LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

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-BN081318MA.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	4.834	308	314	325	rBV2	27773	46524	1.01%	0.074%
2	6.846	650	656	668	rBV	324480	603150	13.05%	0.958%
3	7.005	677	683	695	rBV	271225	430682	9.32%	0.684%
4	7.199	709	716	727	rBV	339548	571450	12.37%	0.908%
5	7.664	788	795	803	rBV	547120	885012	19.15%	1.406%
6	8.369	909	915	929	rBV	312696	556272	12.04%	0.884%
7	8.810	983	990	1000	rBV	345723	585175	12.66%	0.930%
8	9.528	1105	1112	1123	rBV	291849	501676	10.86%	0.797%
9	10.063	1197	1203	1218	rBV	406103	778531	16.85%	1.237%
10	10.434	1257	1266	1273	rBV	853889	1473485	31.89%	2.341%
11	10.575	1283	1290	1303	rBV	361110	720902	15.60%	1.145%
12	13.193	1729	1735	1743	rBV	248191	415695	9.00%	0.660%
13	13.704	1817	1822	1827	rBV	922401	1359067	29.41%	2.159%
14	13.757	1827	1831	1838	rVV	638930	927947	20.08%	1.474%
15	13.816	1838	1841	1850	rVB6	27776	54334	1.18%	0.086%
16	13.987	1860	1870	1876	rBV	1065494	1700383	36.80%	2.701%
17	14.116	1889	1892	1901	rVB5	47176	85205	1.84%	0.135%
18	14.293	1916	1922	1930	rVB2	1360446	2126266	46.01%	3.378%
19	14.522	1953	1961	1974	rBV	245461	560486	12.13%	0.890%
20	14.628	1975	1979	1985	rVB4	40844	66749	1.44%	0.106%
21	15.087	2052	2057	2064	rBV5	43402	78737	1.70%	0.125%
22	15.293	2086	2092	2098	rBV	1468334	2086742	45.16%	3.315%
23	15.428	2110	2115	2124	rBV	372045	587547	12.71%	0.933%
24	16.340	2266	2270	2275	rVB2	65647	94477	2.04%	0.150%
25	16.663	2321	2325	2331	rVB2	121062	180286	3.90%	0.286%
26	16.769	2340	2343	2347	rVB3	75351	94632	2.05%	0.150%
27	16.969	2374	2377	2384	rVB	155195	219491	4.75%	0.349%
28	17.045	2384	2390	2395	rBV2	1758538	2642673	57.19%	4.198%
29	17.139	2401	2406	2416	rVB2	1584067	2314481	50.09%	3.677%
30	17.445	2455	2458	2461	rBV3	130140	161680	3.50%	0.257%
31	17.504	2461	2468	2474	rVB6	284807	647581	14.01%	1.029%
32	17.557	2474	2477	2484	rVB4	301915	479440	10.38%	0.762%
33	17.622	2484	2488	2496	rBV6	182681	424054	9.18%	0.674%
34	17.692	2497	2500	2502	rBV2	89882	116937	2.53%	0.186%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

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-BN081318MA.M
Title : SVOA CALIBRATION

35	17.728	2502	2506	2511	rVB	995250	1296904	28.07%	2.060%
36	17.898	2531	2535	2542	rBV2	1157165	1664334	36.02%	2.644%
37	18.004	2549	2553	2557	rVB	868922	1107226	23.96%	1.759%
38	18.063	2558	2563	2568	rBV6	674535	1188333	25.72%	1.888%
39	18.128	2570	2574	2578	rVV	813416	940599	20.35%	1.494%
40	18.245	2588	2594	2604	rVB2	2066934	3734851	80.82%	5.933%
41	18.334	2605	2609	2615	rVV5	905339	1648638	35.68%	2.619%
42	18.386	2615	2618	2622	rVV2	457178	792364	17.15%	1.259%
43	18.428	2622	2625	2630	rVV3	544447	790459	17.11%	1.256%
44	18.486	2631	2635	2637	rVV2	456663	663881	14.37%	1.055%
45	18.522	2637	2641	2650	rVB	3165861	4620974	100.00%	7.340%
46	18.669	2662	2666	2670	rVB	1048617	1298404	28.10%	2.063%
47	18.798	2682	2688	2695	rVB	1831363	3325183	71.96%	5.282%
48	18.957	2710	2715	2719	rVB	620888	866275	18.75%	1.376%
49	19.163	2747	2750	2756	rVB	519656	737697	15.96%	1.172%
50	19.445	2793	2798	2806	rBV	2013076	2958388	64.02%	4.699%
51	19.639	2826	2831	2835	rBV2	911114	1195859	25.88%	1.900%
52	21.110	3077	3081	3086	rBV	543138	710109	15.37%	1.128%
53	21.245	3099	3104	3108	rBV	2376280	3036016	65.70%	4.823%
54	23.322	3451	3457	3472	rVB	1404942	3212331	69.52%	5.103%
55	23.463	3475	3481	3487	rVB2	1385171	2586107	55.96%	4.108%

Sum of corrected areas: 62952681

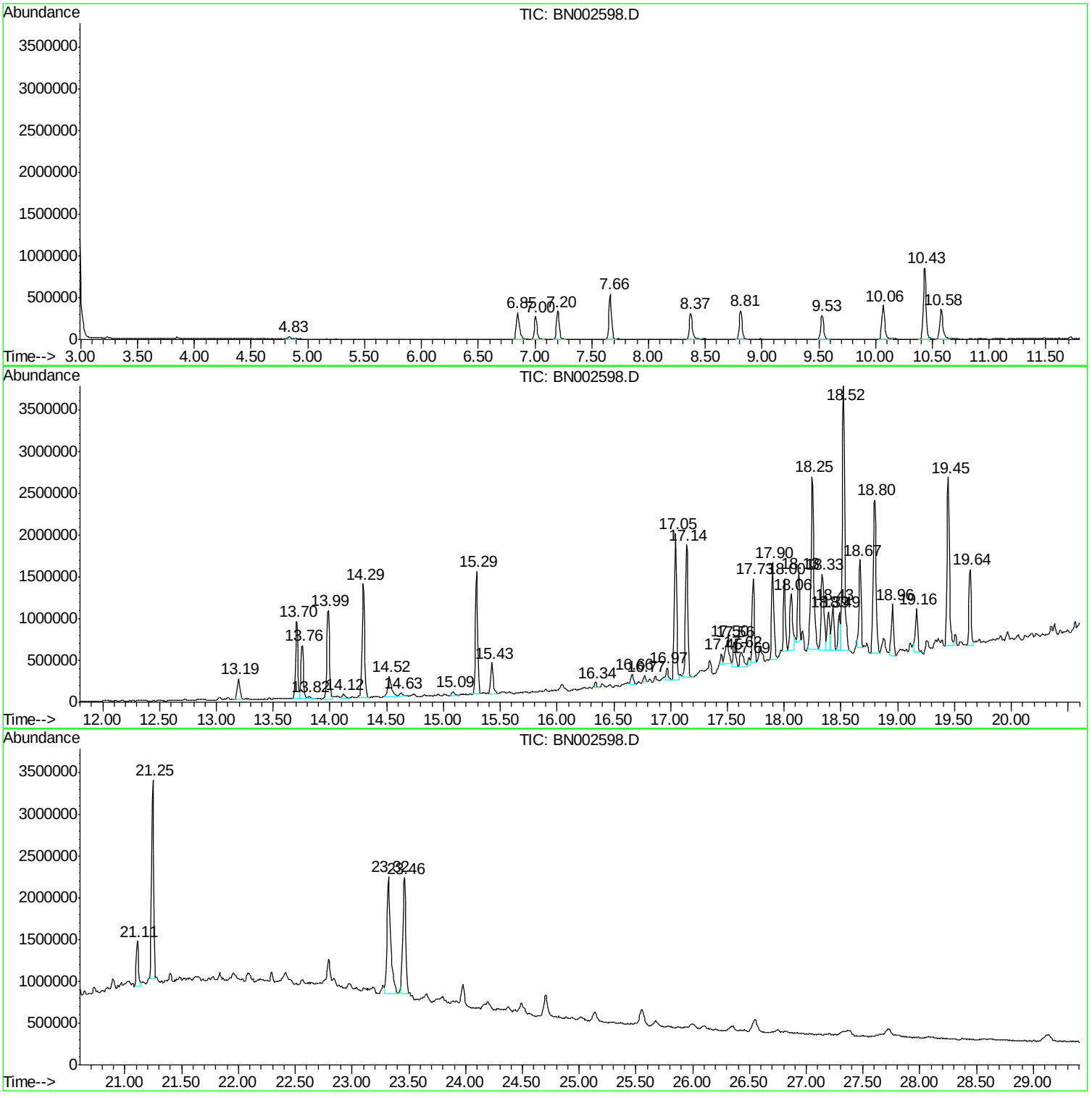
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

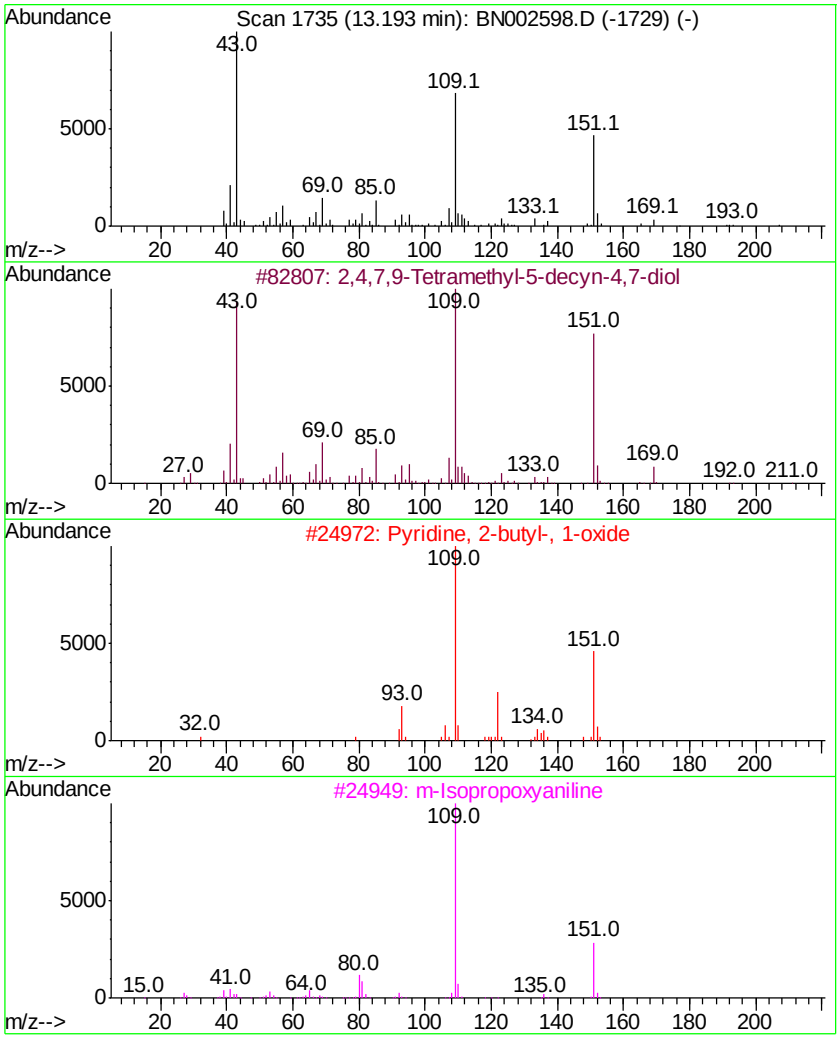
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

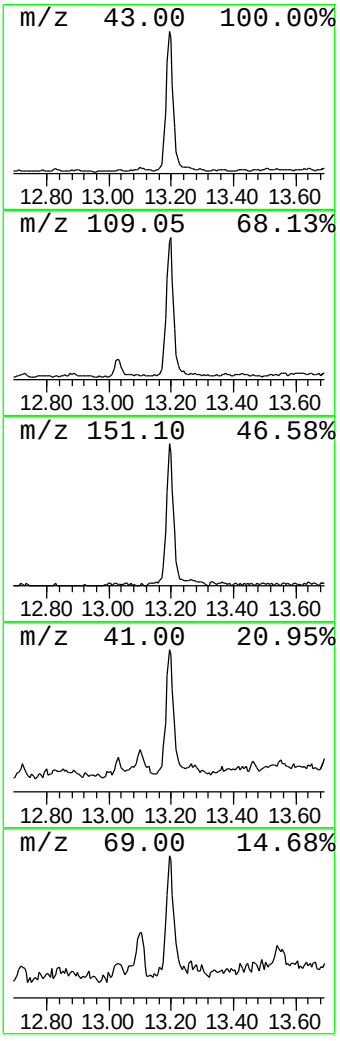
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.91 ng/ul	415695	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

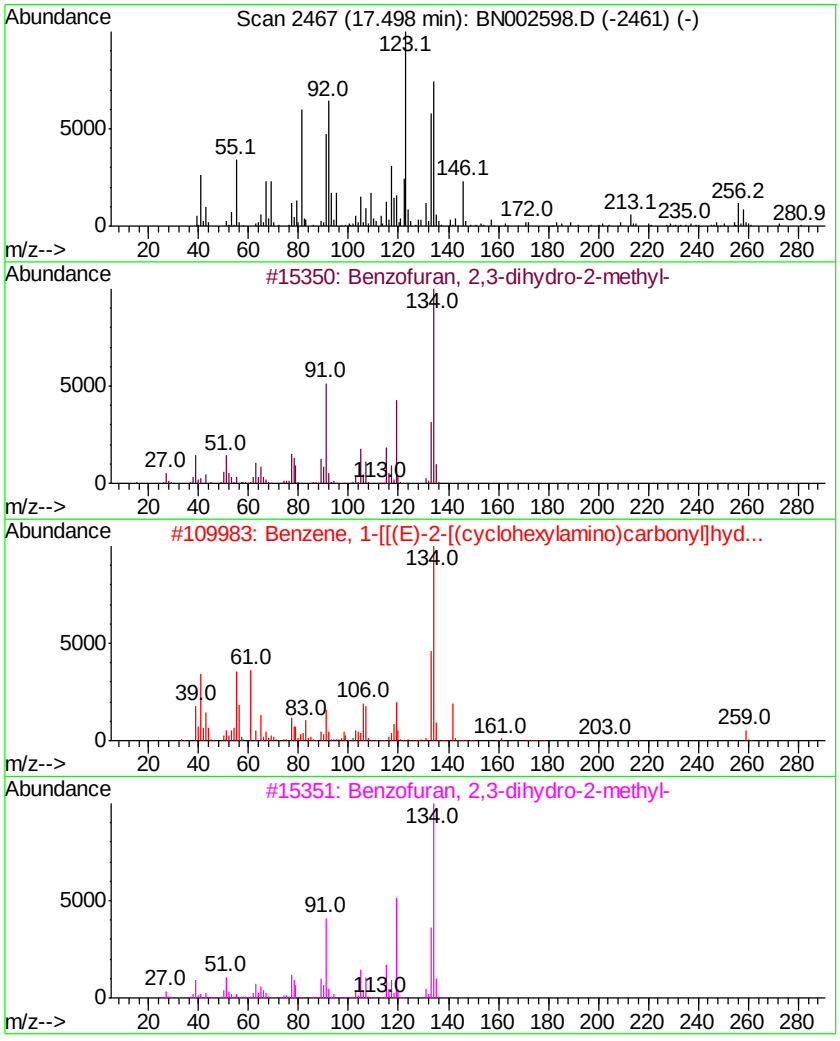
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

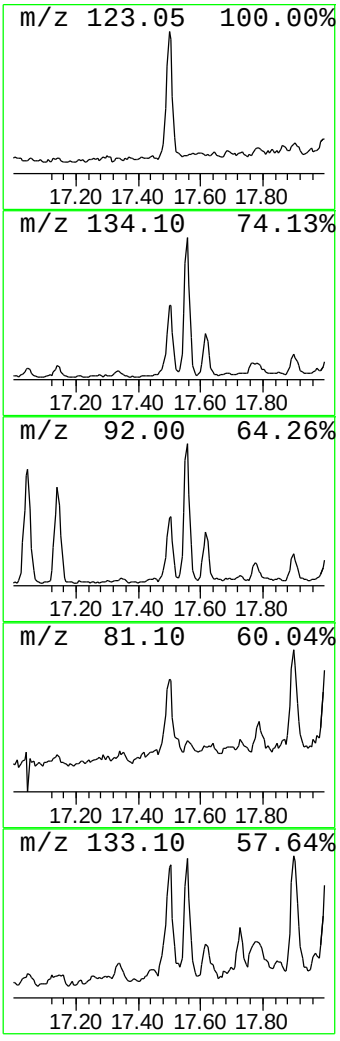
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.90 ng/ul	647581	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	30
2	Benzene, 1-[[(E)-2-[(cyclohexyla...	259	C15H21N3O	1000327-65-4	30
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	27
4	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	25
5	Phenol, 2-(2-propenyl)-, acetate	176	C11H12O2	004125-54-6	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

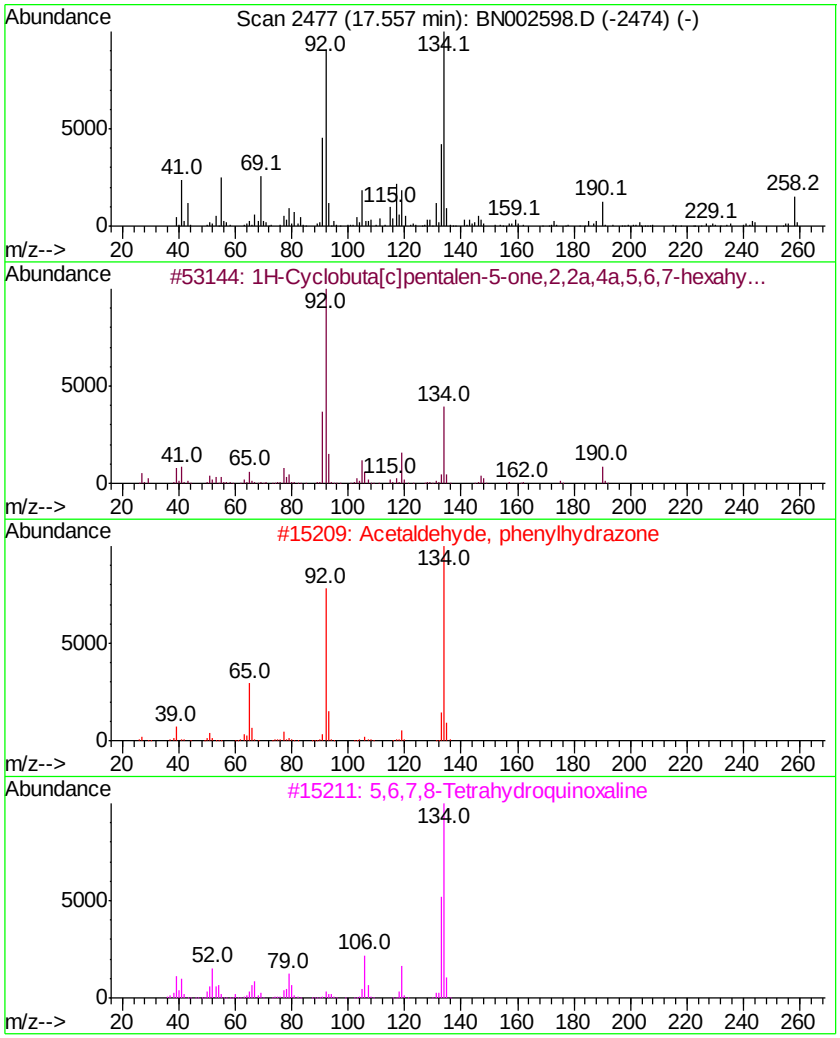
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

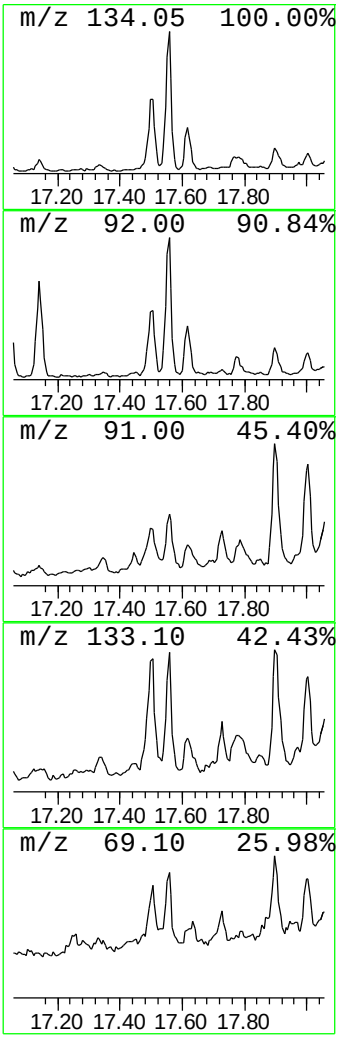
****

Peak Number 3 1H-Cyclobuta[c]pentalen-5-o... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.63 ng/ul	479440	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclobuta[c]pentalen-5-one,2,...	190	C13H18O	081532-22-1	58
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	50
3	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	38
4	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	38
5	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

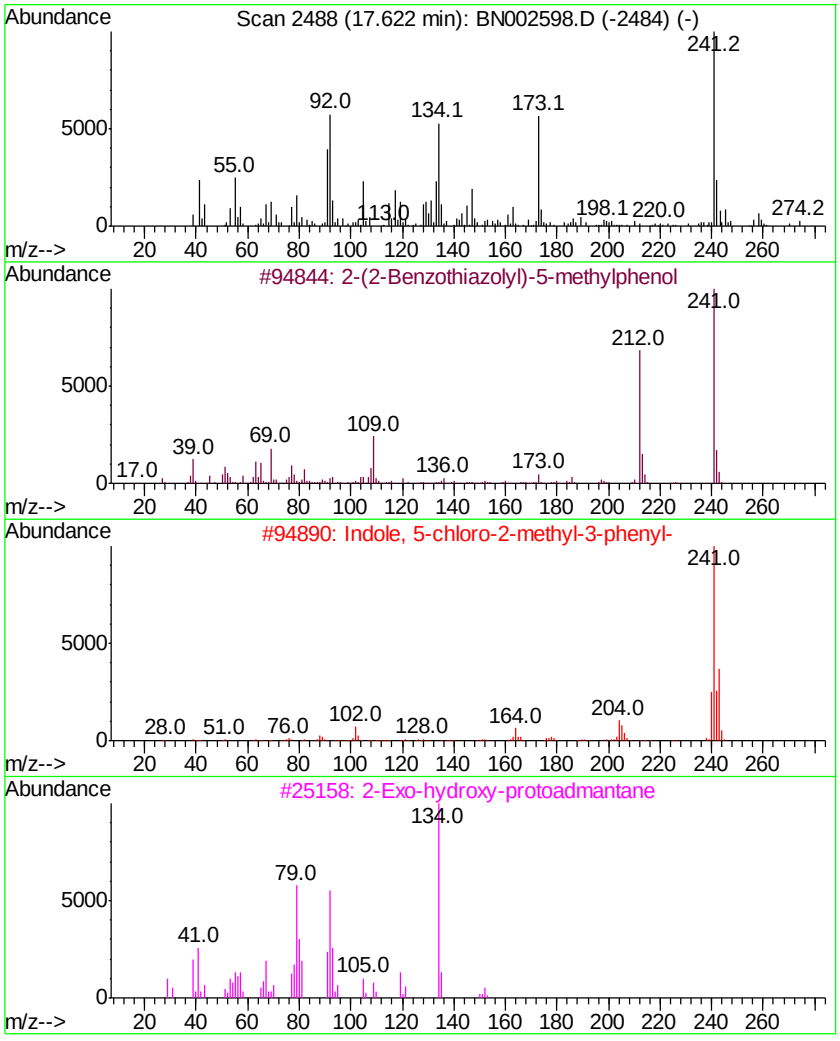
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

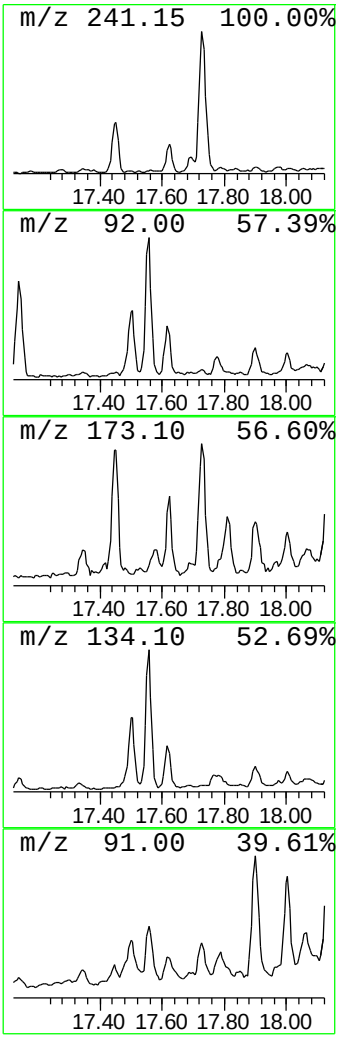
****

Peak Number 4 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.21 ng/ul	424054	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	25
2	Indole, 5-chloro-2-methyl-3-phenyl-	241	C15H12ClN	030843-37-9	22
3	2-Exo-hydroxy-protoadmantane	152	C10H16O	1000146-18-8	15
4	Iron, (.eta.5-2,4-cyclopentadien...	241	C14H17Fe	051812-08-9	12
5	5-((tert-Butyldimethylsilyl)oxy)...	298	C17H34O2Si	1000376-29-6	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

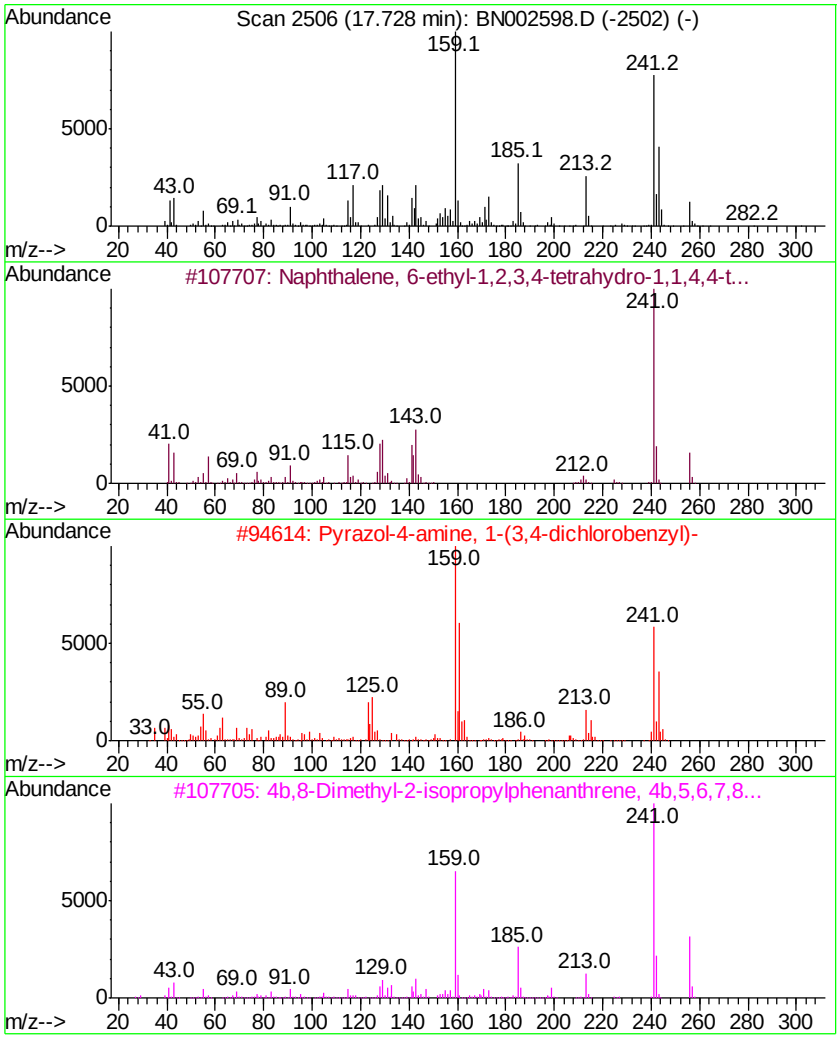
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

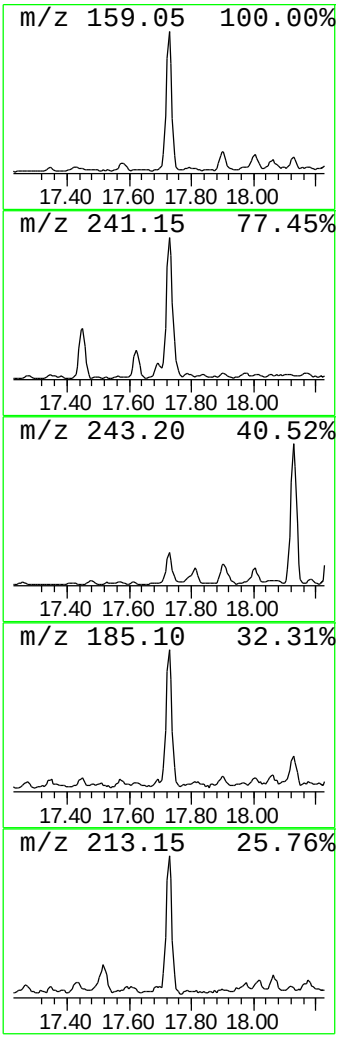
****

Peak Number 5 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	9.82 ng/ul	1296900	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	55
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	35
3	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	27
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	25
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

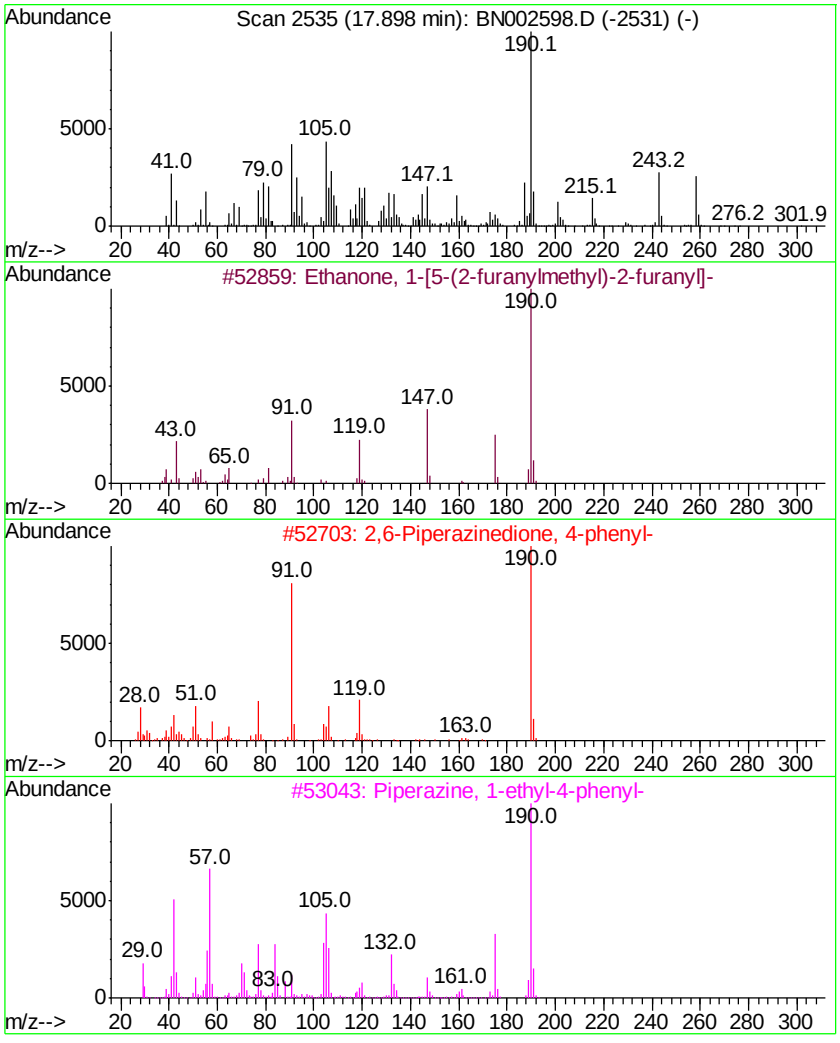
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

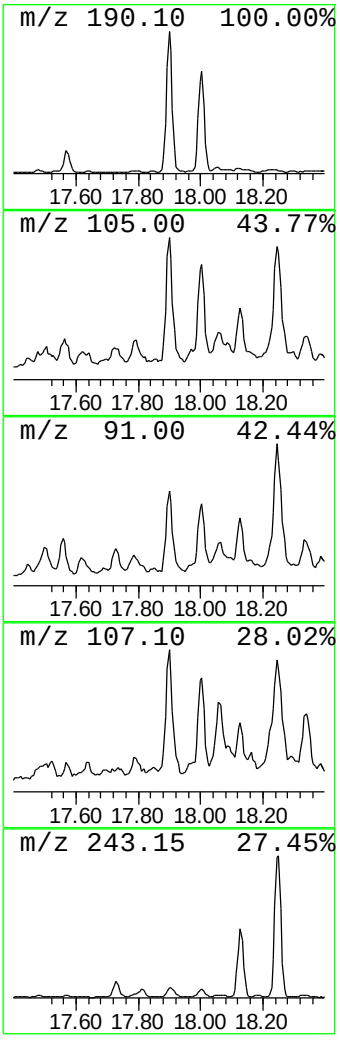
****

Peak Number 6 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	12.60 ng/ul	1664330	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	43
2	2,6-Piperazinedione, 4-phenyl-	190	C10H10N2O2	042239-75-8	43
3	Piperazine, 1-ethyl-4-phenyl-	190	C12H18N2	057498-25-6	35
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	30
5	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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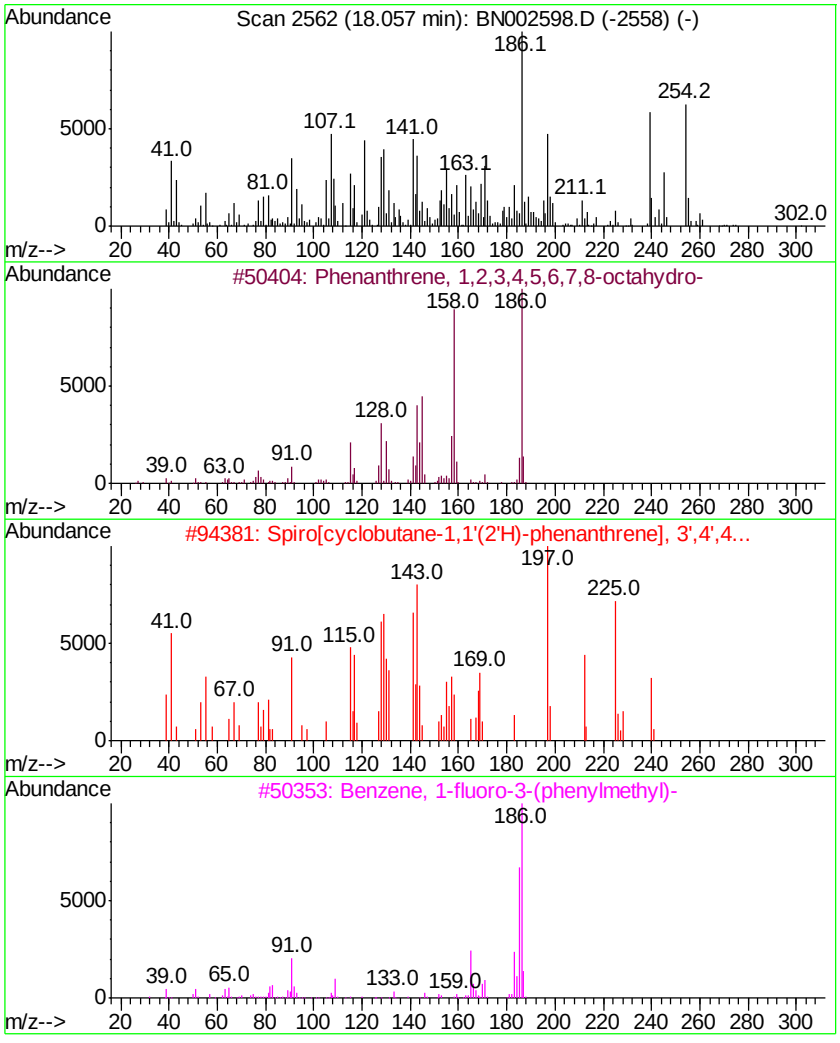
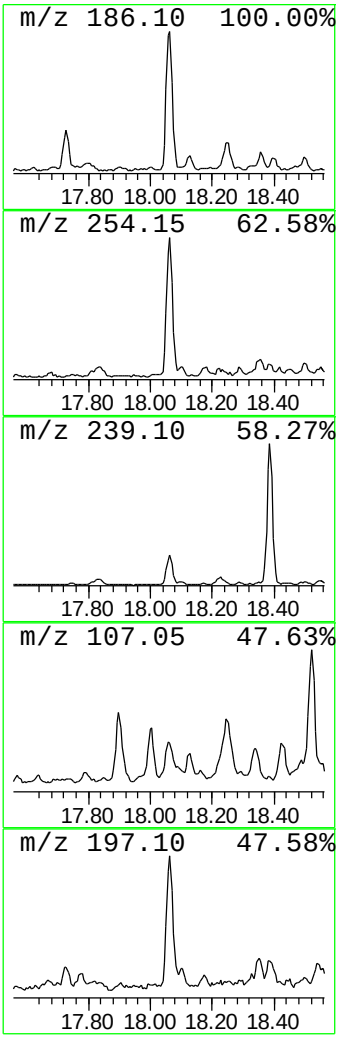
Peak Number 8 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.99 ng/ul	1188330	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	35
2	Spiro[cyclobutane-1,1'(2'H)-phen...	240	C18H24	065147-76-4	35
3	Benzene, 1-fluoro-3-(phenylmethyl)-	186	C13H11F	001496-00-0	25
4	As-hydrindacene-1-on	186	C13H14O	042981-70-4	20
5	[1,1'-Biphenyl]-2,5-diol	186	C12H10O2	001079-21-6	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

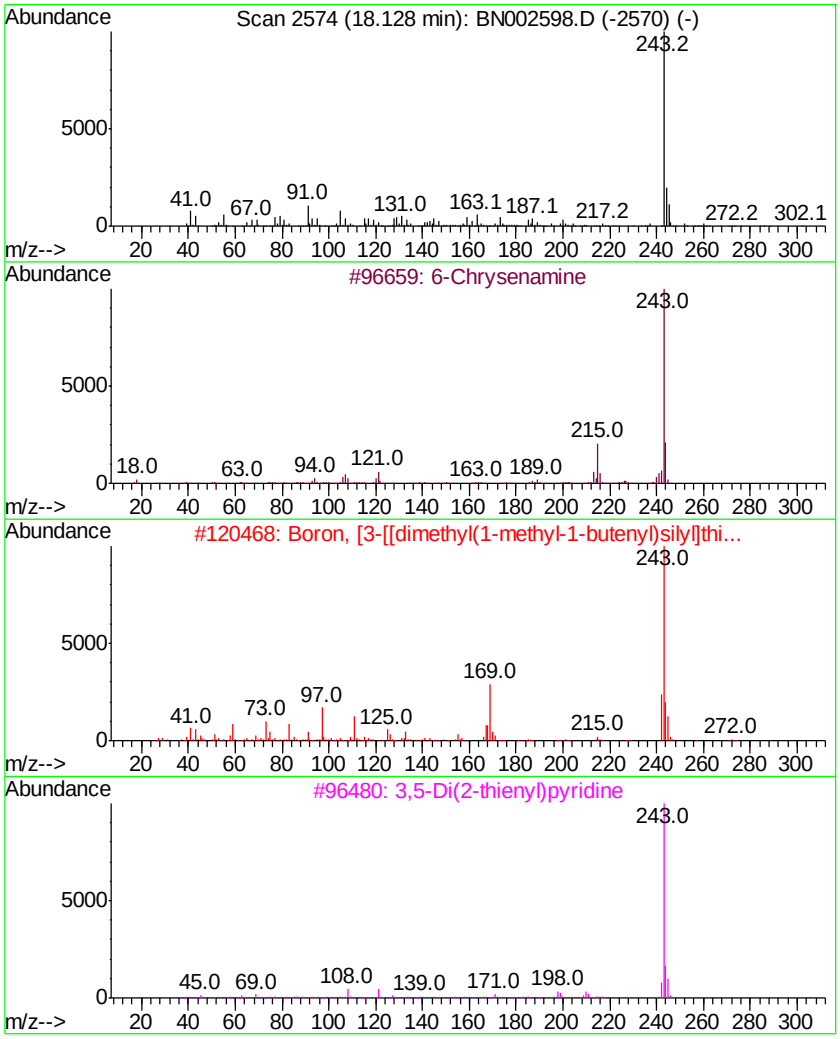
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

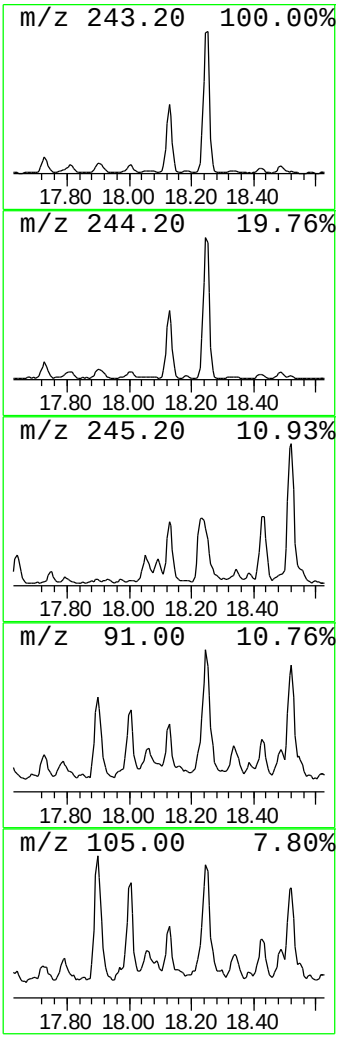
****

Peak Number 9 6-Chrysenamine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	7.12 ng/ul	940599	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chrysenamine	243	C18H13N	002642-98-0	59
2	Boron, [3-[[dimethyl(1-methyl-1-...	272	C12H25BS2Si	127855-38-3	56
3	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	56
4	Heptanoic acid, tripropylsilyl e...	286	C16H34O2Si	1000279-46-6	56
5	Pentanoic acid, tributylsilyl ester	300	C17H36O2Si	018547-64-3	56





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Misc :
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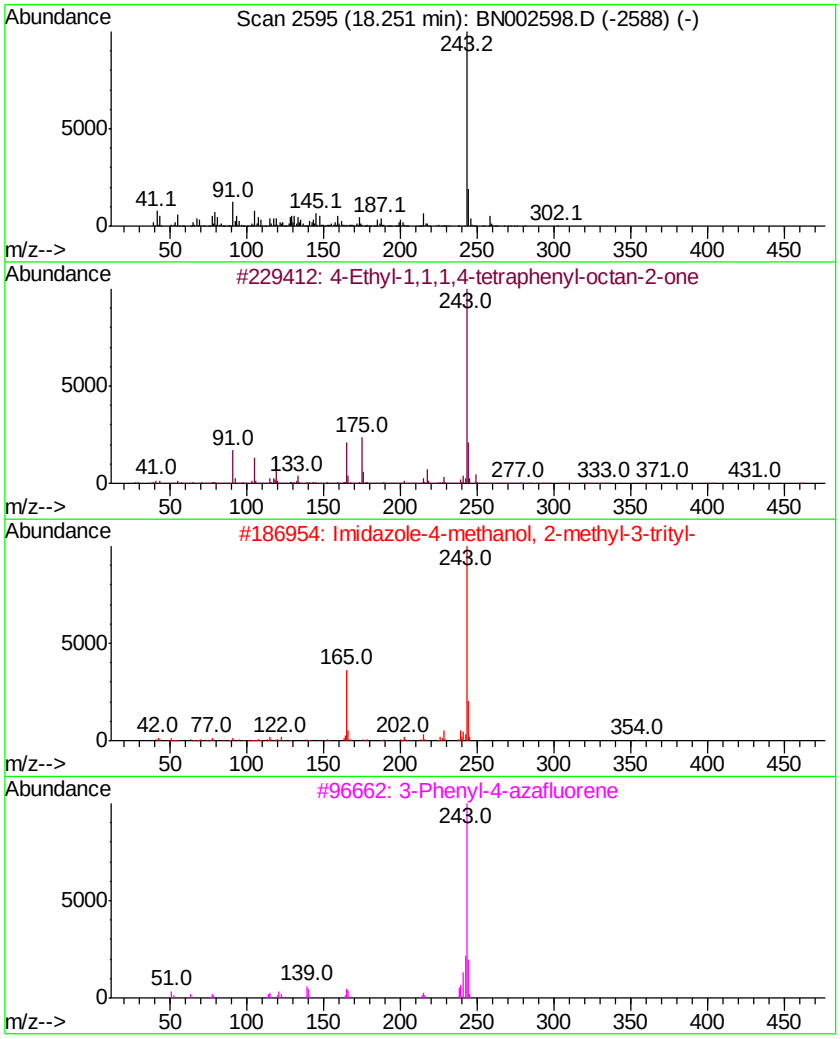
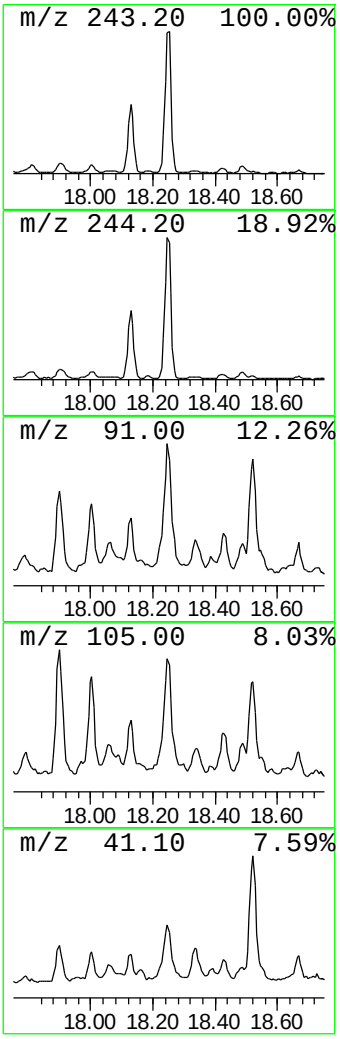
Peak Number 10 4-Ethyl-1,1,1,4-tetraphenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	28.27 ng/ul	3734850	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-1,1,1,4-tetraphenyl-octa...	460	C34H36O	1000186-91-2	59
2	Imidazole-4-methanol, 2-methyl-3...	354	C24H22N2O	1000126-12-6	59
3	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	59
4	Silane, diethylisobutoxy(trans-4...	272	C15H32O2Si	1000363-56-4	59
5	Acetic acid, 2-[3-oxo-1H-imidazo...	243	C12H9N3O3	1000337-79-9	53





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TIC Library : C:\Database\NIST11.L
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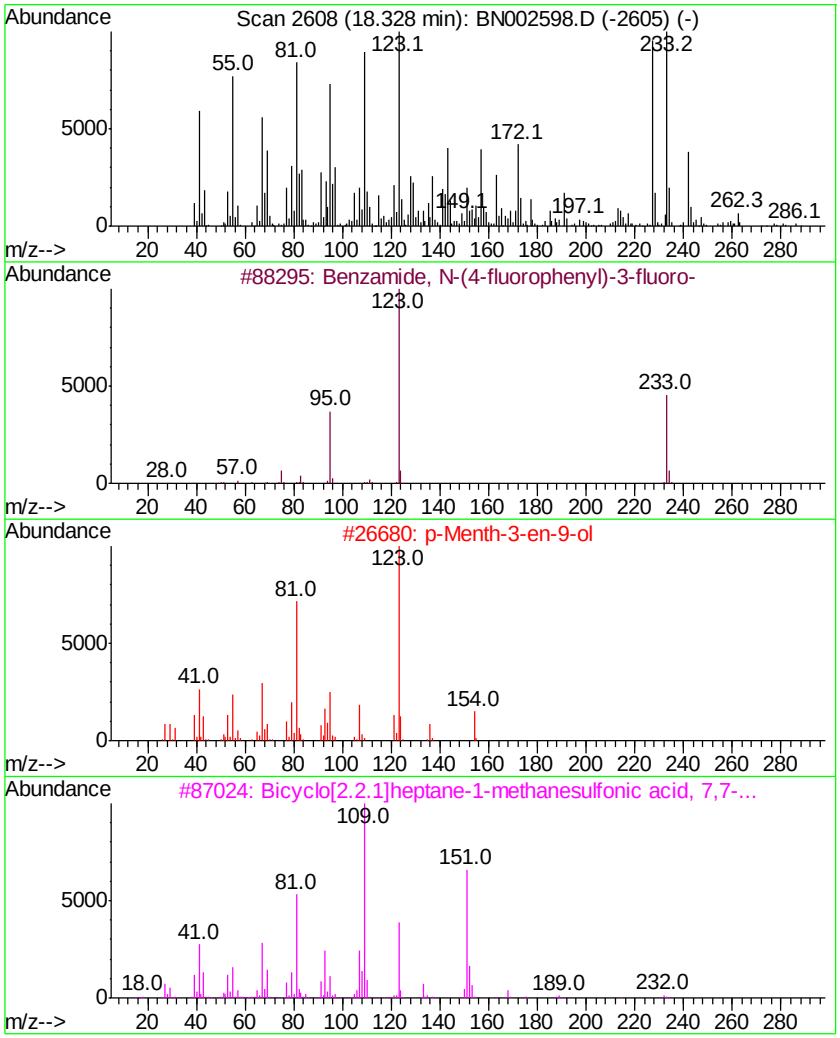
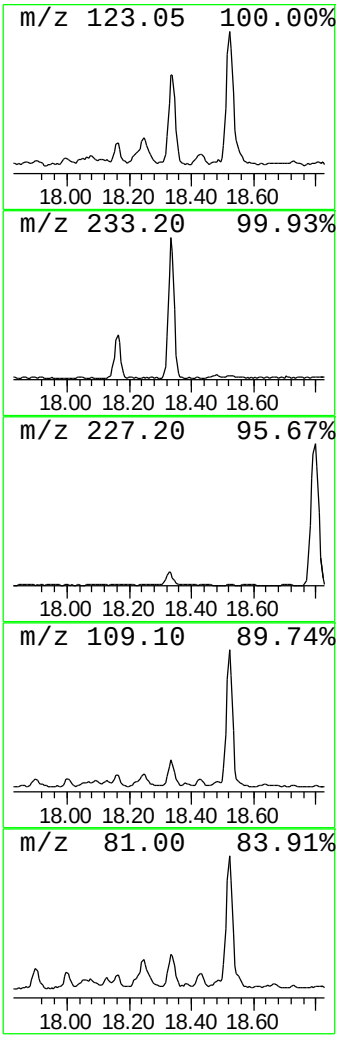
Peak Number 11 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	12.48 ng/ul	1648640	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	38
3	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	30
4	3-Undecyne	152	C11H20	060212-30-8	27
5	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	27





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

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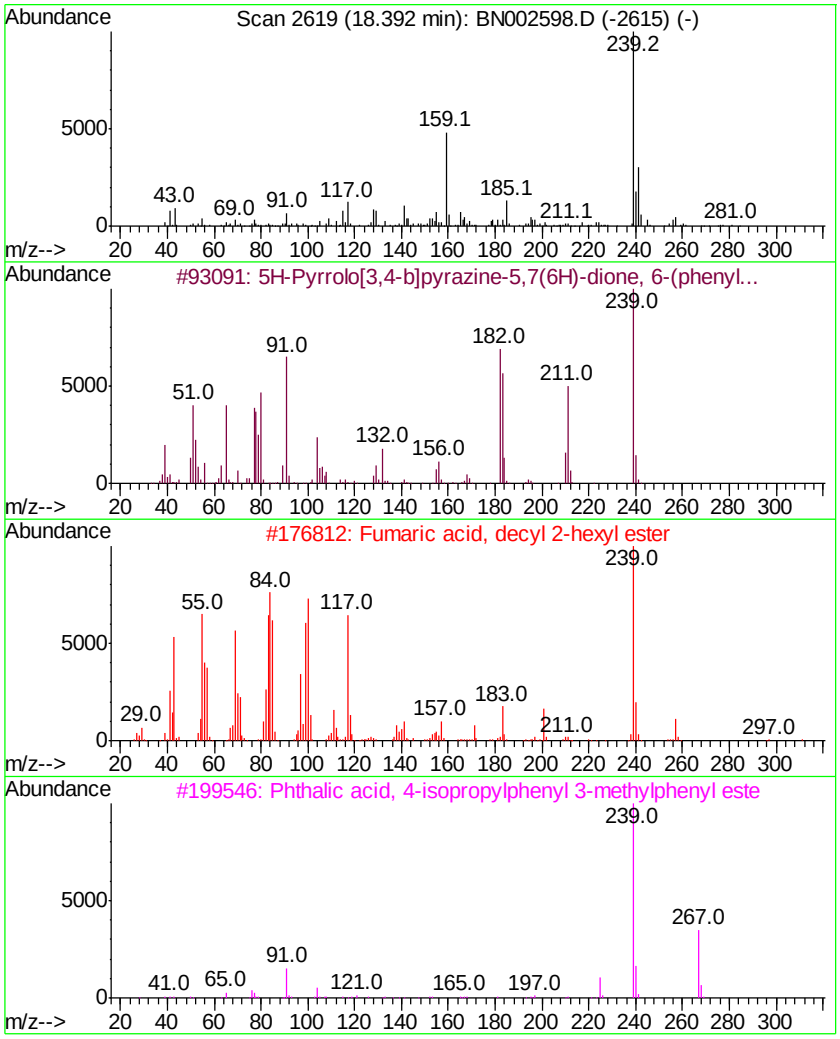
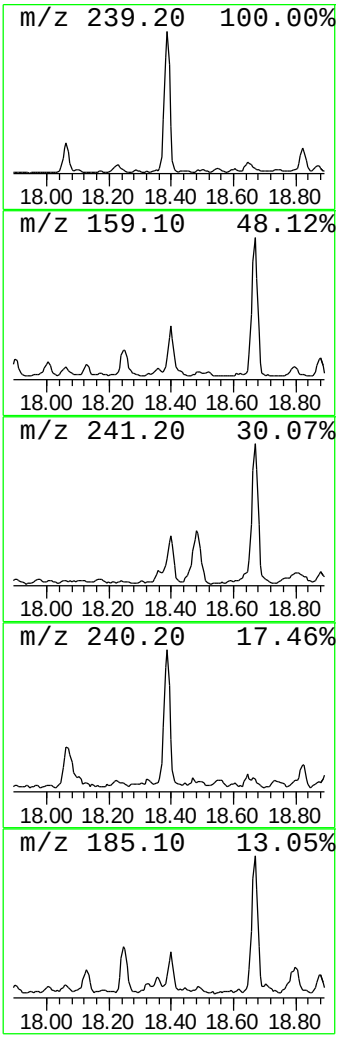
Peak Number 12 5H-Pyrrolo[3,4-b]pyrazine-5... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	6.00 ng/ul	792364	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	70
2	Fumaric acid, decyl 2-hexyl ester	340	C20H36O4	1000348-74-8	53
3	Phthalic acid, 4-isopropylphenyl...	374	C24H22O4	1000315-66-1	53
4	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	45
5	1,3-Bis(trimethylsiloxy)benzene	254	C12H22O2Si2	004520-29-0	45





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Quant Title : SVOA CALIBRATION

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

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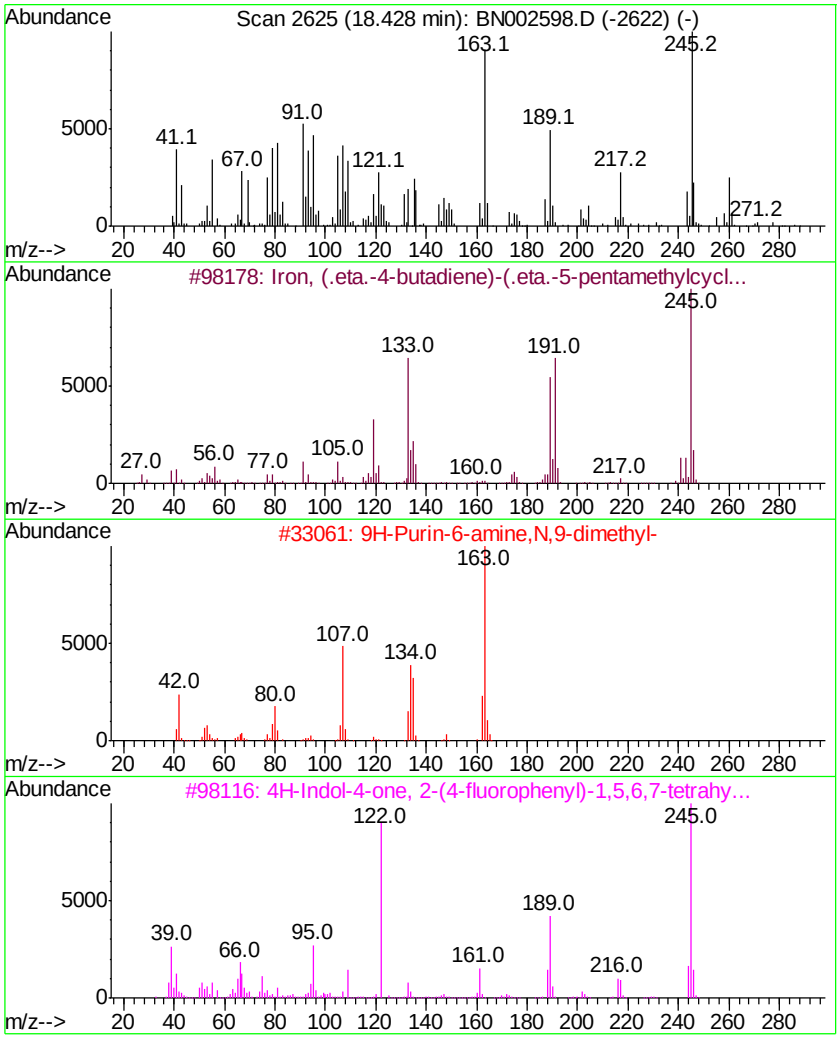
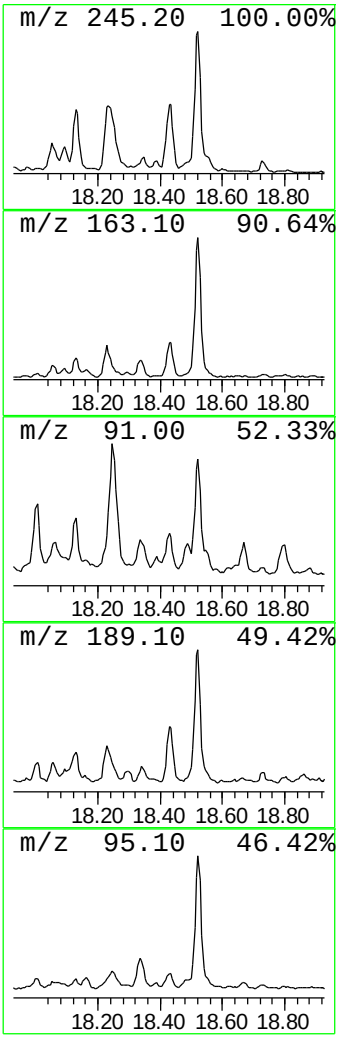
Peak Number 13 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.98 ng/ul	790459	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, (.eta.-4-butadiene)-(.eta....	245	C14H21Fe	1000161-69-5	30
2	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	27
3	4H-Indol-4-one, 2-(4-fluorophenv...	245	C14H12FNO2	1000337-74-5	27
4	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	22
5	3-Pyridinemethanol, .alpha.-[3-[...	260	C16H24N2O	1000337-80-3	18





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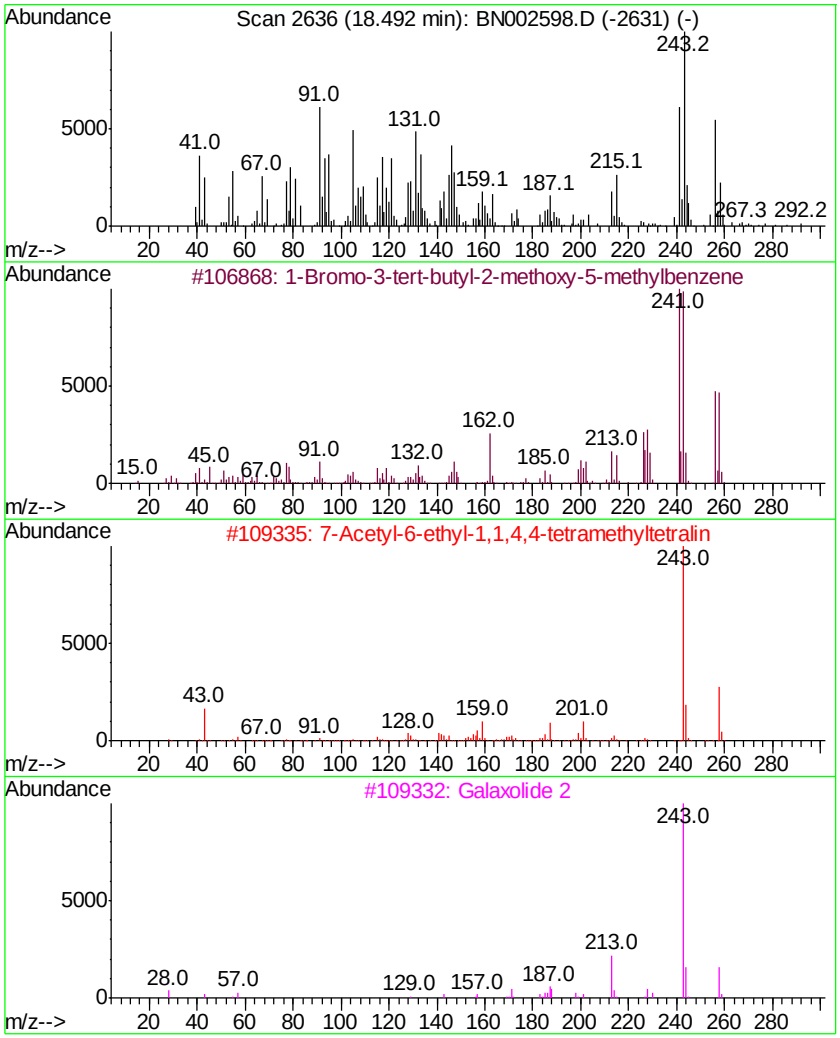
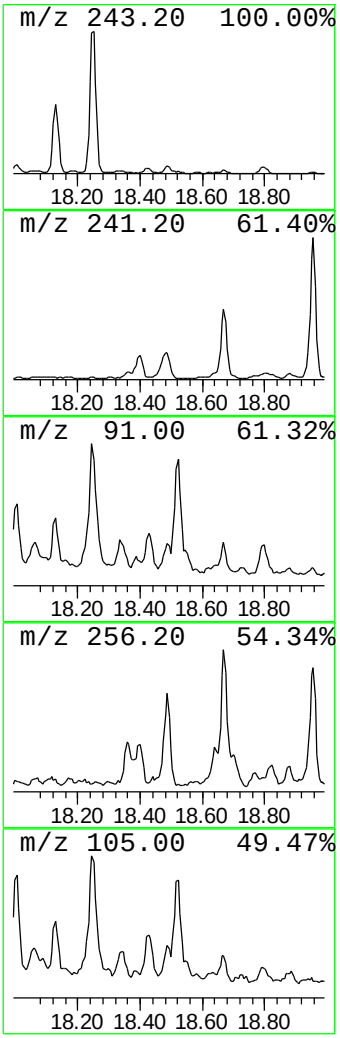
Peak Number 14 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.02 ng/ul	663881	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-3-tert-butyl-2-methoxy-5...	256	C12H17BrO	117439-55-1	46
2	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	35
3	Galaxolide 2	258	C18H26O	1000285-26-7	35
4	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	35
5	Galaxolide 1	258	C18H26O	1000285-26-6	35





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Quant Title : SVOA CALIBRATION

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

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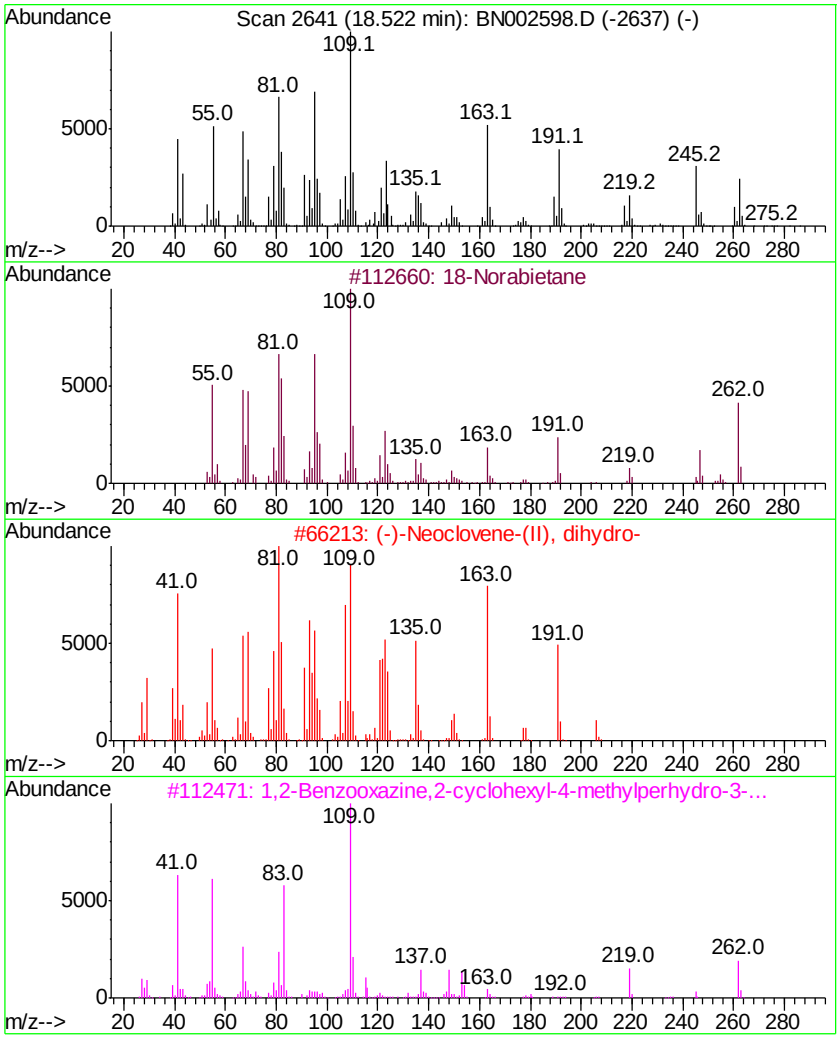
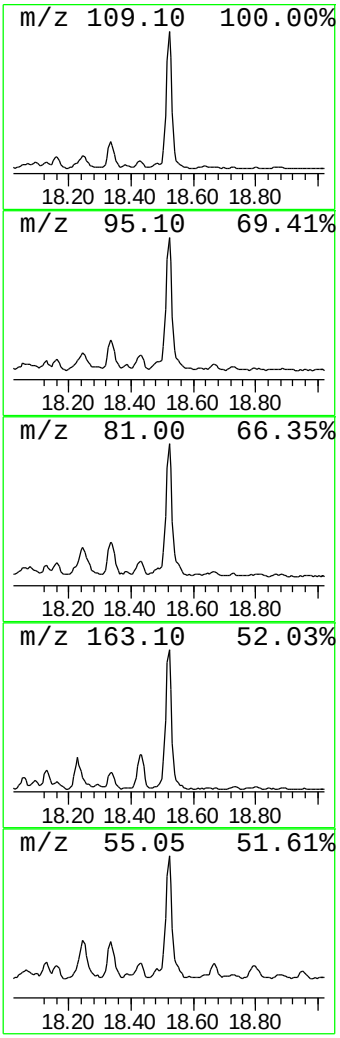
Peak Number 15 18-Norabietane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	34.97 ng/ul	4620970	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	43
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
4	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	27
5	1H-Pyrazol-5-amine, 1-[(4-fluoro...	191	C10H10FN3	1000362-66-0	27





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Quant Title : SVOA CALIBRATION

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

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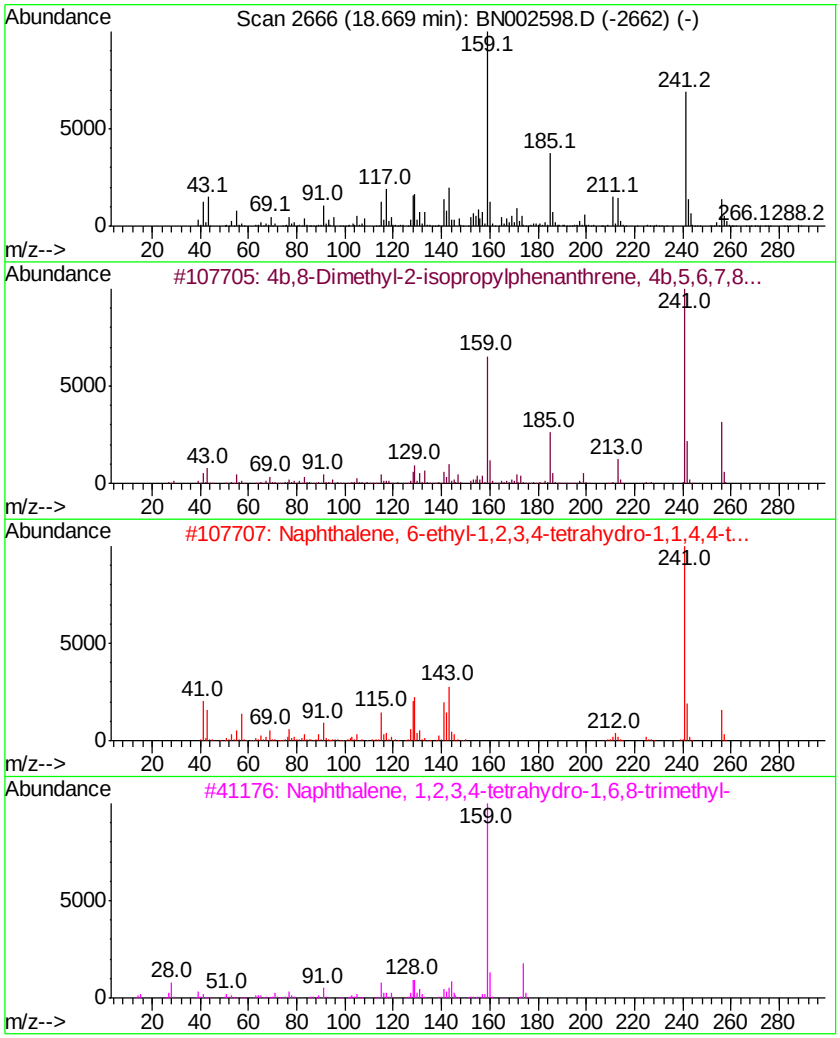
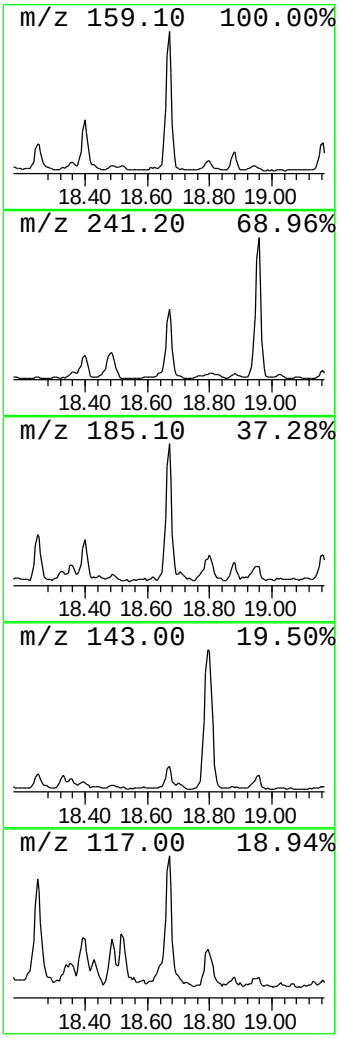
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	9.83 ng/ul	1298400	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
5	Isoquinoline, 1-methyl-, 2-oxide	159	C10H9NO	003222-65-9	35





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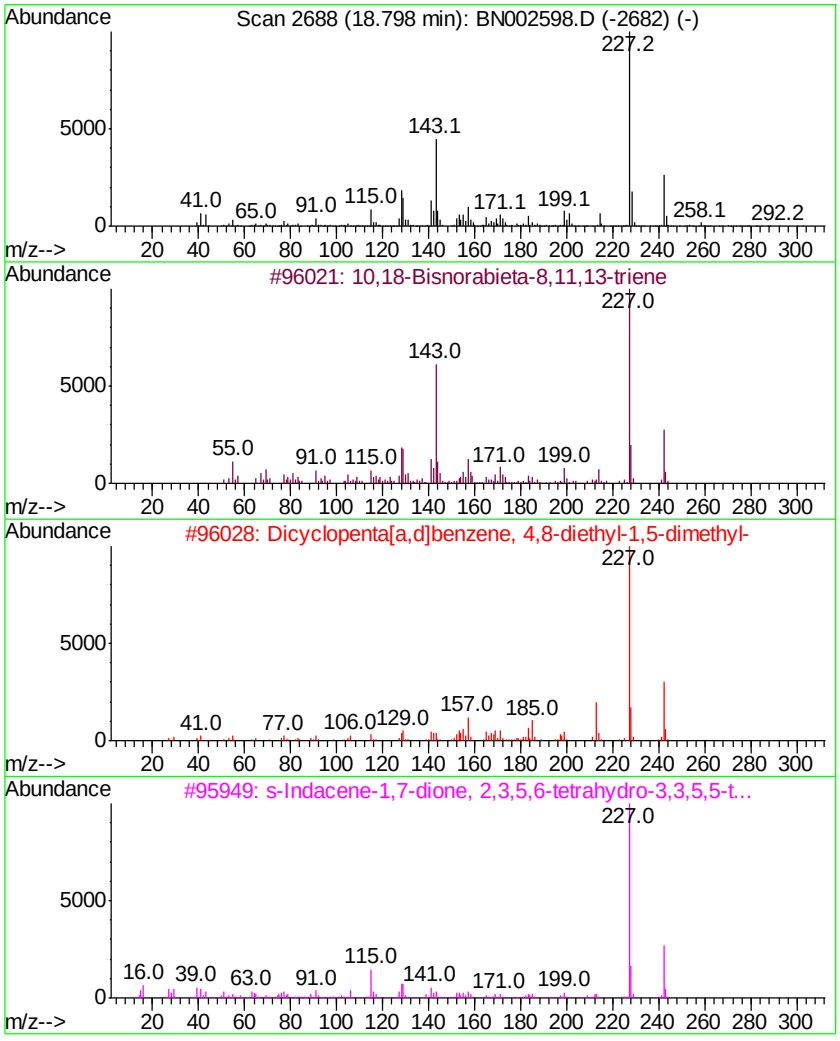
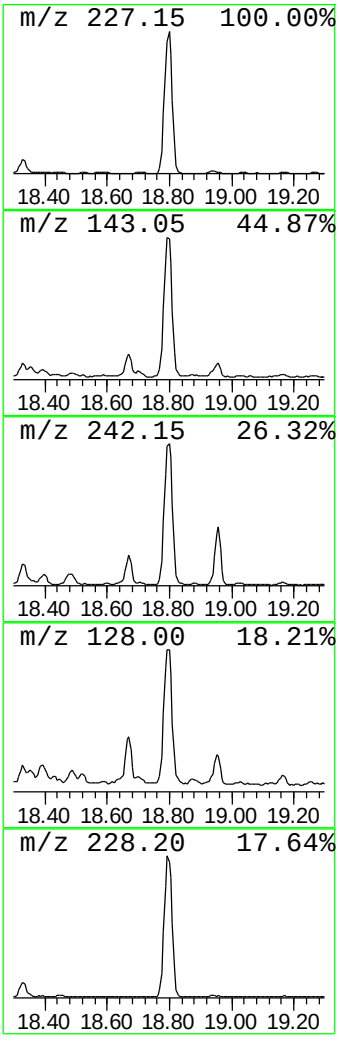
Peak Number 17 10,18-Bisnorabieta-8,11,13-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	25.17 ng/ul	3325180	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	96
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	60
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	52
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	49
5	Lapachol	242	C15H14O3	000084-79-7	49





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TIC Integration Parameters: LSCINT.P

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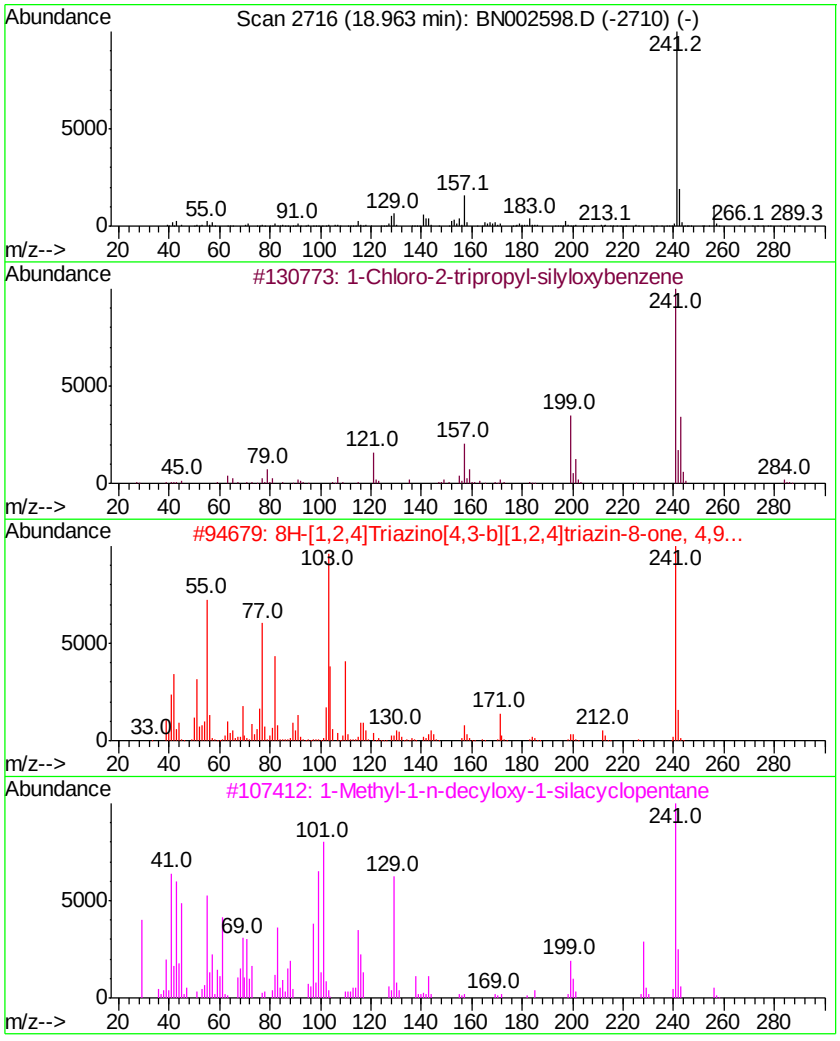
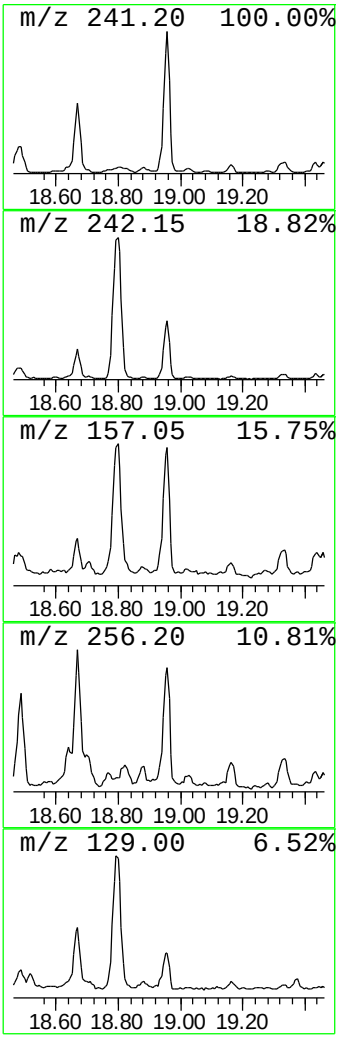
Peak Number 18 1-Chloro-2-tripropyl-silylo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	6.56 ng/ul	866275	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2-tripropyl-silyloxyben...	284	C15H25ClOSi	1000292-68-4	50
2	8H-[1,2,4]Triazino[4,3-b][1,2,4]...	241	C12H11N5O	1000319-79-0	50
3	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	45
4	1-Nitrophenazine 5-oxide	241	C12H7N3O3	002876-34-8	42
5	Sebacic acid, butyl 4-octyl ester	370	C22H42O4	1000354-28-8	38





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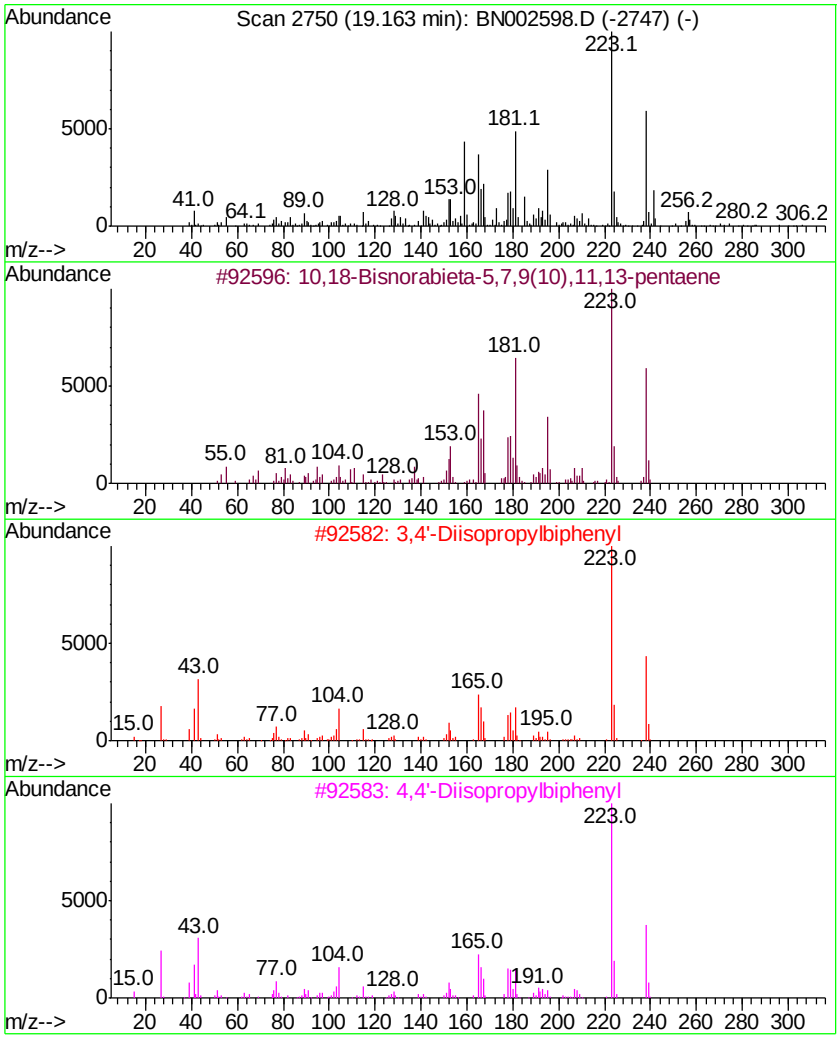
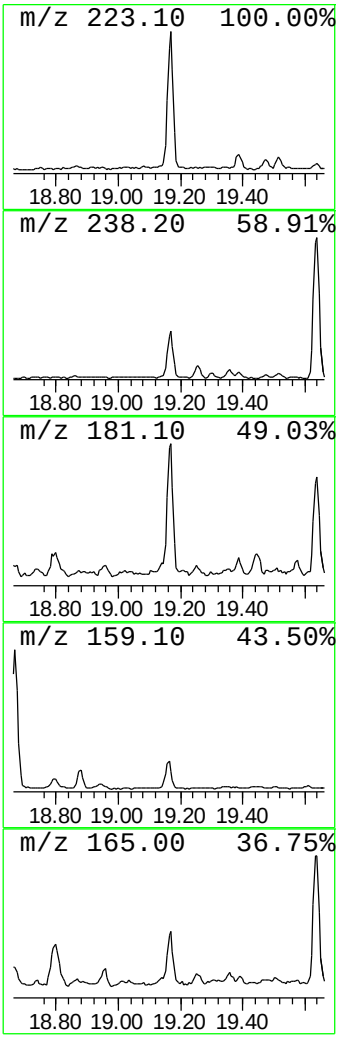
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.86 ng/ul	737697	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	76
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	53
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	45
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	41





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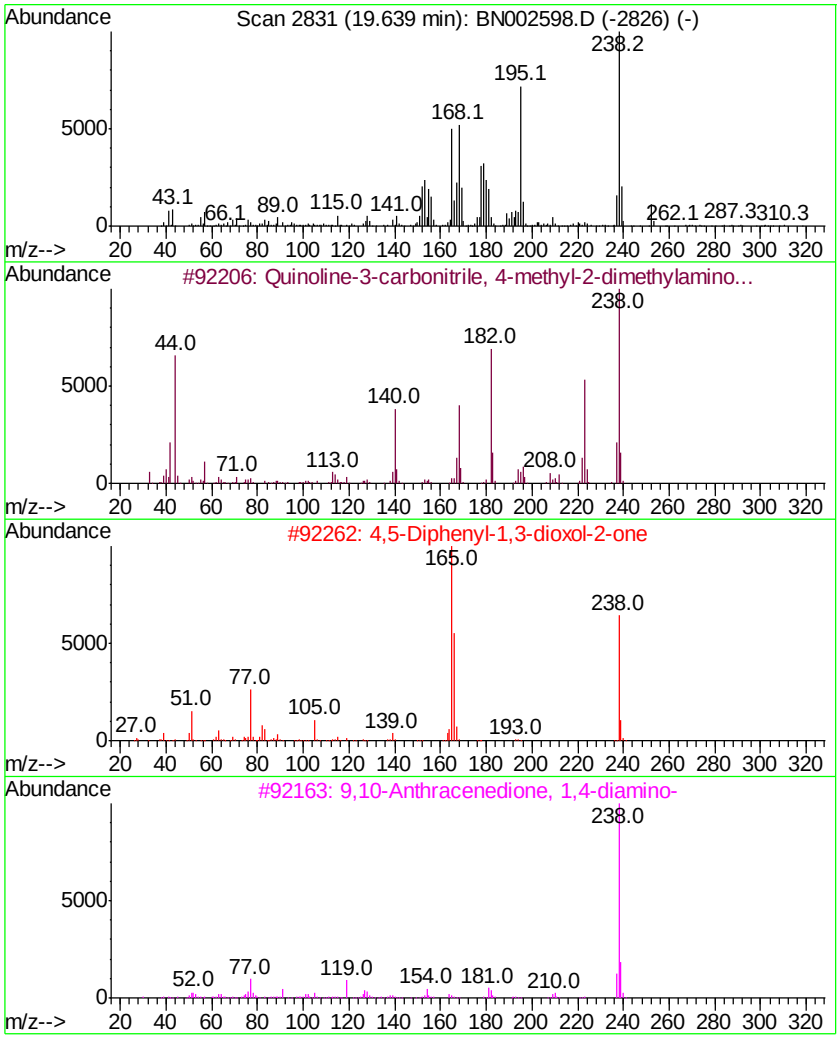
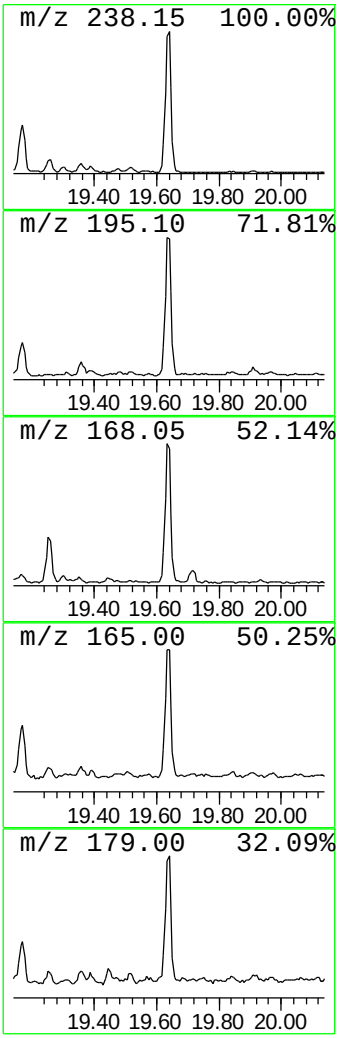
Peak Number 20 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	7.88 ng/ul	1195860	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline-3-carbonitrile, 4-meth...	238	C14H14N4	209617-35-6	49
2	4,5-Diphenyl-1,3-dioxol-2-one	238	C15H10O3	021240-34-6	35
3	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	30
4	1,2,3,4-Tetrahydro-1,4-dioxo-2-p...	238	C14H10N2O2	005439-98-5	25
5	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	25





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Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

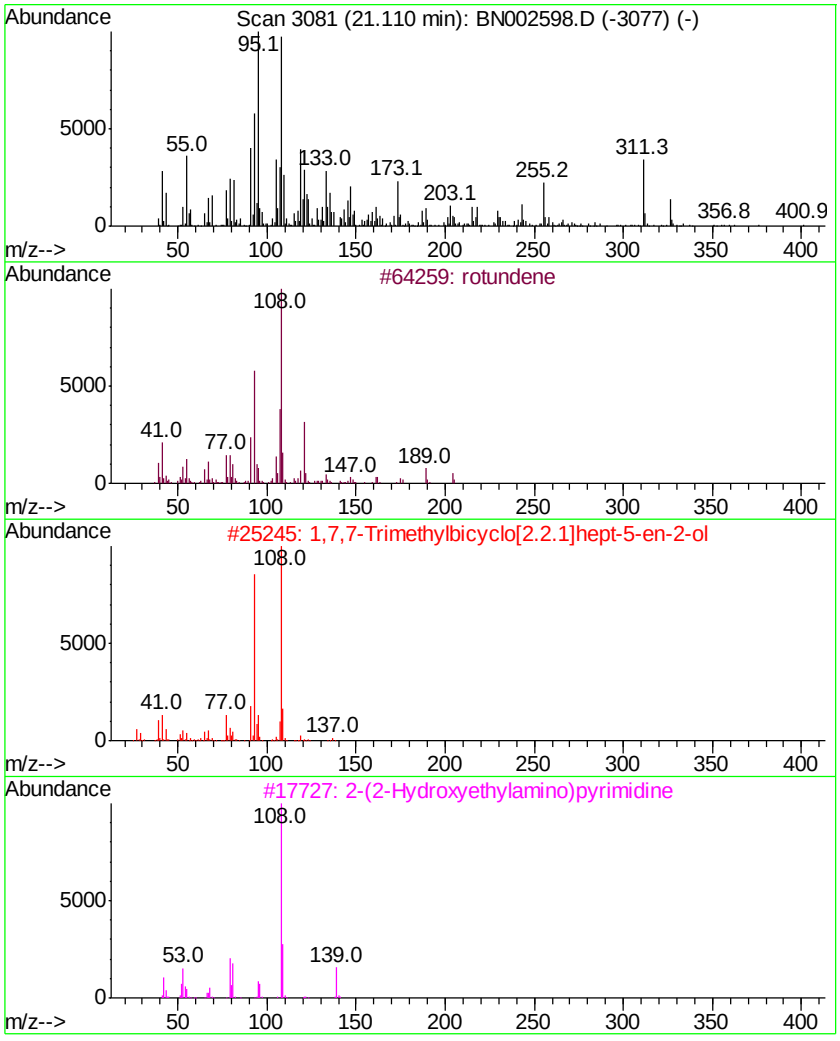
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

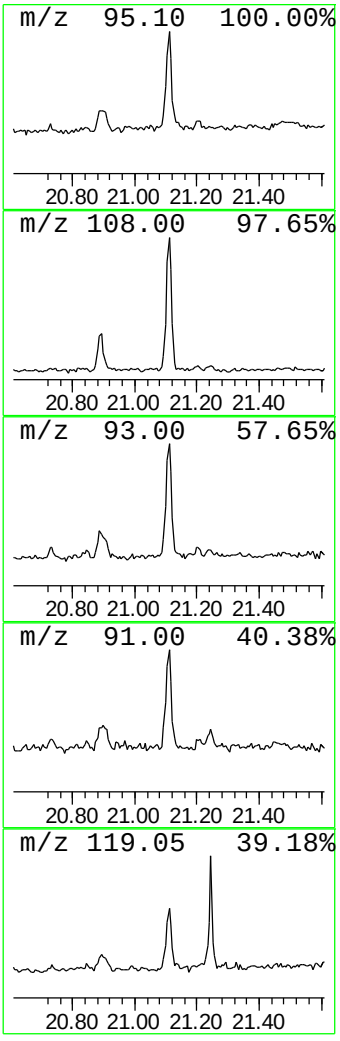
****

Peak Number 21 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	4.68 ng/ul	710109	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	rotundene	204	C15H24	1000374-17-0	18
2	1,7,7-Trimethylbicyclo[2.2.1]hep...	152	C10H16O	1000190-98-1	14
3	2-(2-Hydroxyethylamino)pyrimidine	139	C6H9N3O	001742-25-2	14
4	2-Methyl-3-propylpyrazine	136	C8H12N2	015986-80-8	11
5	N-(2-Furylcarbonyl)tyrosine	275	C14H13NO5	1000260-99-5	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002598.D
Acq On : 06 Sep 2018 01:52
Operator : JU/SJ
Sample : J4688-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
2,4,7,9-Tetrameth...	13.19	3.9	ng/ul	415695	3	14.29	2126270	20.0
unknown-01	17.50	4.9	ng/ul	647581	4	17.05	2642670	20.0
1H-Cyclobuta[c]pe...	17.56	3.6	ng/ul	479440	4	17.05	2642670	20.0
unknown-02	17.62	3.2	ng/ul	424054	4	17.05	2642670	20.0
Naphthalene, 6-et...	17.73	9.8	ng/ul	1296900	4	17.05	2642670	20.0
unknown-03	17.90	12.6	ng/ul	1664330	4	17.05	2642670	20.0
unknown-04	18.06	9.0	ng/ul	1188330	4	17.05	2642670	20.0
6-Chrysenamine	18.13	7.1	ng/ul	940599	4	17.05	2642670	20.0
4-Ethyl-1,1,1,4-t...	18.25	28.3	ng/ul	3734850	4	17.05	2642670	20.0
unknown-05	18.33	12.5	ng/ul	1648640	4	17.05	2642670	20.0
5H-Pyrrolo[3,4-b]...	18.39	6.0	ng/ul	792364	4	17.05	2642670	20.0
unknown-06	18.43	6.0	ng/ul	790459	4	17.05	2642670	20.0
unknown-07	18.49	5.0	ng/ul	663881	4	17.05	2642670	20.0
18-Norabietane	18.52	35.0	ng/ul	4620970	4	17.05	2642670	20.0
4b,8-Dimethyl-2-i...	18.67	9.8	ng/ul	1298400	4	17.05	2642670	20.0
10,18-Bisnorabiet...	18.80	25.2	ng/ul	3325180	4	17.05	2642670	20.0
1-Chloro-2-tripro...	18.96	6.6	ng/ul	866275	4	17.05	2642670	20.0
10,18-Bisnorabiet...	19.16	4.9	ng/ul	737697	5	21.25	3036020	20.0
unknown-08	19.64	7.9	ng/ul	1195860	5	21.25	3036020	20.0
unknown-09	21.11	4.7	ng/ul	710109	5	21.25	3036020	20.0