LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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-BN121218MA.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	3.017	3	5	28	rVB	390819	594810	37.05%	3.109%
2	3.805	136	139	149	rVB	16384	25298	1.58%	0.132%
3	6.987	674	680	692	rBB2	65243	120304	7.49%	0.629%
4	7.163	705	710	718	rBB	48931	73278	4.56%	0.383%
5	7.357	738	743	751	rBB	66380	99769	6.21%	0.521%
6	7.828	818	823	830	rBB	98760	150226	9.36%	0.785%
7	8.528	936	942	951	rBB	68333	107245	6.68%	0.561%
8	8.993	1016	1021	1029	rBB	62443	101356	6.31%	0.530%
9	9.710	1138	1143	1149	rBV	52592	80458	5.01%	0.421%
10	10.240	1228	1233	1242	rBB	88899	140492	8.75%	0.734%
11	10.622	1292	1298	1305	rBV	168880	275418	17.15%	1.440%
12	10.769	1317	1323	1338	rBV	33217	59918	3.73%	0.313%
13	13.869	1845	1850	1854	rBV	173780	234602	14.61%	1.226%
14	13.916	1854	1858	1863	rVB	61284	78240	4.87%	0.409%
15	14.157	1893	1899	1910	rBB	208644	317700	19.79%	1.661%
16	14.463	1945	1951	1958	rVB2	270463	412554	25.70%	2.156%
17	14.663	1980	1985	1990	rBV	72215	105764	6.59%	0.553%
18	14.722	1990	1995	2009	rVB	122959	195611	12.18%	1.022%
19	15.457	2113	2120	2126	rBV	307028	415185	25.86%	2.170%
20	15.581	2136	2141	2147	rVV	45933	57177	3.56%	0.299%
21	16.863	2355	2359	2364	rBV	17137	23075	1.44%	0.121%
22	17.028	2383	2387	2393	rVB	21268	28633	1.78%	0.150%
23	17.210	2412	2418	2421	rBV	394552	550625	34.30%	2.878%
24	17.251	2421	2425	2430	rVV	501284	644380	40.13%	3.368%
25	17.310	2430	2435	2439	rVV	328584	481690	30.00%	2.518%
26	17.339	2439	2440	2445	rVB	53467	50530	3.15%	0.264%
27	17.616	2476	2487	2494	rBV2	52032	80117	4.99%	0.419%
28	17.786	2512	2516	2523	rVB2	23332	29761	1.85%	0.156%
29	17.933	2535	2541	2548	rVB	10157	20577	1.28%	0.108%
30	18.080	2560	2566	2570	rBV	100293	143257	8.92%	0.749%
31	18.127	2570	2574	2583	rVV	93019	133019	8.28%	0.695%
32	18.210	2583	2588	2593	rVV	15992	26711	1.66%	0.140%
33	18.275	2593	2599	2603	rVV2	72731	141276	8.80%	0.738%
34	18.310	2603	2605	2611	rVB	51369	67246	4.19%	0.351%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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-BN121218MA.M
Title : SVOA CALIBRATION

35	18.480	2630	2634	2638	rVB2	12198	17058	1.06%	0.089%
36	18.580	2645	2651	2655	rBV	51494	73478	4.58%	0.384%
37	18.627	2655	2659	2666	rVB2	95317	132762	8.27%	0.694%
38	18.827	2689	2693	2697	rVV	21305	33091	2.06%	0.173%
39	18.875	2697	2701	2704	rVV	20561	24615	1.53%	0.129%
40	18.916	2704	2708	2715	rVB5	18144	23264	1.45%	0.122%
41	18.998	2716	2722	2727	rBV	52998	91968	5.73%	0.481%
42	19.057	2727	2732	2735	rVV3	18096	38189	2.38%	0.200%
43	19.086	2735	2737	2742	rVB	19865	22736	1.42%	0.119%
44	19.145	2742	2747	2752	rBV2	49355	85808	5.34%	0.448%
45	19.263	2760	2767	2773	rBV	887285	1201120	74.81%	6.278%
46	19.322	2773	2777	2780	rBV3	12875	17632	1.10%	0.092%
47	19.357	2780	2783	2788	rVB2	35386	47172	2.94%	0.247%
48	19.416	2789	2793	2796	rBV	15646	18614	1.16%	0.097%
49	19.463	2797	2801	2804	rBV2	21747	31163	1.94%	0.163%
50	19.504	2804	2808	2812	rBV3	55810	72548	4.52%	0.379%
51	19.604	2818	2825	2827	rBV2	550969	864153	53.82%	4.517%
52	19.633	2827	2830	2836	rVV	815518	1062539	66.18%	5.554%
53	19.698	2836	2841	2846	rVB2	50993	76191	4.75%	0.398%
54	19.804	2854	2859	2864	rVB	39287	57028	3.55%	0.298%
55	19.869	2865	2870	2875	rVB2	32662	53904	3.36%	0.282%
56	19.945	2878	2883	2884	rBV	49290	65969	4.11%	0.345%
57	20.016	2891	2895	2901	rBV2	13855	26370	1.64%	0.138%
58	20.086	2901	2907	2908	rVV3	47261	72046	4.49%	0.377%
59	20.116	2909	2912	2917	rVB2	82802	129946	8.09%	0.679%
60	20.221	2926	2930	2933	rBV3	36262	46598	2.90%	0.244%
61	20.280	2933	2940	2944	rVV3	84864	140231	8.73%	0.733%
62	20.316	2944	2946	2950	rVB	26076	26514	1.65%	0.139%
63	20.421	2960	2964	2967	rBV	81946	95544	5.95%	0.499%
64	20.463	2967	2971	2975	rVV	59686	75571	4.71%	0.395%
65	20.551	2982	2986	2989	rBV4	40634	50703	3.16%	0.265%
66	20.869	3036	3040	3045	rVB	115520	164240	10.23%	0.858%
67	21.033	3060	3068	3072	rBV2	106104	226298	14.09%	1.183%
68	21.074	3072	3075	3078	rVV	107887	167513	10.43%	0.876%
69	21.116	3079	3082	3086	rVV2	110830	196612	12.25%	1.028%
70	21.169	3087	3091	3101	rVB	130319	208362	12.98%	1.089%
71	21.280	3107	3110	3114	rVB2	56328	67584	4.21%	0.353%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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-BN121218MA.M
Title : SVOA CALIBRATION

72	21.392	3122	3129	3132	rBV2	832965	1605547	100.00%	8.392%
73	21.427	3132	3135	3144	rVB	535488	680530	42.39%	3.557%
74	21.545	3152	3155	3160	rBV	54307	83092	5.18%	0.434%
75	21.604	3162	3165	3169	rBV3	36242	62759	3.91%	0.328%
76	21.951	3221	3224	3228	rVB	99269	119347	7.43%	0.624%
77	22.004	3230	3233	3239	rVB2	59202	96685	6.02%	0.505%
78	22.945	3390	3393	3397	rVB	82654	112383	7.00%	0.587%
79	23.010	3397	3404	3409	rBV	383186	952579	59.33%	4.979%
80	23.504	3483	3488	3492	rBV	230438	458254	28.54%	2.395%
81	23.557	3493	3497	3501	rVV	380312	699176	43.55%	3.654%
82	23.604	3501	3505	3513	rVB	301714	566477	35.28%	2.961%
83	23.710	3516	3523	3528	rBV	466660	913105	56.87%	4.772%
84	24.192	3602	3605	3612	rVB2	95836	173803	10.83%	0.908%
85	26.056	3915	3922	3931	rVB	156537	443051	27.60%	2.316%
86	26.786	4039	4046	4055	rVB2	107212	294413	18.34%	1.539%

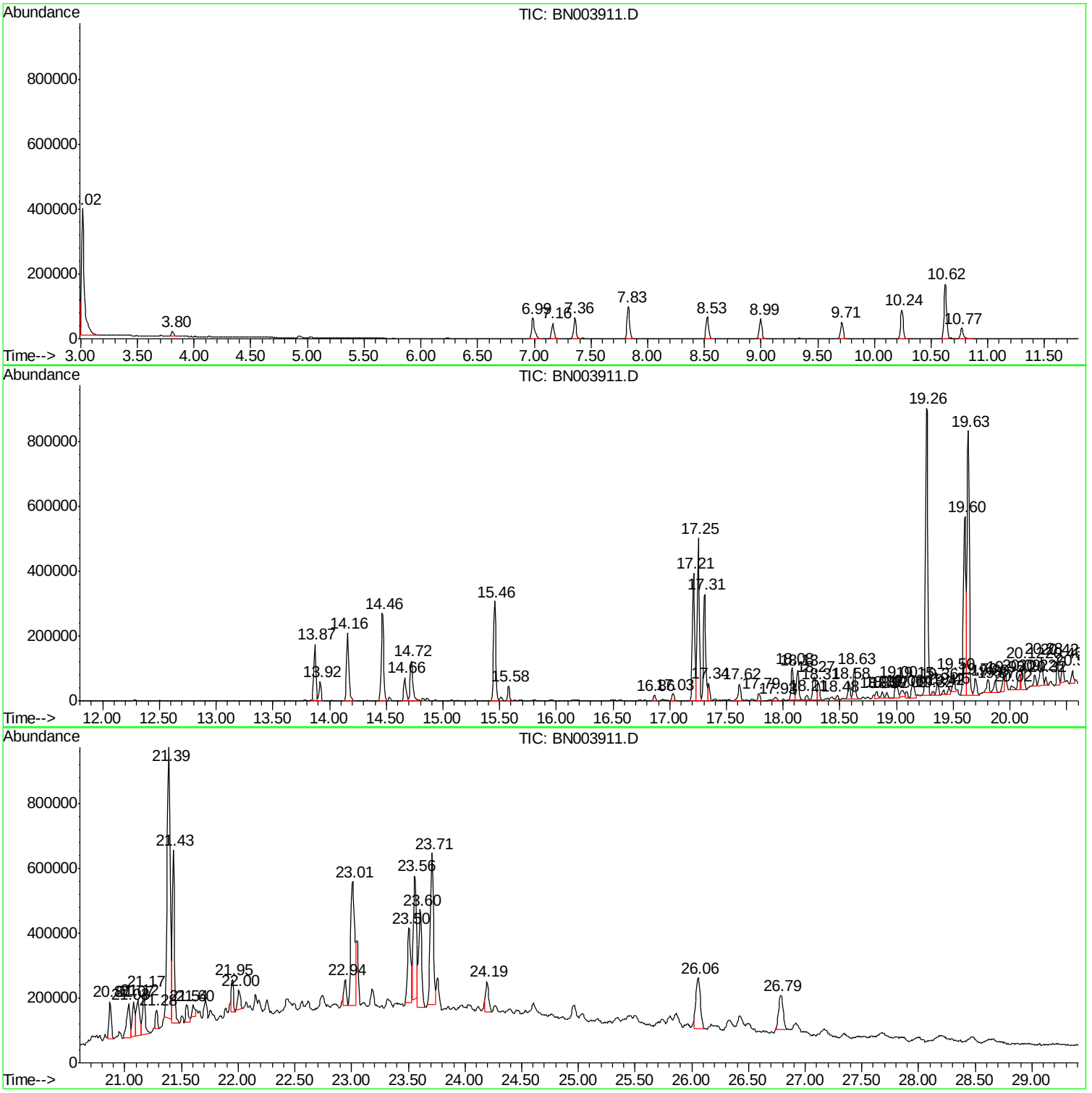
Sum of corrected areas: 19132637

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

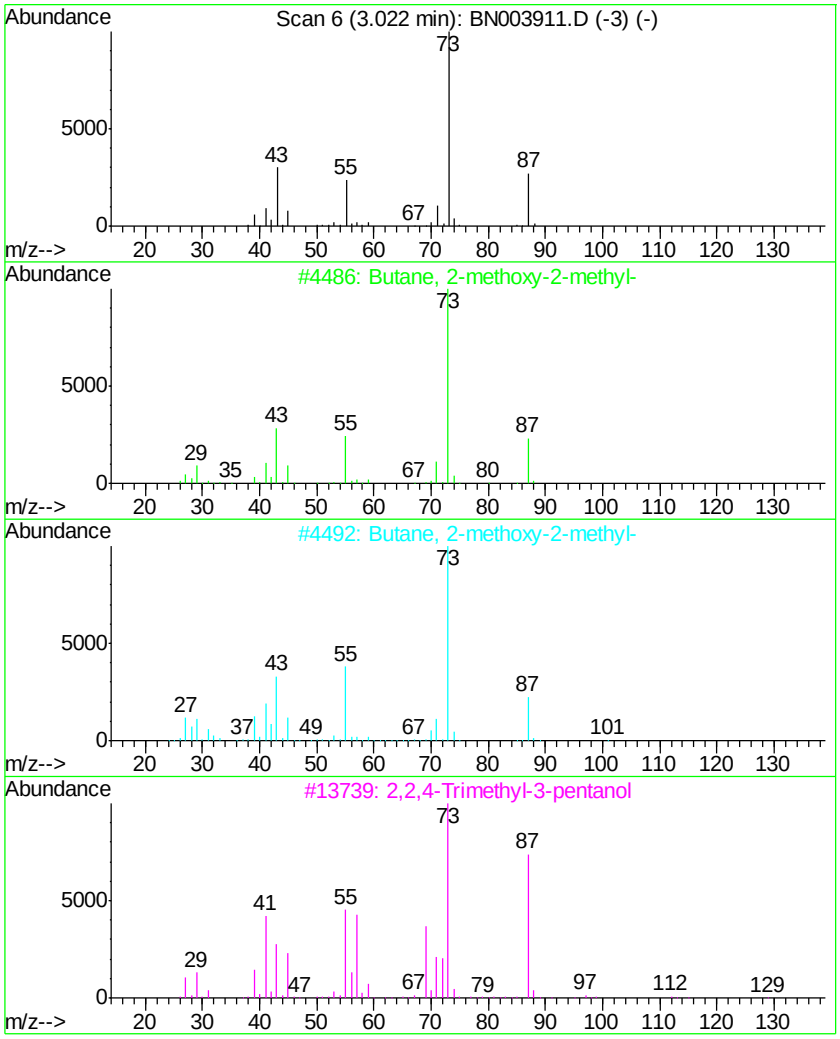
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

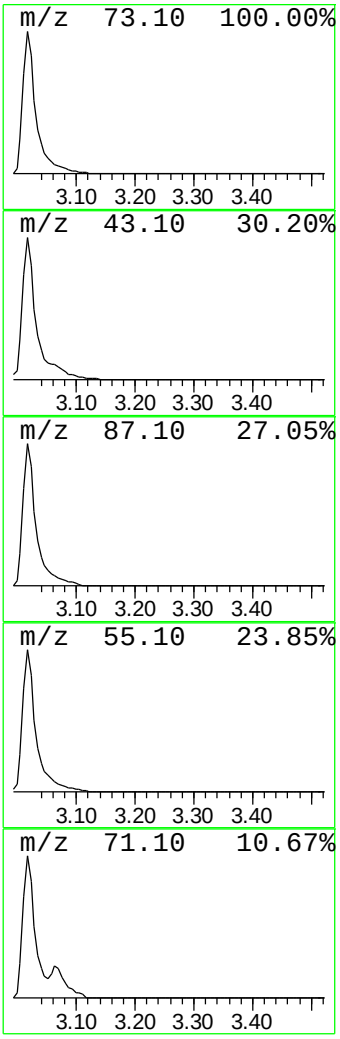
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	79.19 ng/ul	594810	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

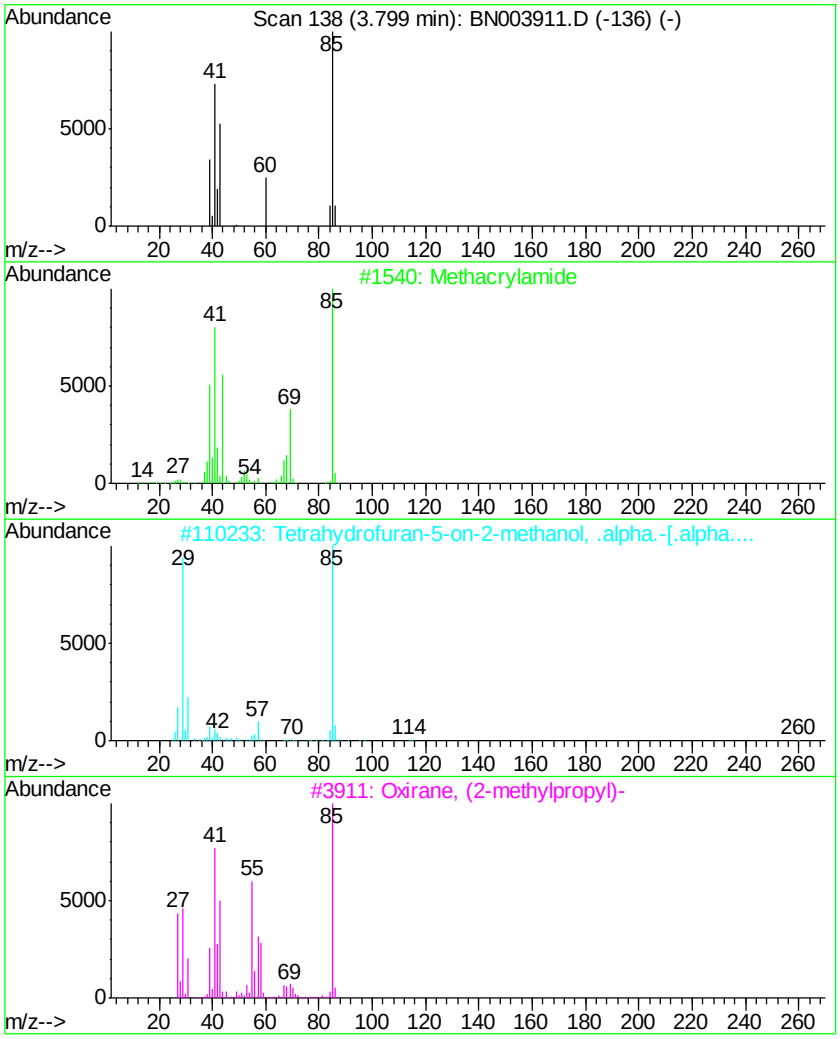
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

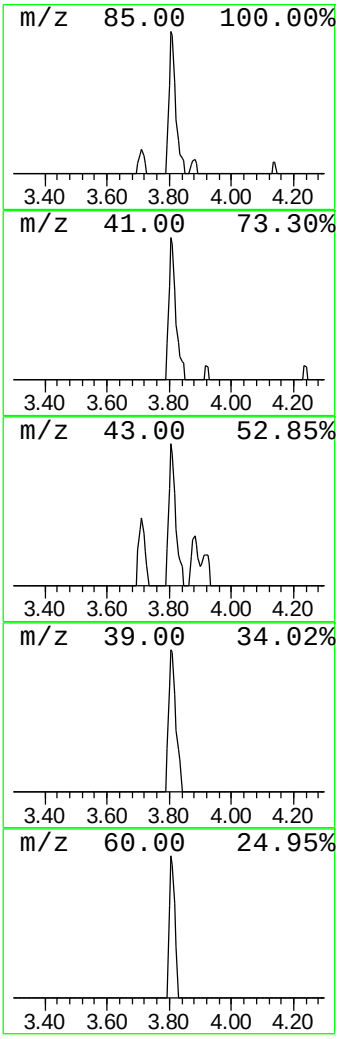
****

Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	3.37 ng/ul	25298	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	Tetrahydrofuran-5-on-2-methanol,...	260	C11H16O7	1000192-28-3	33
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
5	Methacrylamide	85	C4H7NO	000079-39-0	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

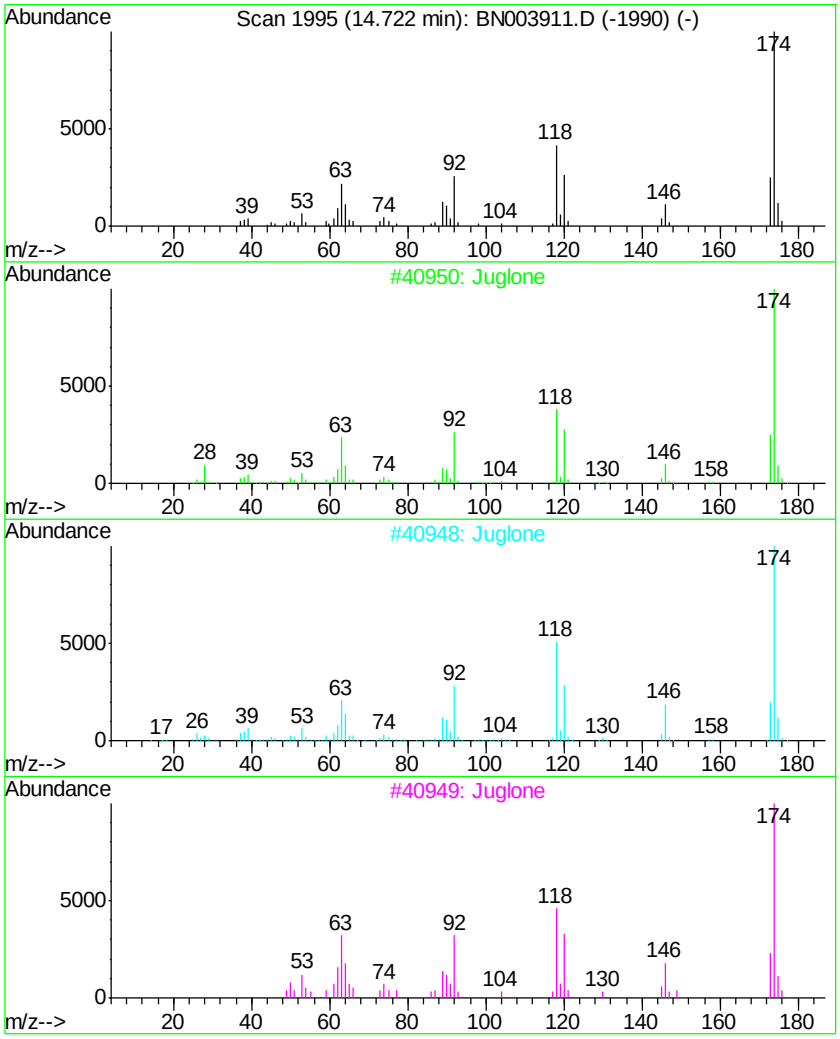
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

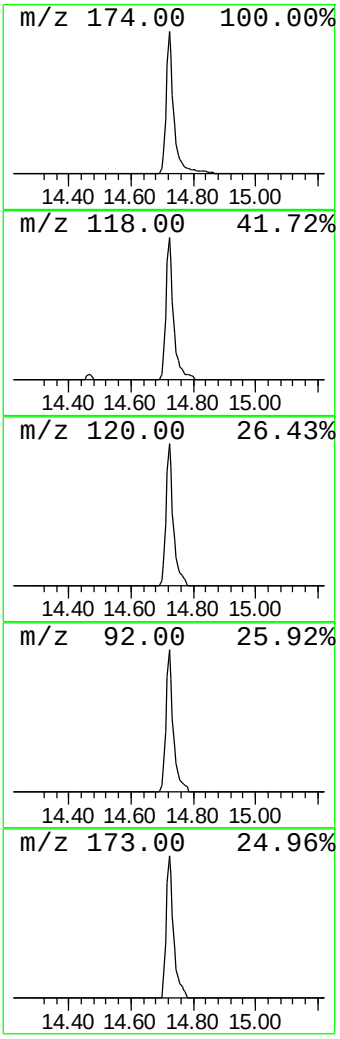
****

Peak Number 3 Juglone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	9.48 ng/ul	195611	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	98
2	Juglone	174	C10H6O3	000481-39-0	91
3	Juglone	174	C10H6O3	000481-39-0	91
4	8-Quinolinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	43
5	Thieno[3,2-e]benzofuran	174	C10H6OS	000438-27-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

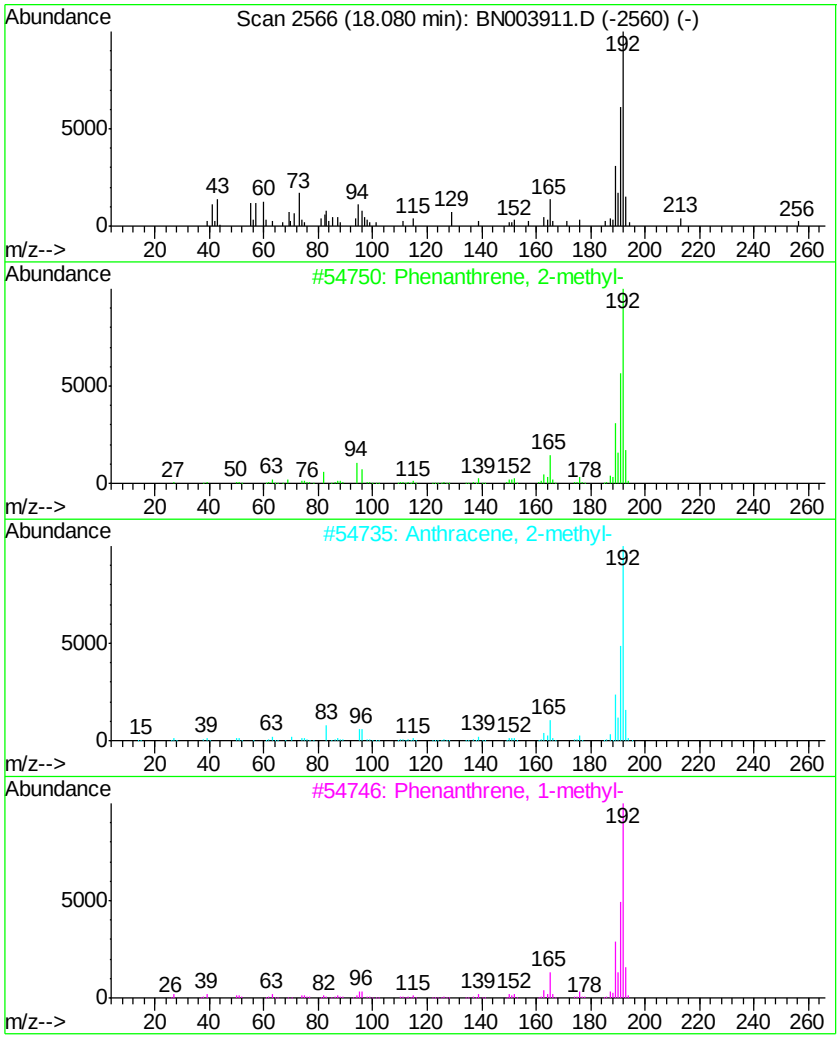
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

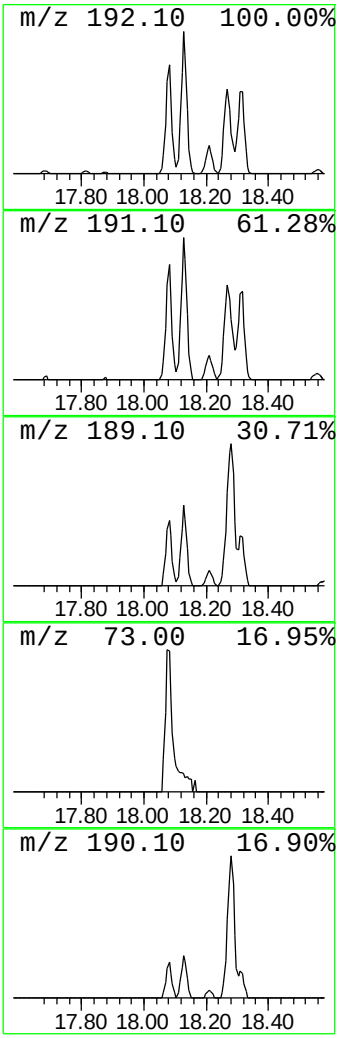
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.20 ng/ul	143257	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

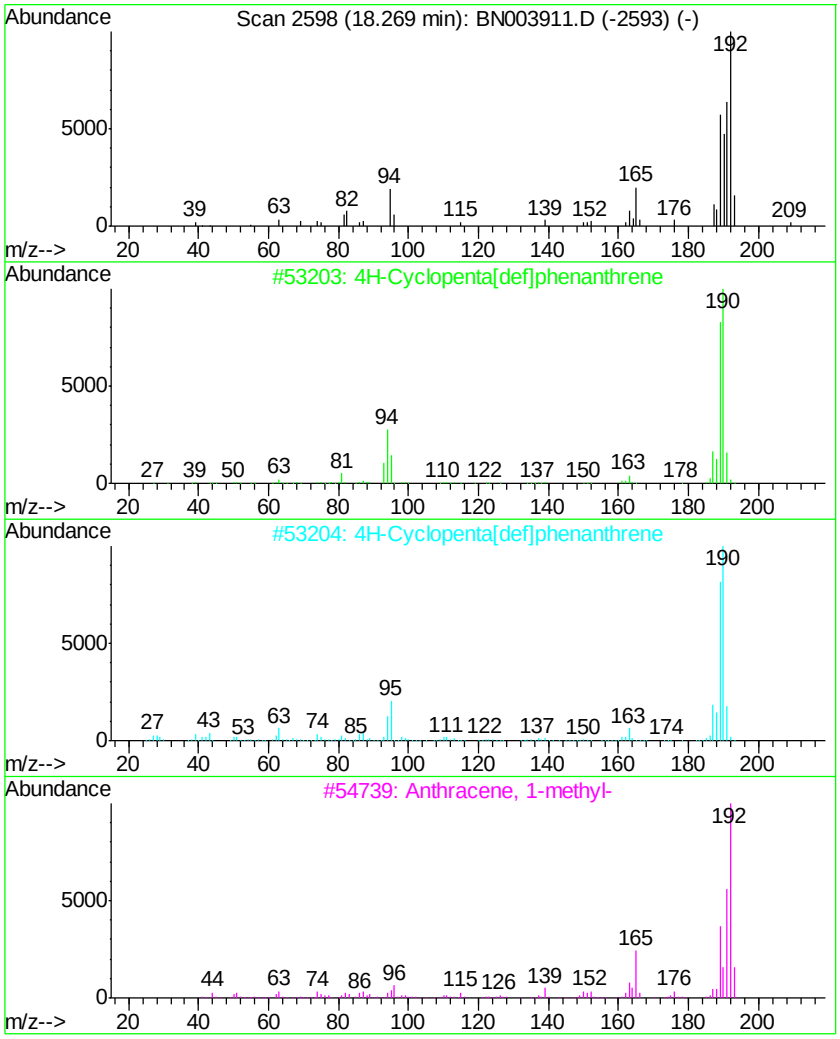
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

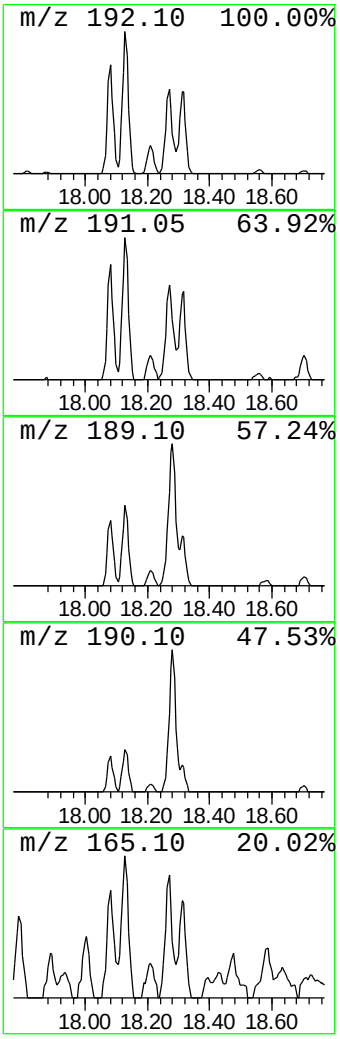
****

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.13 ng/ul	141276	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

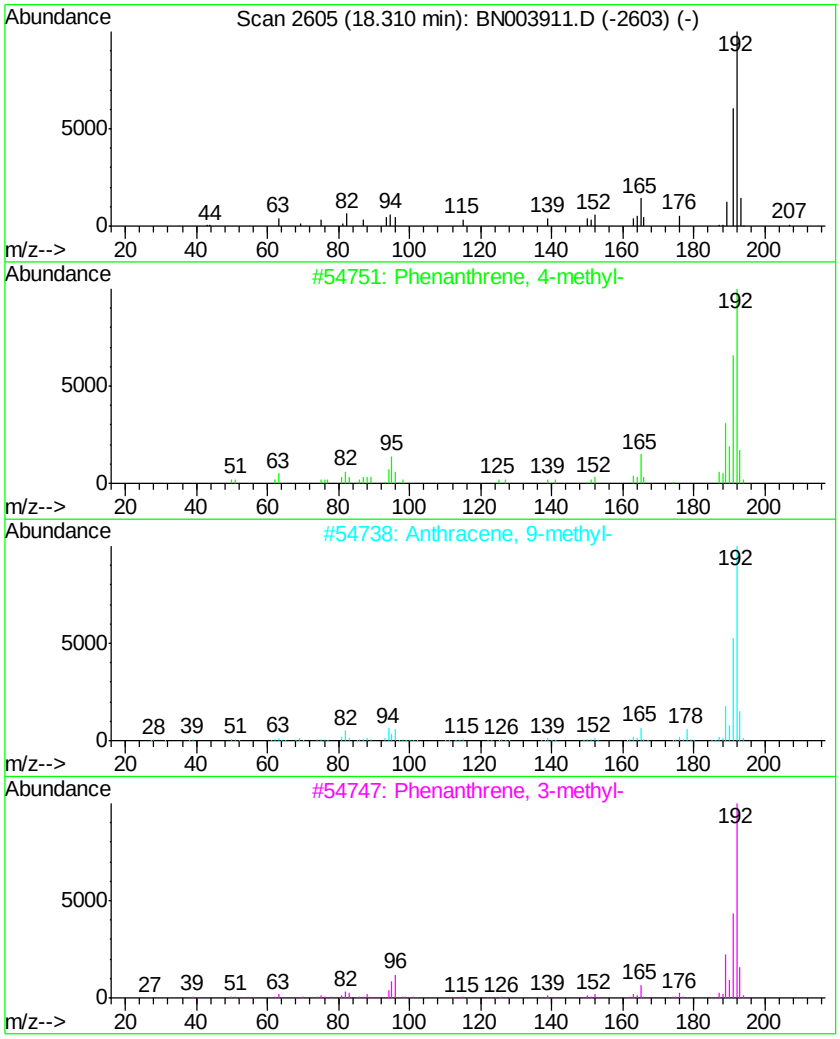
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

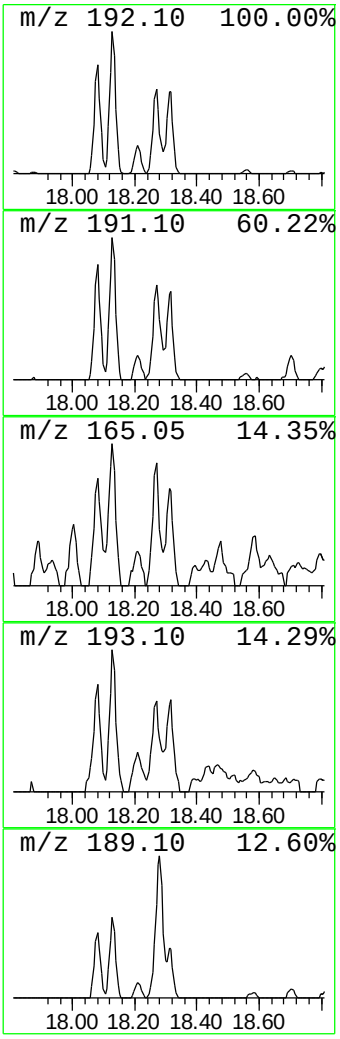
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.44 ng/ul	67246	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

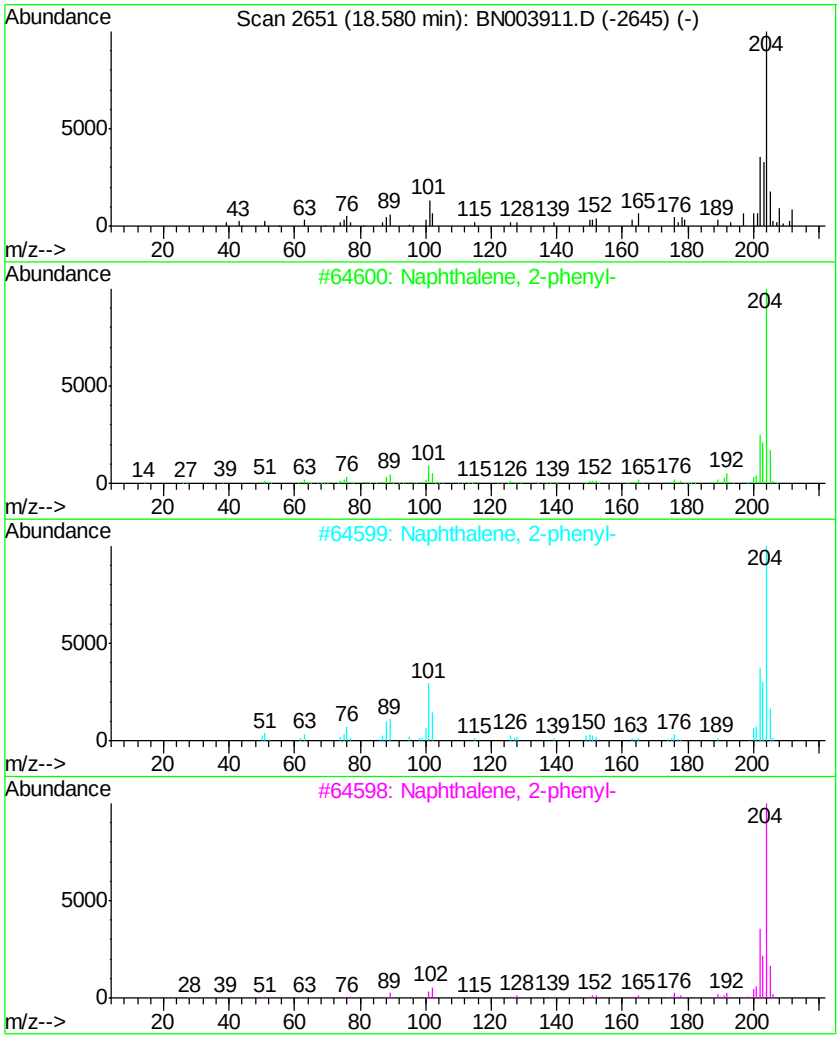
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

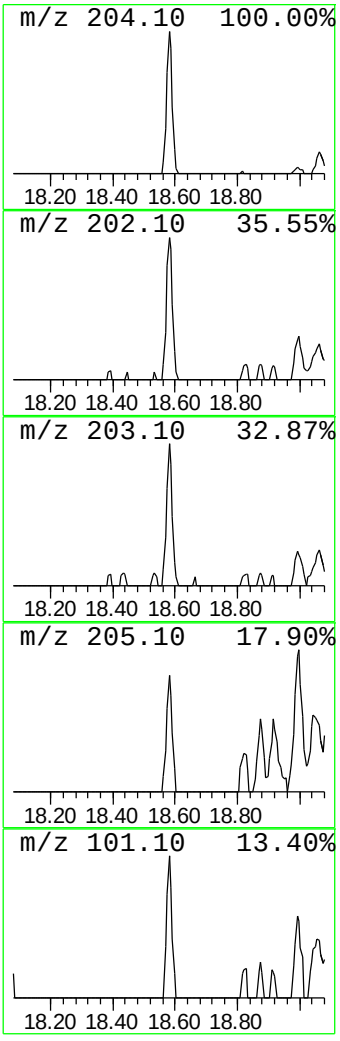
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.67 ng/ul	73478	Phenanthrene-d10	17.21

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	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

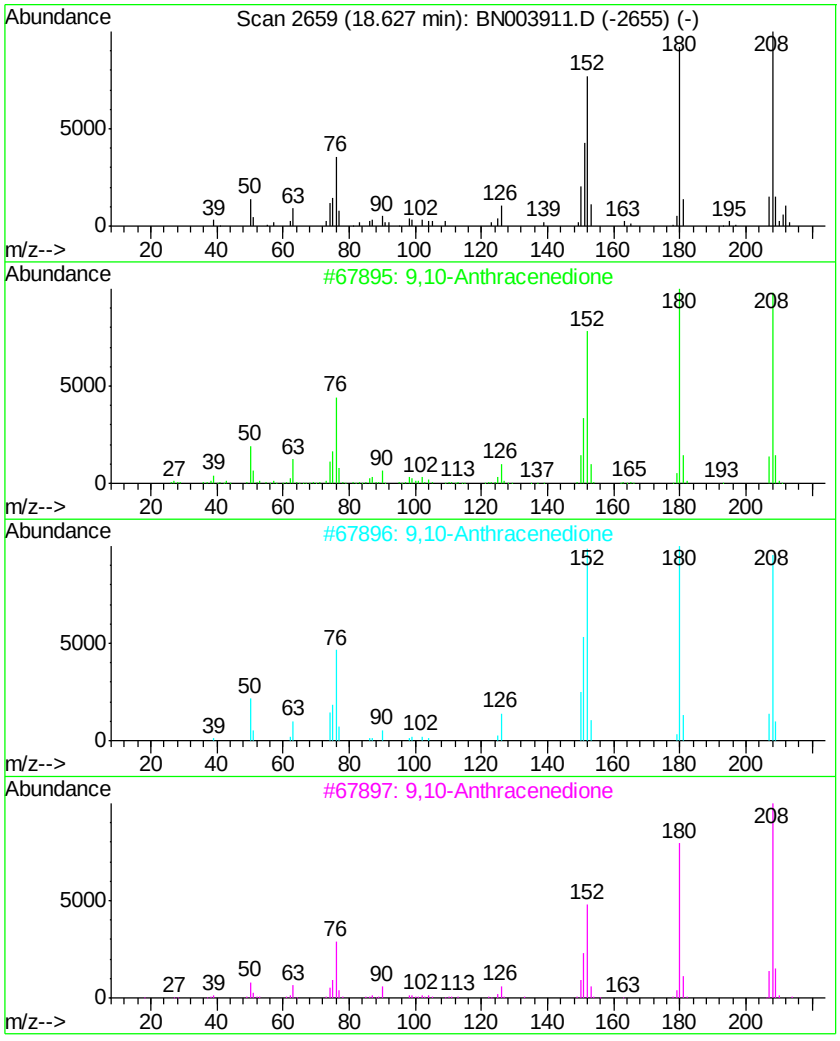
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

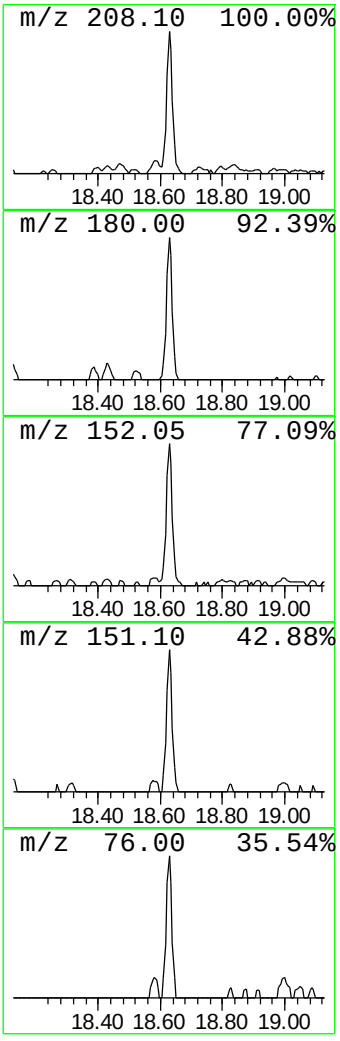
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.82 ng/ul	132762	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

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

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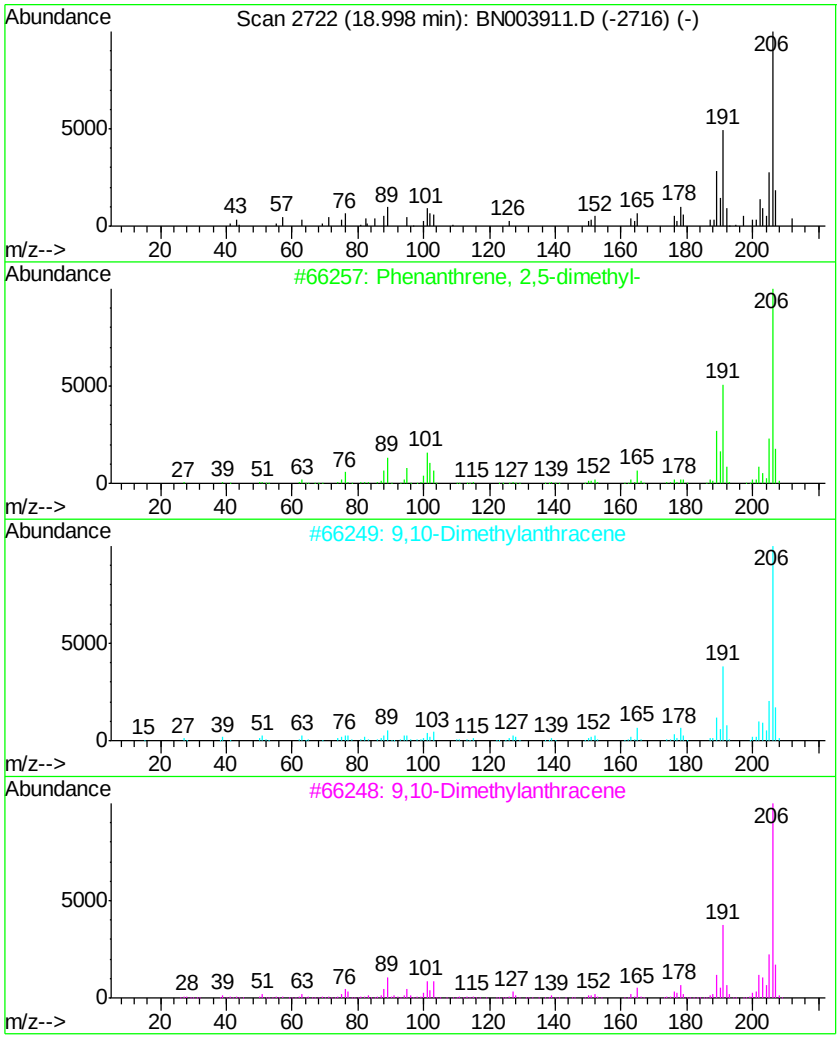
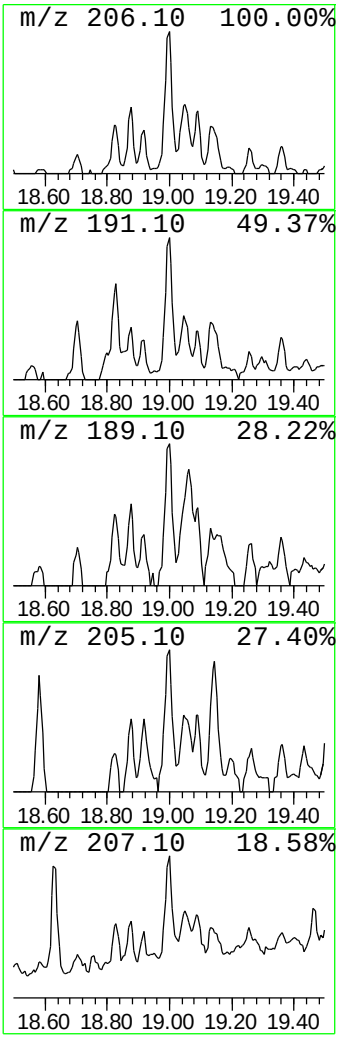
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	3.34 ng/ul	91968	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

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

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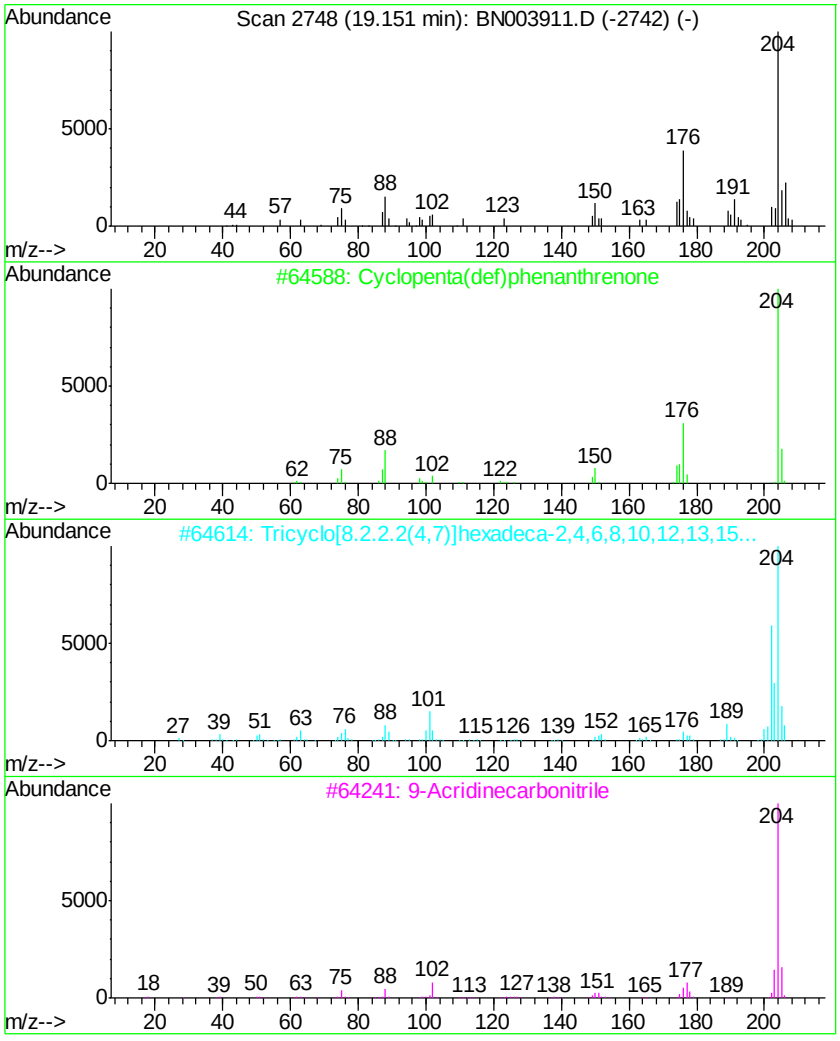
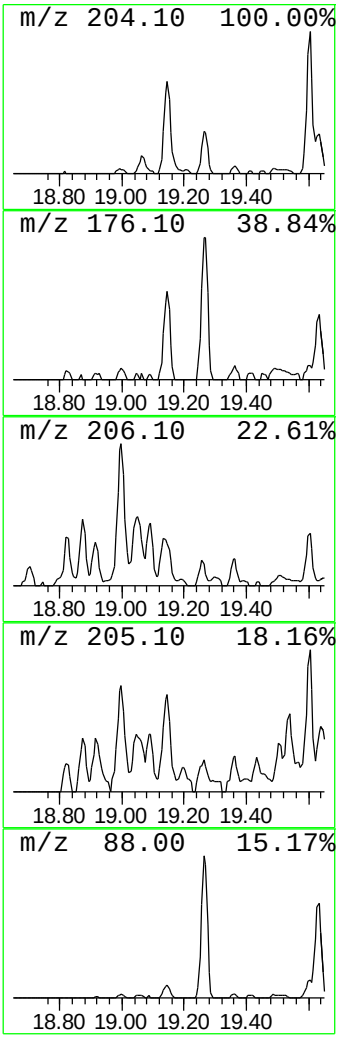
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.12 ng/ul	85808	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Misc :
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Instrument : BNA_N
ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

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

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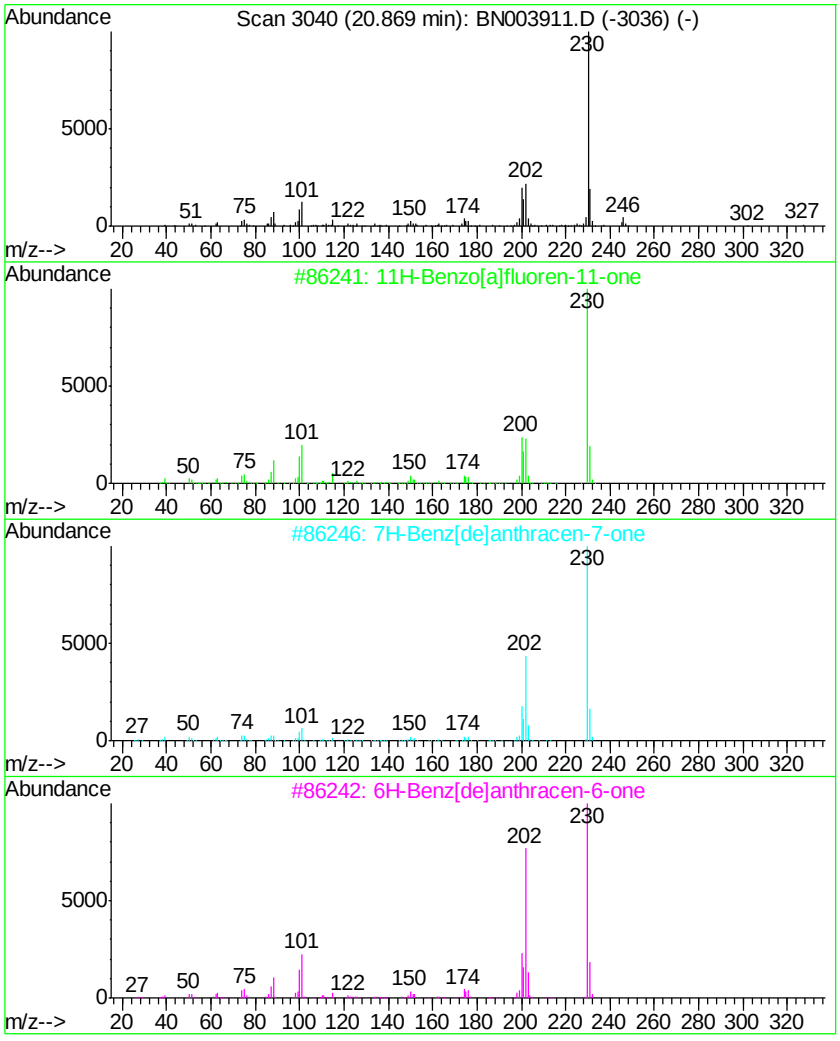
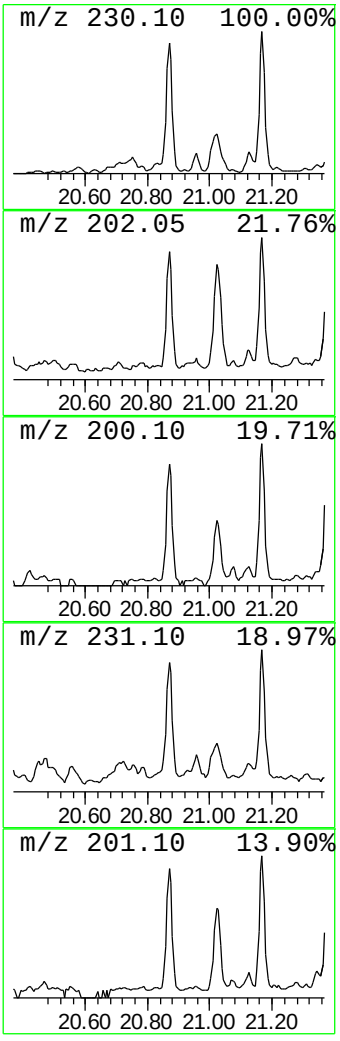
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.05 ng/ul	164240	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

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Quant Title : SVOA CALIBRATION

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

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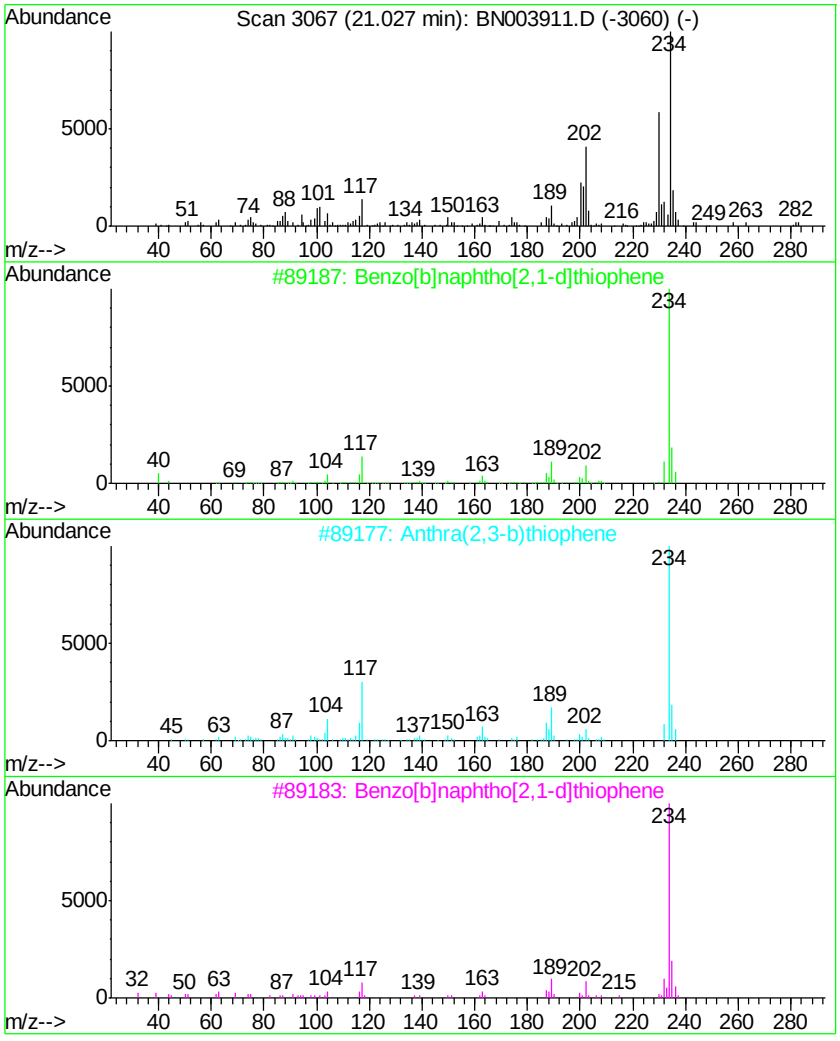
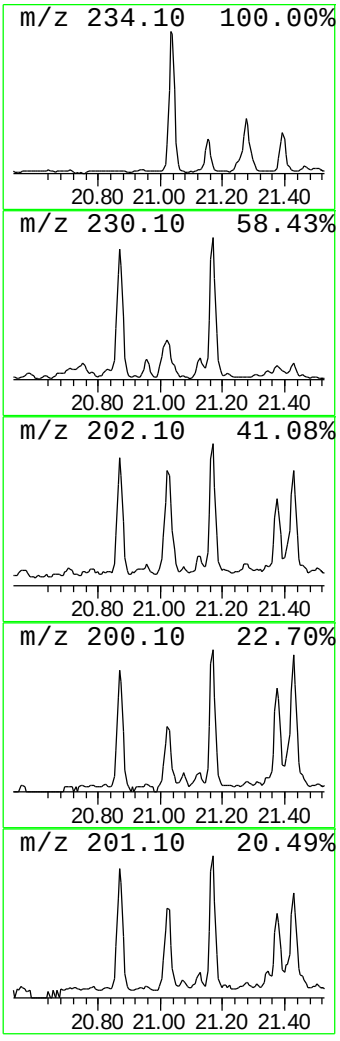
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.82 ng/ul	226298	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Quant Title : SVOA CALIBRATION

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

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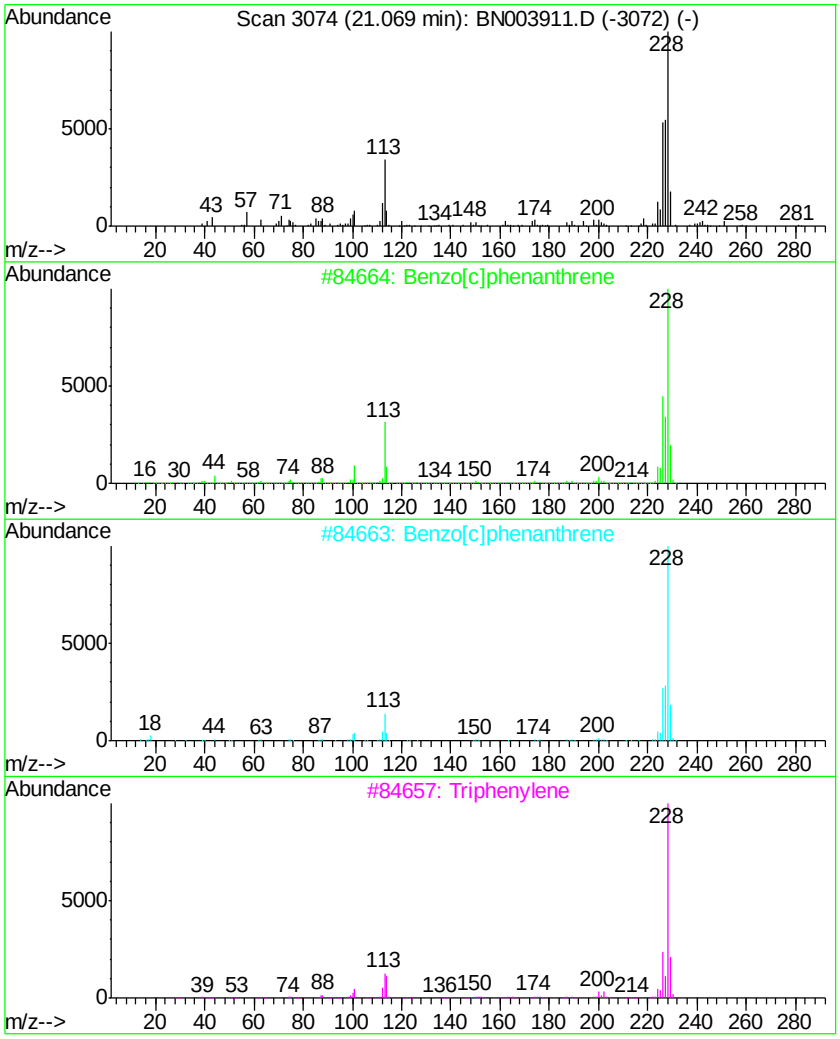
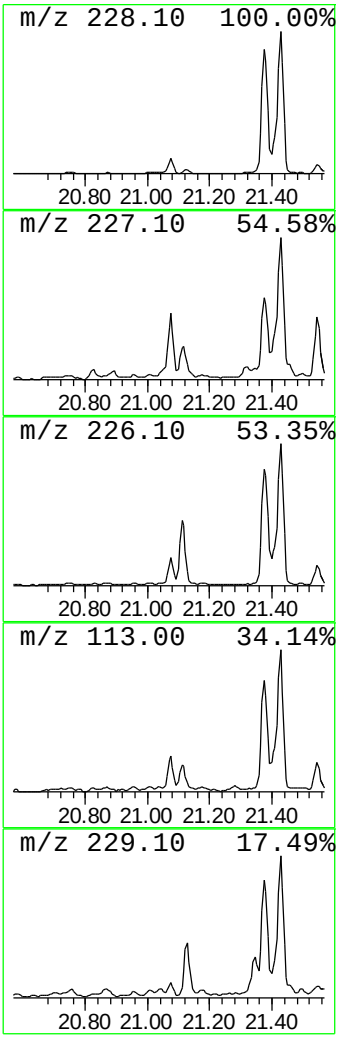
Peak Number 14 Benzo[c]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.09 ng/ul	167513	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Triphenylene	228	C18H12	000217-59-4	53
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	49





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Quant Title : SVOA CALIBRATION

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

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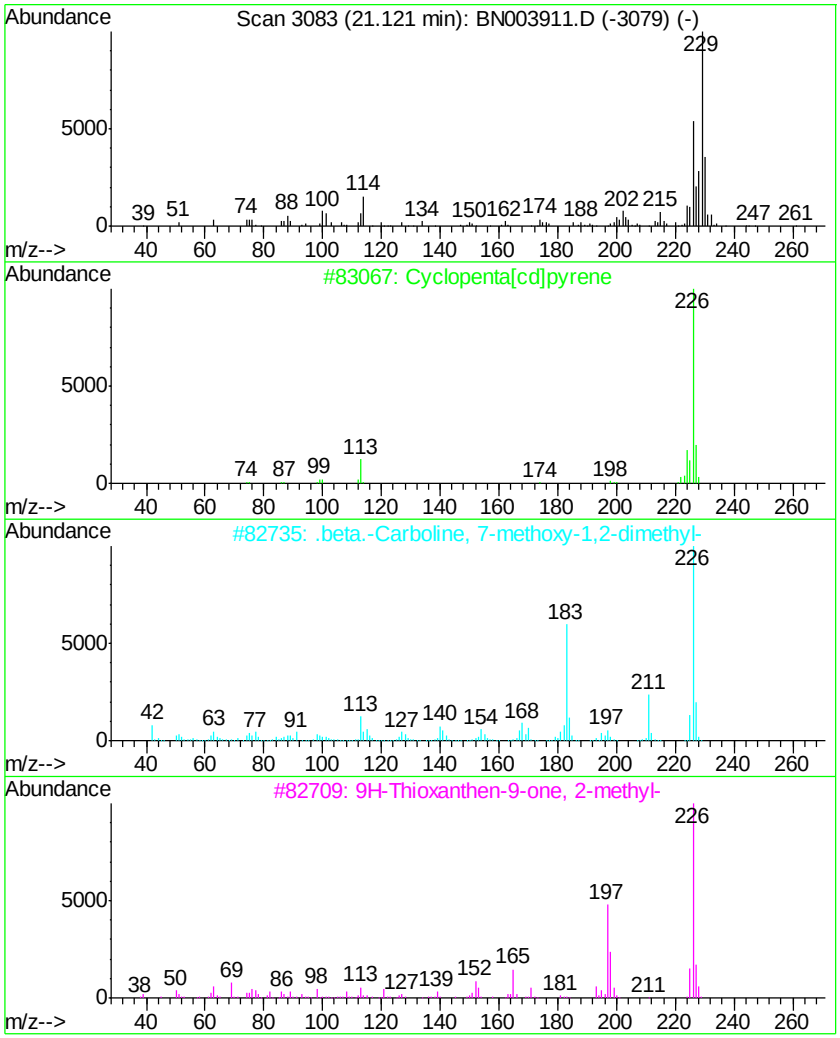
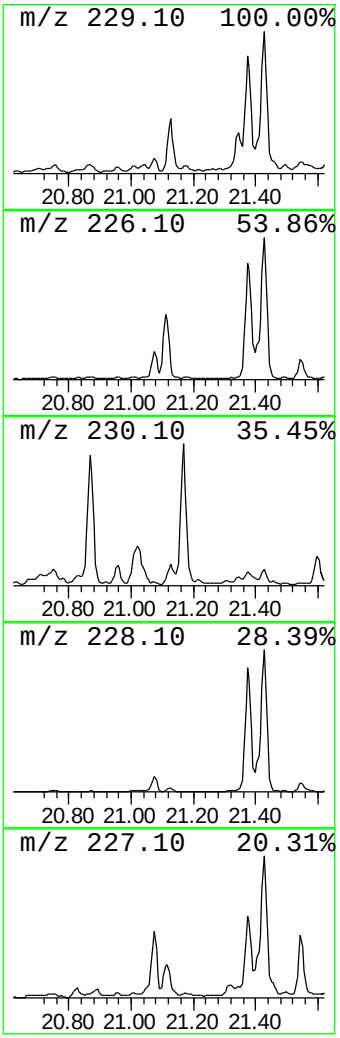
Peak Number 15 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.45 ng/ul	196612	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
5	Quinoxaline, 6,7-dichloro-2,3-di...	226	C10H8Cl2N2	052736-71-7	28





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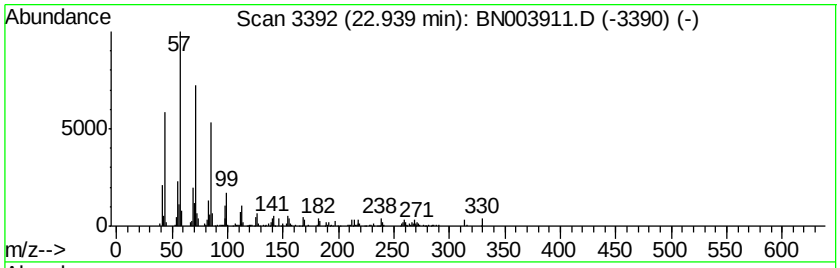
Quant Title : SVOA CALIBRATION

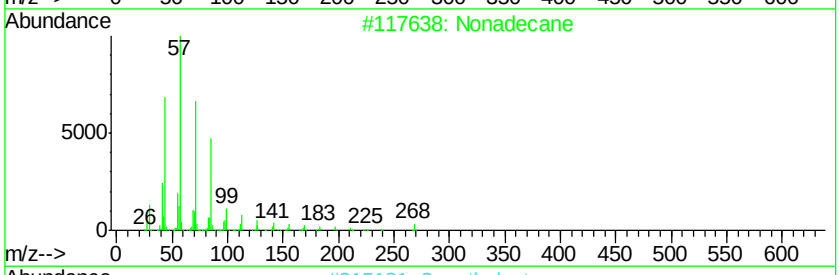
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

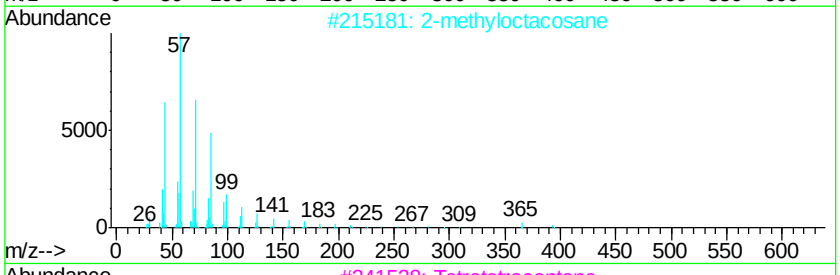
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

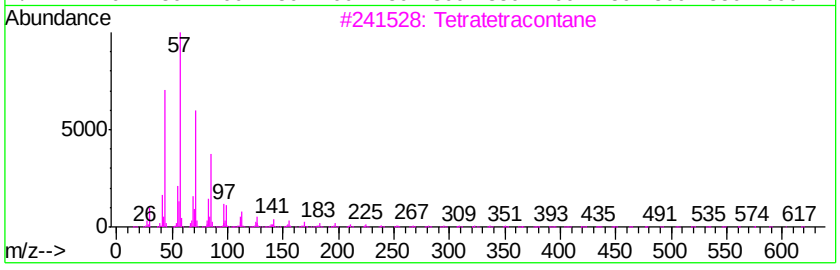
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.46 ng/ul	112383	Perylene-d12	23.71

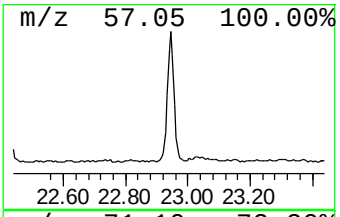
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Triacontane	422	C30H62	000638-68-6	87

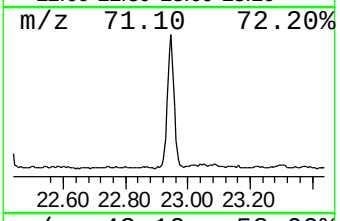


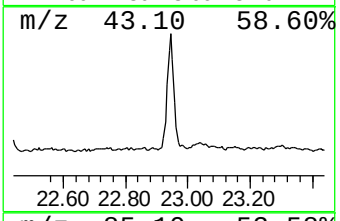


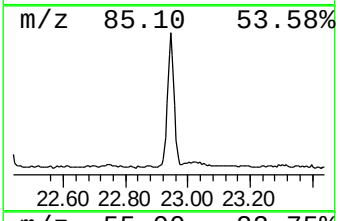


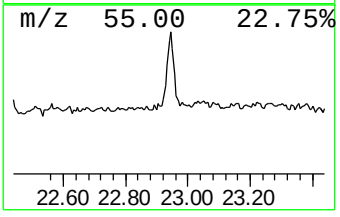












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Quant Title : SVOA CALIBRATION

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

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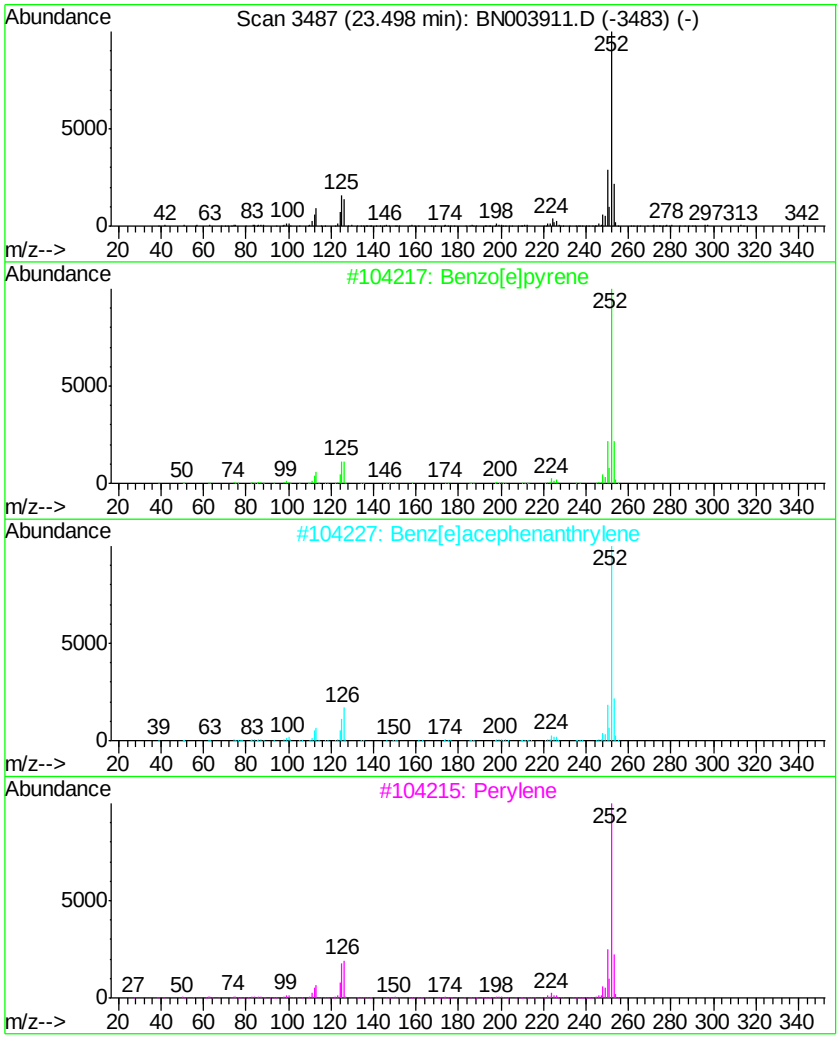
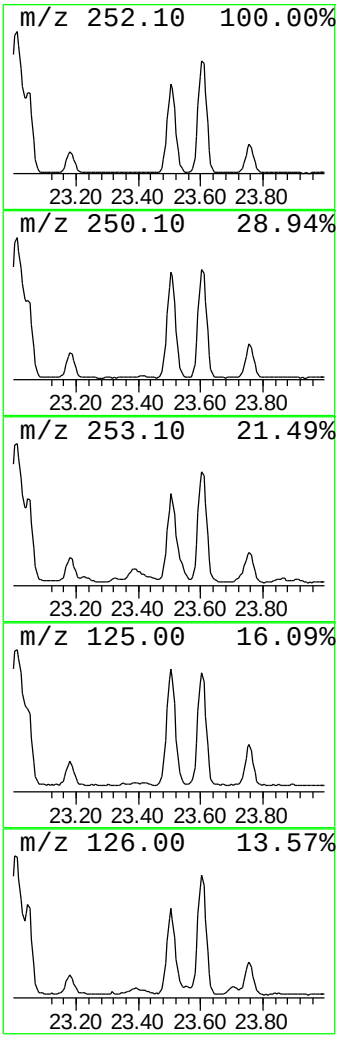
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	10.04 ng/ul	458254	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	95





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Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

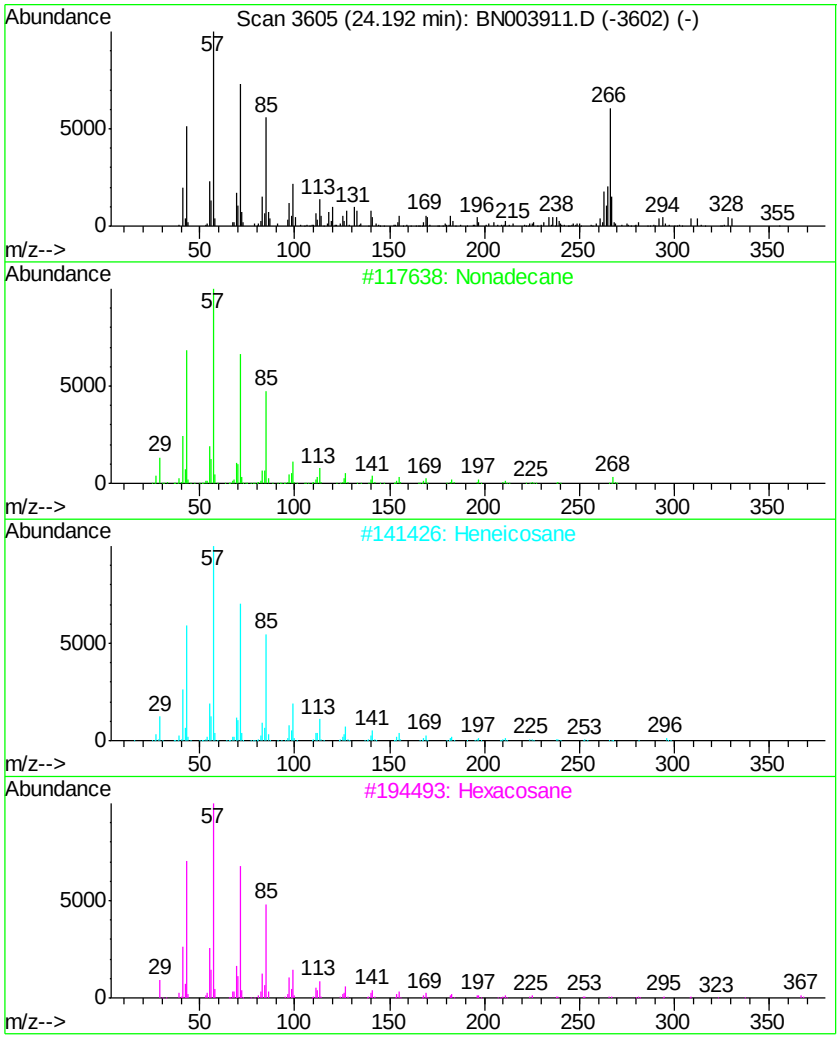
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

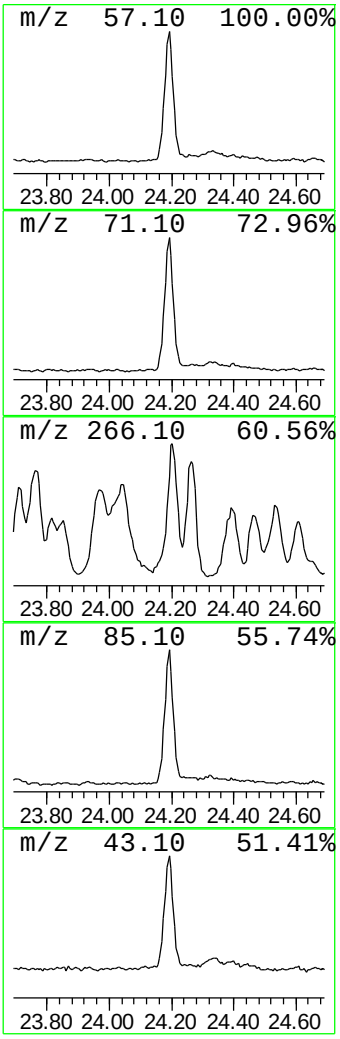
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	3.81 ng/ul	173803	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	84
2	Heneicosane	296	C21H44	000629-94-7	50
3	Hexacosane	366	C26H54	000630-01-3	46
4	Octacosane	394	C28H58	000630-02-4	45
5	Triacontane	422	C30H62	000638-68-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Butane, 2-methoxy...	3.02	79.2	ng/ul	594810	1	7.83	150226	20.0
unknown-01	3.80	3.4	ng/ul	25298	1	7.83	150226	20.0
Juglone	14.72	9.5	ng/ul	195611	3	14.46	412554	20.0
Phenanthrene, 2-m...	18.08	5.2	ng/ul	143257	4	17.21	550625	20.0
unknown-02	18.27	5.1	ng/ul	141276	4	17.21	550625	20.0
Phenanthrene, 4-m...	18.31	2.4	ng/ul	67246	4	17.21	550625	20.0
Naphthalene, 2-ph...	18.58	2.7	ng/ul	73478	4	17.21	550625	20.0
9,10-Anthracenedione	18.63	4.8	ng/ul	132762	4	17.21	550625	20.0
Phenanthrene, 2,5...	19.00	3.3	ng/ul	91968	4	17.21	550625	20.0
Cyclopenta(def)ph...	19.15	3.1	ng/ul	85808	4	17.21	550625	20.0
11H-Benzo[a]fluor...	20.87	2.0	ng/ul	164240	5	21.39	1605550	20.0
Benzo[b]naphtho[2...	21.03	2.8	ng/ul	226298	5	21.39	1605550	20.0
Benzo[c]phenanthrene	21.07	2.1	ng/ul	167513	5	21.39	1605550	20.0
unknown-03	21.12	2.5	ng/ul	196612	5	21.39	1605550	20.0
(DEL) Alkane: Str...	22.94	2.5	ng/ul	112383	6	23.71	913105	20.0
Benzo[e]pyrene	23.50	10.0	ng/ul	458254	6	23.71	913105	20.0
(DEL) Alkane: Str...	24.19	3.8	ng/ul	173803	6	23.71	913105	20.0