	10.34 ng/ul	3697450	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	53
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	47
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	47
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	46
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

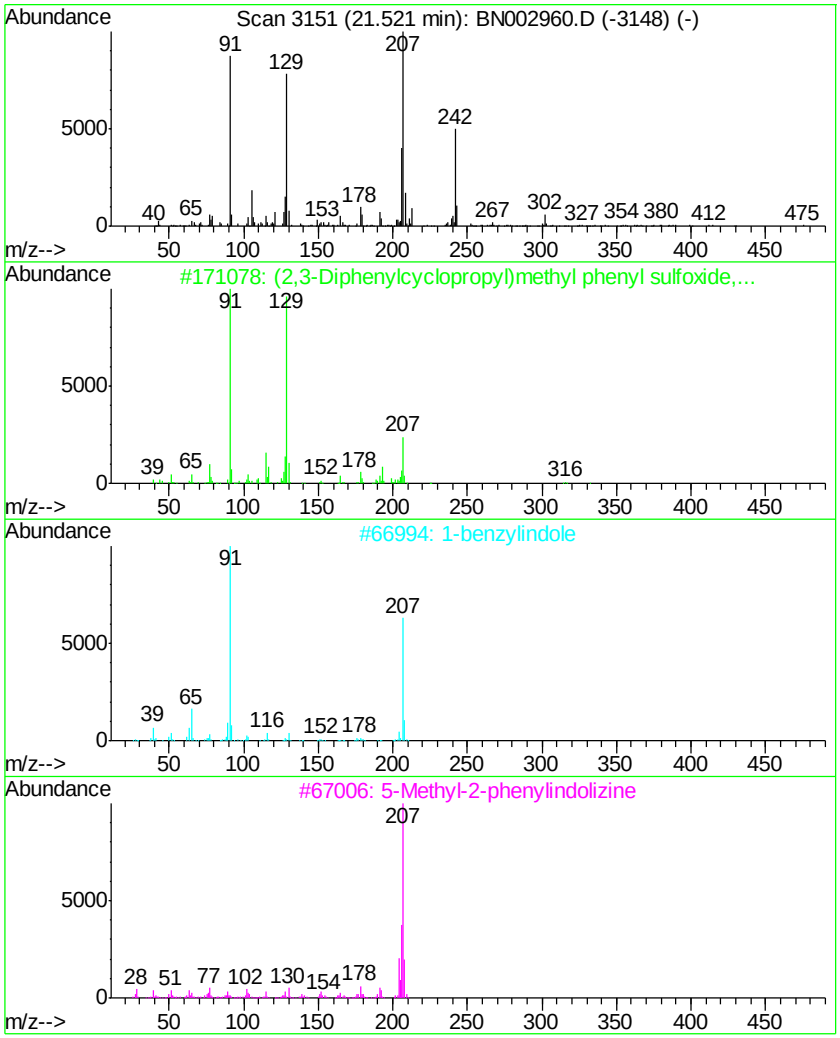
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

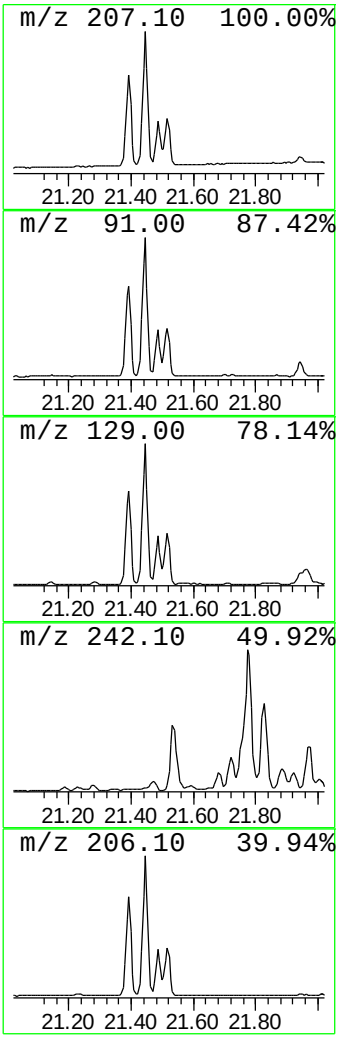
****

Peak Number 34 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.29 ng/ul	1177300	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	43
2	1-benzylindole	207	C15H13N	1000334-31-3	35
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	30
5	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002960.D
Acq On : 05 Oct 2018 11:02
Operator : MJ/SJ
Sample : J5183-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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, 1,3-dime...	5.30	4.0	ng/ul	138835	1	7.62	698497	20.0
Benzenemethanol, ...	8.72	4.6	ng/ul	161642	1	7.62	698497	20.0
unknown-01	16.00	2.1	ng/ul	181783	4	17.02	1739690	20.0
unknown-02	16.37	3.9	ng/ul	340446	4	17.02	1739690	20.0
Tri(2-chloroethyl...	16.53	10.1	ng/ul	877158	4	17.02	1739690	20.0
3,5-di-tert-Butyl...	16.58	6.4	ng/ul	554059	4	17.02	1739690	20.0
Benzene, 1,1'-(1,...	16.62	10.9	ng/ul	947908	4	17.02	1739690	20.0
2-Propanol, 1-chl...	16.79	23.9	ng/ul	2081190	4	17.02	1739690	20.0
Dibenzothiophene	16.83	3.0	ng/ul	256467	4	17.02	1739690	20.0
Bis(1-chloro-2-pr...	16.89	7.7	ng/ul	672887	4	17.02	1739690	20.0
1,1'-Biphenyl, 2,...	17.60	2.2	ng/ul	191994	4	17.02	1739690	20.0
2-((Prop-2-ynylox...	17.72	12.4	ng/ul	1077150	4	17.02	1739690	20.0
1H-Cyclopropa[l]p...	17.89	4.4	ng/ul	381077	4	17.02	1739690	20.0
Phenanthrene, 2-m...	17.93	12.6	ng/ul	1091620	4	17.02	1739690	20.0
4H-Cyclopenta[def...	18.09	16.4	ng/ul	1426410	4	17.02	1739690	20.0
1,1'-Biphenyl, 2,...	18.37	3.6	ng/ul	313819	4	17.02	1739690	20.0
9,10-Bis(bromomet...	18.40	3.8	ng/ul	330543	4	17.02	1739690	20.0
9,10-Anthracenedione	18.45	3.9	ng/ul	337729	4	17.02	1739690	20.0
Phenanthrene, 2,5...	18.82	5.2	ng/ul	449804	4	17.02	1739690	20.0
1,1'-Biphenyl, 2,...	18.94	10.7	ng/ul	928577	4	17.02	1739690	20.0
1,1'-Biphenyl, 2,...	19.23	3.0	ng/ul	1076890	5	21.23	7154540	20.0
2,2',3,5,6'-Penta...	19.68	4.6	ng/ul	1659450	5	21.23	7154540	20.0
11H-Benzo[b]fluorene	19.95	2.8	ng/ul	1002980	5	21.23	7154540	20.0
Triphenyl phosphate	20.65	2.3	ng/ul	806139	5	21.23	7154540	20.0
1-Cyclohexyl-2-ni...	20.69	7.7	ng/ul	2768790	5	21.23	7154540	20.0
Benzo[b]naphtho[2...	20.87	2.2	ng/ul	776709	5	21.23	7154540	20.0
unknown-03	20.92	8.8	ng/ul	3130470	5	21.23	7154540	20.0
Methadone N-oxide	21.39	8.7	ng/ul	3108890	5	21.23	7154540	20.0
1H-Indole, 2-meth...	21.44	10.3	ng/ul	3697450	5	21.23	7154540	20.0
unknown-04	21.52	3.3	ng/ul	1177300	5	21.23	7154540	20.0