LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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	3.693	115	120	128	rBV	92367	129923	1.98%	0.165%
2	5.646	448	452	462	rBV2	58513	111699	1.70%	0.142%
3	6.822	640	652	665	rBV2	382893	822582	12.52%	1.048%
4	6.934	665	671	673	rBV	130331	194102	2.96%	0.247%
5	6.969	673	677	689	rVB	328473	512805	7.81%	0.653%
6	7.163	704	710	720	rBV	408175	682117	10.39%	0.869%
7	7.622	779	788	796	rBV	568057	920178	14.01%	1.172%
8	8.346	903	911	924	rBV	397805	735585	11.20%	0.937%
9	8.446	924	928	934	rVB3	49106	79220	1.21%	0.101%
10	8.775	978	984	992	rBV	386600	645367	9.83%	0.822%
11	9.493	1099	1106	1119	rBV	334894	578796	8.81%	0.737%
12	10.034	1192	1198	1209	rBV	496493	962507	14.65%	1.226%
13	10.393	1250	1259	1265	rBV	877393	1489162	22.67%	1.897%
14	10.446	1265	1268	1275	rVB	71392	110741	1.69%	0.141%
15	10.546	1279	1285	1292	rBV	261395	544630	8.29%	0.694%
16	13.681	1812	1818	1822	rBV	943920	1343125	20.45%	1.711%
17	13.728	1822	1826	1835	rVB	665920	944857	14.39%	1.204%
18	13.957	1854	1865	1874	rBV	1137643	1839324	28.00%	2.343%
19	14.263	1910	1917	1925	rBV2	1310653	2137749	32.55%	2.723%
20	14.328	1925	1928	1932	rVB2	114108	148065	2.25%	0.189%
21	14.516	1955	1960	1969	rBV	234963	492442	7.50%	0.627%
22	14.669	1980	1986	1990	rBV2	88389	150620	2.29%	0.192%
23	15.069	2046	2054	2061	rBV	95997	189846	2.89%	0.242%
24	15.263	2081	2087	2092	rBV	1533976	2169956	33.04%	2.764%
25	15.316	2092	2096	2102	rVB	118205	177532	2.70%	0.226%
26	15.410	2107	2112	2121	rBV2	229195	410099	6.24%	0.522%
27	15.616	2143	2147	2150	rBV2	46744	73336	1.12%	0.093%
28	15.992	2205	2211	2218	rBV5	76059	168100	2.56%	0.214%
29	16.369	2271	2275	2279	rBV2	92633	120113	1.83%	0.153%
30	16.528	2298	2302	2311	rBV2	233891	320413	4.88%	0.408%
31	16.622	2314	2318	2323	rVV	462583	582947	8.88%	0.743%
32	16.675	2324	2327	2332	rVB	73478	111732	1.70%	0.142%
33	16.786	2341	2346	2350	rVV	971754	1167488	17.78%	1.487%
34	16.833	2351	2354	2359	rVB	135030	176369	2.69%	0.225%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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	16.892	2360	2364	2368	rBV	294400	364714	5.55%	0.465%
36	17.022	2377	2386	2389	rBV	1537478	2430760	37.01%	3.096%
37	17.063	2389	2393	2398	rVV	2591508	3605336	54.89%	4.592%
38	17.116	2398	2402	2406	rVV	1584664	2324382	35.39%	2.961%
39	17.151	2406	2408	2413	rVB	505458	579997	8.83%	0.739%
40	17.428	2448	2455	2461	rBV2	225709	406997	6.20%	0.518%
41	17.722	2501	2505	2512	rVB	751467	1073615	16.35%	1.368%
42	17.892	2531	2534	2537	rBV	207109	249182	3.79%	0.317%
43	17.933	2537	2541	2547	rVB2	527672	904898	13.78%	1.153%
44	17.992	2547	2551	2554	rBV	682119	826435	12.58%	1.053%
45	18.086	2562	2567	2571	rBV3	457379	793370	12.08%	1.011%
46	18.398	2617	2620	2625	rVB	211743	269255	4.10%	0.343%
47	18.451	2626	2629	2634	rVB2	144496	196417	2.99%	0.250%
48	19.092	2732	2738	2744	rVB	4076460	5757021	87.65%	7.333%
49	19.186	2751	2754	2758	rBV3	321564	516015	7.86%	0.657%
50	19.422	2790	2794	2796	rBV2	1965878	2706494	41.21%	3.447%
51	19.451	2796	2799	2809	rVB	3644480	5359803	81.61%	6.827%
52	20.363	2950	2954	2960	rVB	1537738	1880078	28.63%	2.395%
53	20.869	3038	3040	3044	rVB2	460236	495777	7.55%	0.632%
54	20.921	3045	3049	3052	rBV2	1003245	1315408	20.03%	1.676%
55	21.145	3083	3087	3091	rBV	2228490	2380854	36.25%	3.033%
56	21.221	3095	3100	3104	rVV2	2198026	4706169	71.65%	5.995%
57	21.269	3104	3108	3117	rVB	5068637	6567874	100.00%	8.366%
58	21.386	3125	3128	3133	rBV2	1013023	1341374	20.42%	1.709%
59	21.445	3134	3138	3142	rVV	1314394	1537862	23.41%	1.959%
60	22.786	3361	3366	3371	rBV	1976872	3954954	60.22%	5.038%
61	23.257	3441	3446	3450	rBV	1495875	2477358	37.72%	3.156%
62	23.304	3451	3454	3458	rVB2	672145	1019314	15.52%	1.298%
63	23.439	3474	3477	3482	rVB	761661	1222344	18.61%	1.557%

Sum of corrected areas: 78507584

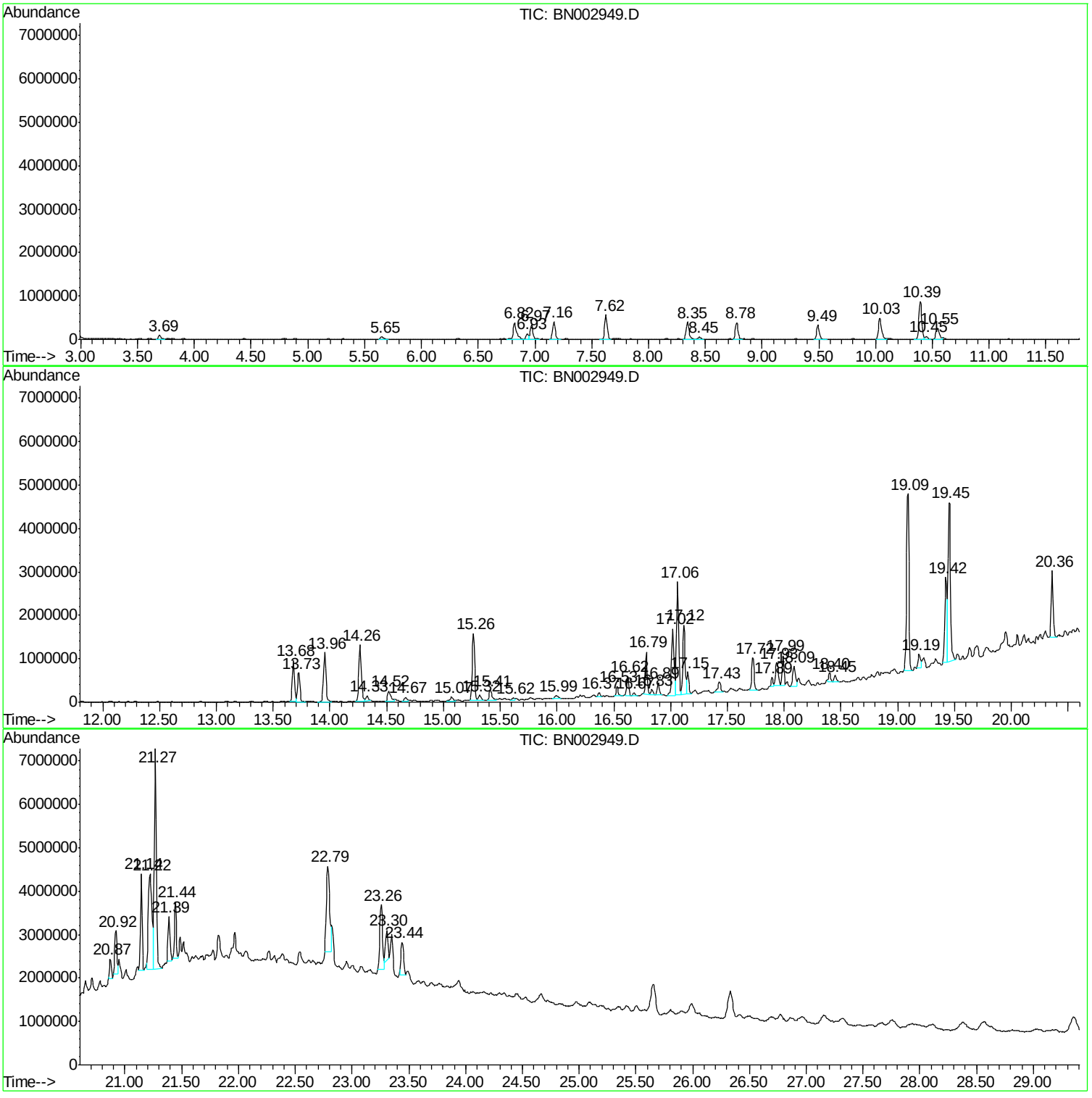
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

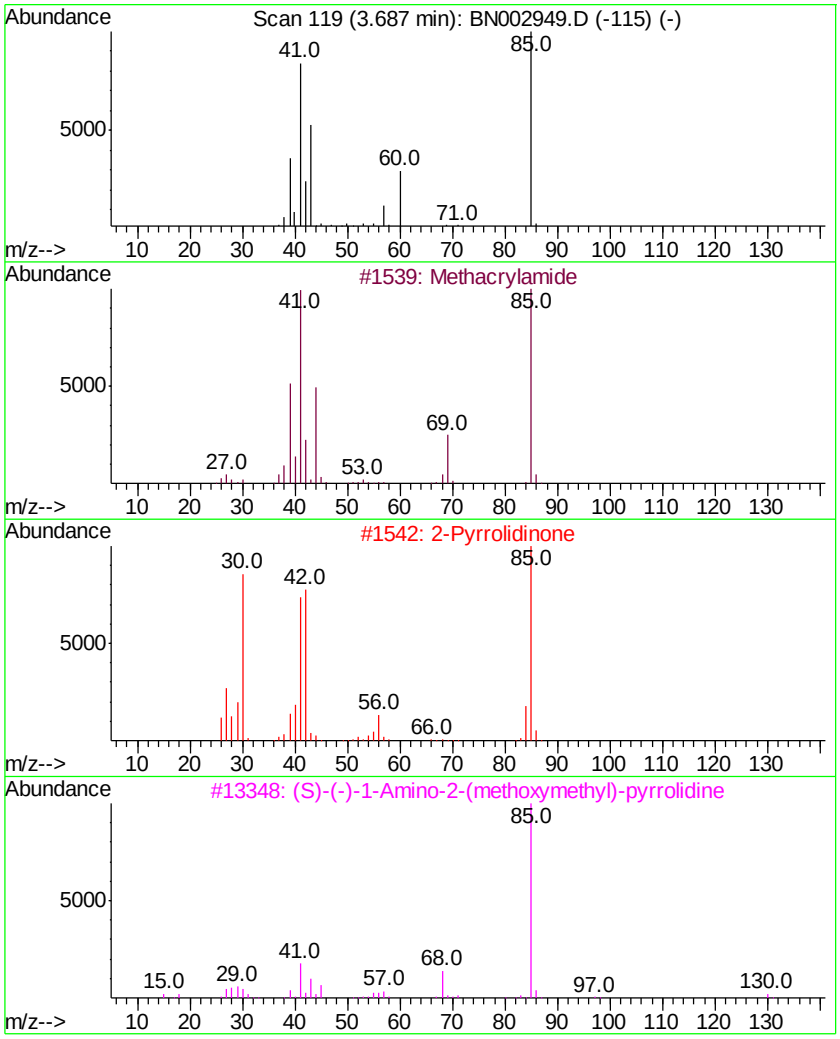
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

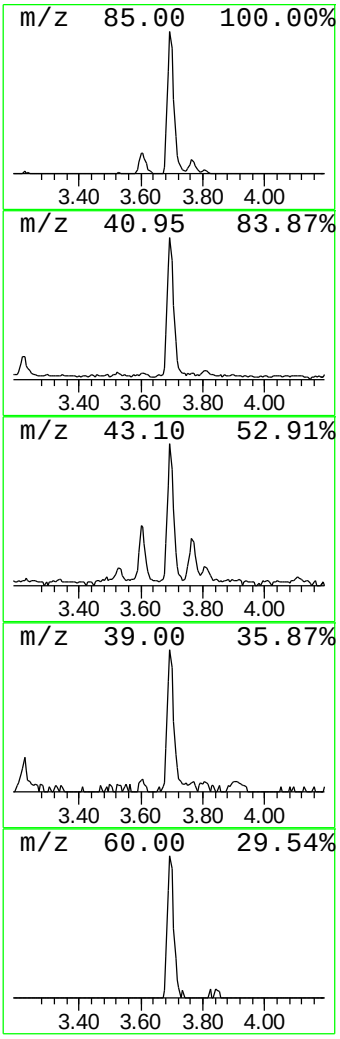
****

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	2.82 ng/ul	129923	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
3	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	23
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	9
5	Propane, 1-isocyano-	69	C4H7N	000627-36-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

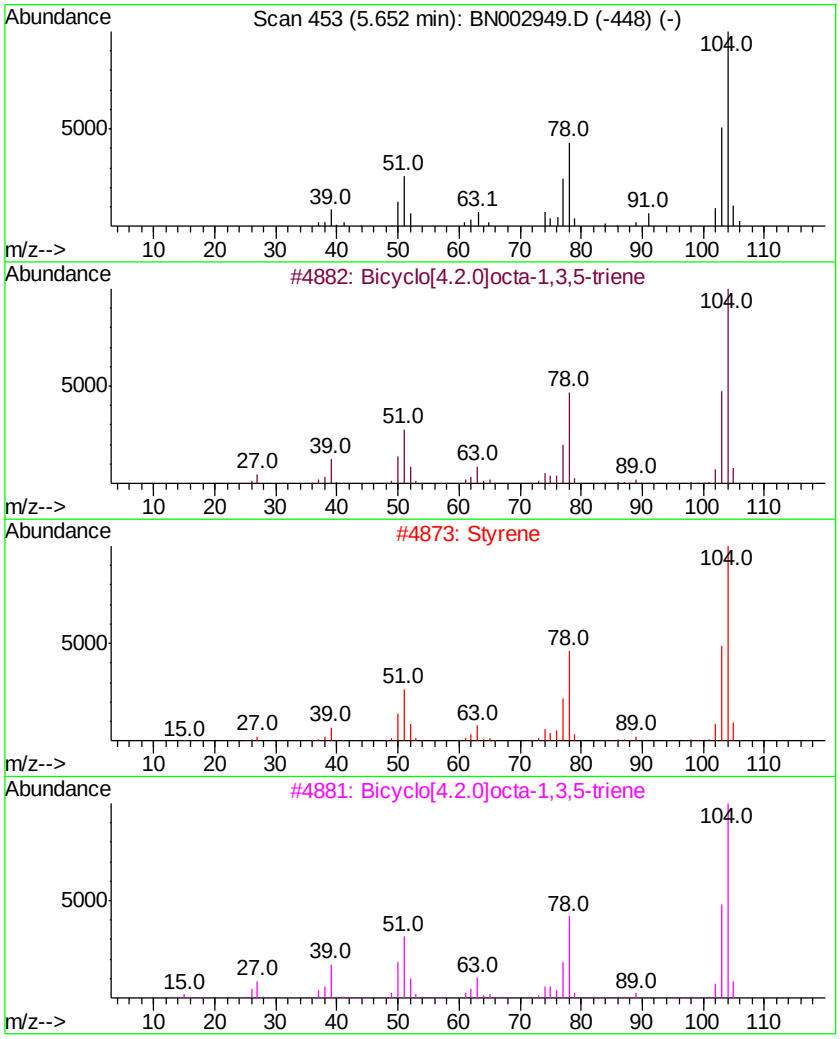
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

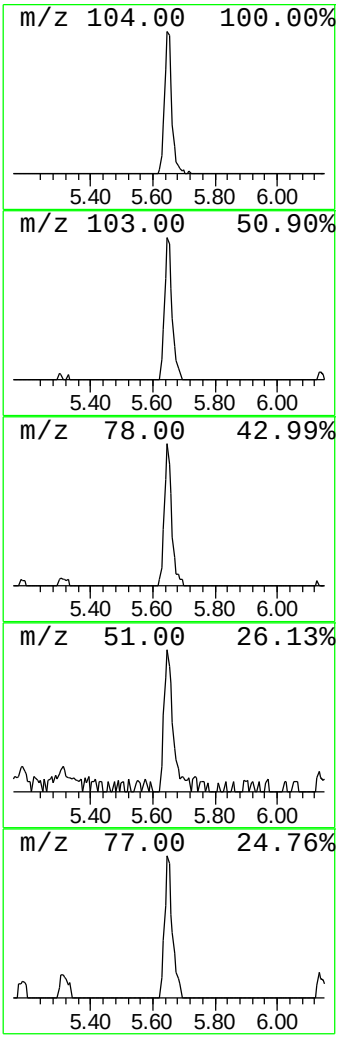
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	2.43 ng/ul	111699	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
2	Styrene	104	C8H8	000100-42-5	94
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
4	Styrene	104	C8H8	000100-42-5	94
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

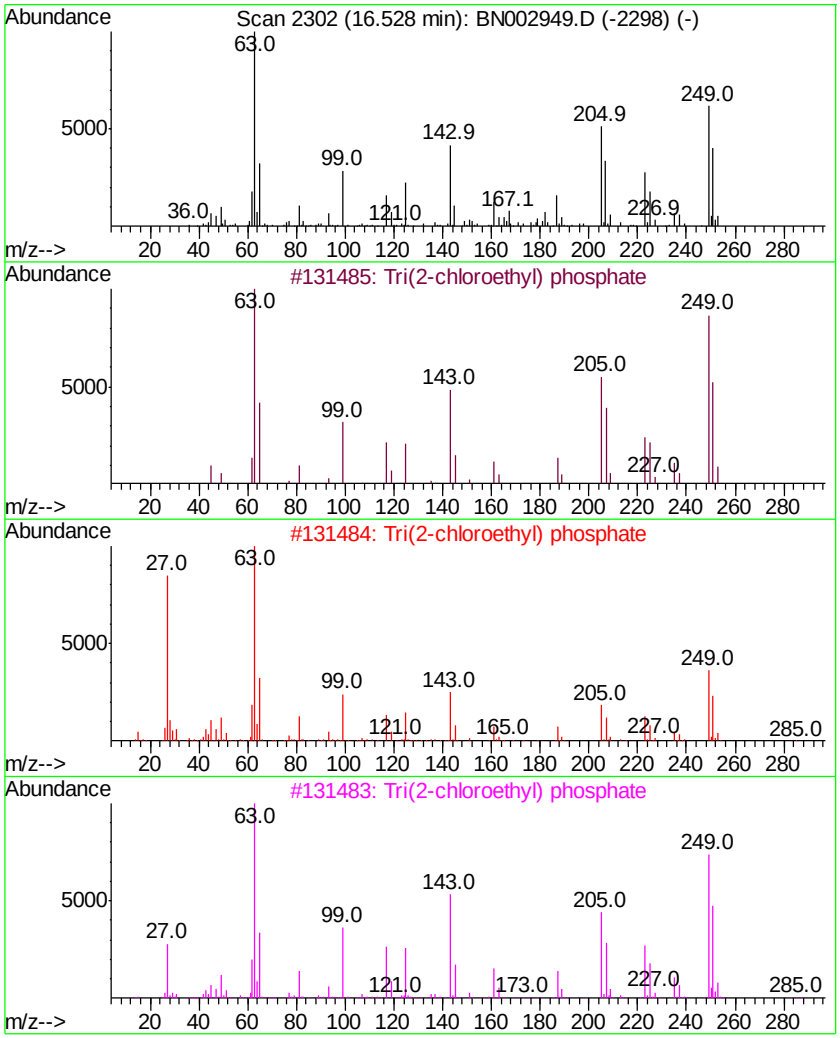
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

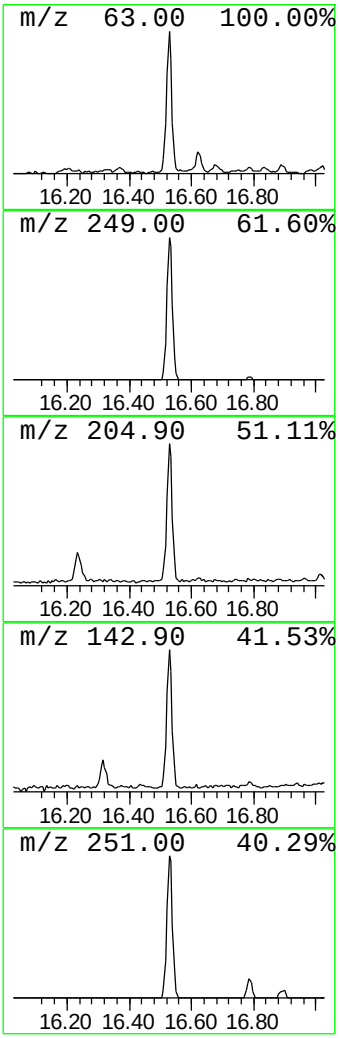
****

Peak Number 3 Tri(2-chloroethyl) phosphate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.64 ng/ul	320413	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	72
3	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	64
4	Benzene, 1-[(2-chloroethyl)sulfo...	249	C8H8ClNO4S	006461-63-8	50
5	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

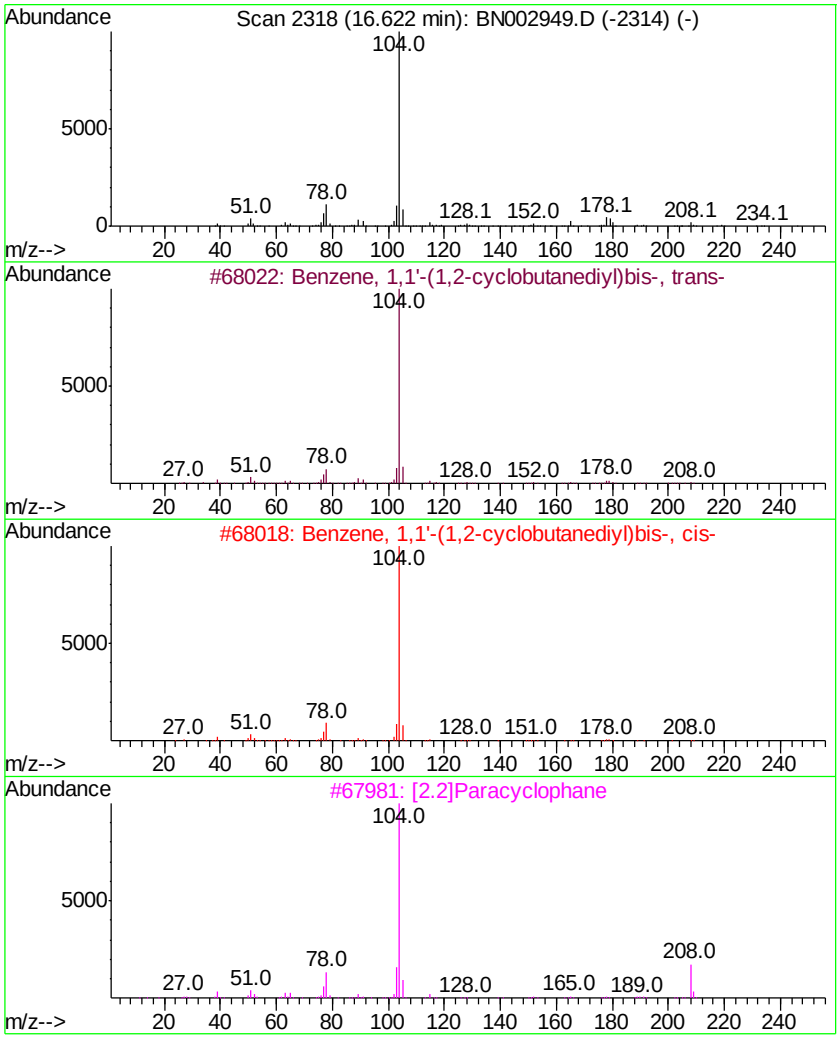
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

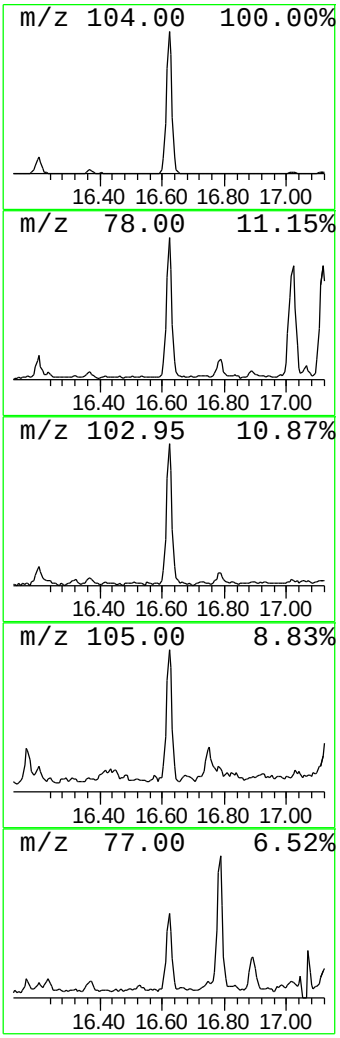
****

Peak Number 4 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	4.80 ng/ul	582947	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	90
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	87
3	[2.2]Paracyclophane	208	C16H16	001633-22-3	68
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
5	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

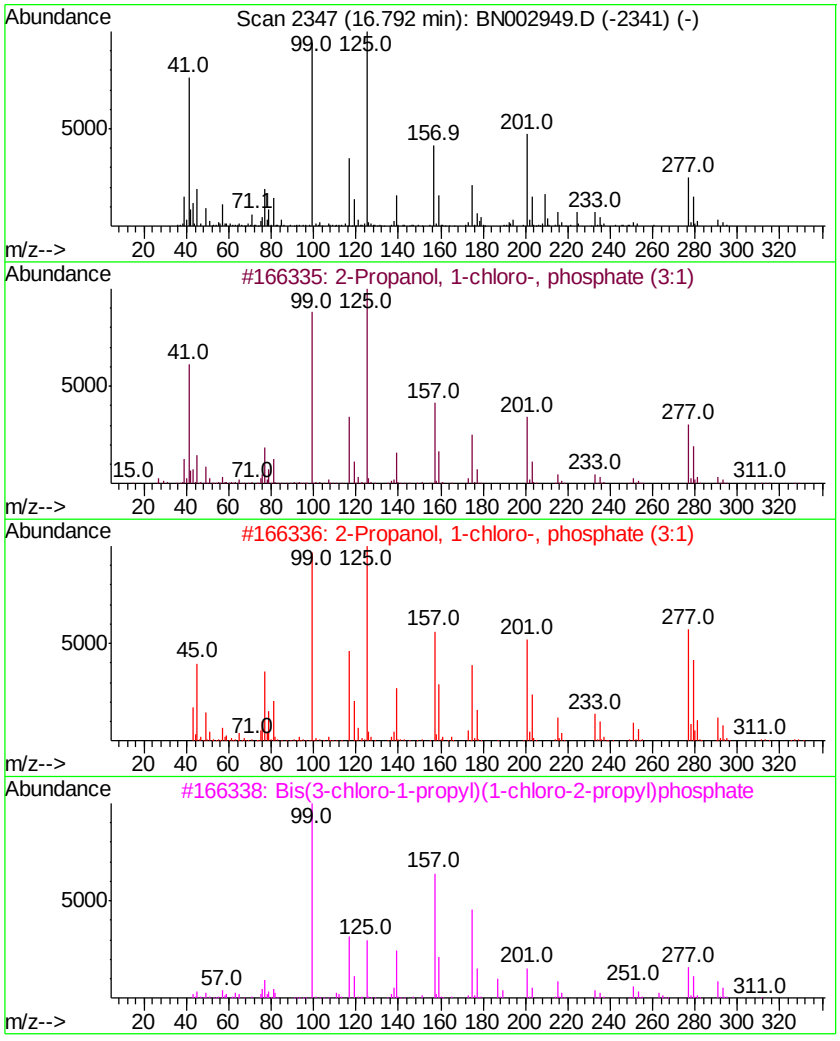
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

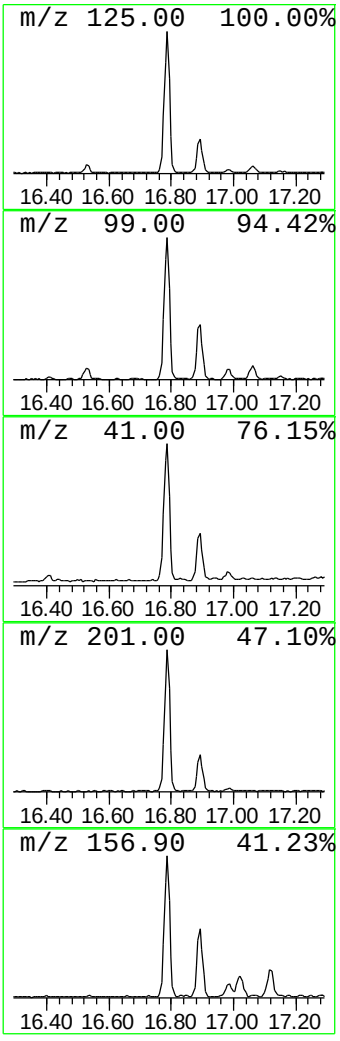
****

Peak Number 5 2-Propanol, 1-chloro-, phos... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	9.61 ng/ul	1167490	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	14
5	7-Methyl-6-thiabicyclo[3.2.1]octane	142	C8H14S	1000306-33-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

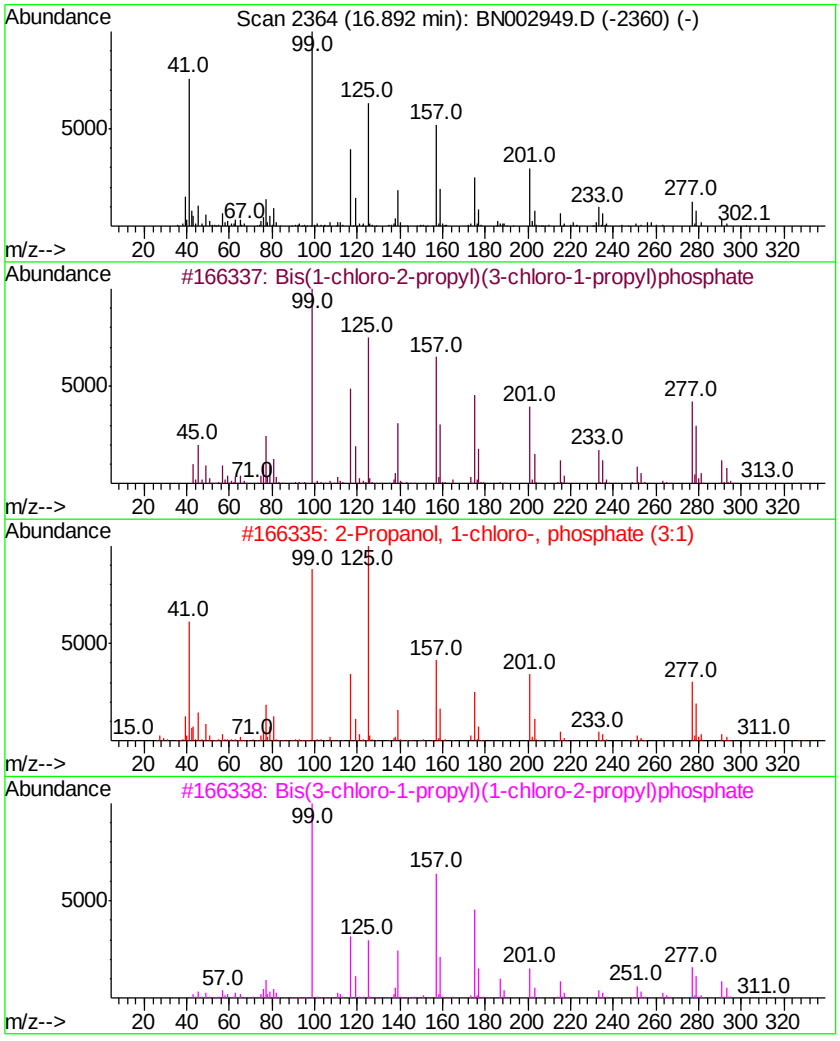
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

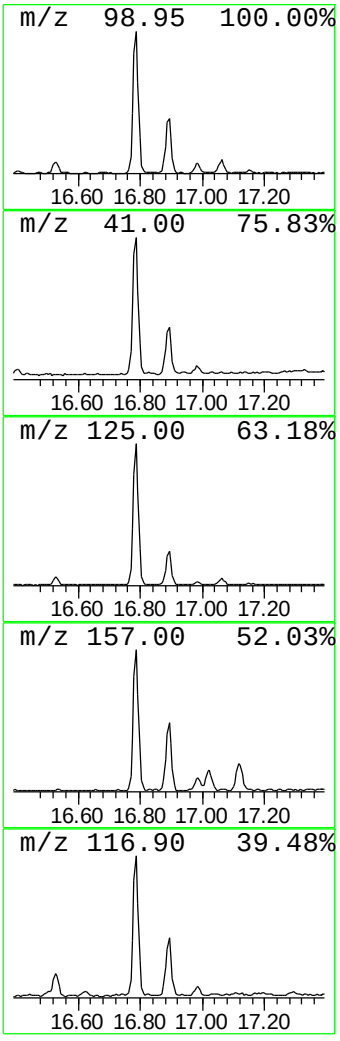
****

Peak Number 6 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.00 ng/ul	364714	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	87
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	38
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	32
4	Sarin	140	C4H10FO2P	000107-44-8	25
5	Sarin	140	C4H10FO2P	000107-44-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

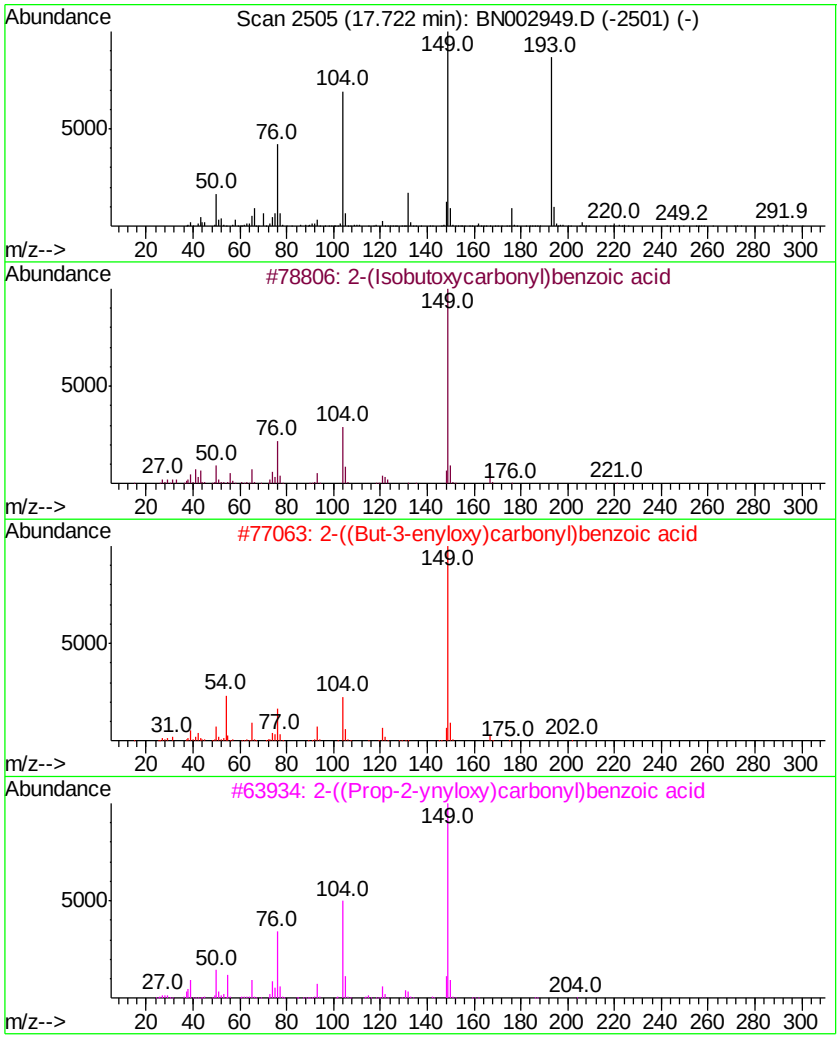
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

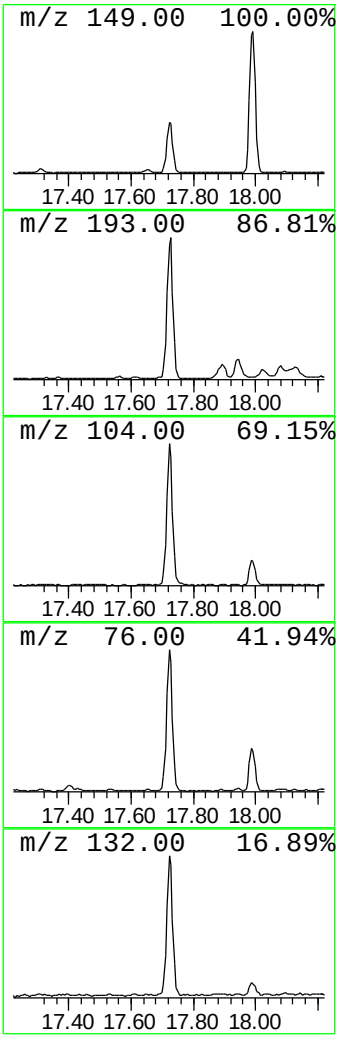
****

Peak Number 7 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	8.83 ng/ul	1073620	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	43
2	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	38
3	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	38
4	2-(Propoxycarbonyl)benzoic acid	208	C11H12O4	1000373-63-1	27
5	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	27





Library Search Compound Report

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Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

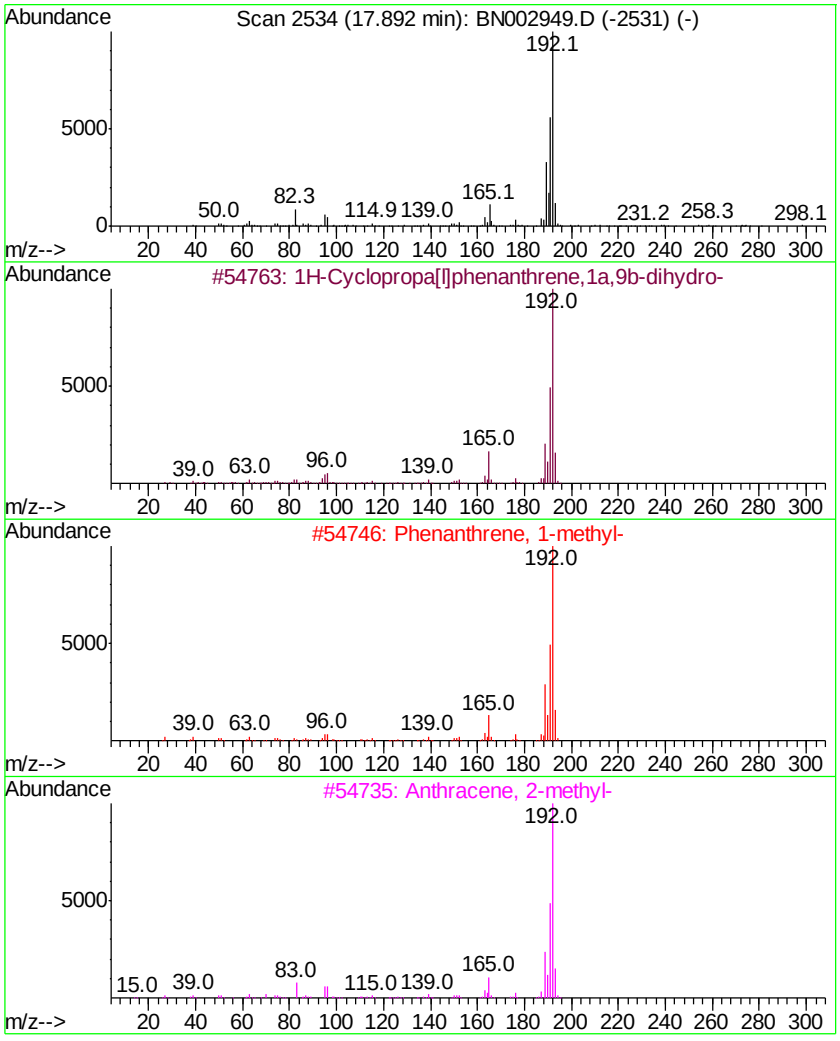
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

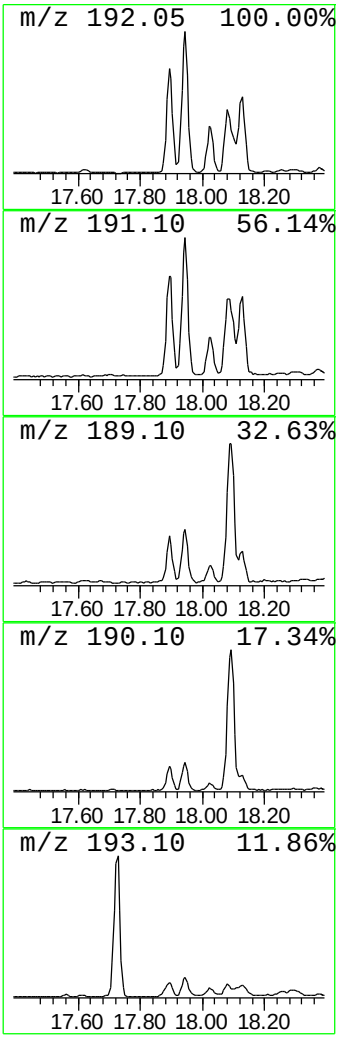
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.05 ng/ul	249182	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Sample : J5184-03
Misc :
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Instrument : BNA_N
ClientSampleId : JLC22

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Quant Title : SVOA CALIBRATION

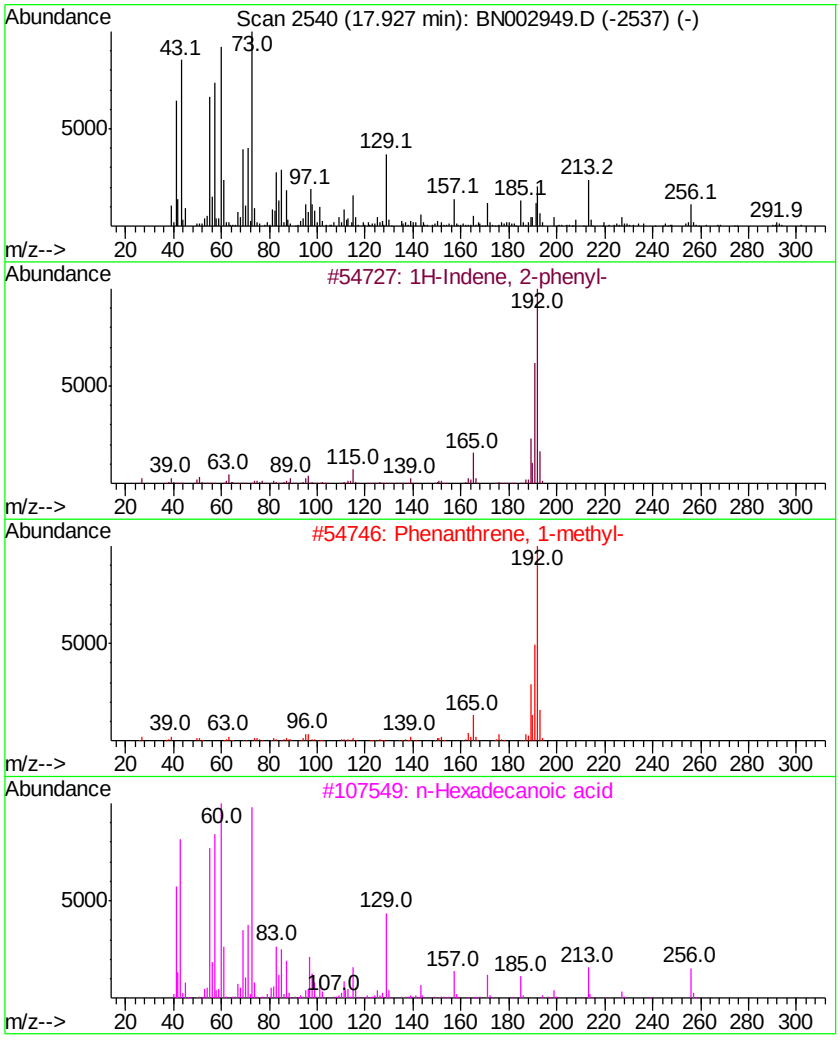
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

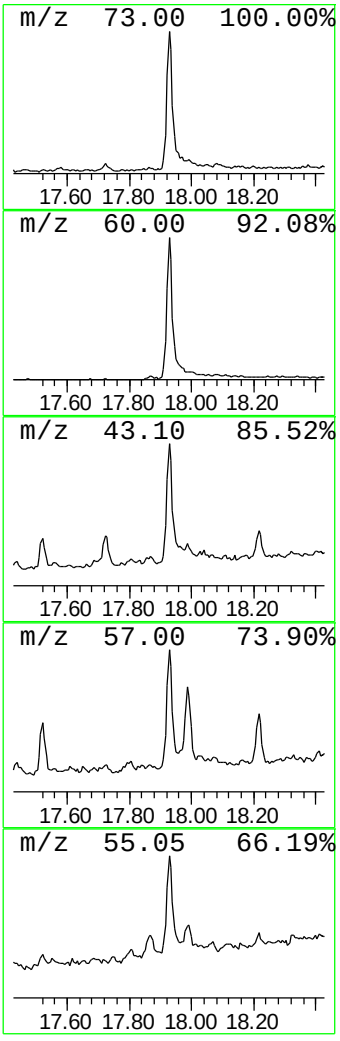
****

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.45 ng/ul	904898	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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

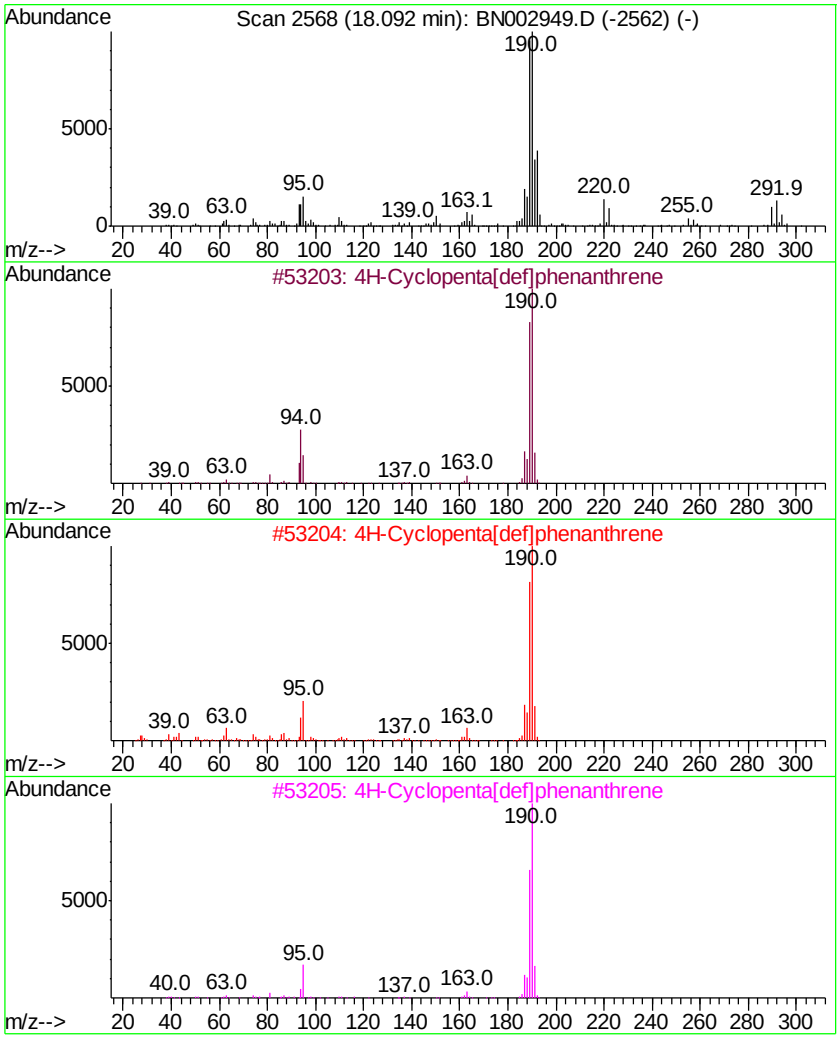
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

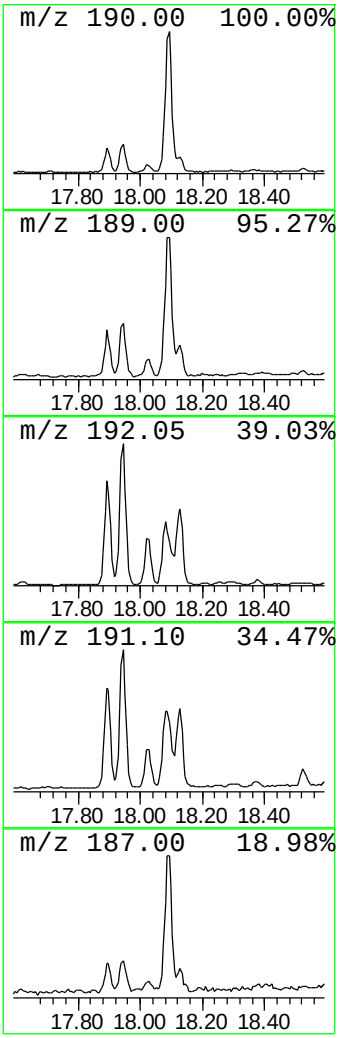
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.53 ng/ul	793370	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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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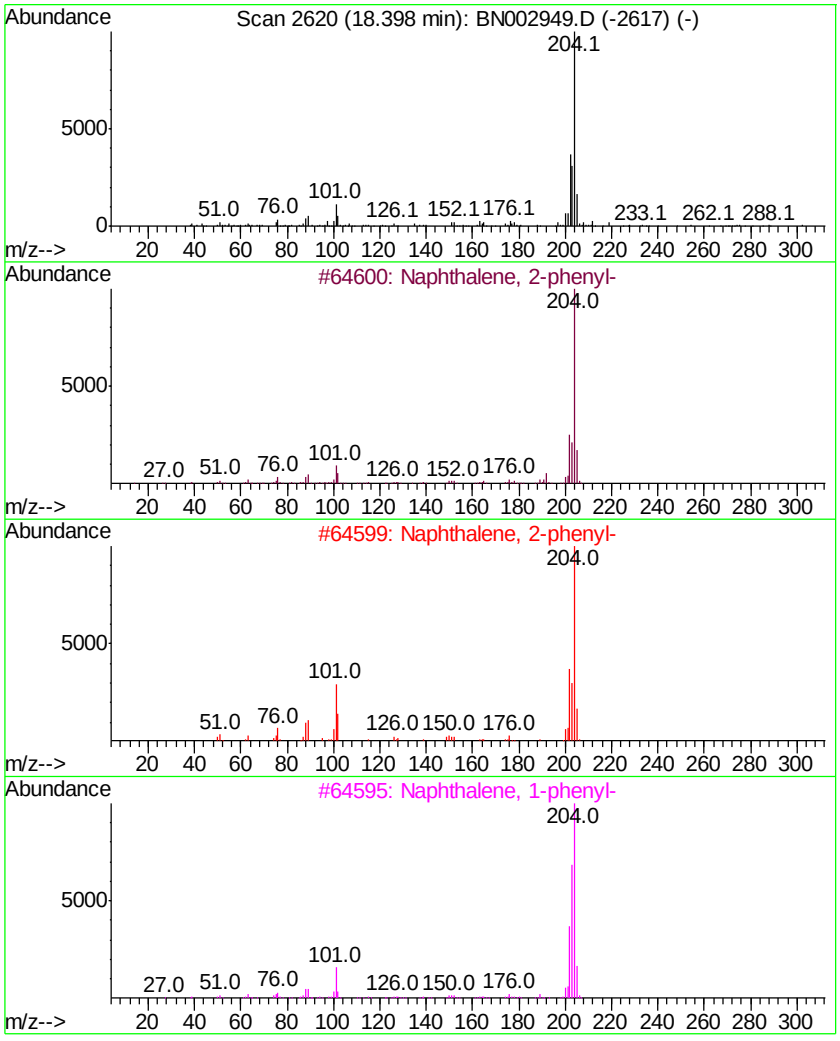
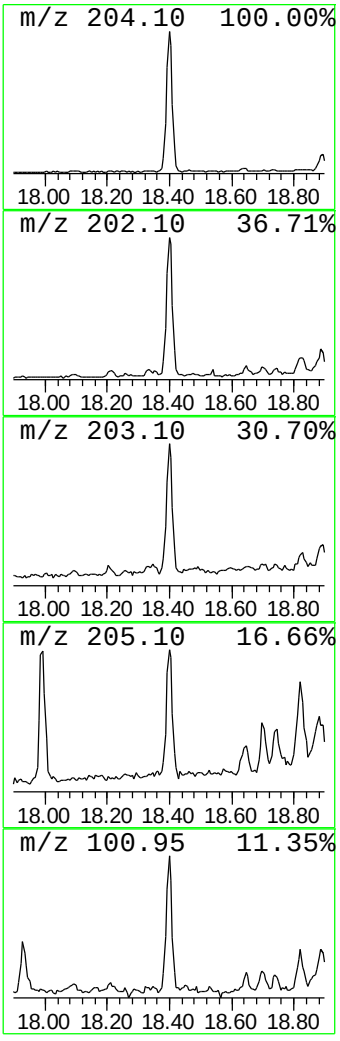
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.22 ng/ul	269255	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





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Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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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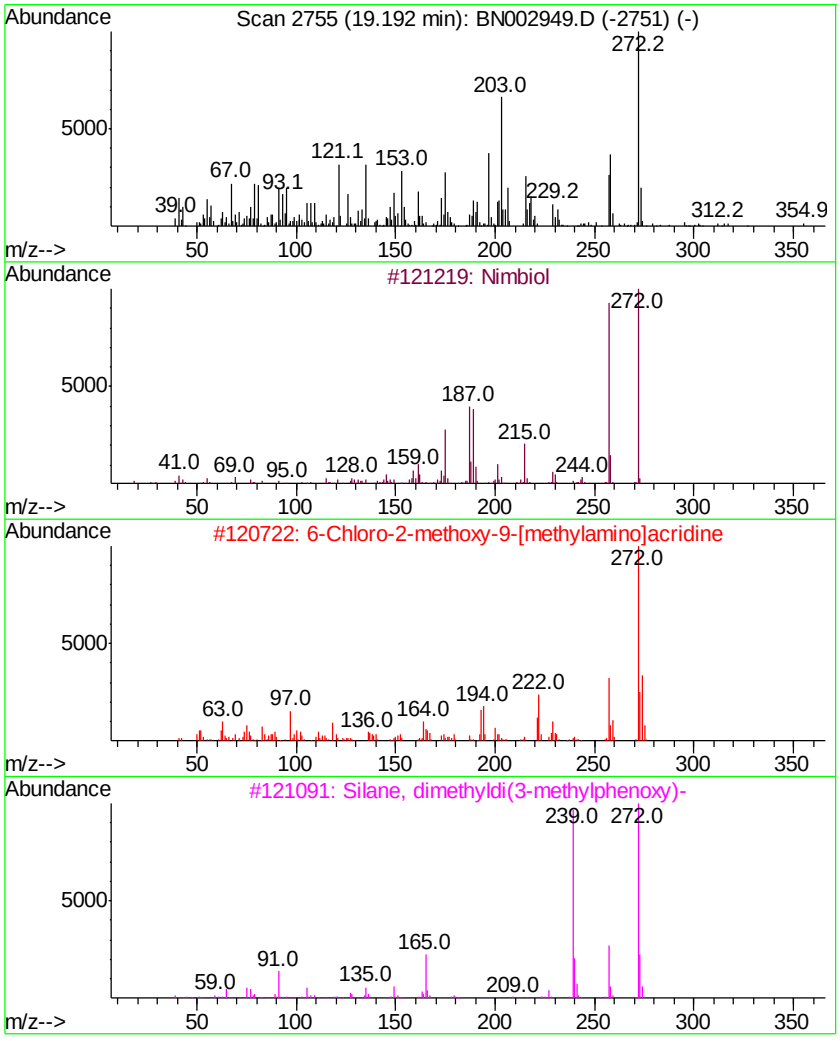
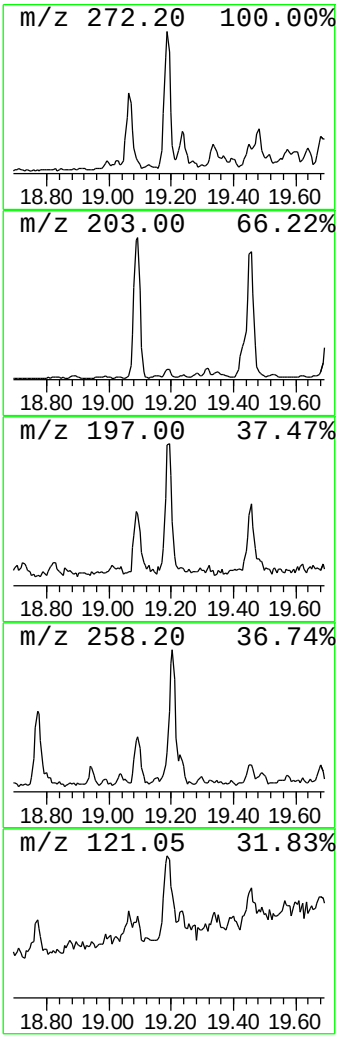
Peak Number 12 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.19 ng/ul	516015	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nimbiol	272	C18H24O2	000561-95-5	38
2	6-Chloro-2-methoxy-9-[methylamin...	272	C15H13ClN2O	004822-23-5	38
3	Silane, dimethyldi(3-methylpheno...	272	C16H20O2Si	1000347-34-1	35
4	2,4-Diamino-5-[3,4-isopropyliden...	272	C14H16N4O2	063124-61-8	27
5	2,4-Diamino-6-[p-chlorophenyl]pt...	272	C12H9ClN6	030146-32-8	27





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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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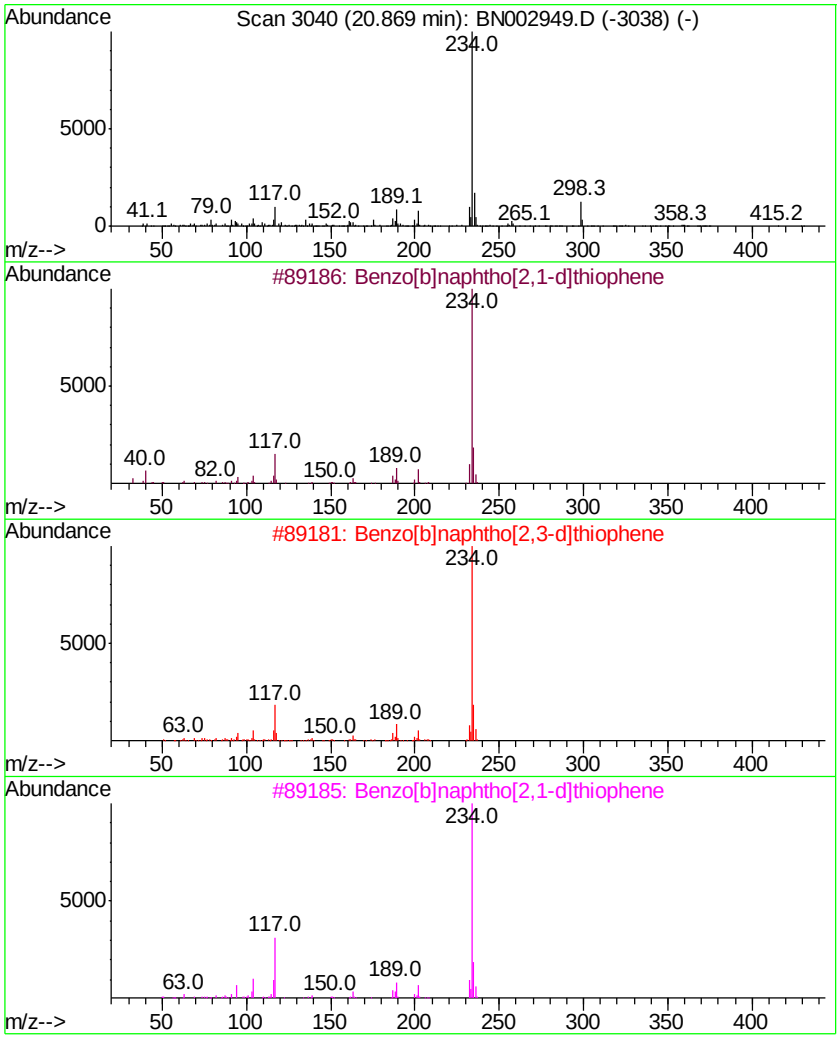
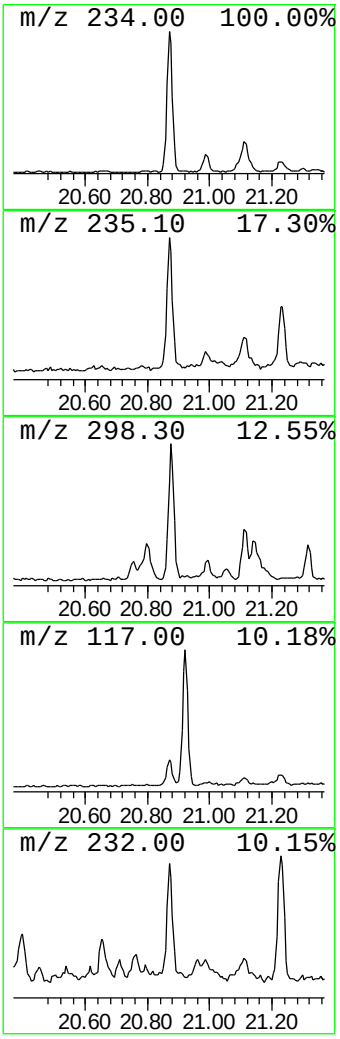
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.11 ng/ul	495777	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	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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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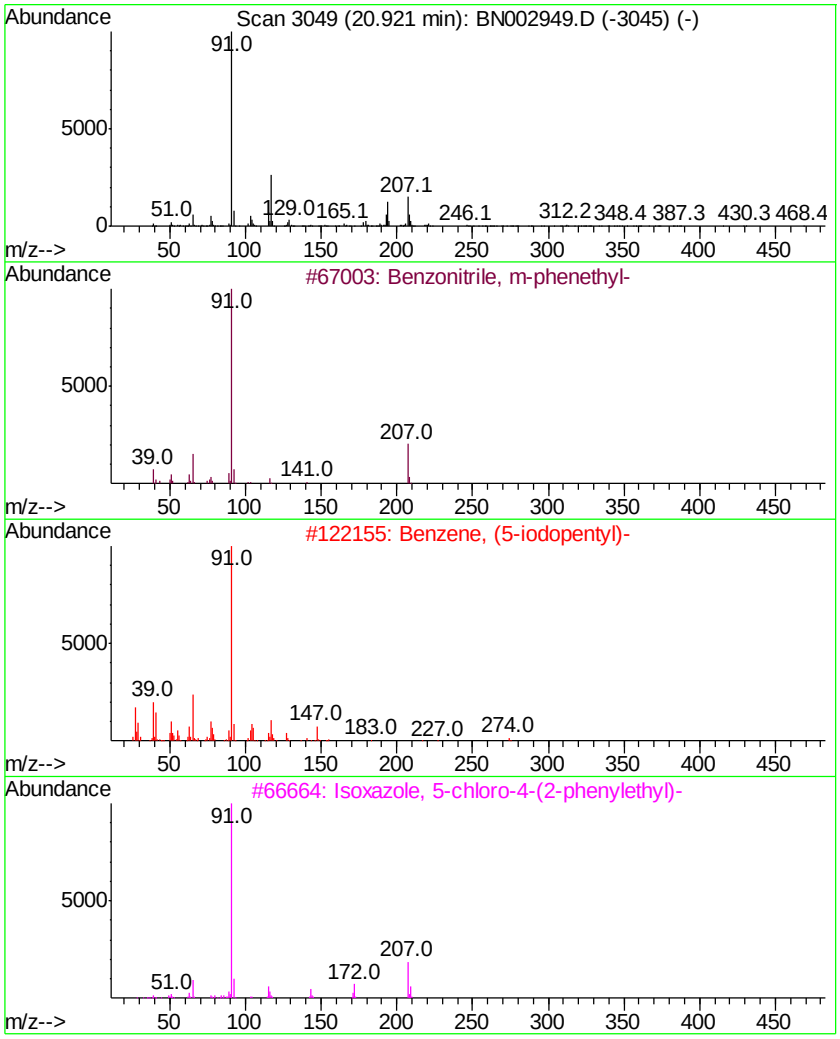
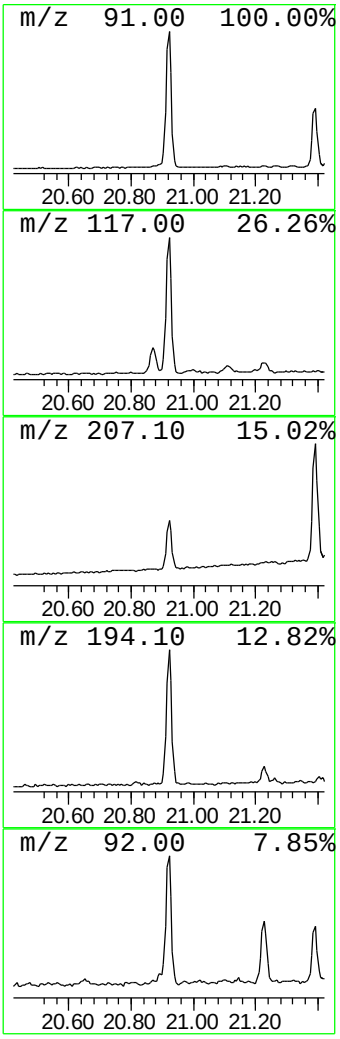
Peak Number 14 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.59 ng/ul	1315410	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	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	17
4	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
5	2-Propenoic acid, 3-[(phenylmeth...	194	C10H10O2S	013831-01-1	16





Library Search Compound Report

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Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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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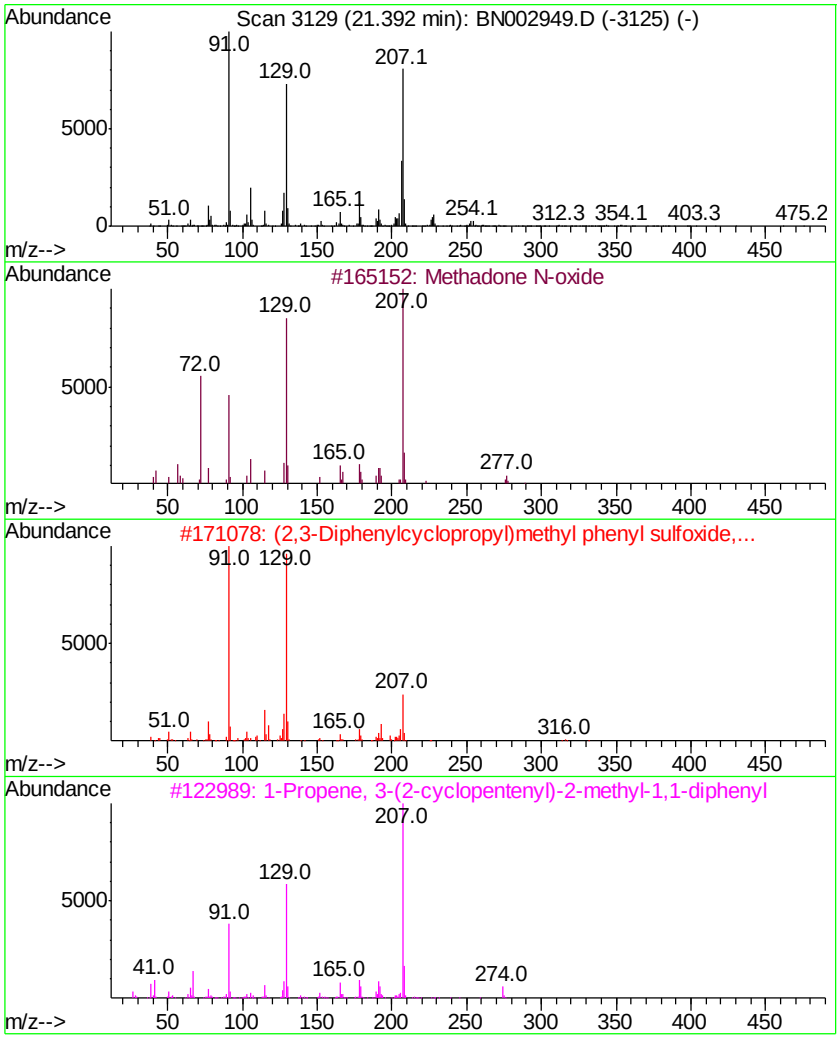
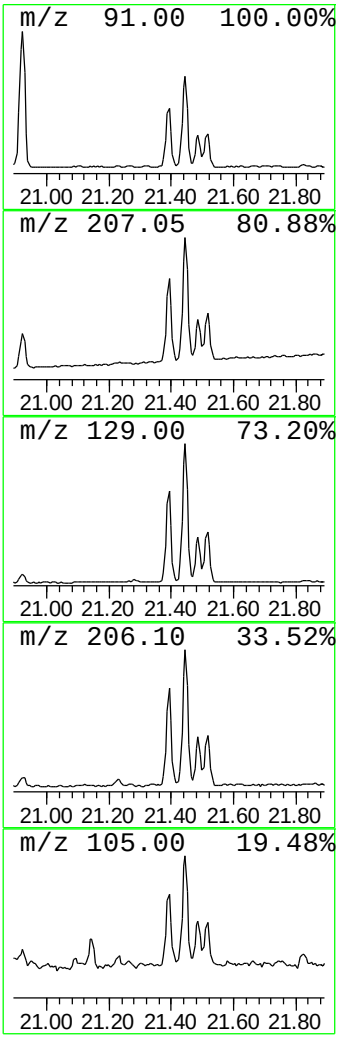
Peak Number 15 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	5.70 ng/ul	1341370	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	49
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	47
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	43
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	35





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Instrument : BNA_N
ClientSampleId : JLC22

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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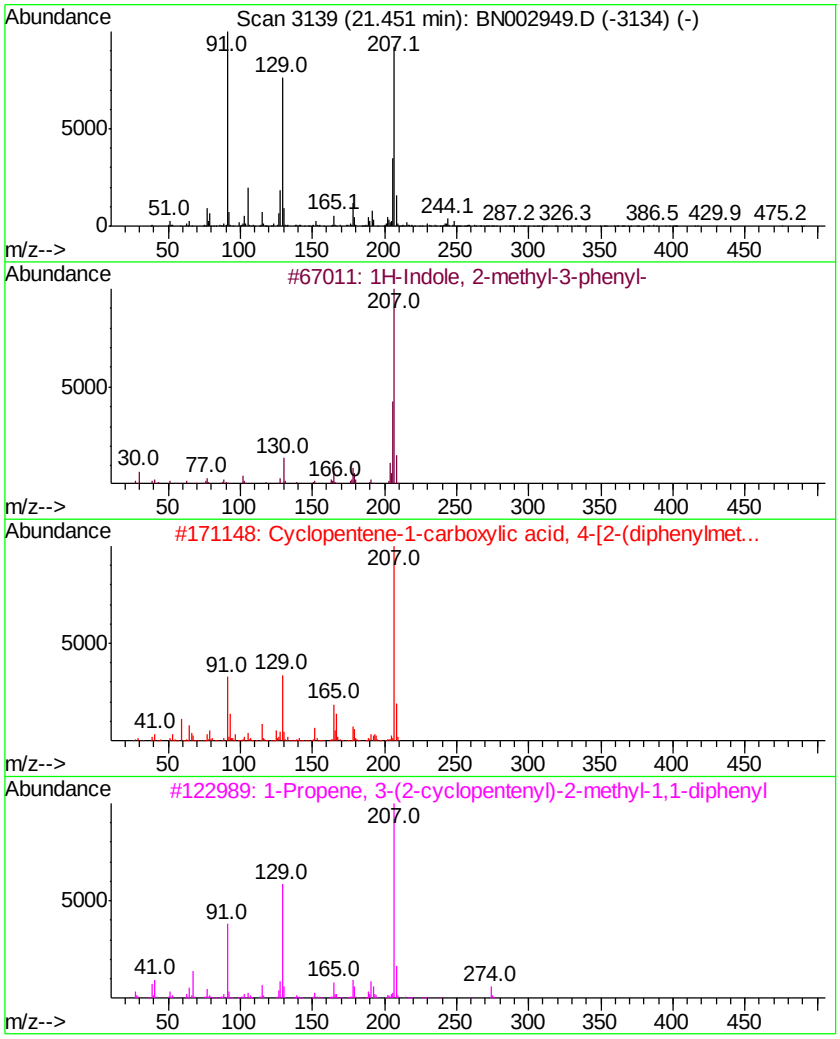
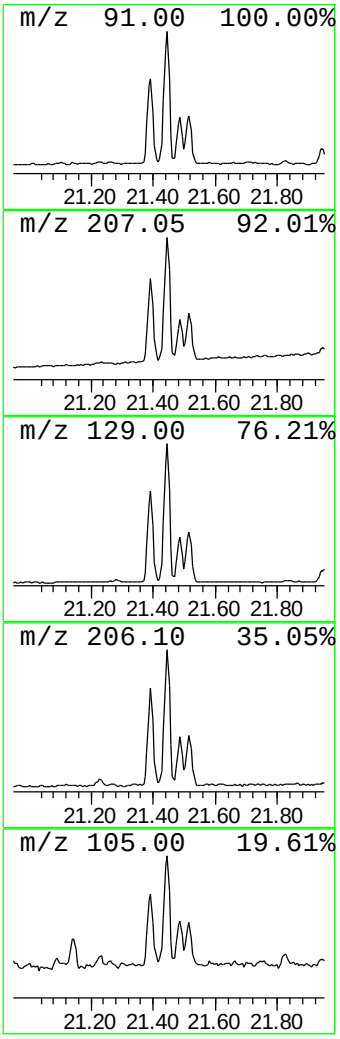
Peak Number 16 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	6.54 ng/ul	1537860	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	55
2	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	50
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	50
4	Methadone N-oxide	325	C21H27NO2	1000120-80-7	40
5	1-benzylindole	207	C15H13N	1000334-31-3	38





Tentatively Identified Compound (LSC) summary

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Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC22

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
unknown-01	3.69	2.8	ng/ul	129923	1	7.62	920178	20.0
Bicyclo[4.2.0]oct...	5.65	2.4	ng/ul	111699	1	7.62	920178	20.0
Tri(2-chloroethyl...	16.53	2.6	ng/ul	320413	4	17.02	2430760	20.0
Benzene, 1,1'-(1,...	16.62	4.8	ng/ul	582947	4	17.02	2430760	20.0
2-Propanol, 1-chl...	16.79	9.6	ng/ul	1167490	4	17.02	2430760	20.0
Bis(1-chloro-2-pr...	16.89	3.0	ng/ul	364714	4	17.02	2430760	20.0
unknown-02	17.72	8.8	ng/ul	1073620	4	17.02	2430760	20.0
1H-Cyclopropa[l]p...	17.89	2.0	ng/ul	249182	4	17.02	2430760	20.0
1H-Indene, 2-phenyl-	17.93	7.5	ng/ul	904898	4	17.02	2430760	20.0
4H-Cyclopenta[def...	18.09	6.5	ng/ul	793370	4	17.02	2430760	20.0
Naphthalene, 2-ph...	18.40	2.2	ng/ul	269255	4	17.02	2430760	20.0
unknown-03	19.19	2.2	ng/ul	516015	5	21.23	4706170	20.0
Benzo[b]naphtho[2...	20.87	2.1	ng/ul	495777	5	21.23	4706170	20.0
unknown-04	20.92	5.6	ng/ul	1315410	5	21.23	4706170	20.0
unknown-05	21.39	5.7	ng/ul	1341370	5	21.23	4706170	20.0
1H-Indole, 2-meth...	21.45	6.5	ng/ul	1537860	5	21.23	4706170	20.0