LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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	6.846	649	656	671	rBV	402774	715421	16.71%	1.131%
2	7.005	677	683	694	rBV	326612	519960	12.14%	0.822%
3	7.199	710	716	728	rBV	415638	697707	16.29%	1.103%
4	7.663	787	795	805	rBV	544431	881593	20.59%	1.394%
5	8.369	905	915	930	rBV	466218	808489	18.88%	1.278%
6	8.810	984	990	1001	rBV	424176	716266	16.73%	1.132%
7	9.528	1106	1112	1125	rBV	360138	613561	14.33%	0.970%
8	10.063	1195	1203	1218	rBV	516095	958015	22.37%	1.514%
9	10.434	1258	1266	1274	rBV	864235	1457280	34.03%	2.304%
10	10.575	1283	1290	1312	rBV	470069	897557	20.96%	1.419%
11	13.028	1701	1707	1711	rBV4	32735	51955	1.21%	0.082%
12	13.710	1816	1823	1827	rBV	1075641	1559849	36.42%	2.466%
13	13.757	1827	1831	1838	rVV	338661	499825	11.67%	0.790%
14	13.987	1863	1870	1880	rBV	1246298	1912333	44.66%	3.023%
15	14.122	1888	1893	1900	rVB7	34699	66025	1.54%	0.104%
16	14.293	1912	1922	1929	rBV2	1349029	2138263	49.93%	3.380%
17	14.522	1953	1961	1974	rBV	266676	672395	15.70%	1.063%
18	14.622	1976	1978	1985	rVB5	34376	60360	1.41%	0.095%
19	14.734	1994	1997	2003	rVB6	30796	49540	1.16%	0.078%
20	15.292	2086	2092	2098	rBV	1673476	2401878	56.09%	3.797%
21	15.428	2109	2115	2125	rVB	427259	639246	14.93%	1.011%
22	16.040	2214	2219	2229	rVB7	61886	167614	3.91%	0.265%
23	16.339	2266	2270	2276	rVB3	60713	93902	2.19%	0.148%
24	16.663	2321	2325	2330	rVB3	107594	154407	3.61%	0.244%
25	16.769	2339	2343	2347	rBV2	79685	110078	2.57%	0.174%
26	16.816	2347	2351	2355	rVB7	57020	74721	1.74%	0.118%
27	16.969	2374	2377	2384	rVB	123220	176377	4.12%	0.279%
28	17.045	2384	2390	2395	rBV2	1769542	2541349	59.34%	4.017%
29	17.139	2400	2406	2413	rVB	1819713	2629969	61.41%	4.157%
30	17.345	2438	2441	2445	rVB3	132943	183111	4.28%	0.289%
31	17.445	2454	2458	2461	rBV2	132356	188075	4.39%	0.297%
32	17.498	2461	2467	2474	rVV6	228093	506690	11.83%	0.801%
33	17.557	2474	2477	2483	rVB4	236524	400678	9.36%	0.633%
34	17.622	2484	2488	2489	rBV2	137859	170859	3.99%	0.270%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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	17.692	2497	2500	2502	rBV2	89178	110292	2.58%	0.174%
36	17.728	2502	2506	2512	rVV	885425	1182900	27.62%	1.870%
37	17.786	2514	2516	2523	rVB2	175686	295705	6.91%	0.467%
38	17.898	2530	2535	2541	rBV	1006588	1466561	34.25%	2.318%
39	17.998	2549	2552	2557	rBV	734695	941150	21.98%	1.488%
40	18.063	2558	2563	2570	rVV7	613238	1200642	28.04%	1.898%
41	18.128	2570	2574	2577	rVV	728608	928341	21.68%	1.468%
42	18.163	2577	2580	2584	rVB2	211225	276751	6.46%	0.437%
43	18.245	2587	2594	2604	rVV2	1697366	3144629	73.43%	4.971%
44	18.333	2604	2609	2615	rVV5	825226	1559389	36.41%	2.465%
45	18.386	2615	2618	2622	rVV2	406273	629373	14.70%	0.995%
46	18.428	2622	2625	2630	rVV4	443755	643267	15.02%	1.017%
47	18.486	2630	2635	2637	rVV3	379705	622505	14.54%	0.984%
48	18.522	2637	2641	2650	rVB	2909198	4282407	100.00%	6.770%
49	18.669	2662	2666	2670	rVB	572831	684401	15.98%	1.082%
50	18.792	2682	2687	2696	rVB	1372772	2572656	60.07%	4.067%
51	18.951	2710	2714	2719	rVB	457407	655370	15.30%	1.036%
52	19.163	2747	2750	2756	rVB2	252532	330409	7.72%	0.522%
53	19.257	2763	2766	2773	rBV3	100796	163493	3.82%	0.258%
54	19.445	2792	2798	2806	rBV	2226635	3317041	77.46%	5.244%
55	19.633	2826	2830	2836	rBV2	696727	942782	22.02%	1.490%
56	21.110	3077	3081	3088	rBV	464450	611043	14.27%	0.966%
57	21.245	3099	3104	3108	rBV	2285695	2995205	69.94%	4.735%
58	23.321	3451	3457	3471	rVV	1641269	3606267	84.21%	5.701%
59	23.463	3475	3481	3497	rVB	1498507	3148604	73.52%	4.977%
60	23.980	3565	3569	3576	rVB2	329244	620778	14.50%	0.981%
61	24.704	3688	3692	3700	rVB	304549	612565	14.30%	0.968%

Sum of corrected areas: 63259874

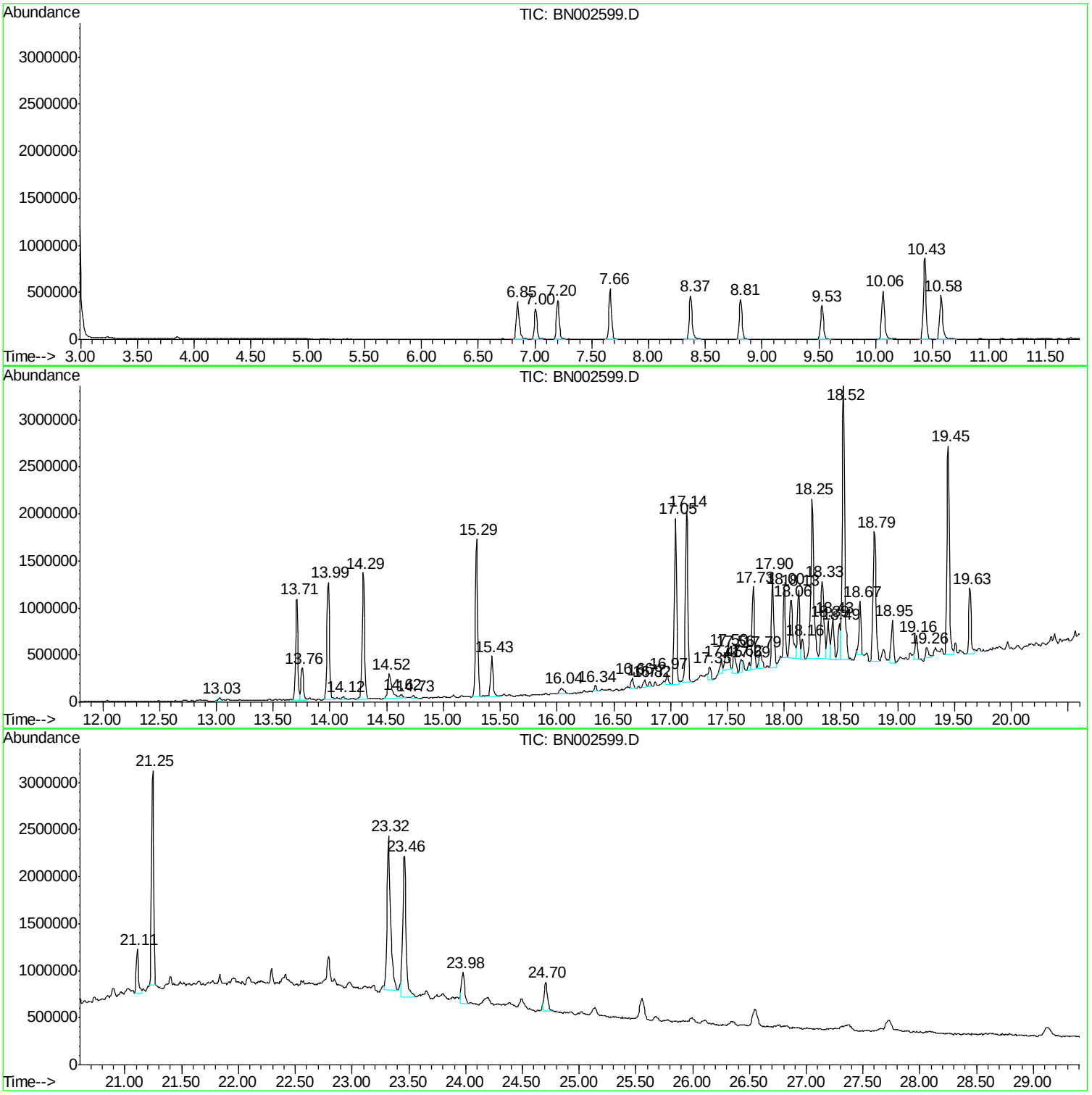
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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 : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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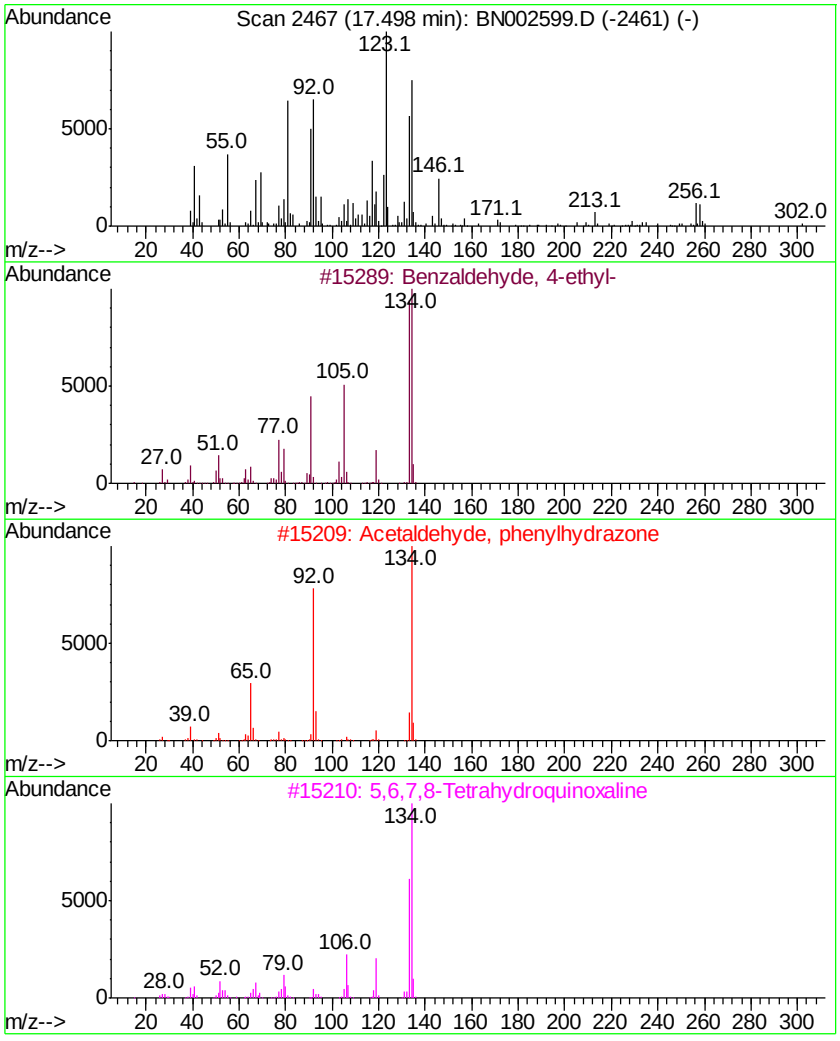
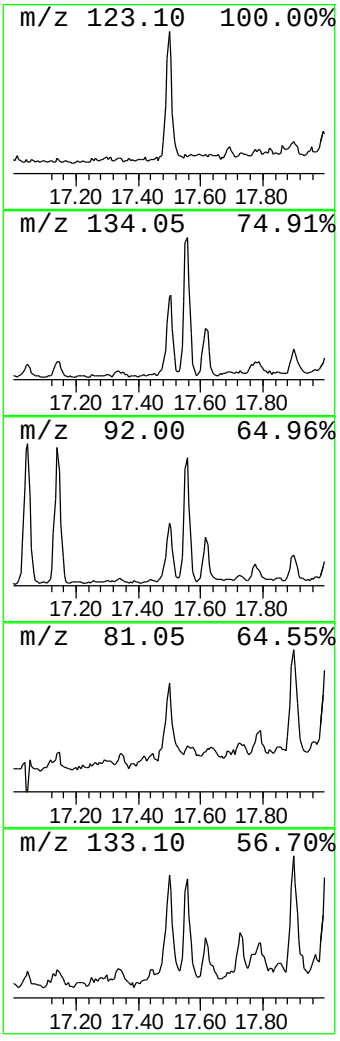
Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.99 ng/ul	506690	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	30
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	27
3	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	22
4	Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	18
5	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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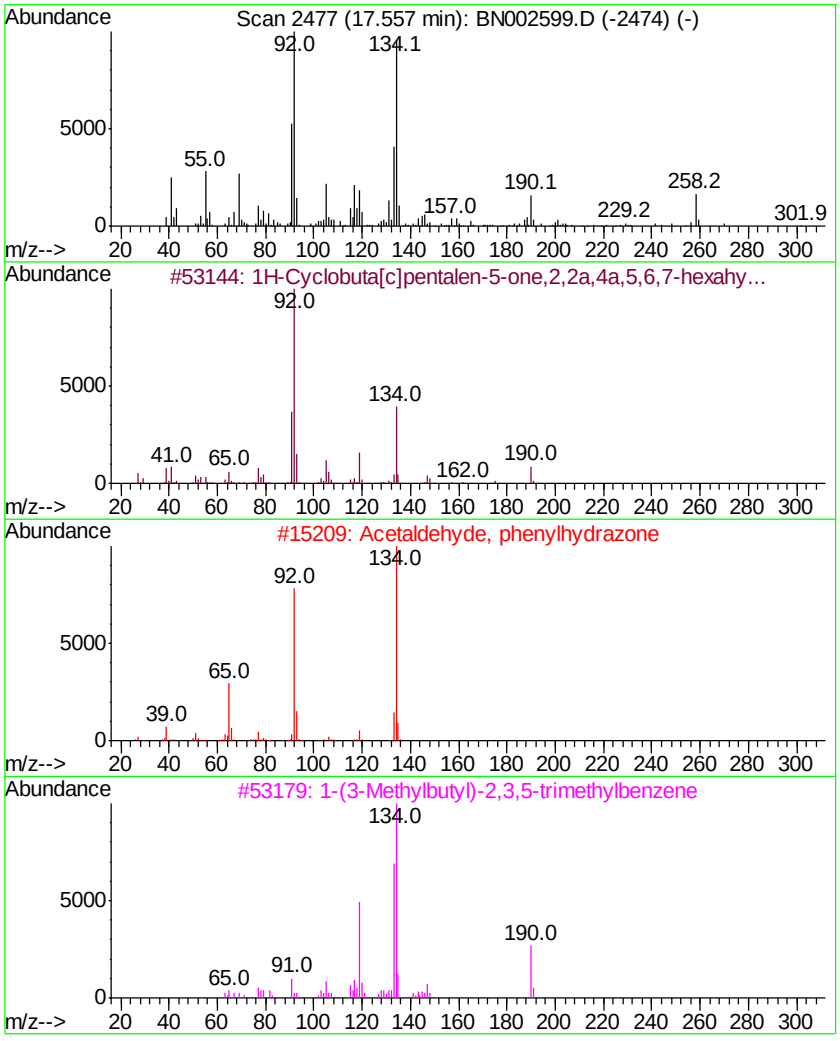
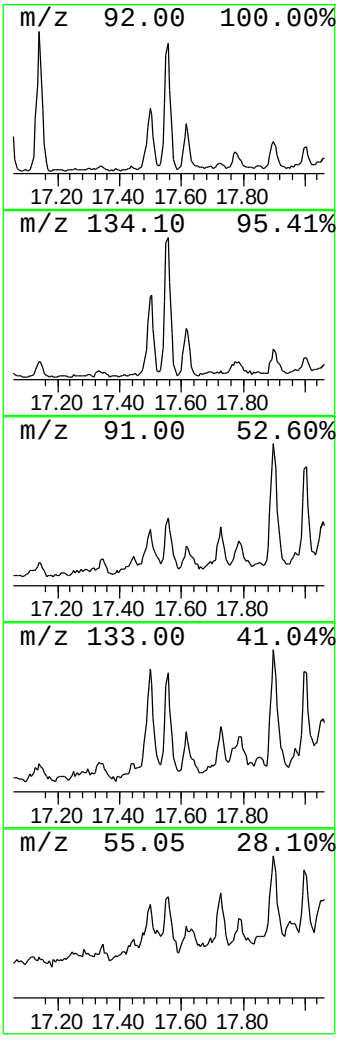
Peak Number 2 1H-Cyclobuta[c]pentalen-5-o... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.15 ng/ul	400678	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	53
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	50
3	1-(3-Methylbutyl)-2,3,5-trimethy...	190	C14H22	107997-60-4	38
4	3-(1-Cyclopentenyl)furan	134	C9H10O	115754-79-5	30
5	p-Isopropenylphenol	134	C9H10O	004286-23-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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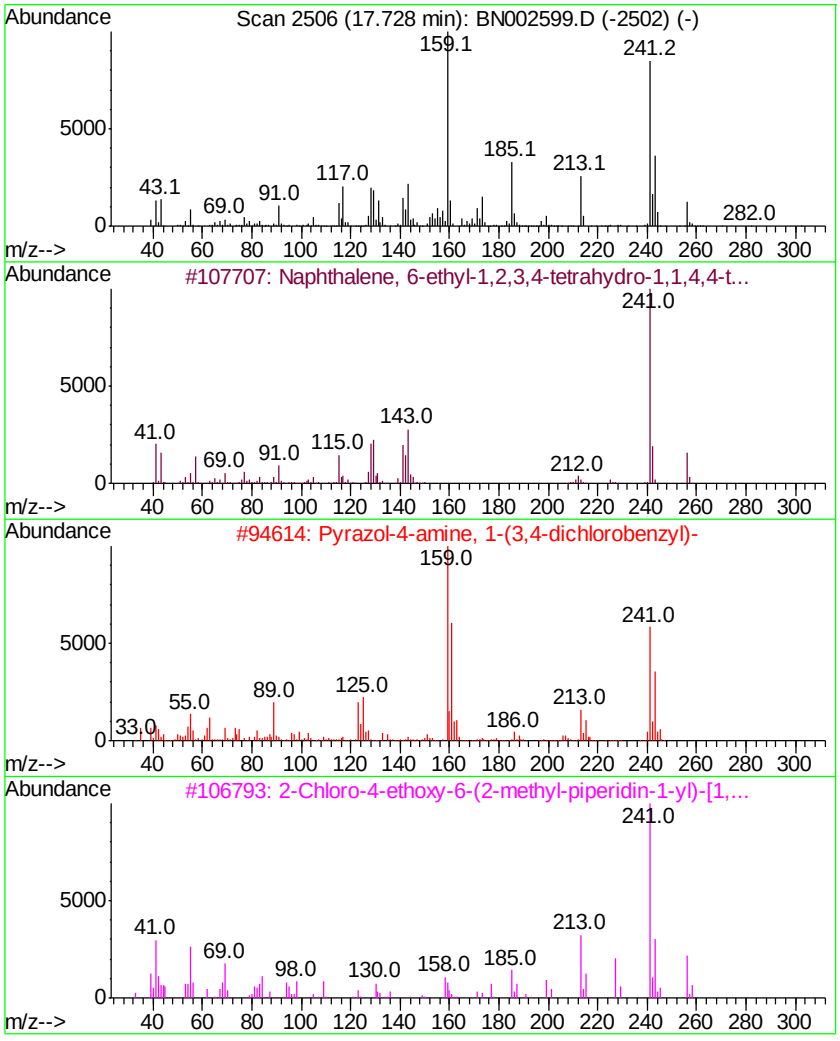
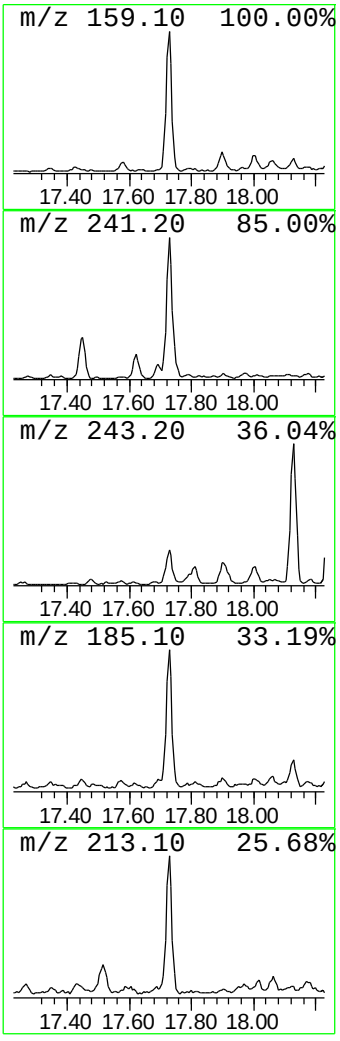
Peak Number 3 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	9.31 ng/ul	1182900	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	66
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	52
3	2-Chloro-4-ethoxy-6-(2-methyl-pi...	256	C11H17ClN4O	1000300-83-2	27
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	22
5	Pyrimido[4',5':4,5]furo[2,3-b]qu...	241	C13H11N3O2	1000362-77-3	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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

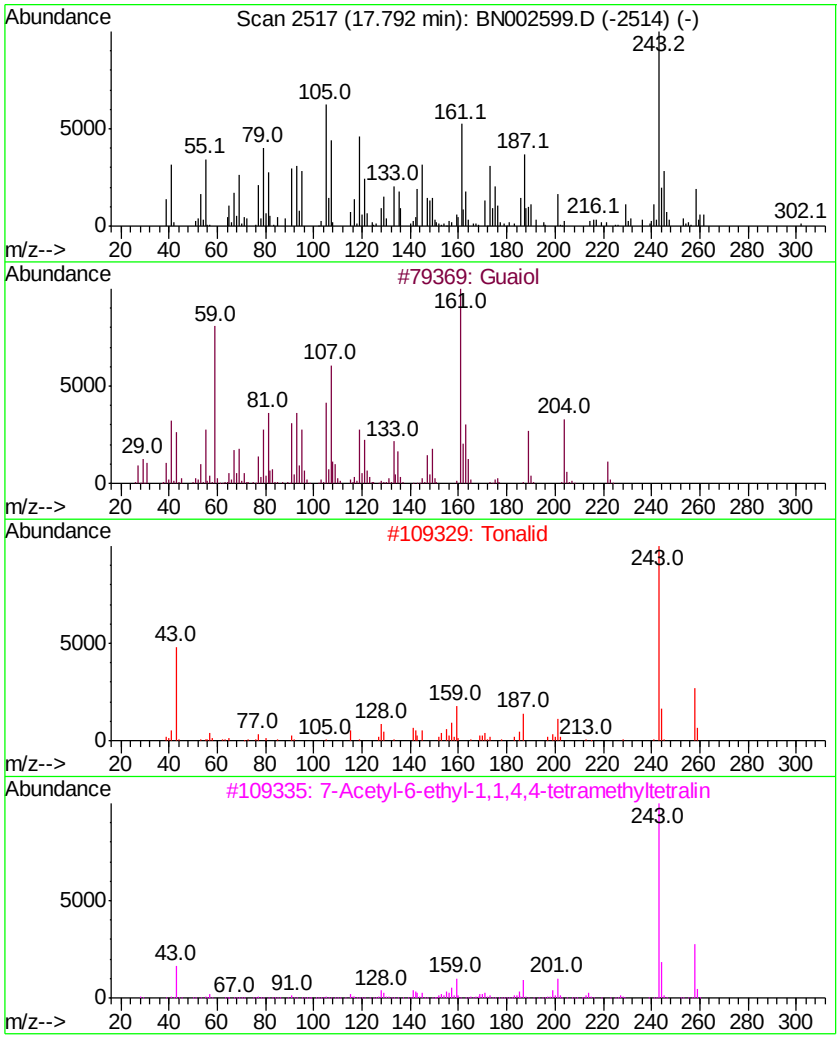
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

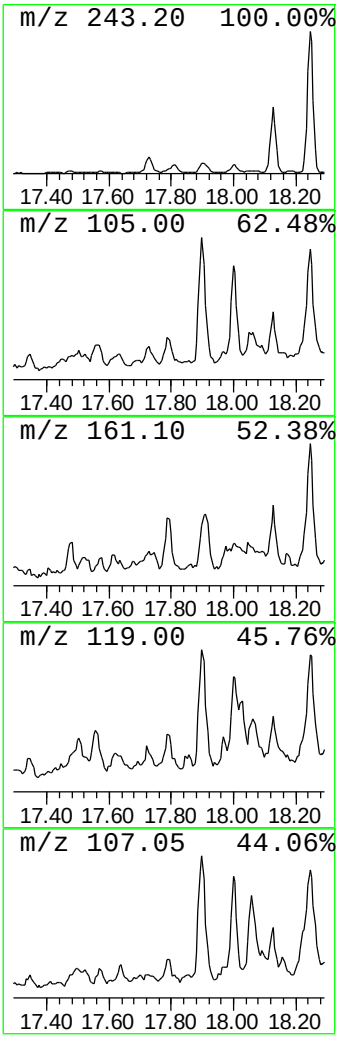
****

Peak Number 4 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.33 ng/ul	295705	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaiol	222	C15H26O	000489-86-1	25
2	Tonalid	258	C18H26O	021145-77-7	22
3	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	20
4	Thiourea, N-(3-chloro-4-fluoroph...	258	C11H12ClFN2S	1000351-06-6	18
5	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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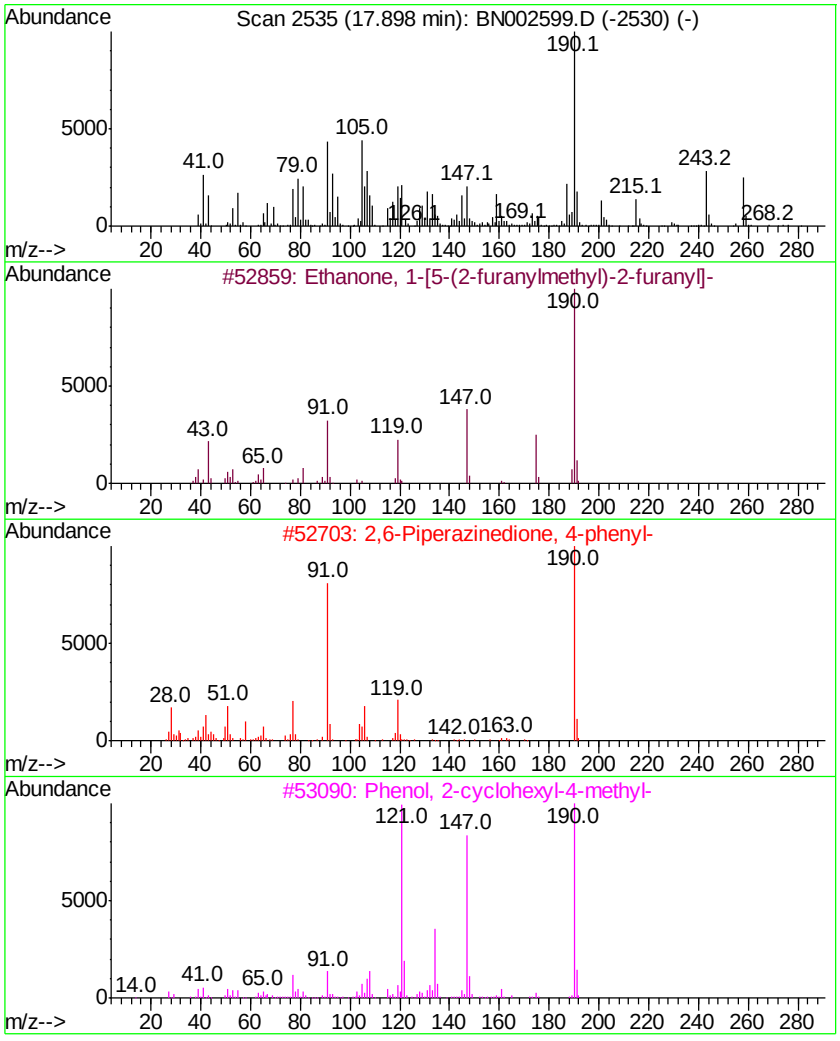
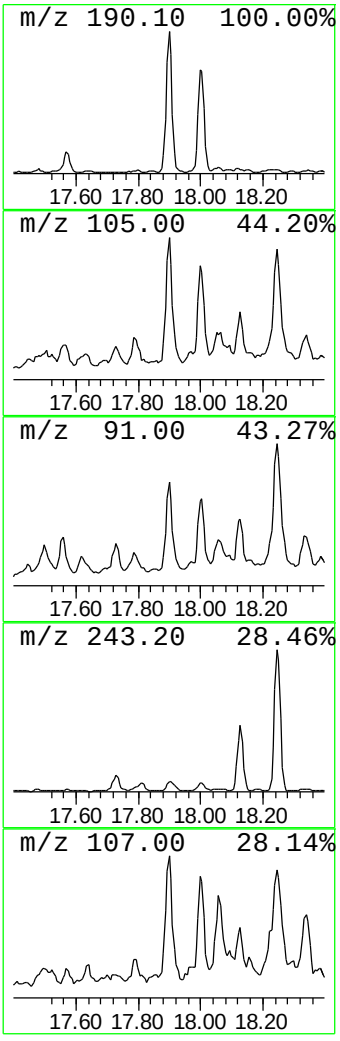
Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	11.54 ng/ul	1466560	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	Phenol, 2-cyclohexyl-4-methyl-	190	C13H18O	001596-09-4	35
4	6,7-Dimethoxyquinoxaline	190	C10H10N2O2	006295-29-0	35
5	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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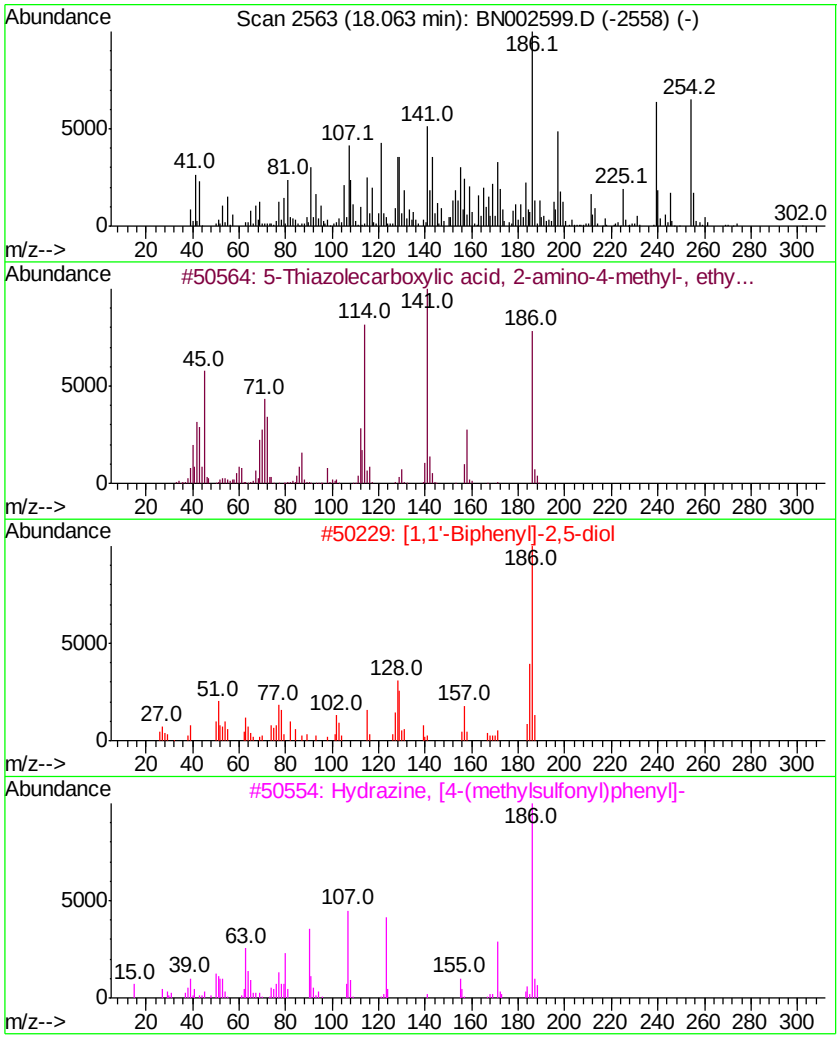
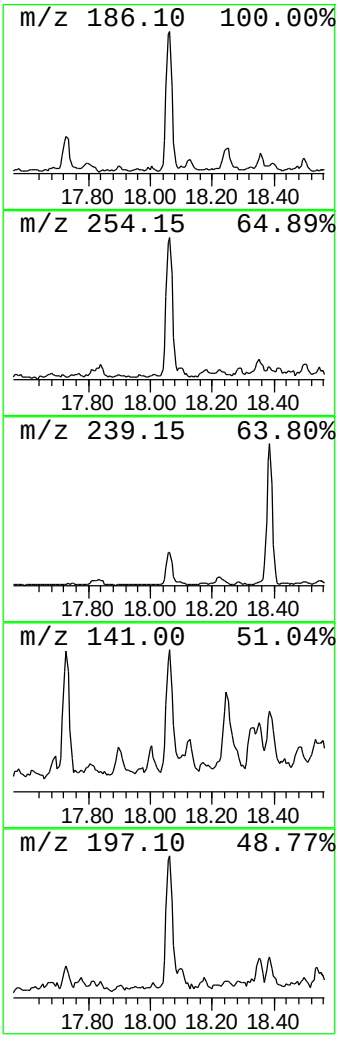
Peak Number 7 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.45 ng/ul	1200640	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Thiazolecarboxylic acid, 2-ami...	186	C7H10N2O2S	007210-76-6	38
2	[1,1'-Biphenyl]-2,5-diol	186	C12H10O2	001079-21-6	25
3	Hydrazine, [4-(methylsulfonyl)ph...	186	C7H10N2O2S	000877-66-7	25
4	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	25
5	Propionic acid, 3-[5-(4-methoxyp...	245	C14H15NO3	1000303-62-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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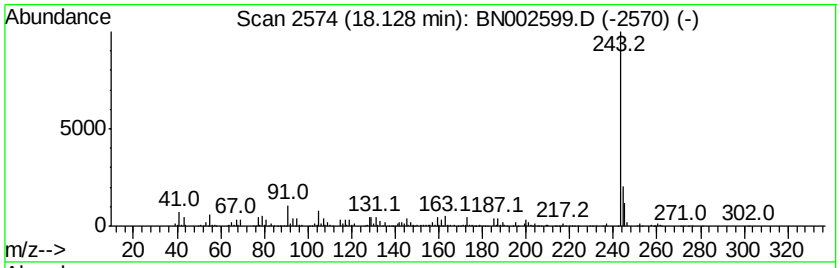
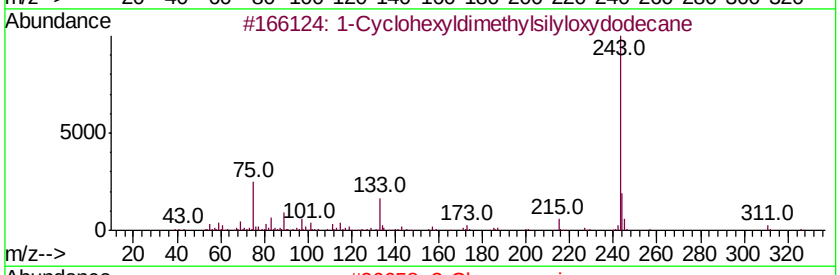
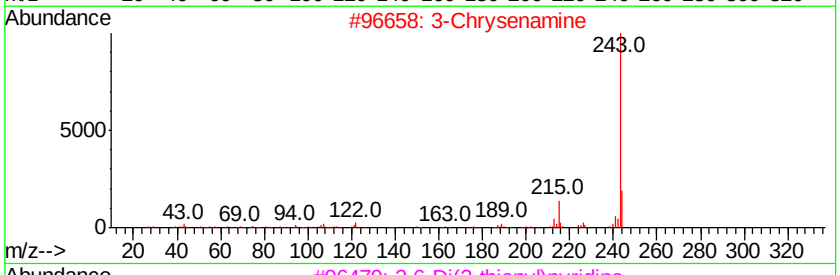
Peak Number 8 1-Cyclohexyldimethylsilylox... Concentration Rank 9

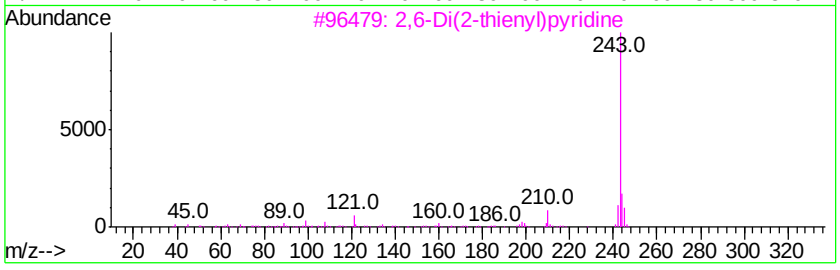
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	7.31 ng/ul	928341	Phenanthrene-d10	17.05

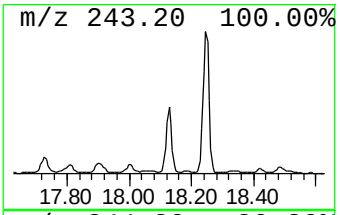
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyldimethylsilyloxydode...	326	C20H42OSi	1000281-96-3	72
2	3-Chrysenamine	243	C18H13N	000316-18-7	59
3	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	50
4	6-Chrysenamine	243	C18H13N	002642-98-0	45
5	Benzoic acid, 4-(4-butylcyclohex...	430	C27H30N2O3	086377-40-4	45

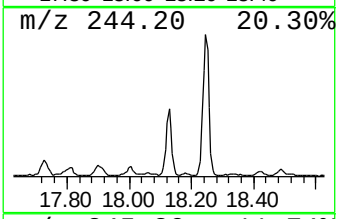


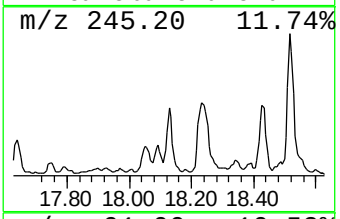


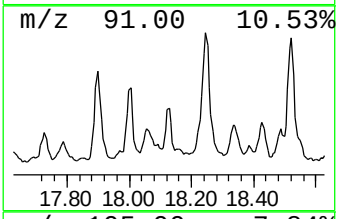


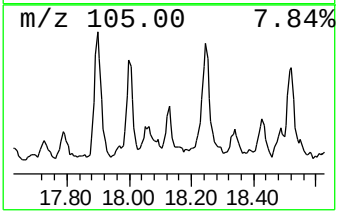












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Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

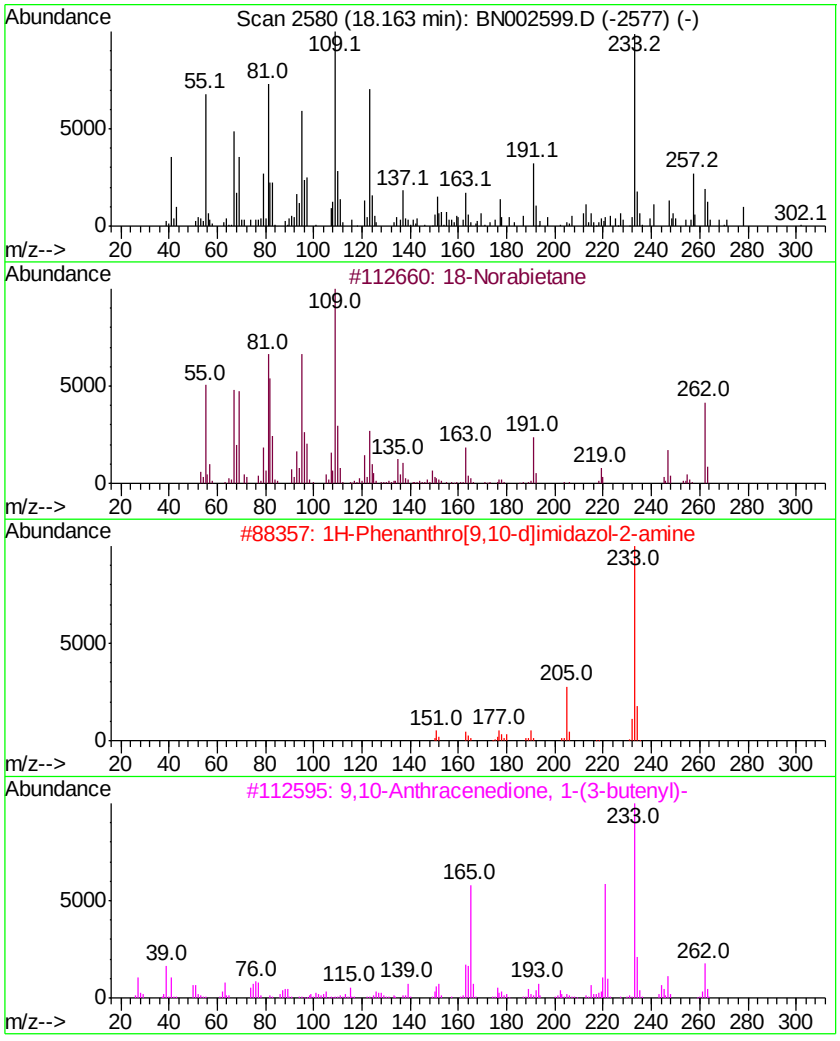
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

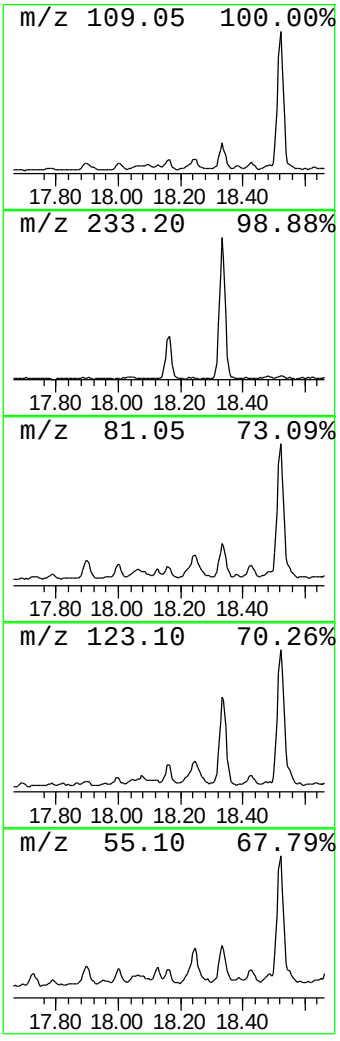
****

Peak Number 9 18-Norabietane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.18 ng/ul	276751	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	64
2	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	47
3	9,10-Anthracenedione, 1-(3-buten...	262	C18H14O2	037634-84-7	25
4	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	18
5	1-Phenyloxy-3-fluoro-4-nitrobenzene	233	C12H8FNO3	1000334-79-5	18





Library Search Compound Report

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Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

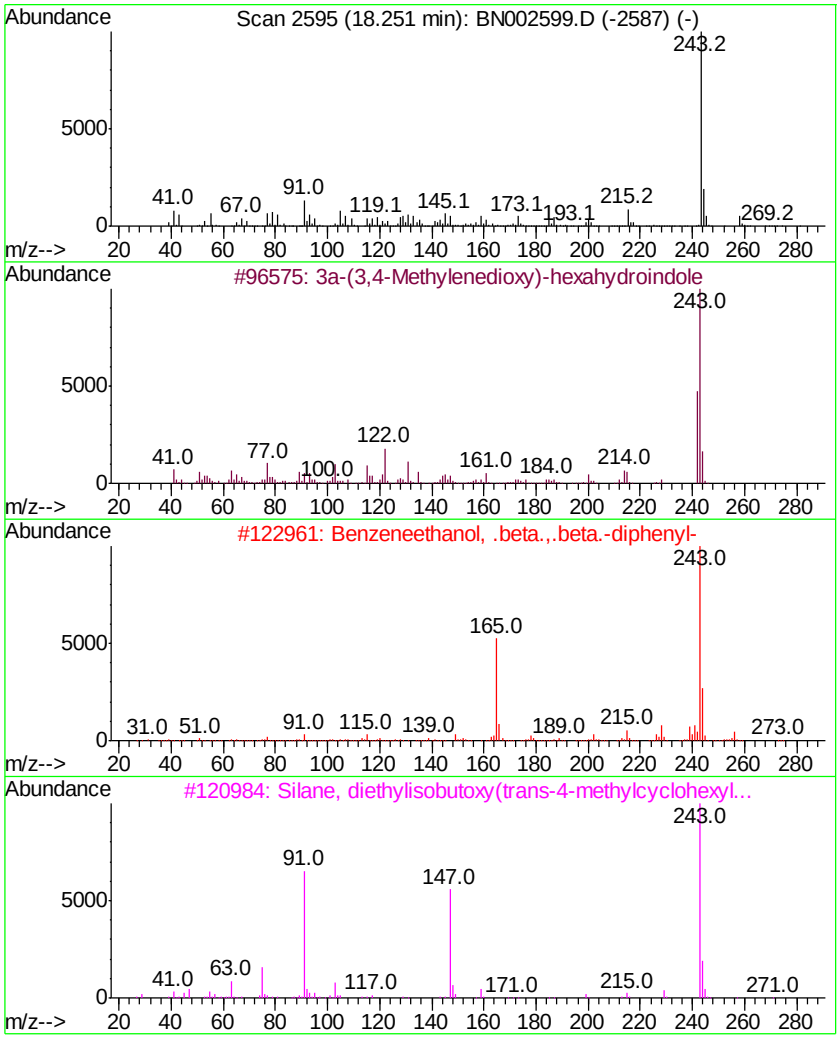
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

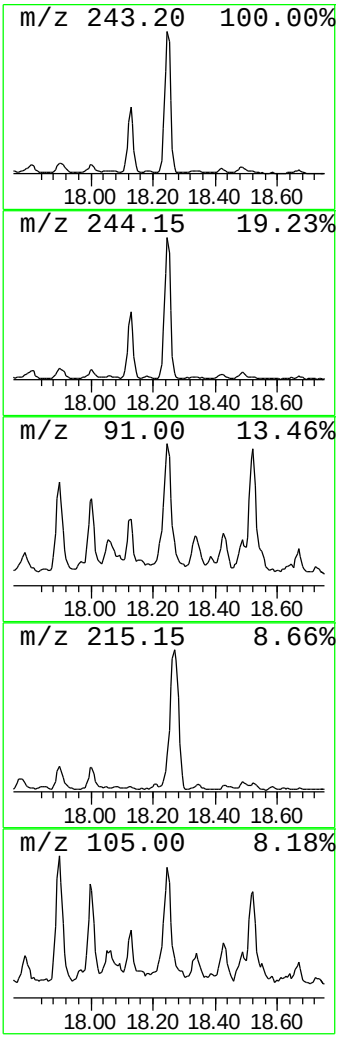
****

Peak Number 10 3a-(3,4-Methylenedioxy)-hex... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	24.75 ng/ul	3144630	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a-(3,4-Methylenedioxy)-hexahydr...	243	C15H17NO2	109535-43-5	64
2	Benzeneethanol, .beta.,.beta.-di...	274	C20H18O	000896-32-2	64
3	Silane, diethylisobutoxy(trans-4...	272	C15H32O2Si	1000363-56-4	64
4	Undecanoic acid, tert-butyldimet...	300	C17H36O2Si	104255-75-6	59
5	1-Cyclohexyldimethylsilyloxydode...	326	C20H42OSi	1000281-96-3	56





Library Search Compound Report

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Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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

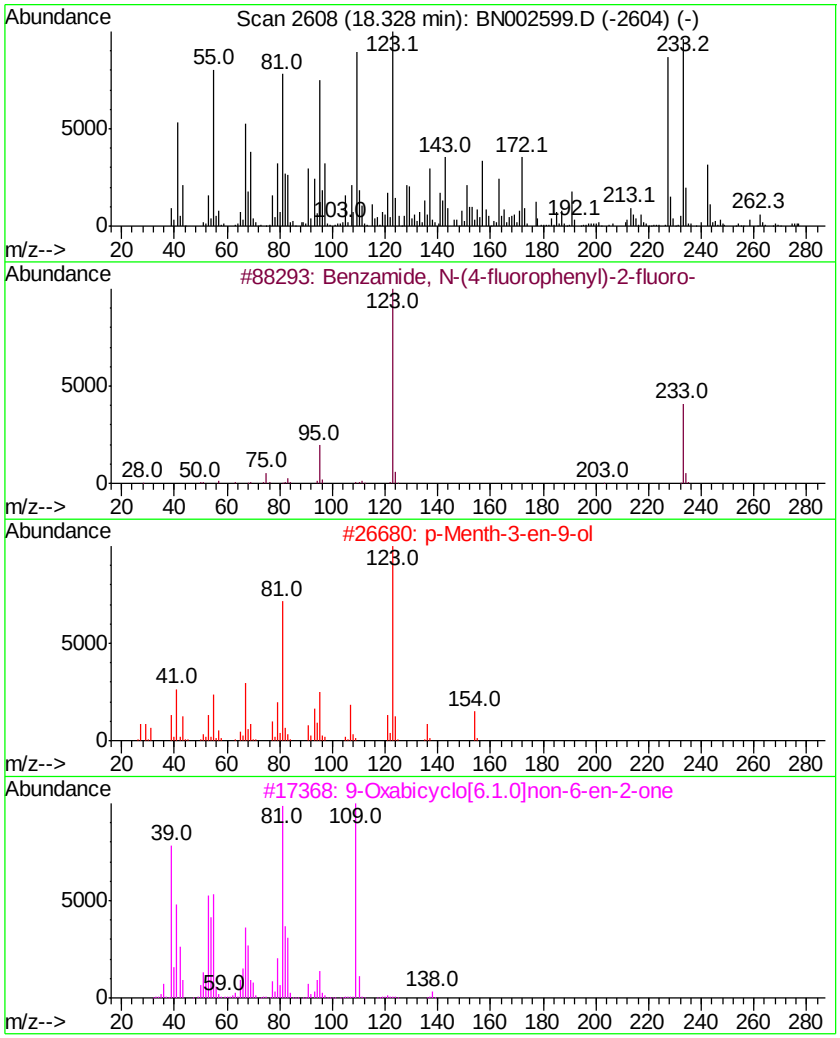
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

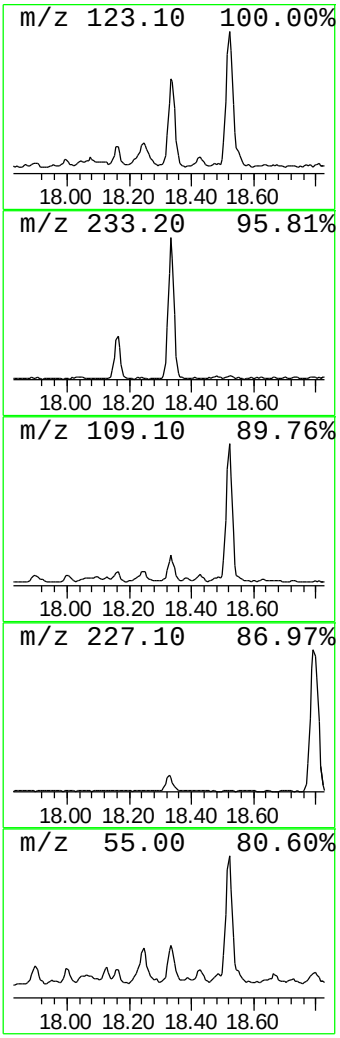
****

Peak Number 11 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	12.27 ng/ul	1559390	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	38
3	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	30
4	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	27
5	Bicyclo[3.3.1]nonane-1-carboxyli...	168	C10H16O2	017530-63-1	25





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Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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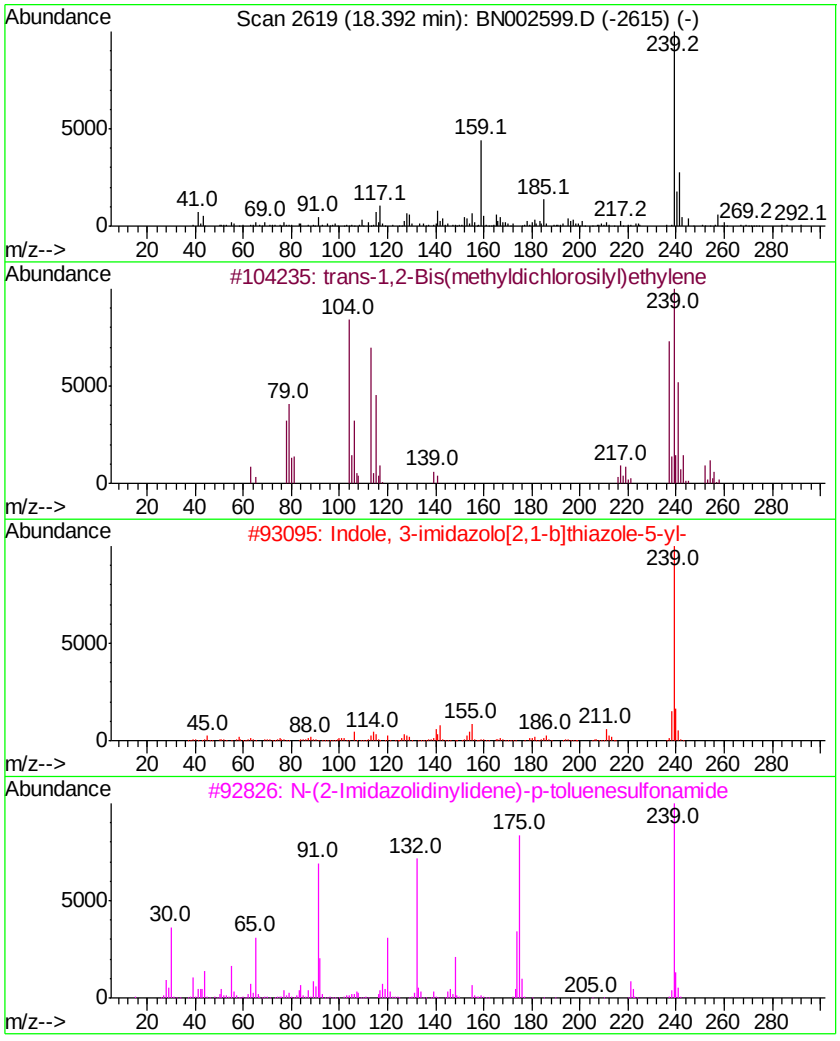
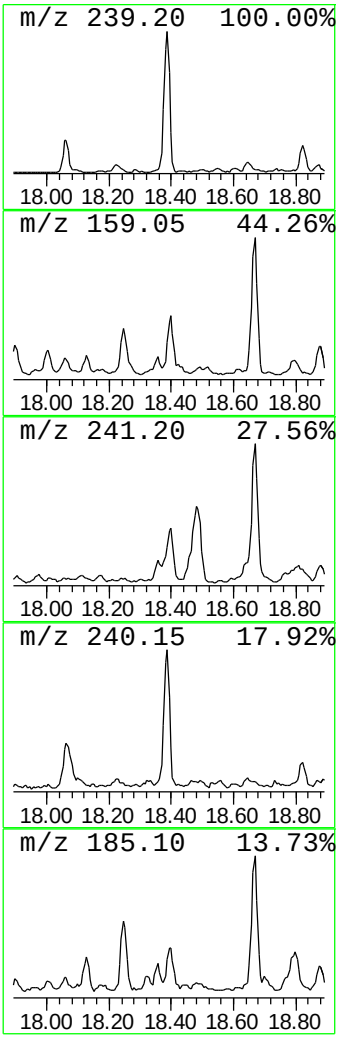
Peak Number 12 trans-1,2-Bis(methyldichlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.95 ng/ul	629373	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	93
2	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	59
3	N-(2-Imidazolidinylidene)-p-tolu...	239	C10H13N3O2S	000884-99-1	42
4	1H-Indazole, 4-nitro-1-phenyl-	239	C13H9N3O2	1000327-29-9	42
5	Silane, diphenyl(2-methoxyethoxy...	316	C18H24O3Si	1000367-72-1	39





Library Search Compound Report

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Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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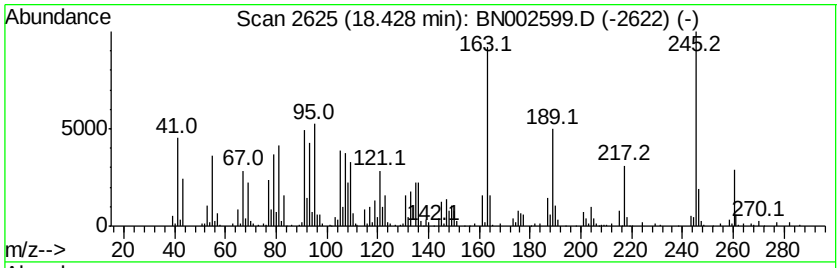
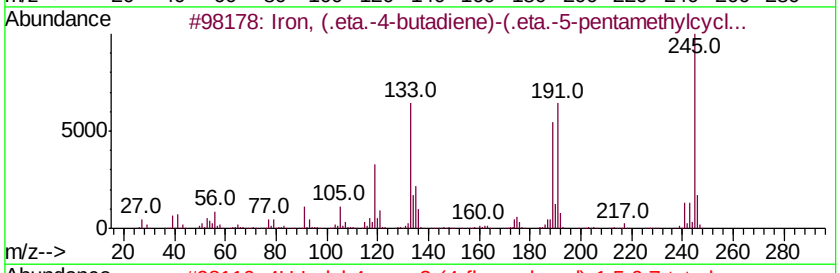
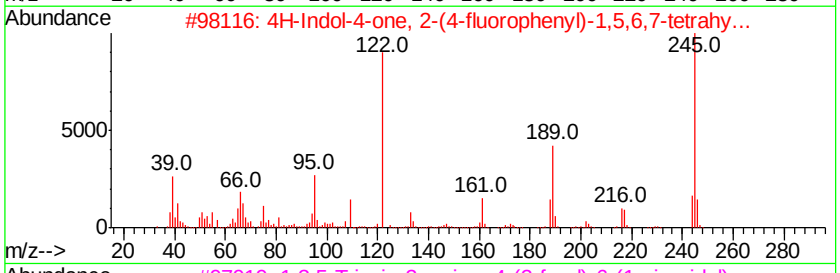
Peak Number 13 unknown-06 Concentration Rank 13

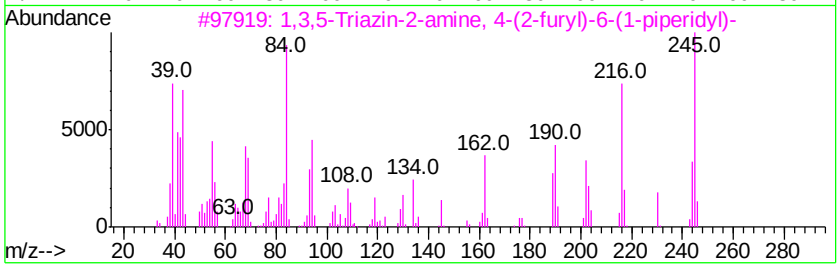
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.06 ng/ul	643267	Phenanthrene-d10	17.05

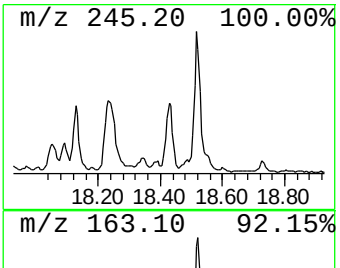
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, (.eta.-4-butadiene)-(.eta....	245	C14H21Fe	1000161-69-5	46
2	4H-Indol-4-one, 2-(4-fluorophenyl...	245	C14H12FNO2	1000337-74-5	38
3	1,3,5-Triazin-2-amine, 4-(2-furyl...	245	C12H15N5O	148403-53-6	35
4	Androstane, (5.alpha.)-	260	C19H32	000438-22-2	25
5	7H-Benz[c]acridin-12-one	245	C17H11NO	050405-26-0	18

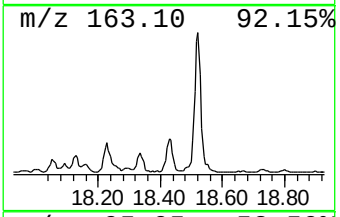


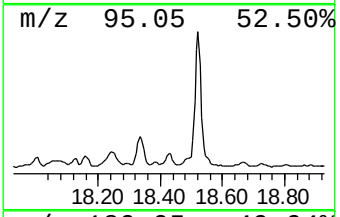


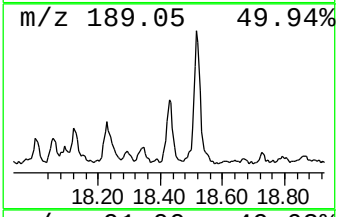


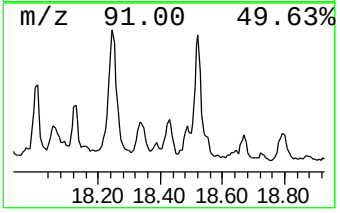












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Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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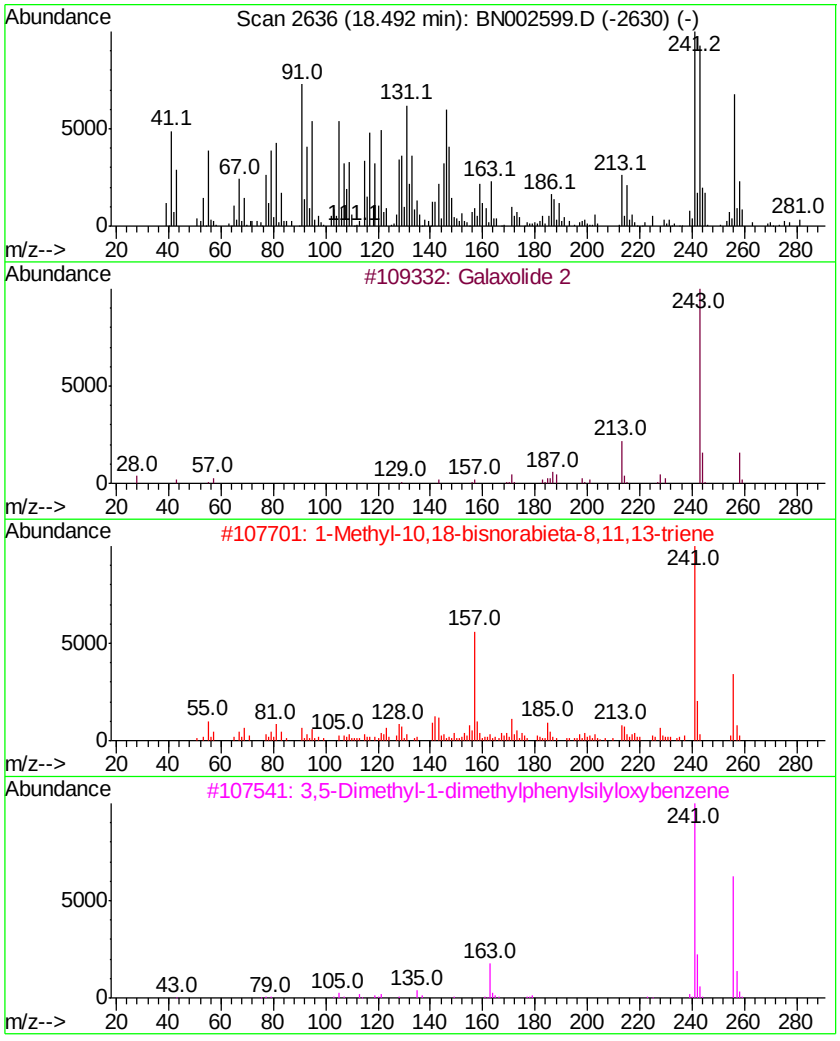
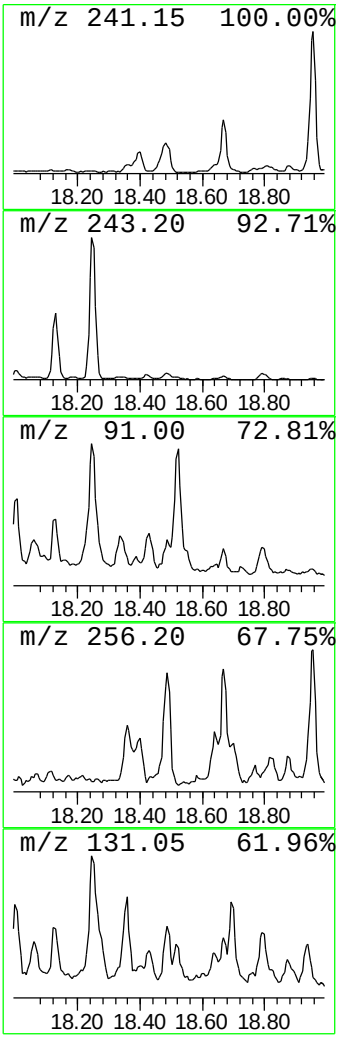
Peak Number 14 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.90 ng/ul	622505	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Galaxolide 2	258	C18H26O	1000285-26-7	43
2	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	42
3	3,5-Dimethyl-1-dimethylphenylsil...	256	C16H20OSi	1000307-90-6	42
4	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	35
5	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	35





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Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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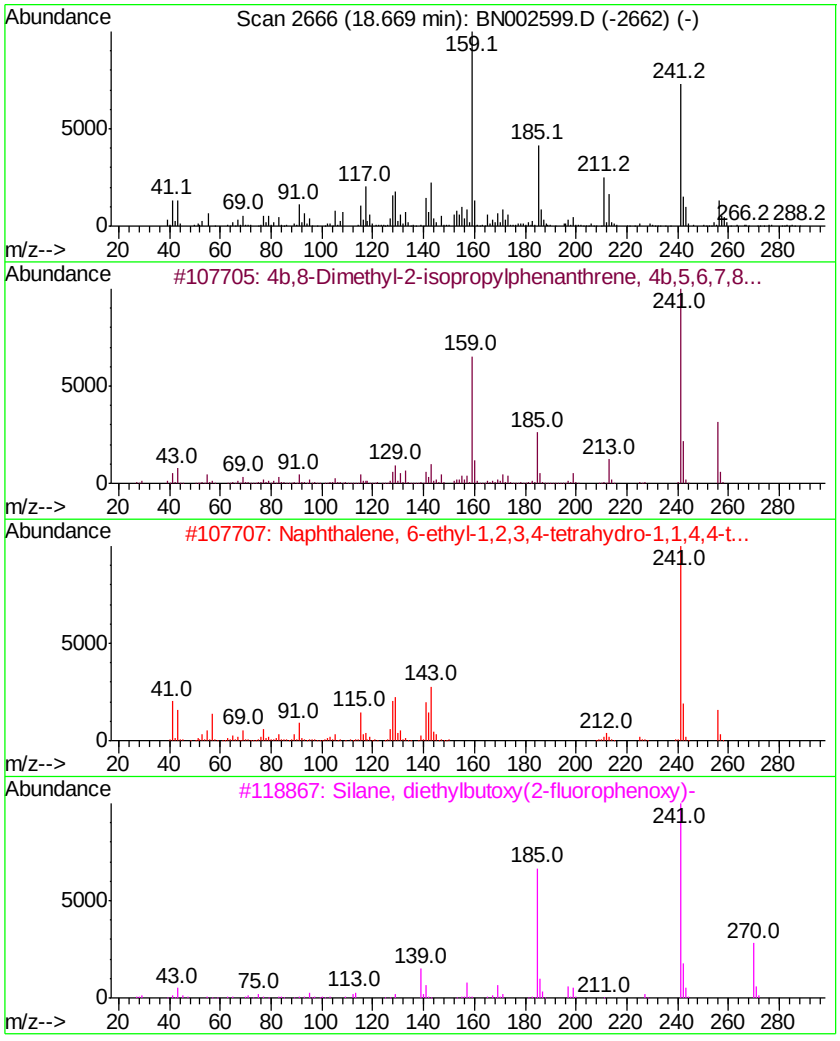
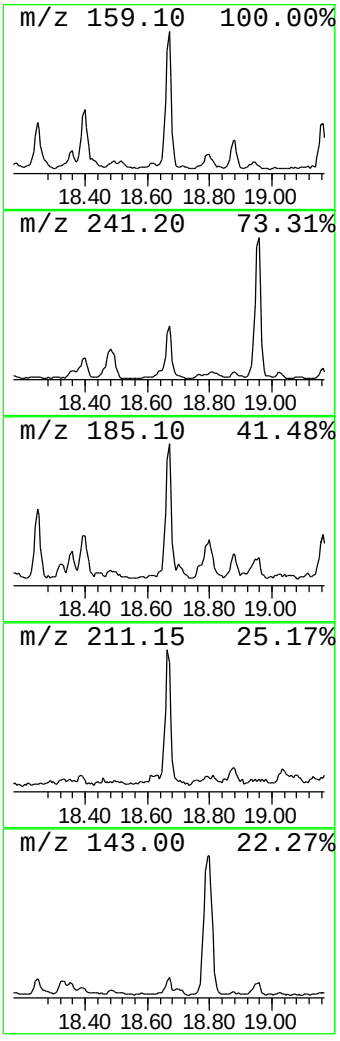
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.39 ng/ul	684401	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	89
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	55
3	Silane, diethylbutoxy(2-fluoroph...	270	C14H23FO2Si	1000363-30-0	35
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	30
5	Methyl 3-amino-2-cyano-3-(3-indo...	241	C13H11N3O2	018234-27-0	30





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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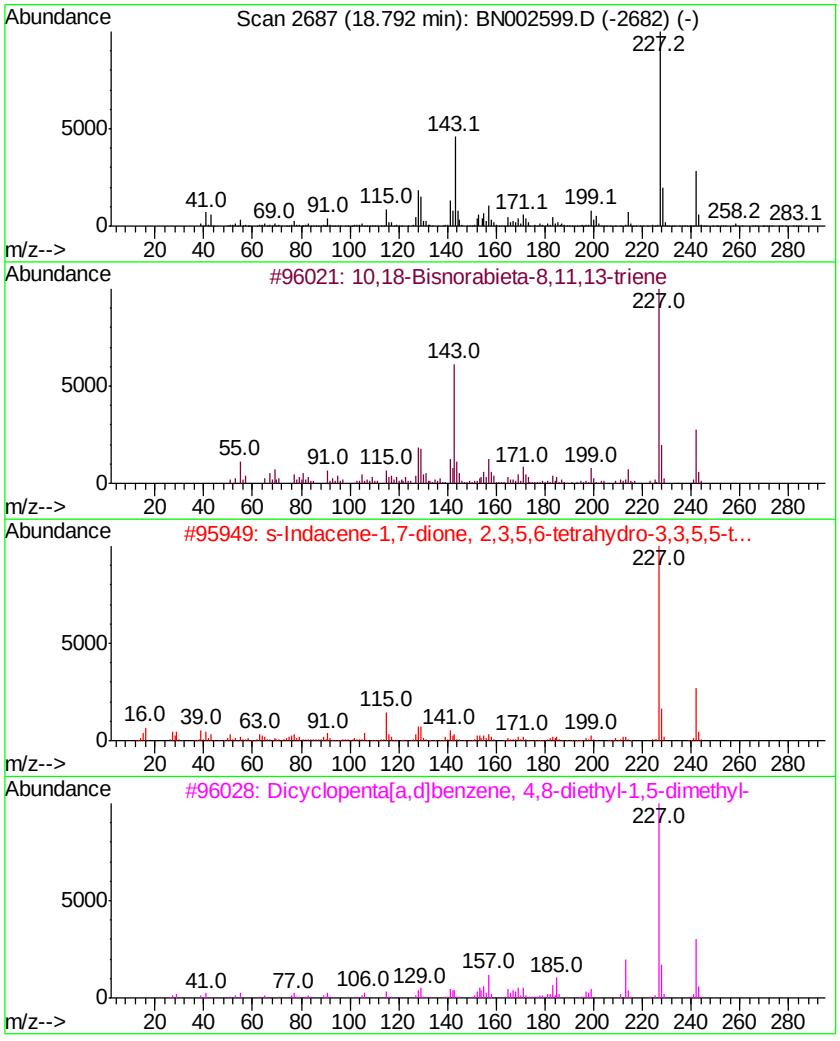
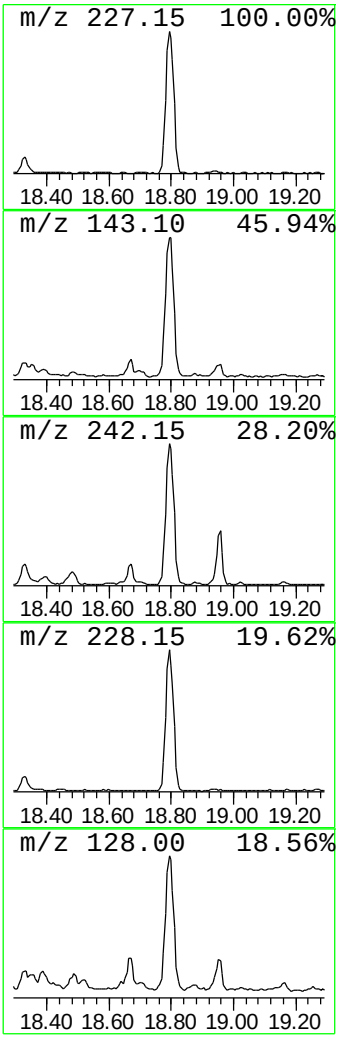
Peak Number 17 10,18-Bisnorabieta-8,11,13-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	20.25 ng/ul	2572660	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	95
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	58
3	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	55
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	49
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	46





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Quant Title : SVOA CALIBRATION

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

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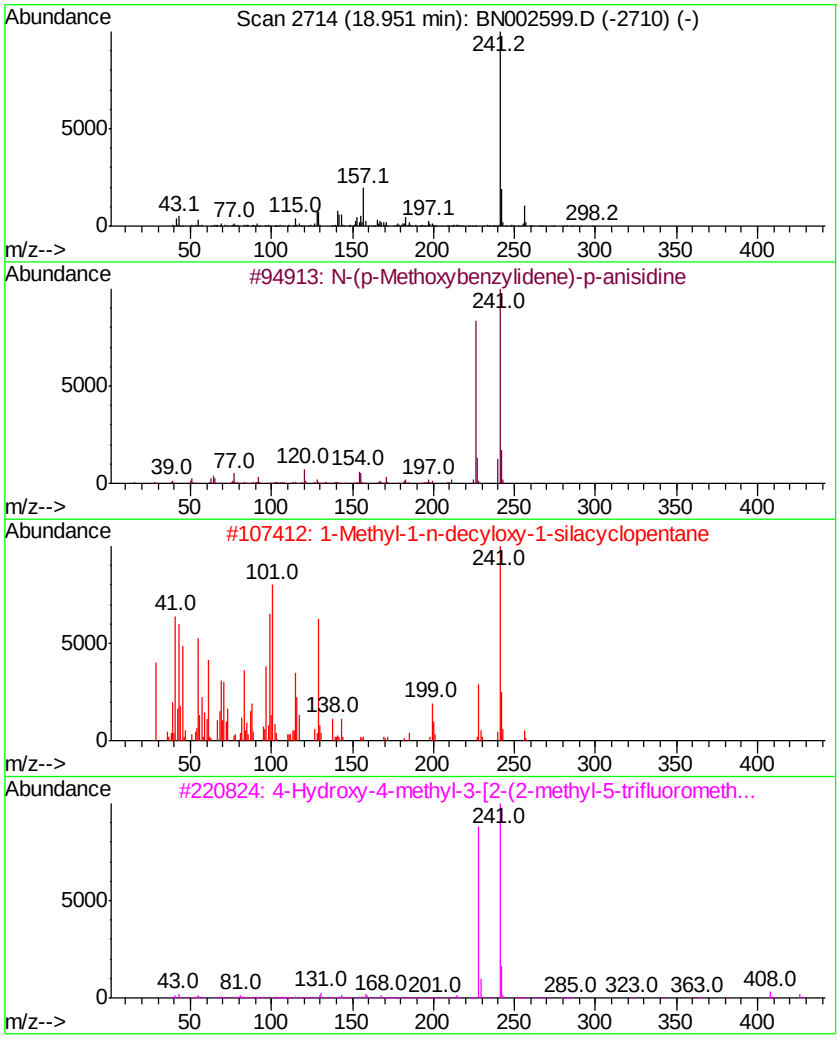
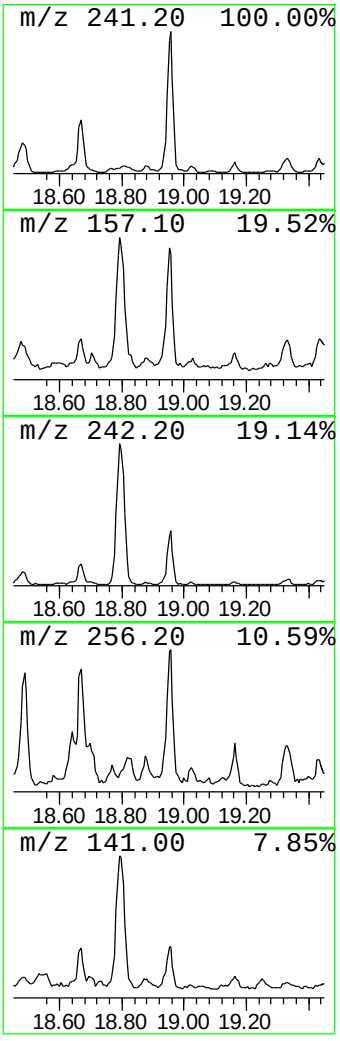
Peak Number 18 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	5.16 ng/ul	655370	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(p-Methoxybenzylidene)-p-anisi...	241	C15H15NO2	001749-08-2	47
2	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	42
3	4-Hydroxy-4-methyl-3-[2-(2-methy...	426	C21H25F3N2O4	1000295-16-9	40
4	1-Methyl-1-n-tridecyloxy-1-silac...	284	C17H36OSi	1000216-92-5	37
5	1,3,5,7-Tetrasilatricyclo[3.3.1....	256	C10H24Si4	017995-33-4	36





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Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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Quant Title : SVOA CALIBRATION

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

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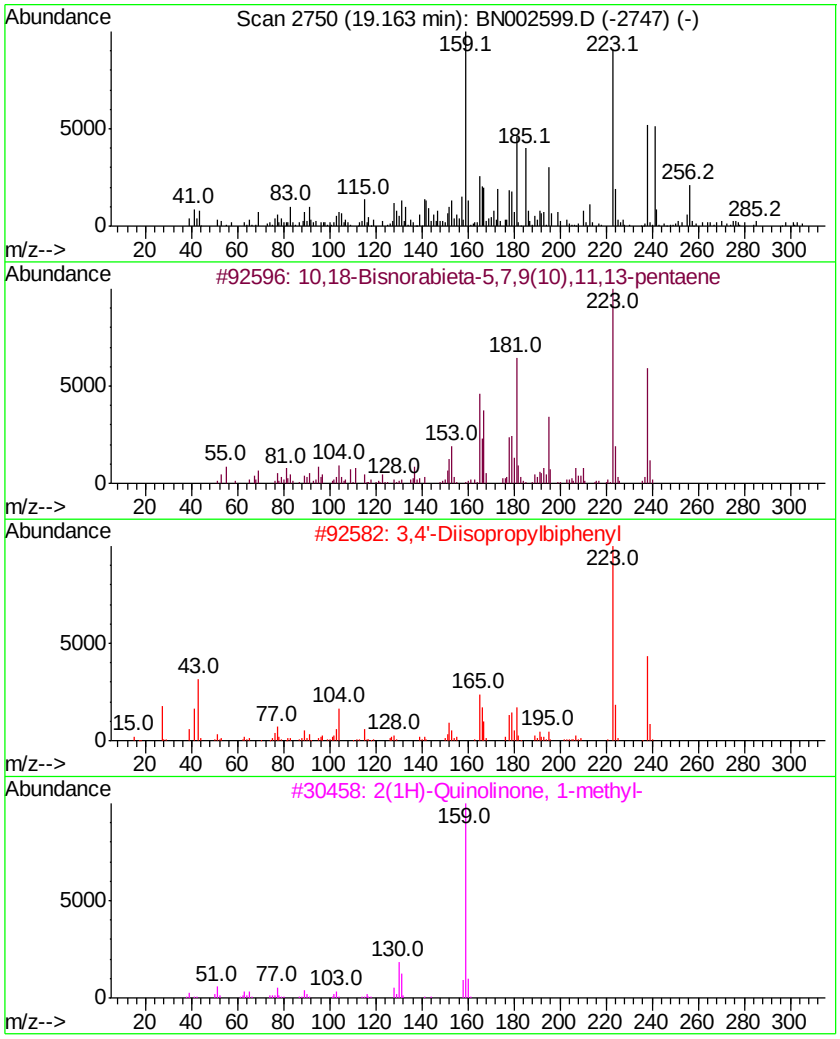
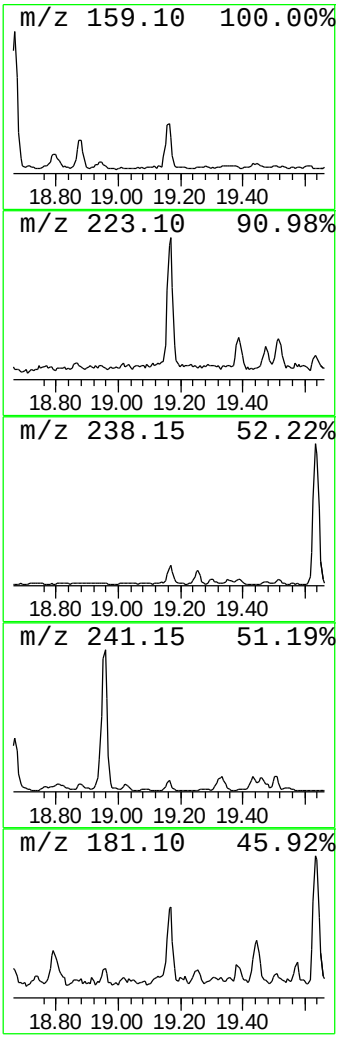
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.21 ng/ul	330409	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	66
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	55
3	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	15
4	3,5-Diphenyl-4-methyl-3-penten-2...	250	C18H18O	081826-04-2	15
5	Benzenamine, 3-(5-methyl-1H-1,3-...	223	C14H13N3	1000319-43-9	11





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Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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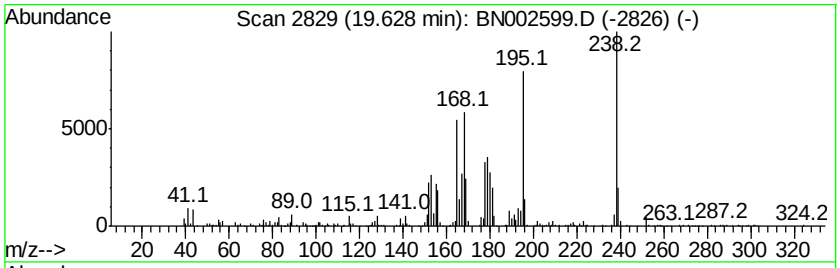
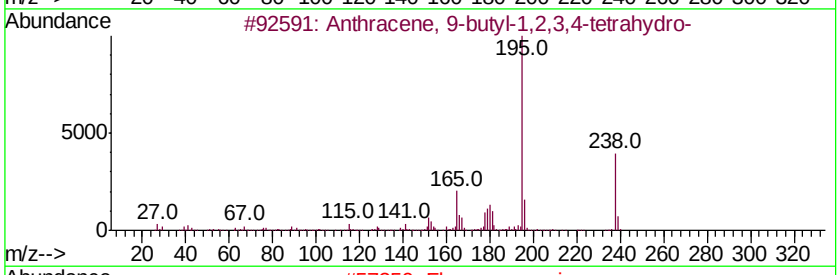
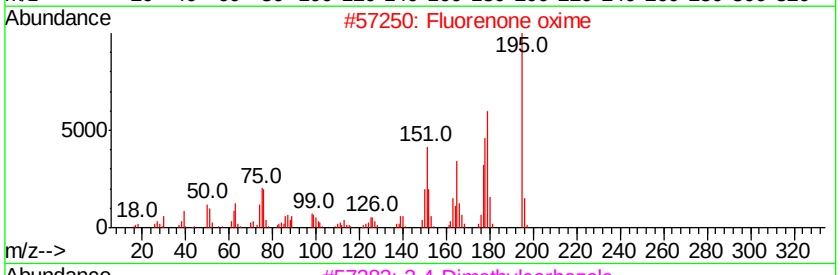
Peak Number 20 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 10

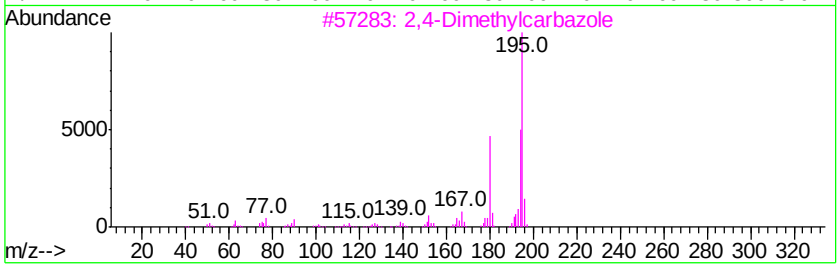
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	6.30 ng/ul	942782	Chrysene-d12	21.25

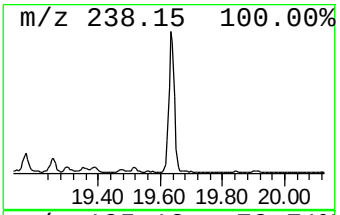
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	50
2	Fluorenone oxime	195	C13H9NO	002157-52-0	30
3	2,4-Dimethylcarbazole	195	C14H13N	1000326-01-2	25
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	238	C18H22	056667-01-7	25
5	1H-Benz[f]isoindol-3-amine, 1-im...	195	C12H9N3	065558-69-2	25

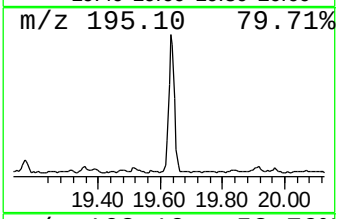


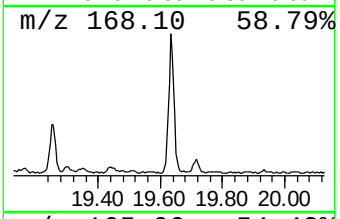


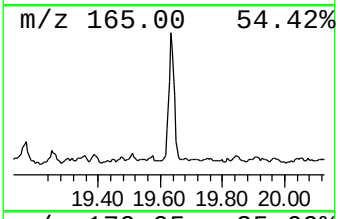


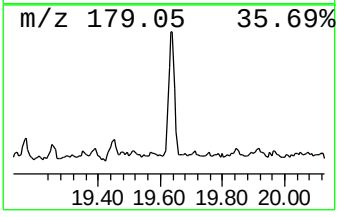












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Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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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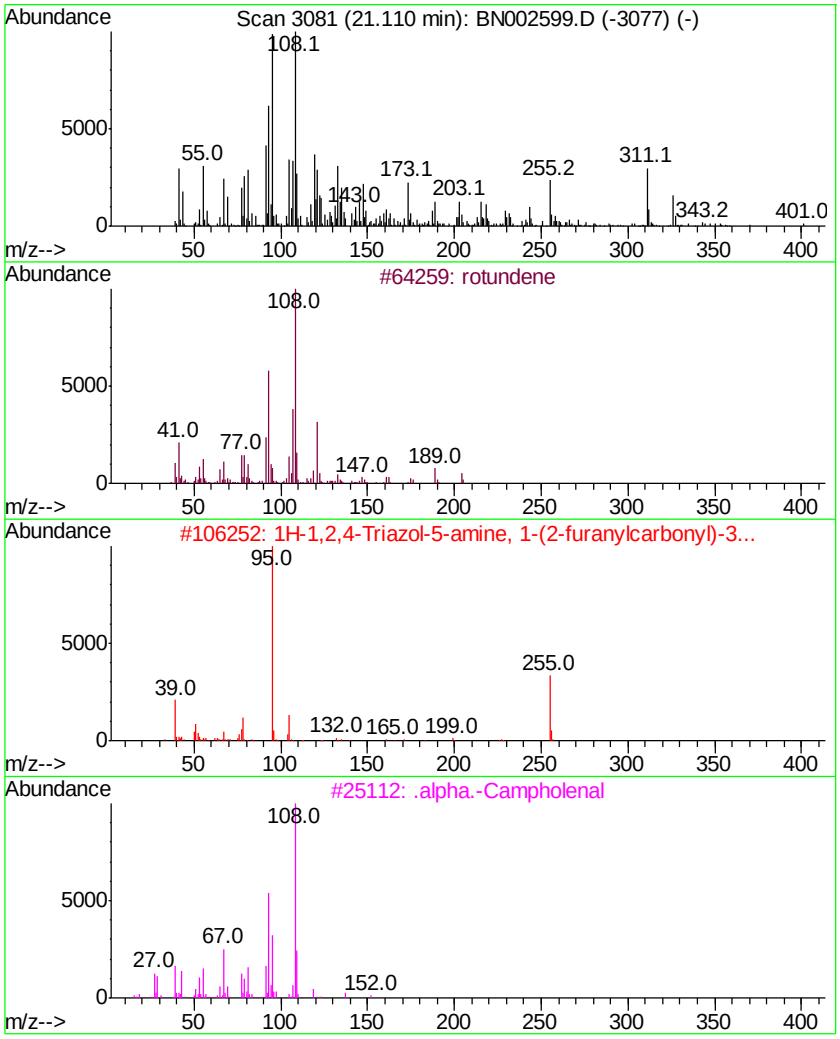
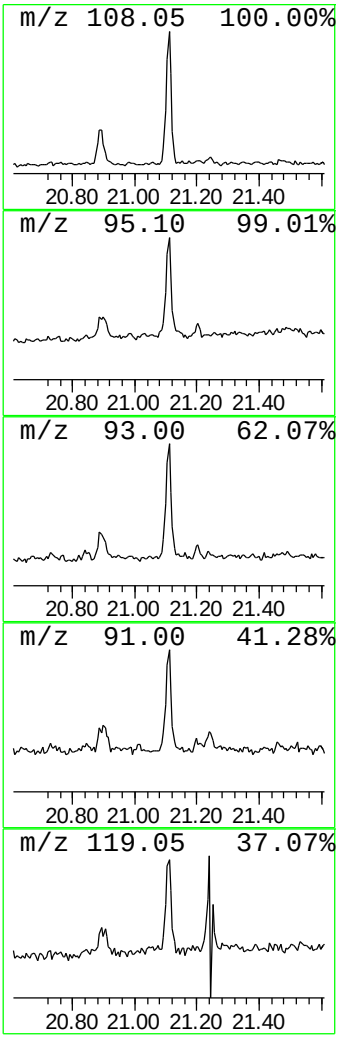
Peak Number 21 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	4.08 ng/ul	611043	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	rotundene	204	C15H24	1000374-17-0	35
2	1H-1,2,4-Triazol-5-amine, 1-(2-f...	255	C12H9N5O2	1000319-99-7	18
3	.alpha.-Campholenal	152	C10H16O	004501-58-0	14
4	1,3-Diphenyl-1,2-butanediol	242	C16H18O2	005381-88-4	14
5	2-Furoic acid, 2,7-dimethyloct-7...	246	C15H18O3	1000299-23-8	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002599.D
Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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

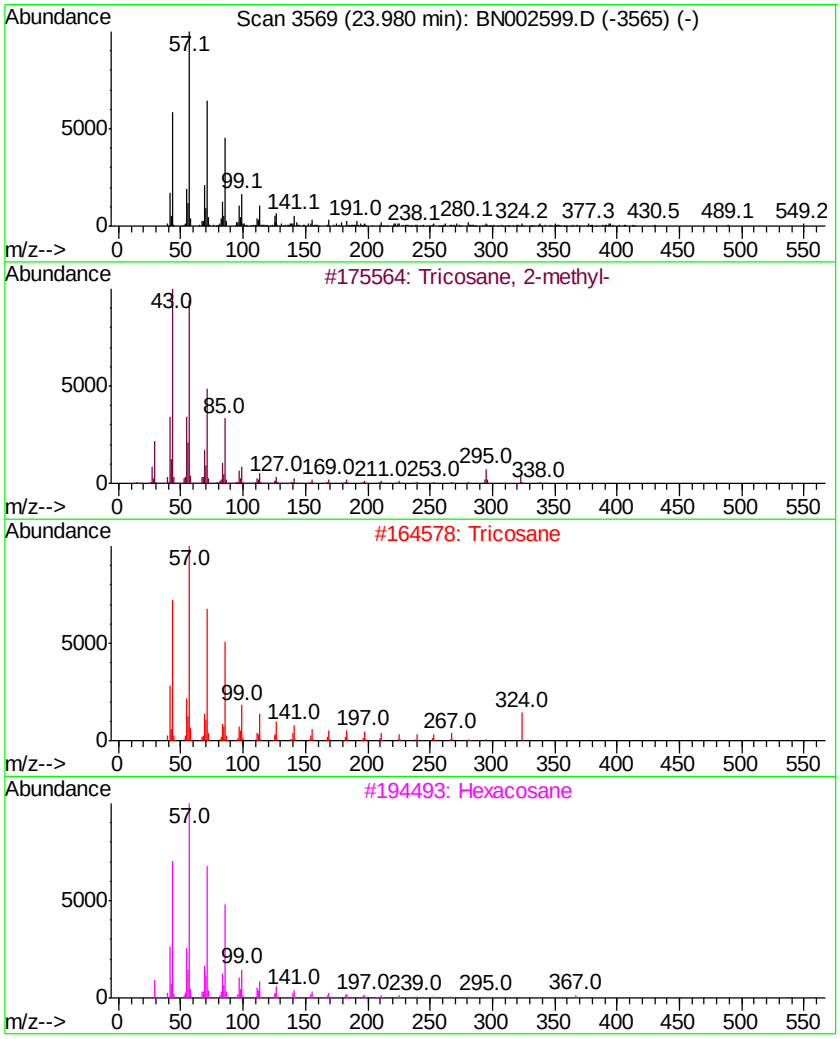
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

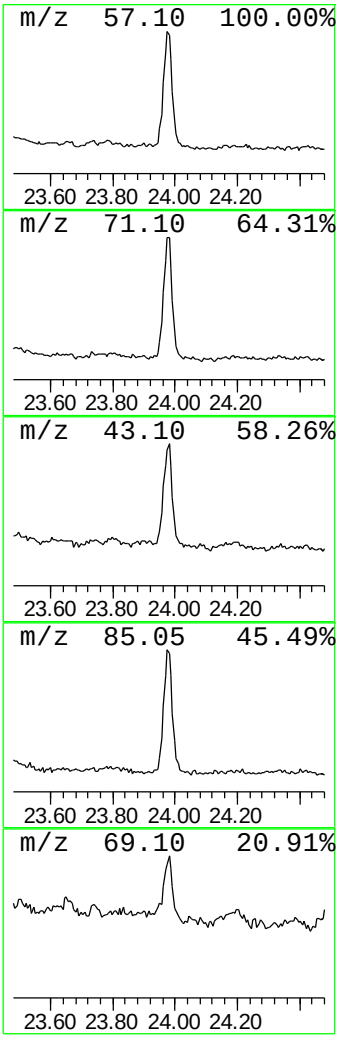
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.94 ng/ul	620778	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Acq On : 06 Sep 2018 02:27
Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

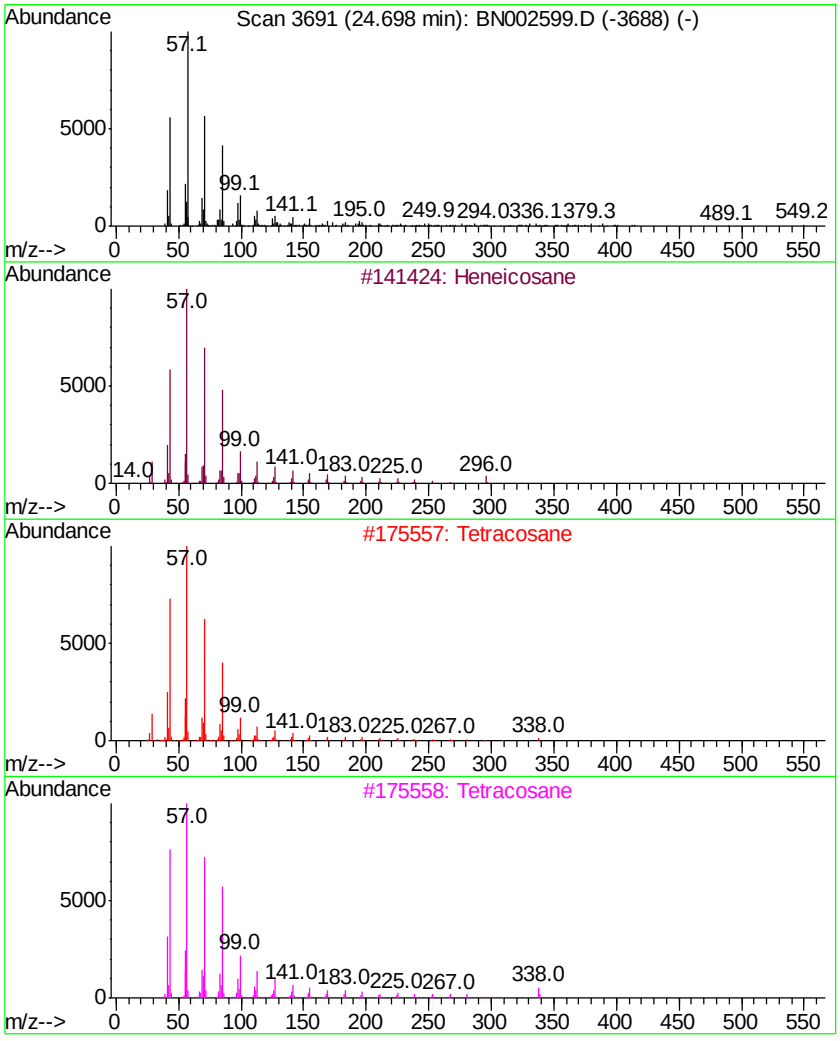
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

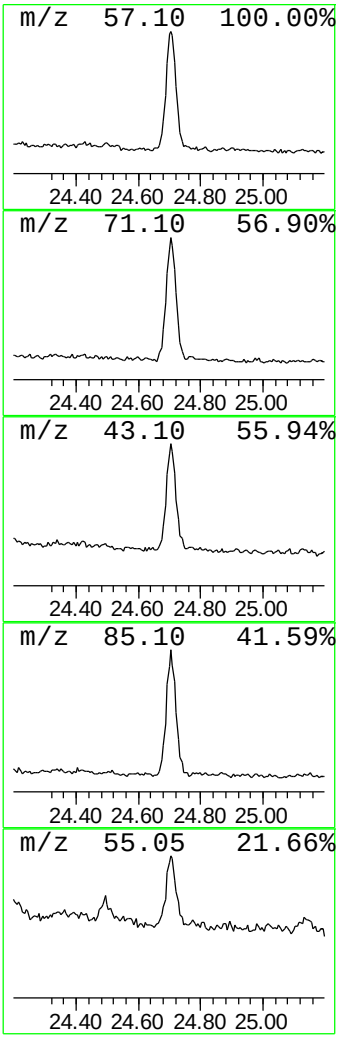
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	3.89 ng/ul	612565	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetracosane	338	C24H50	000646-31-1	96
3	Tetracosane	338	C24H50	000646-31-1	93
4	Octacosane	394	C28H58	000630-02-4	93
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : J4688-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z32

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
unknown-01	17.50	4.0	ng/ul	506690	4	17.05	2541350	20.0
1H-Cyclobuta[c]pe...	17.56	3.1	ng/ul	400678	4	17.05	2541350	20.0
Naphthalene, 6-et...	17.73	9.3	ng/ul	1182900	4	17.05	2541350	20.0
unknown-02	17.79	2.3	ng/ul	295705	4	17.05	2541350	20.0
unknown-03	17.90	11.5	ng/ul	1466560	4	17.05	2541350	20.0
unknown-04	18.06	9.4	ng/ul	1200640	4	17.05	2541350	20.0
1-Cyclohexyldimet...	18.13	7.3	ng/ul	928341	4	17.05	2541350	20.0
18-Norabietane	18.16	2.2	ng/ul	276751	4	17.05	2541350	20.0
3a-(3,4-Methylene...	18.25	24.8	ng/ul	3144630	4	17.05	2541350	20.0
unknown-05	18.33	12.3	ng/ul	1559390	4	17.05	2541350	20.0
trans-1,2-Bis(met...	18.39	5.0	ng/ul	629373	4	17.05	2541350	20.0
unknown-06	18.43	5.1	ng/ul	643267	4	17.05	2541350	20.0
unknown-07	18.49	4.9	ng/ul	622505	4	17.05	2541350	20.0
4b,8-Dimethyl-2-i...	18.67	5.4	ng/ul	684401	4	17.05	2541350	20.0
10,18-Bisnorabiet...	18.79	20.3	ng/ul	2572660	4	17.05	2541350	20.0
unknown-08	18.95	5.2	ng/ul	655370	4	17.05	2541350	20.0
10,18-Bisnorabiet...	19.16	2.2	ng/ul	330409	5	21.25	2995210	20.0
Anthracene, 9-but...	19.63	6.3	ng/ul	942782	5	21.25	2995210	20.0
unknown-09	21.11	4.1	ng/ul	611043	5	21.25	2995210	20.0
(DEL) Alkane: Str...	23.98	3.9	ng/ul	620778	6	23.46	3148600	20.0
(DEL) Alkane: Str...	24.70	3.9	ng/ul	612565	6	23.46	3148600	20.0