LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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	646	656	671	rBV	638868	1180635	2.92%	0.709%
2	7.005	677	683	690	rBV	527411	800510	1.98%	0.481%
3	7.199	710	716	727	rBV	664479	1108071	2.75%	0.666%
4	7.664	786	795	802	rBV	849392	1348288	3.34%	0.810%
5	8.369	909	915	924	rBV	735067	1221148	3.03%	0.734%
6	8.810	984	990	998	rBV	664258	1096816	2.72%	0.659%
7	9.528	1105	1112	1123	rBV	559787	971792	2.41%	0.584%
8	10.063	1194	1203	1213	rBV	829716	1459290	3.62%	0.877%
9	10.434	1257	1266	1270	rBV	1222163	2128191	5.27%	1.279%
10	10.481	1270	1274	1282	rVB	494998	816599	2.02%	0.491%
11	10.575	1282	1290	1302	rBV	465686	913838	2.26%	0.549%
12	12.099	1543	1549	1557	rVB	265248	422295	1.05%	0.254%
13	13.710	1818	1823	1827	rBV	1457464	2064149	5.11%	1.240%
14	13.757	1827	1831	1839	rVB	1674224	2291118	5.68%	1.377%
15	13.987	1863	1870	1885	rBV	1782257	3037019	7.52%	1.825%
16	14.293	1912	1922	1928	rBV2	1721225	2878720	7.13%	1.730%
17	14.357	1928	1933	1942	rVB	552765	872810	2.16%	0.524%
18	14.522	1953	1961	1971	rBV2	424156	879501	2.18%	0.528%
19	14.698	1980	1991	1999	rBV	467164	778675	1.93%	0.468%
20	15.293	2084	2092	2097	rBV	2300635	3270307	8.10%	1.965%
21	15.345	2097	2101	2106	rVB	488456	653249	1.62%	0.393%
22	15.428	2110	2115	2120	rBV	699905	1001516	2.48%	0.602%
23	16.698	2327	2331	2339	rVB	352192	528278	1.31%	0.317%
24	16.863	2354	2359	2368	rVB	336309	561485	1.39%	0.337%
25	17.045	2383	2390	2393	rBV	2109520	3143231	7.79%	1.889%
26	17.087	2393	2397	2402	rVV	4976358	7000624	17.34%	4.207%
27	17.145	2402	2407	2410	rVV2	2375208	3595811	8.91%	2.161%
28	17.175	2410	2412	2418	rVB	782591	952748	2.36%	0.573%
29	17.451	2449	2459	2463	rBV2	531364	942850	2.34%	0.567%
30	17.916	2535	2538	2541	rVB	374106	429983	1.07%	0.258%
31	17.957	2541	2545	2552	rVB2	1144874	1938102	4.80%	1.165%
32	18.110	2566	2571	2575	rBV2	717506	1262927	3.13%	0.759%
33	18.151	2575	2578	2585	rVB	352168	488577	1.21%	0.294%
34	18.422	2620	2624	2628	rBV	427738	578036	1.43%	0.347%

LSC Area Percent Report

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Integrator: RTE
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Title : SVOA CALIBRATION

35	18.469	2628	2632	2642	rVB	570589	780130	1.93%	0.469%
36	18.845	2691	2696	2700	rBV2	344525	692458	1.72%	0.416%
37	18.986	2716	2720	2727	rVB2	325994	530326	1.31%	0.319%
38	19.110	2735	2741	2748	rVB	6834436	9352633	23.17%	5.620%
39	19.445	2792	2798	2800	rBV3	3516967	5073519	12.57%	3.049%
40	19.475	2800	2803	2811	rVV	5634912	7925520	19.63%	4.762%
41	19.545	2811	2815	2822	rVB2	316484	494436	1.22%	0.297%
42	19.657	2829	2834	2838	rBV	292576	457902	1.13%	0.275%
43	19.716	2840	2844	2849	rVB	339874	525486	1.30%	0.316%
44	19.804	2853	2859	2865	rBV2	661330	1272425	3.15%	0.765%
45	19.939	2877	2882	2884	rBV3	325449	606273	1.50%	0.364%
46	19.969	2884	2887	2891	rVB2	551392	776771	1.92%	0.467%
47	20.075	2901	2905	2908	rBV	403836	491438	1.22%	0.295%
48	20.128	2909	2914	2918	rVV2	478639	804980	1.99%	0.484%
49	20.386	2954	2958	2964	rVB2	511454	672989	1.67%	0.404%
50	20.722	3011	3015	3022	rVB	783487	1126022	2.79%	0.677%
51	20.886	3039	3043	3047	rBV3	506117	717234	1.78%	0.431%
52	20.928	3047	3050	3053	rVV	526906	592617	1.47%	0.356%
53	20.969	3053	3057	3062	rVV3	622370	1295814	3.21%	0.779%
54	21.022	3064	3066	3077	rVB	753385	1084442	2.69%	0.652%
55	21.180	3086	3093	3096	rBV	30175590	40365215	100.00%	24.255%
56	21.239	3097	3103	3107	rVV2	3586164	7425125	18.39%	4.462%
57	21.280	3107	3110	3120	rVB	2829913	4079956	10.11%	2.452%
58	21.404	3127	3131	3137	rVB3	687191	915308	2.27%	0.550%
59	21.792	3193	3197	3201	rVB2	641188	915178	2.27%	0.550%
60	21.839	3201	3205	3212	rBV4	468118	813162	2.01%	0.489%
61	22.292	3279	3282	3293	rVB	447249	759140	1.88%	0.456%
62	22.416	3300	3303	3313	rVB2	401711	710369	1.76%	0.427%
63	22.804	3363	3369	3374	rBV2	2329371	5334161	13.21%	3.205%
64	22.969	3394	3397	3403	rVB	331577	491580	1.22%	0.295%
65	23.274	3444	3449	3453	rBV	1081633	1934584	4.79%	1.162%
66	23.327	3453	3458	3461	rVV	1253508	2565050	6.35%	1.541%
67	23.369	3461	3465	3472	rVB	1670766	3053198	7.56%	1.835%
68	23.463	3475	3481	3486	rVV	1134774	2214012	5.48%	1.330%
69	23.510	3486	3489	3497	rVB2	512030	950600	2.35%	0.571%
70	23.980	3565	3569	3580	rVB2	416080	849008	2.10%	0.510%
71	24.310	3620	3625	3639	rVB2	376529	912912	2.26%	0.549%

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ClientSampleId : A3Z22

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
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Title : SVOA CALIBRATION

72	25.674	3849	3857	3868	rVB	851472	2393526	5.93%	1.438%
73	26.351	3965	3972	3989	rVB	610138	1844610	4.57%	1.108%

Sum of corrected areas: 166417298

LSC Report - Integrated Chromatogram

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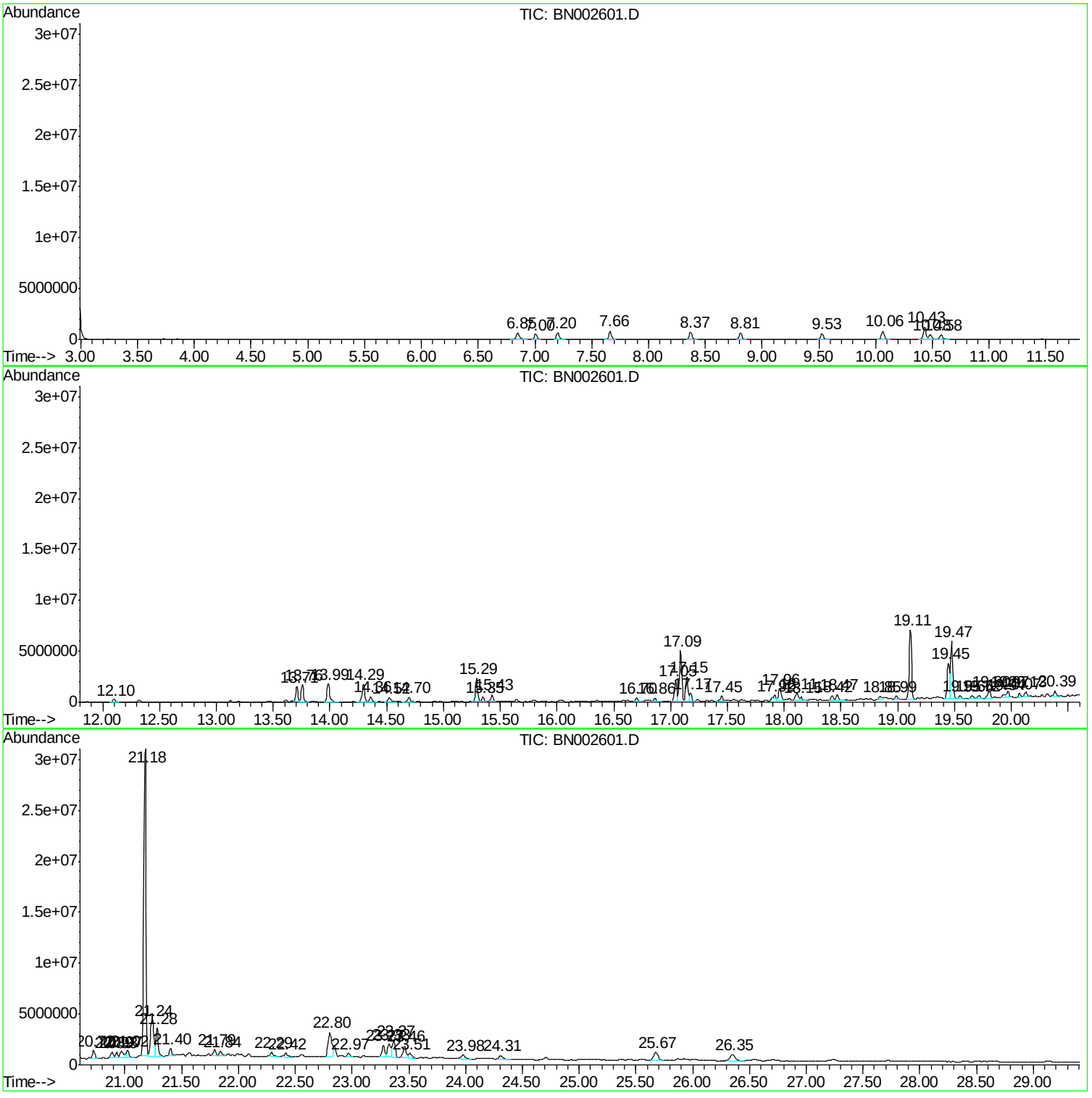
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

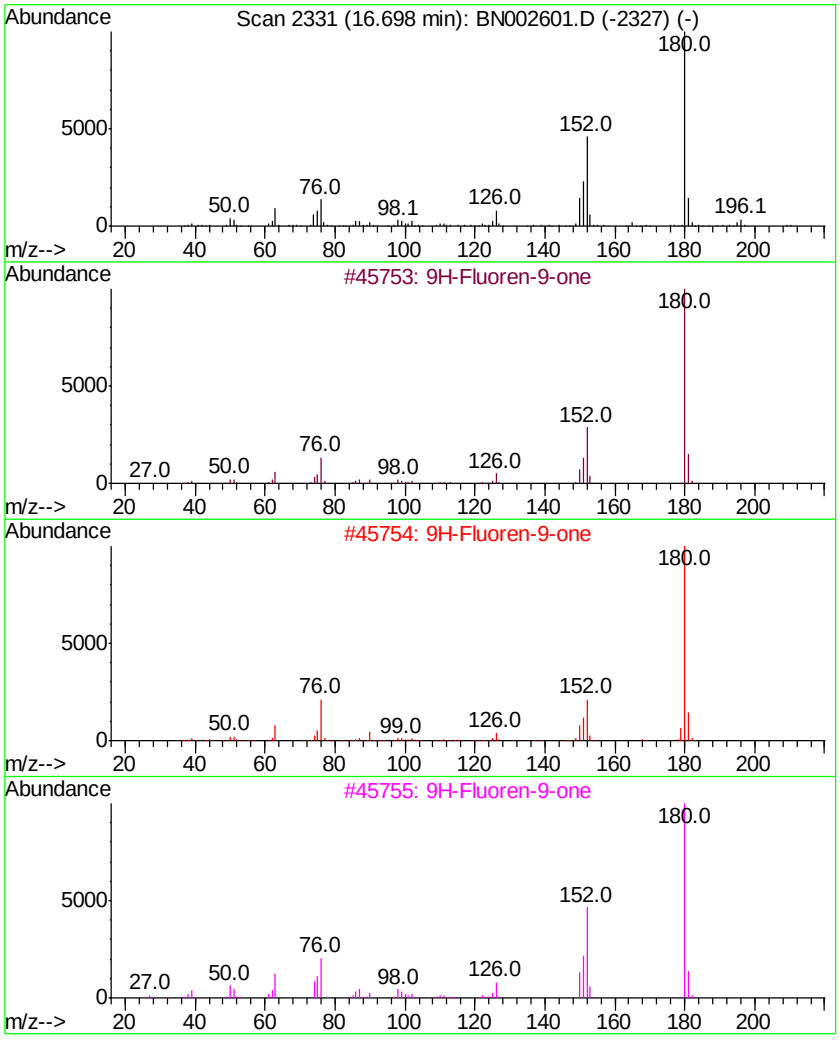
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

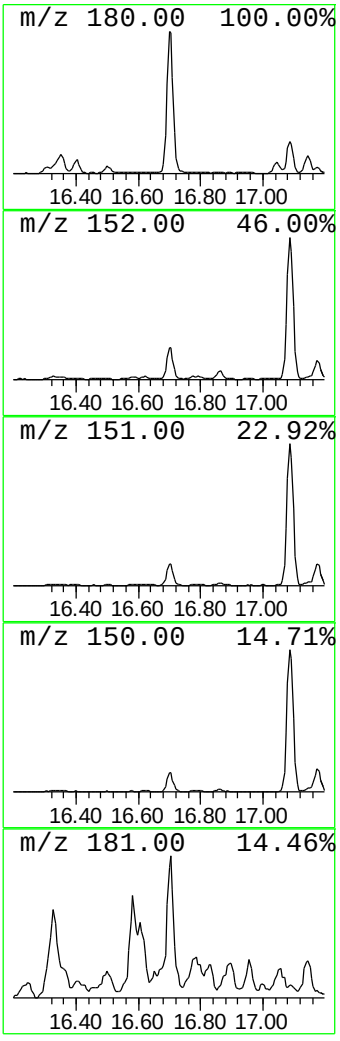
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	3.36 ng/ul	528278	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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

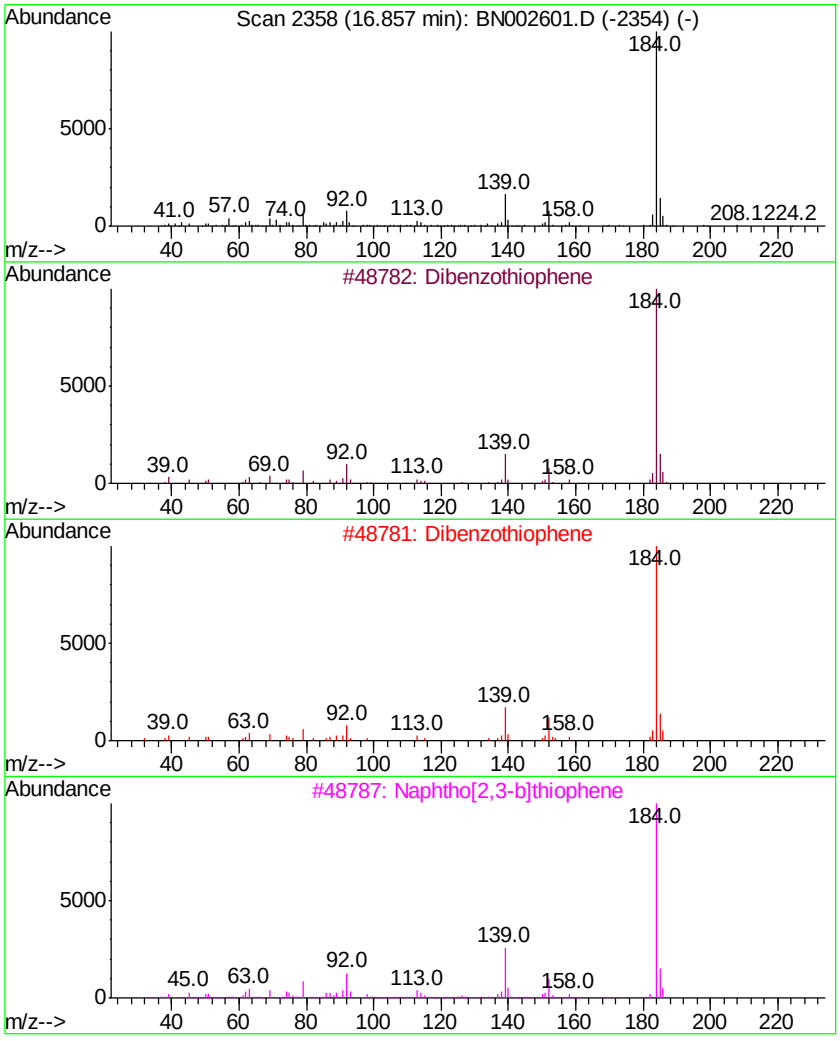
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

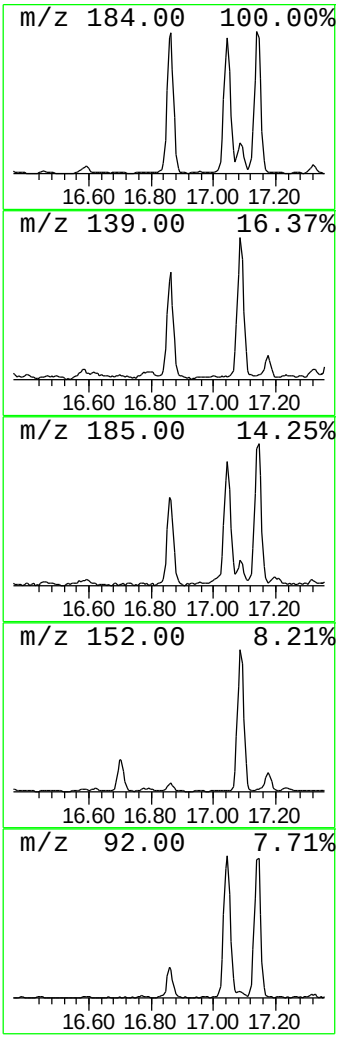
****

Peak Number 2 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.57 ng/ul	561485	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Library Search Compound Report

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Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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

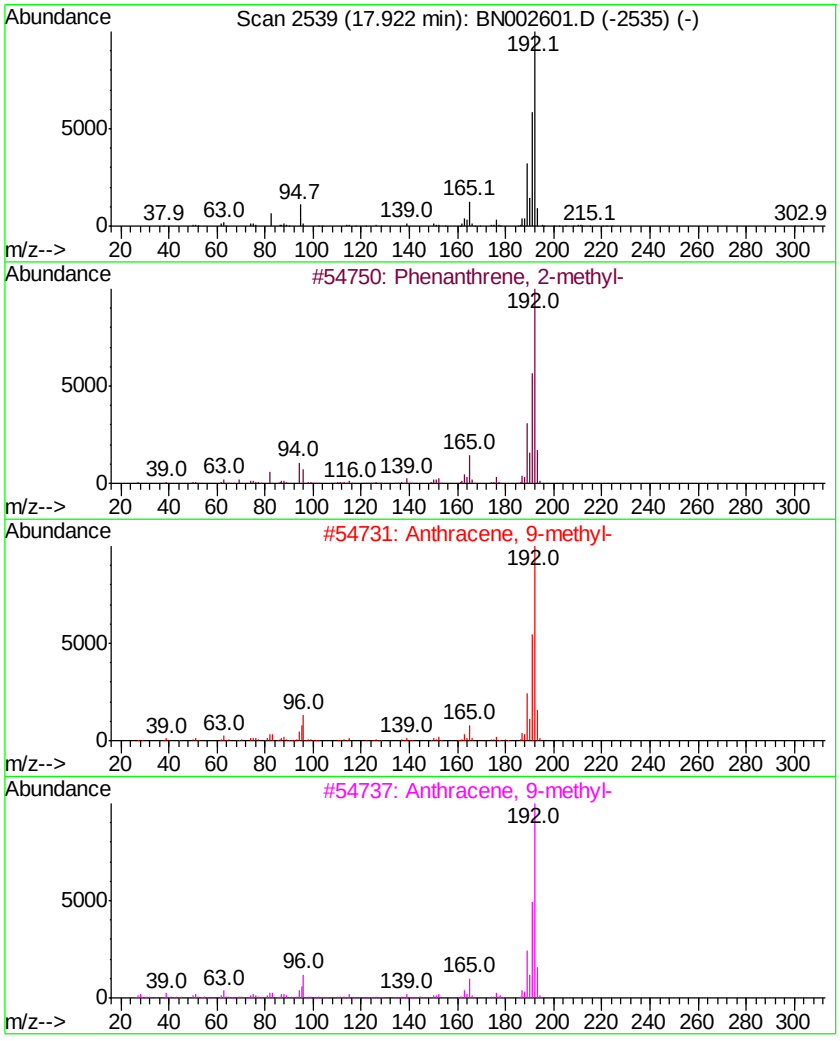
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

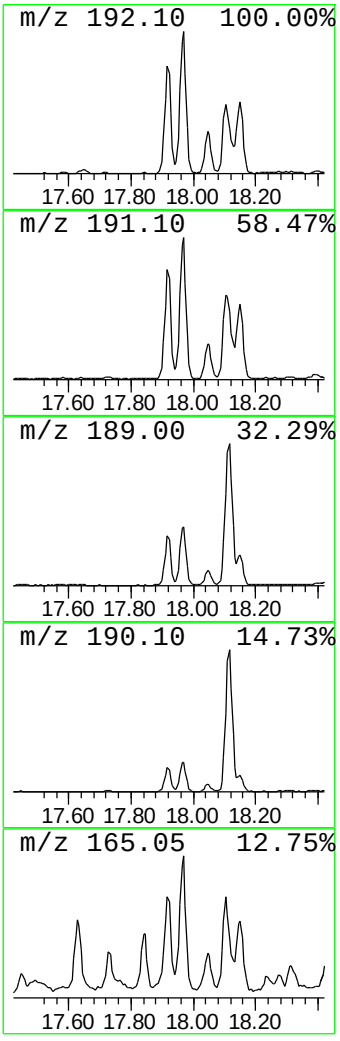
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.74 ng/ul	429983	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81





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

TIC Library : C:\Database\NIST11.L
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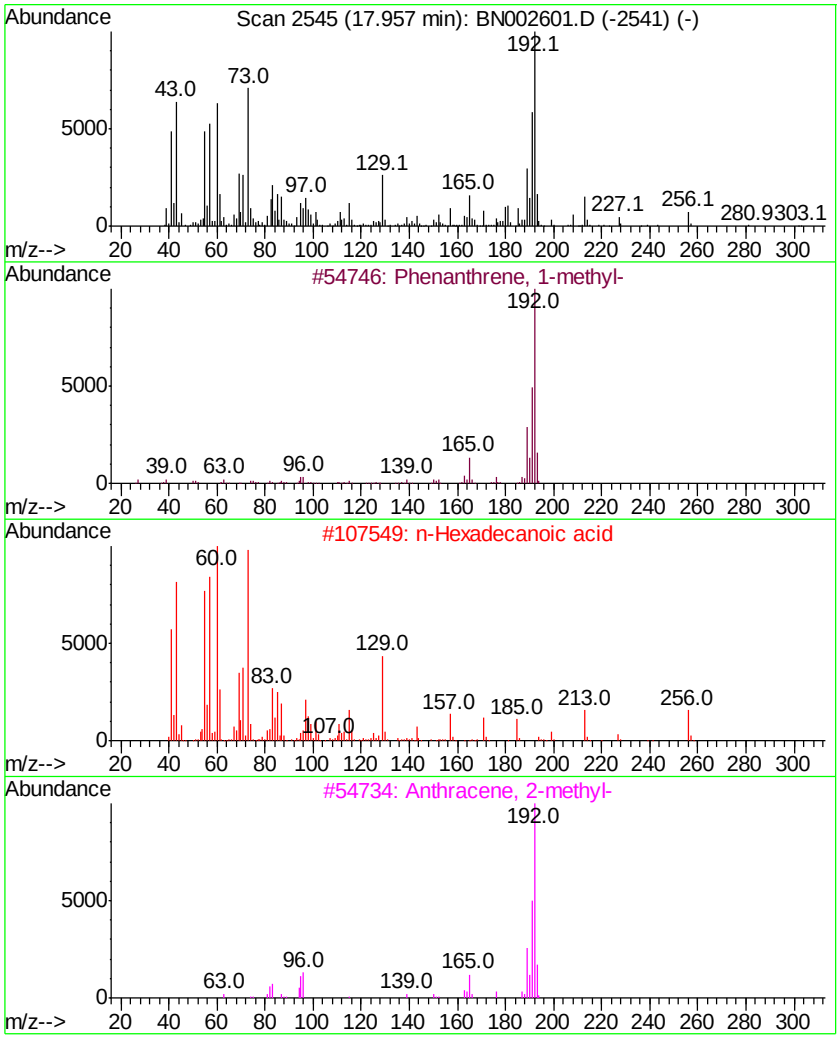
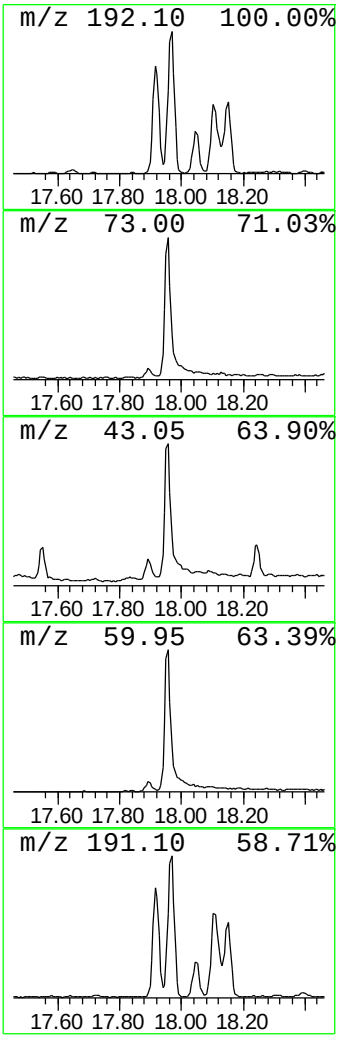
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	12.33 ng/ul	1938100	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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

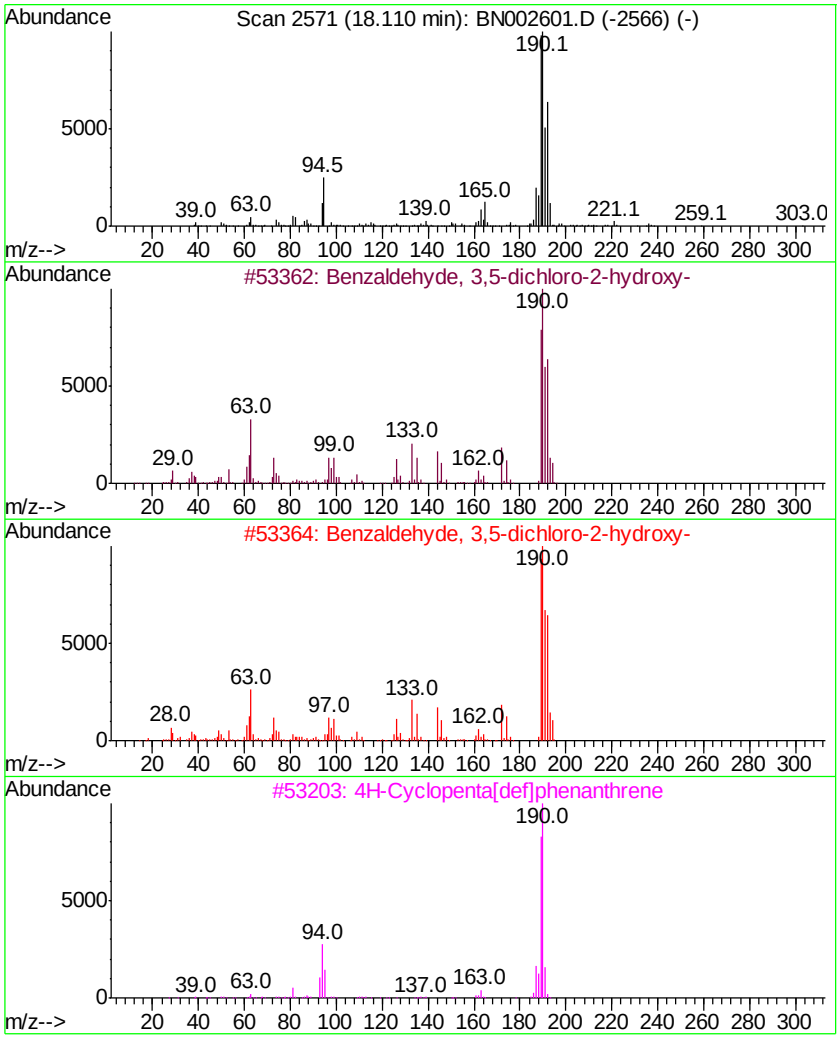
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

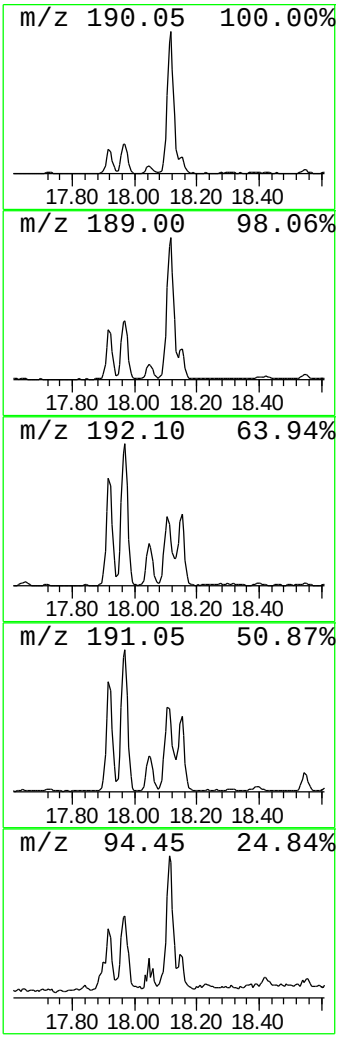
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.04 ng/ul	1262930	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41





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

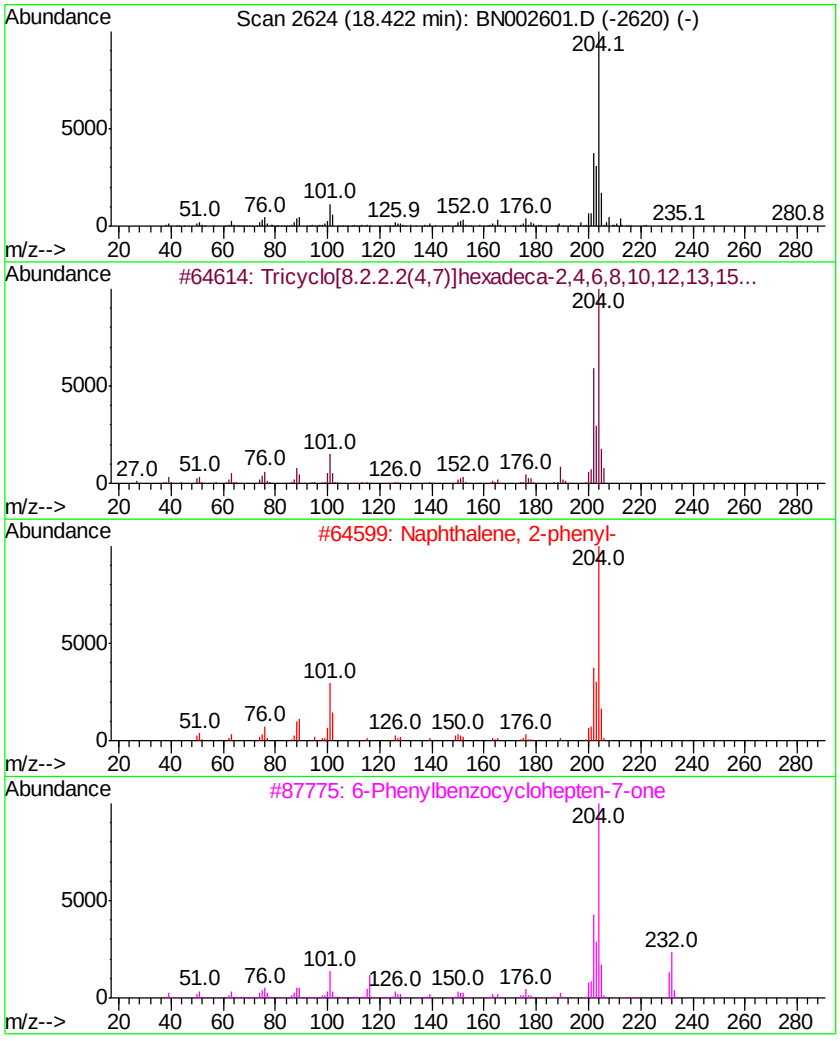
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

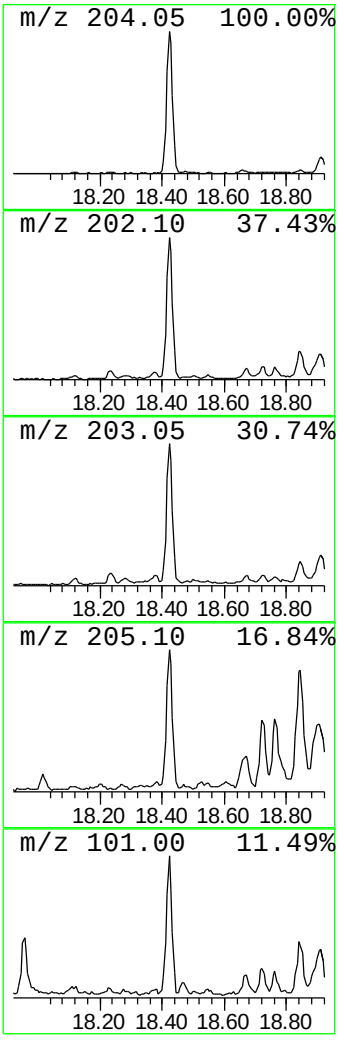
****

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.68 ng/ul	578036	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Quant Title : SVOA CALIBRATION

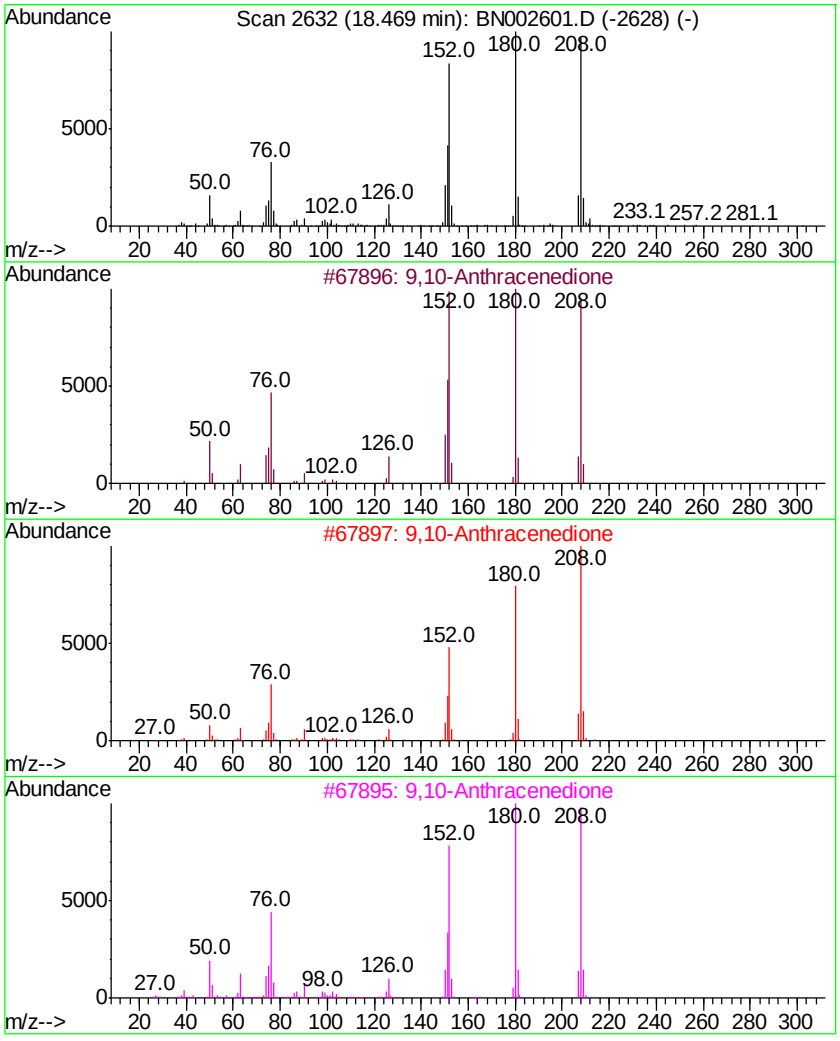
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

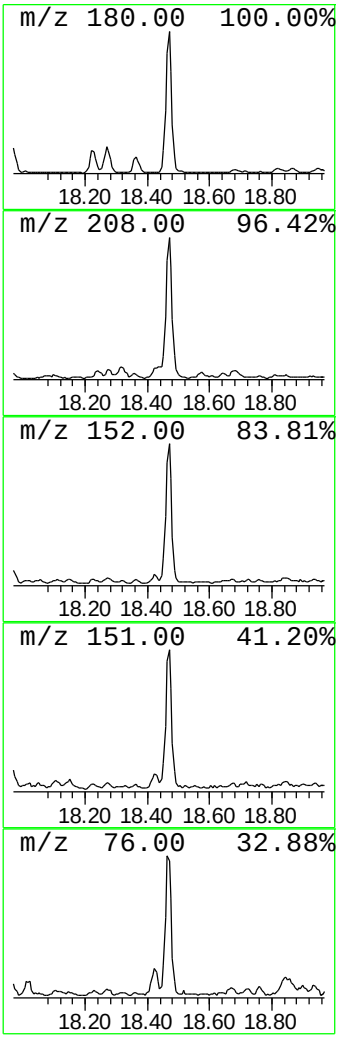
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.96 ng/ul	780130	Phenanthrene-d10	17.05

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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Quant Title : SVOA CALIBRATION

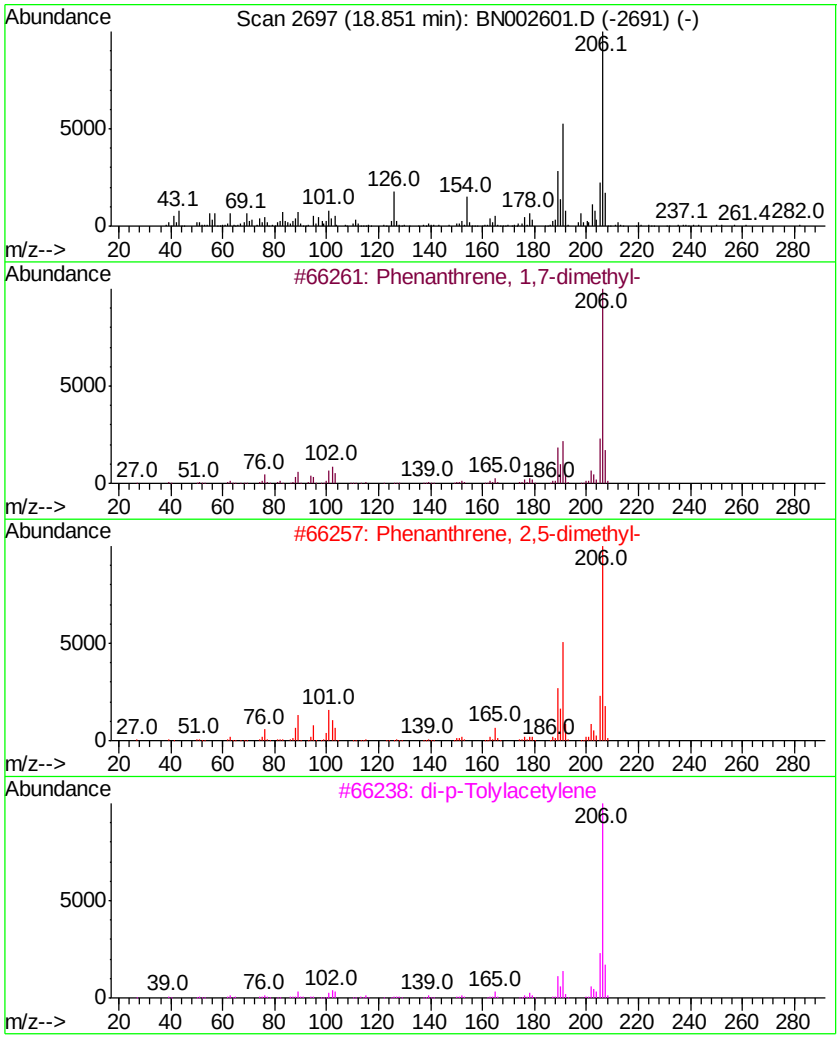
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

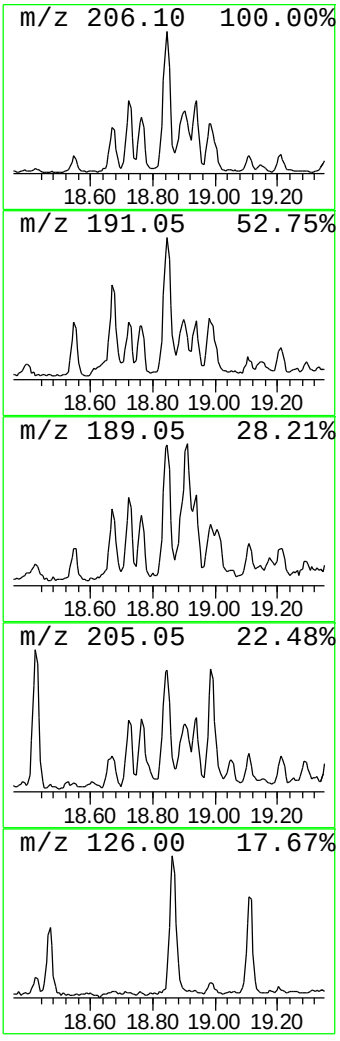
****

Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.41 ng/ul	692458	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Instrument : BNA_N
ClientSampleId : A3Z22

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Quant Title : SVOA CALIBRATION

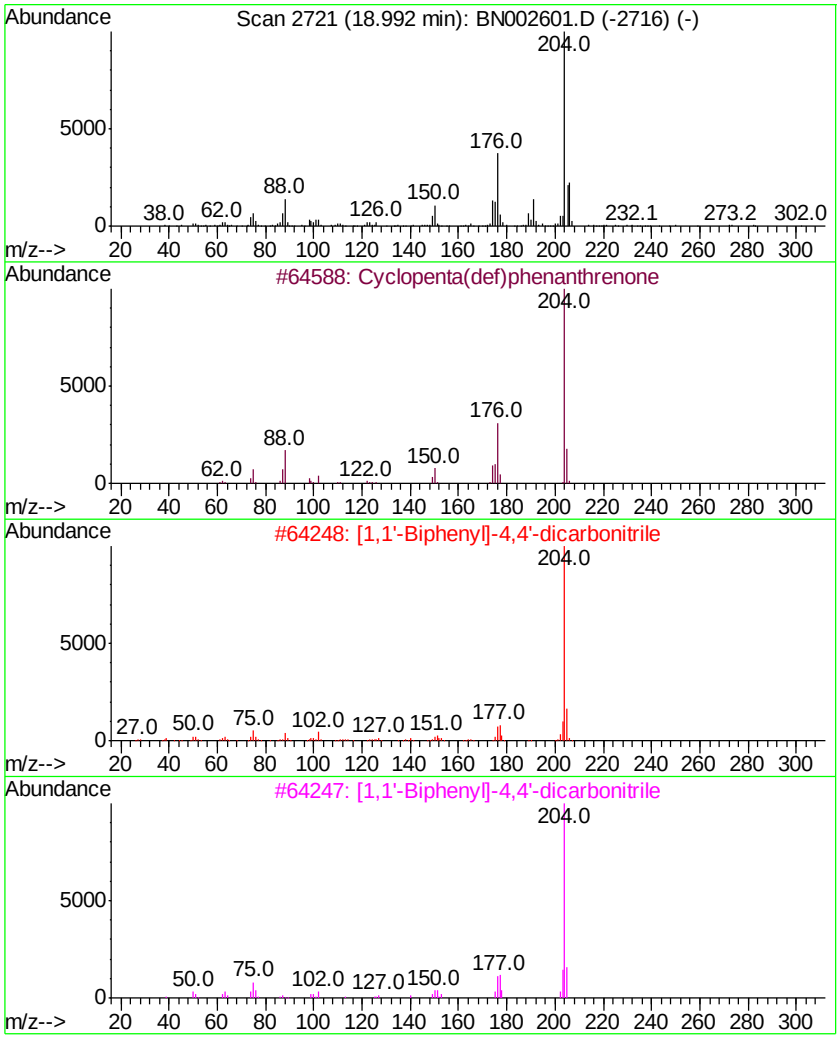
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

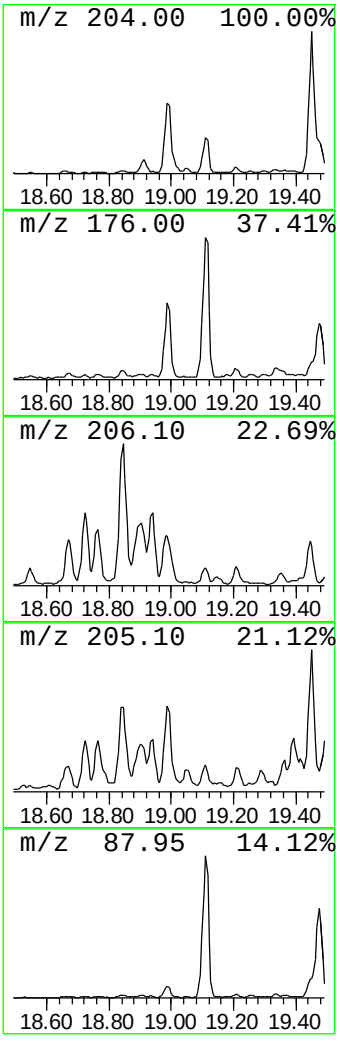
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.37 ng/ul	530326	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	38





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ClientSampleId : A3Z22

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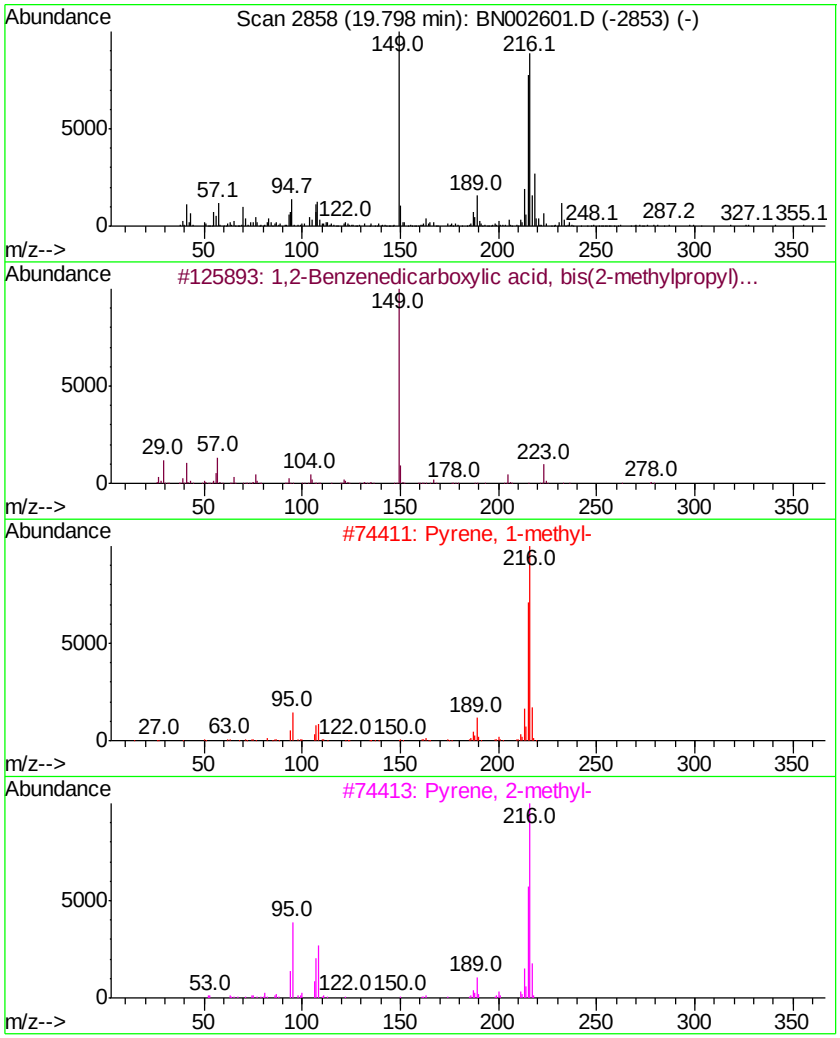
Quant Title : SVOA CALIBRATION

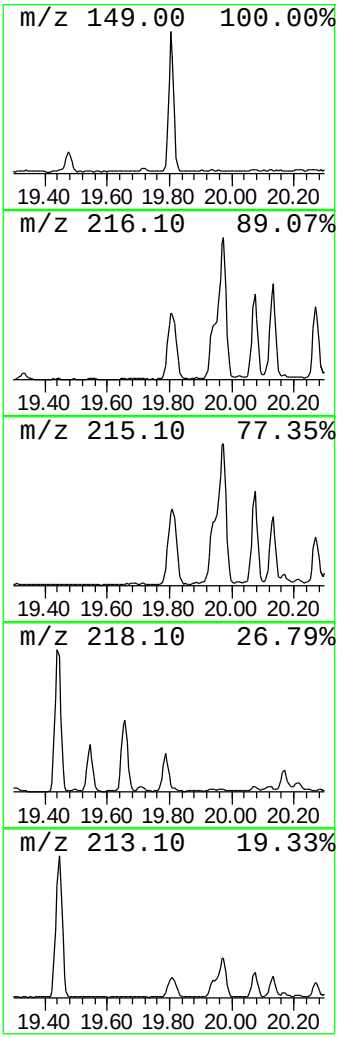
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.43 ng/ul	1272430	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	66
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





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ClientSampleId : A3Z22

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Quant Title : SVOA CALIBRATION

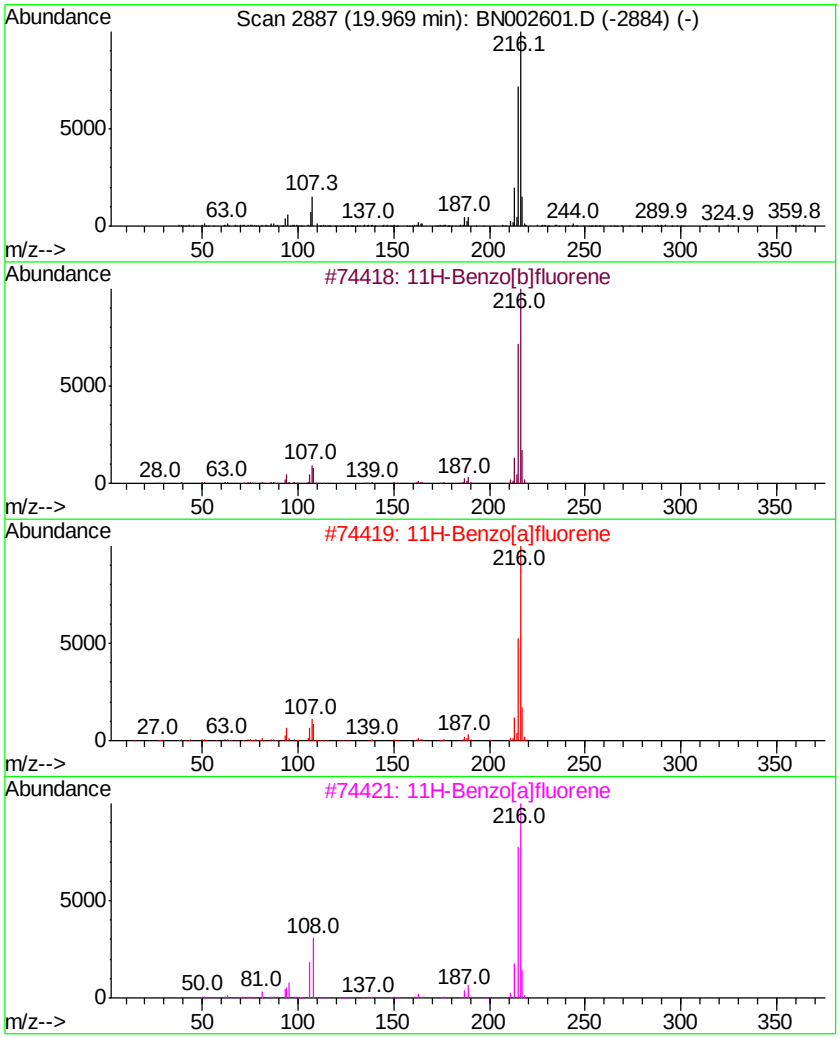
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

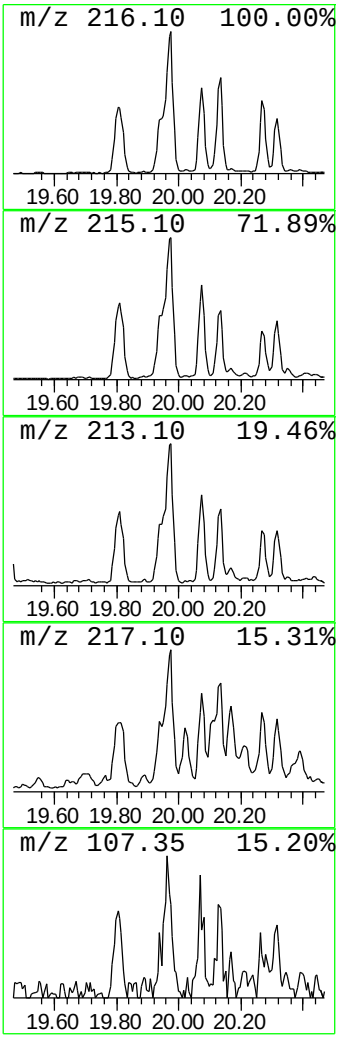
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.09 ng/ul	776771	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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ClientSampleId : A3Z22

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Quant Title : SVOA CALIBRATION

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

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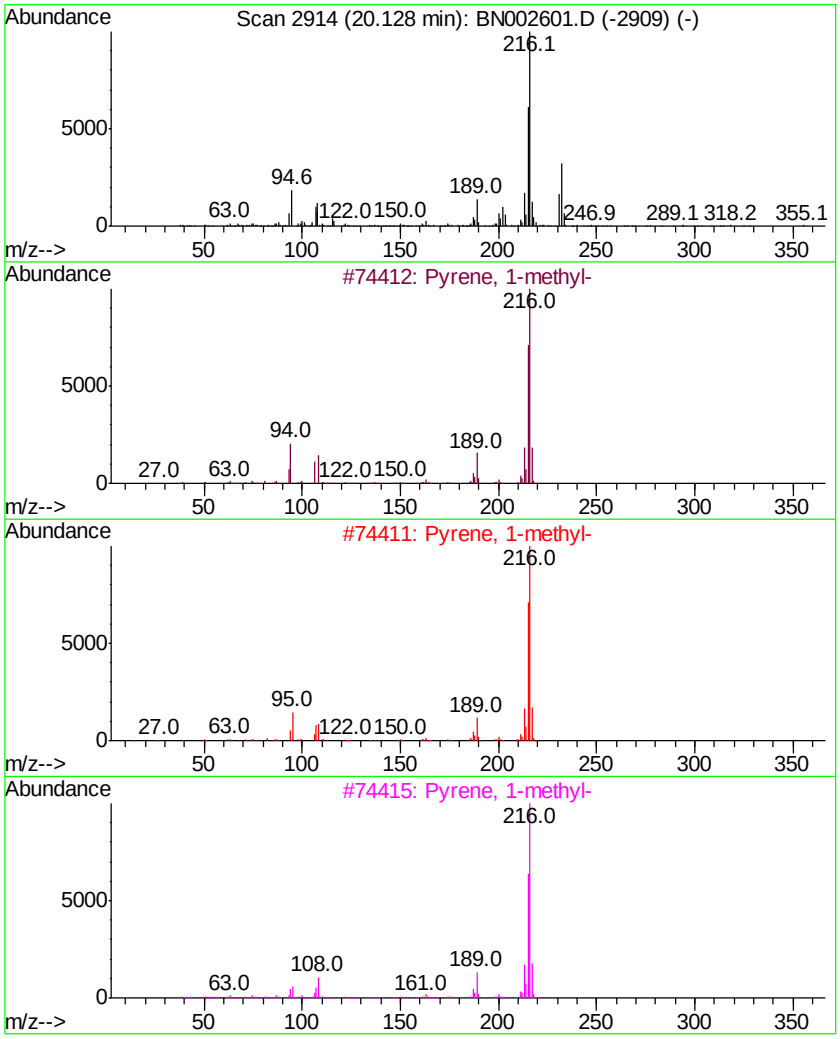
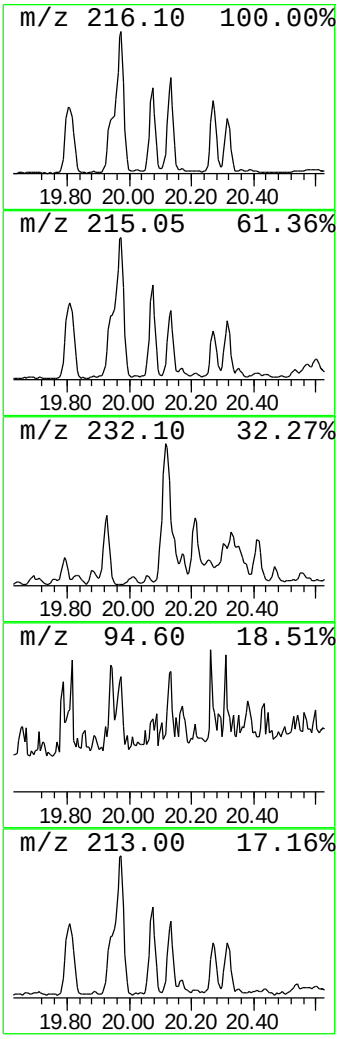
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.17 ng/ul	804980	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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Quant Title : SVOA CALIBRATION

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

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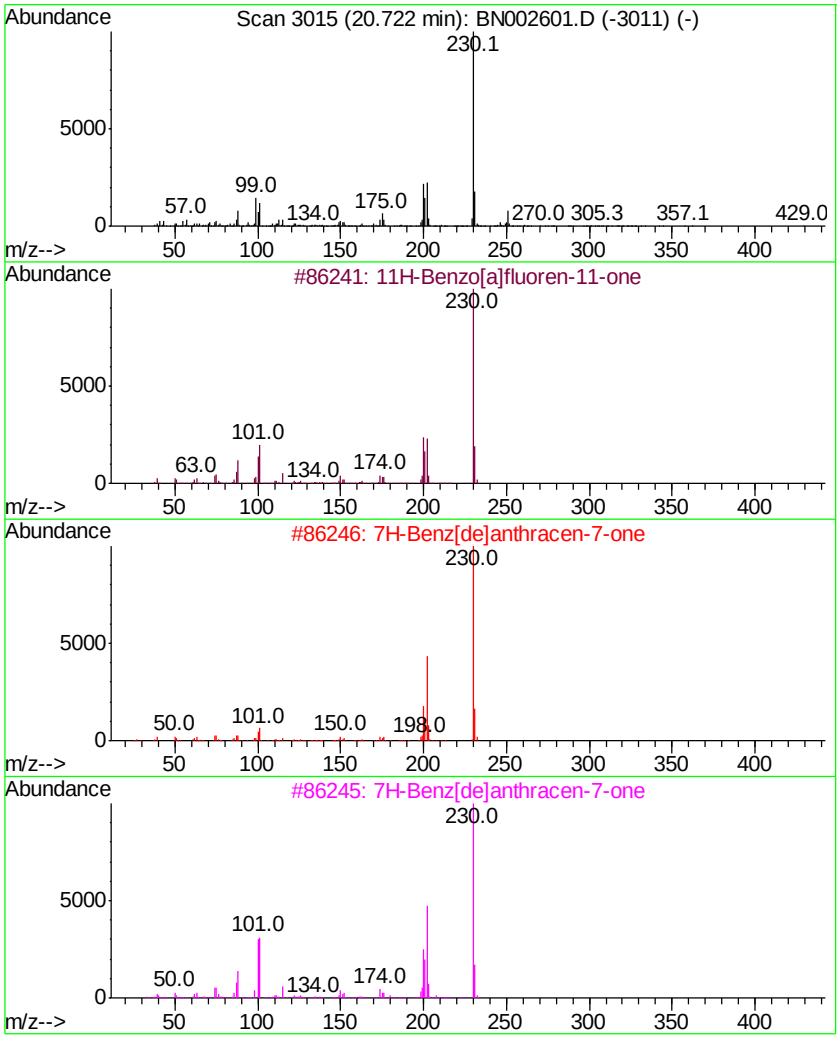
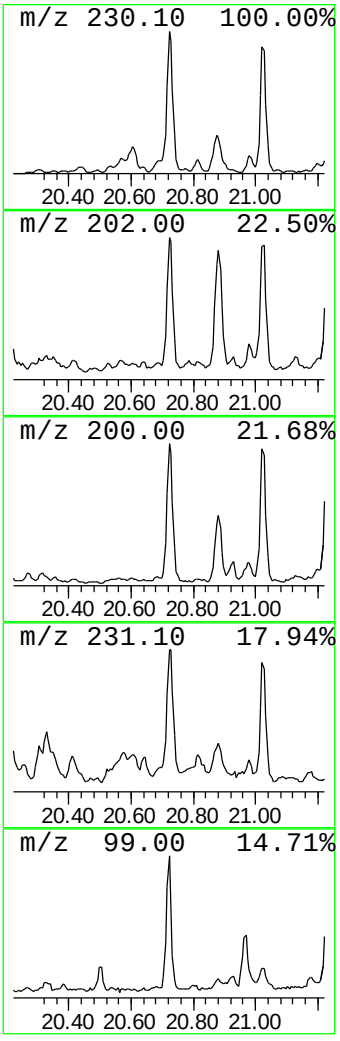
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.03 ng/ul	1126020	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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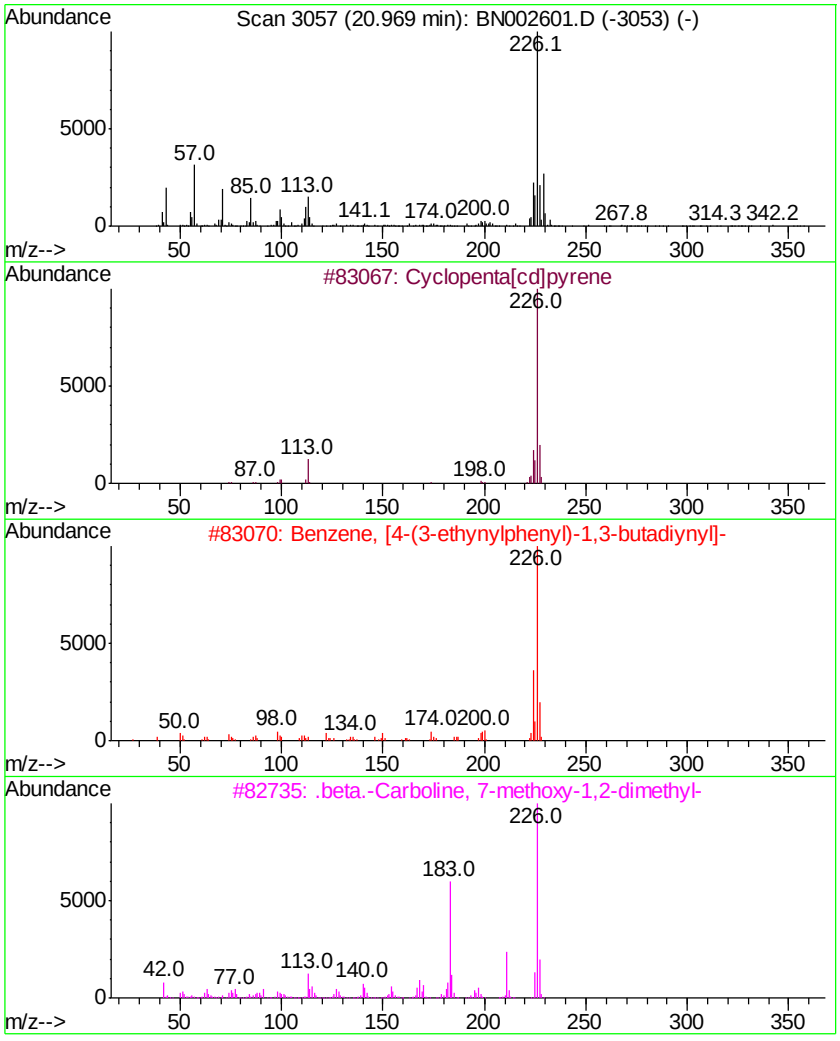
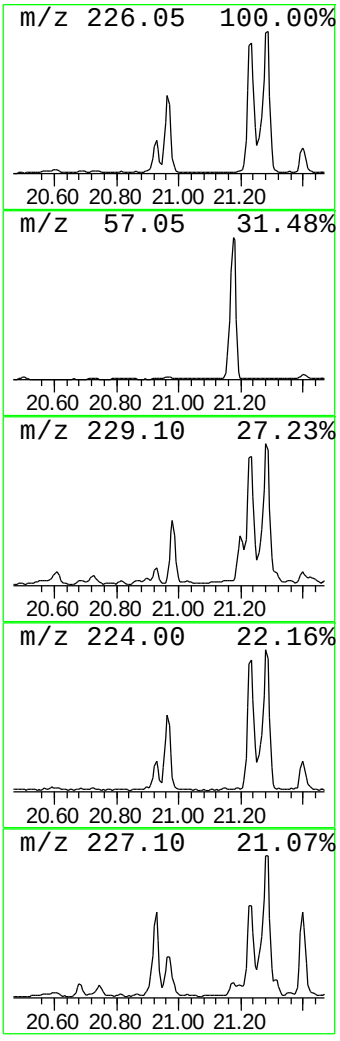
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.49 ng/ul	1295810	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	49





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Quant Title : SVOA CALIBRATION

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

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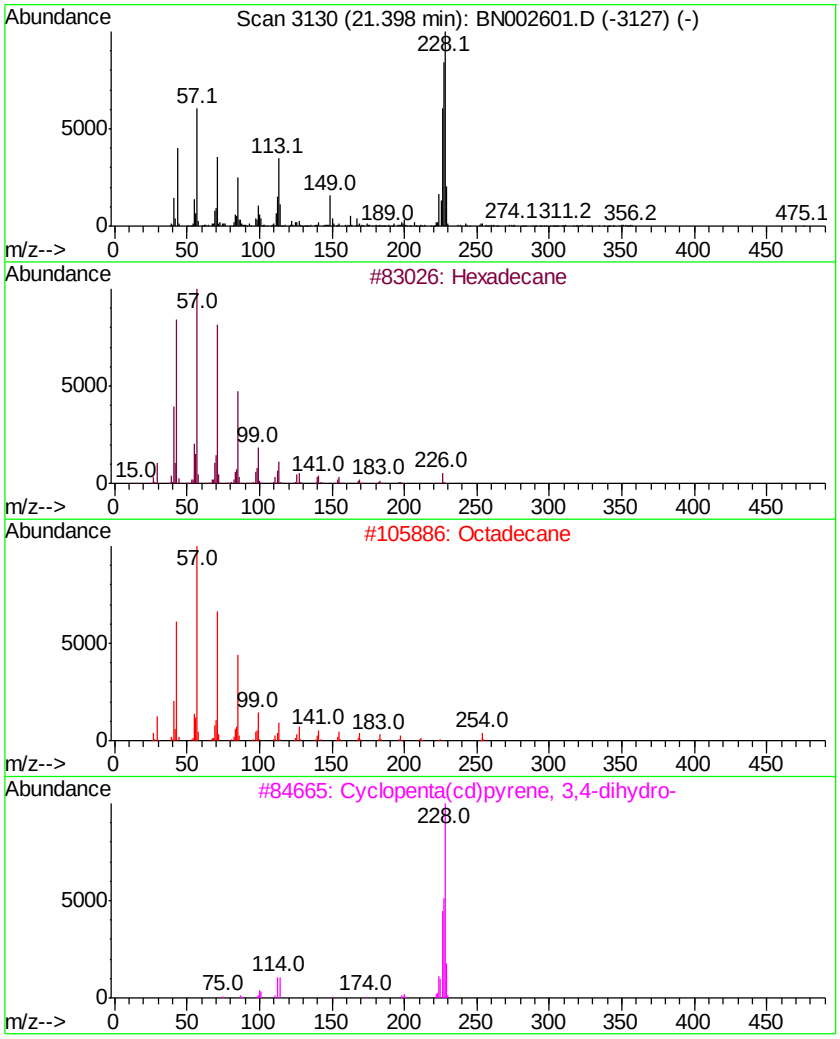
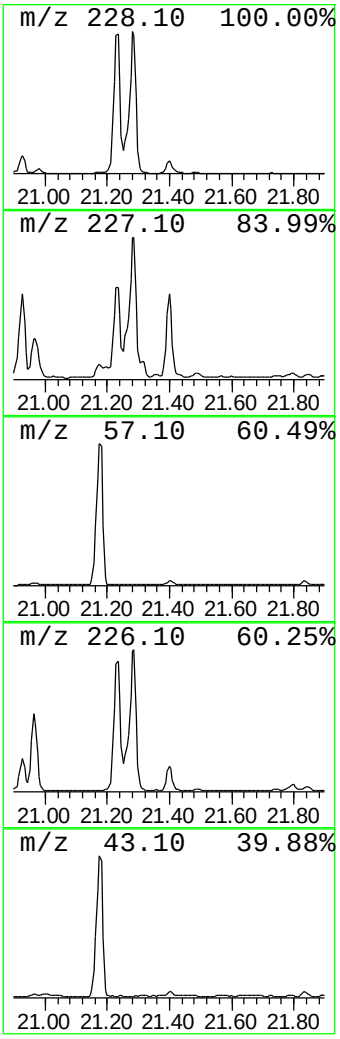
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.47 ng/ul	915308	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	51
2	Octadecane	254	C18H38	000593-45-3	42
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	42
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





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Quant Title : SVOA CALIBRATION

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

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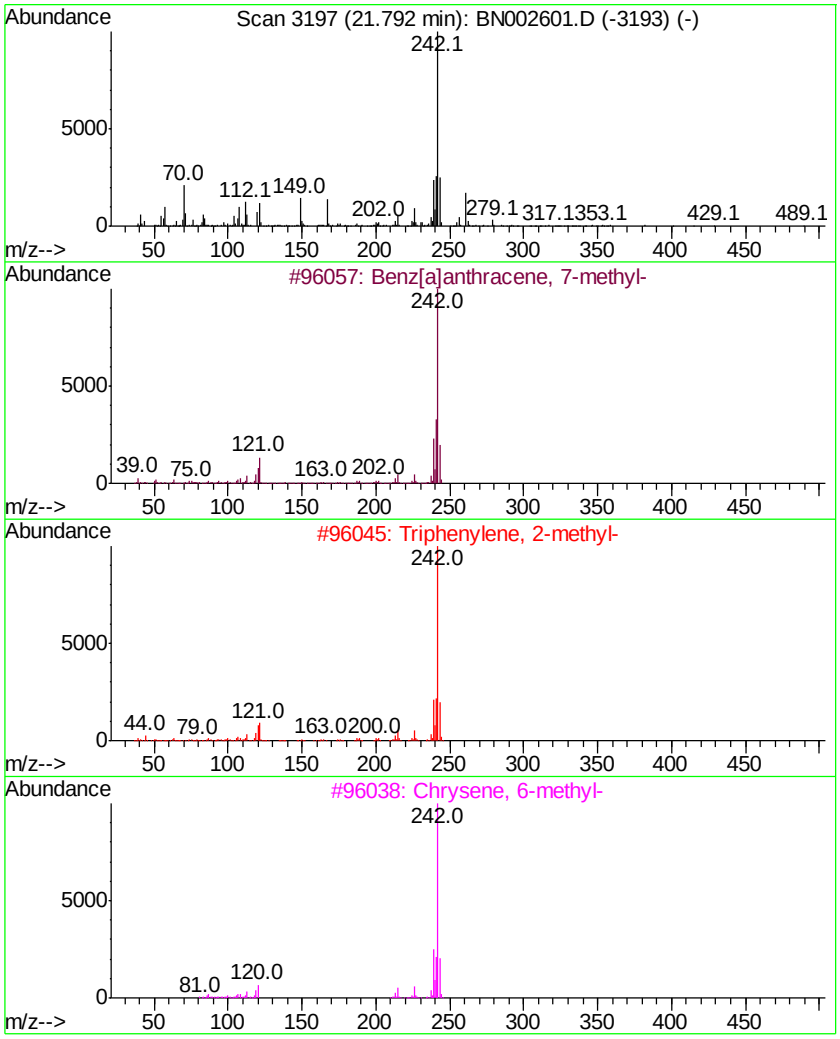
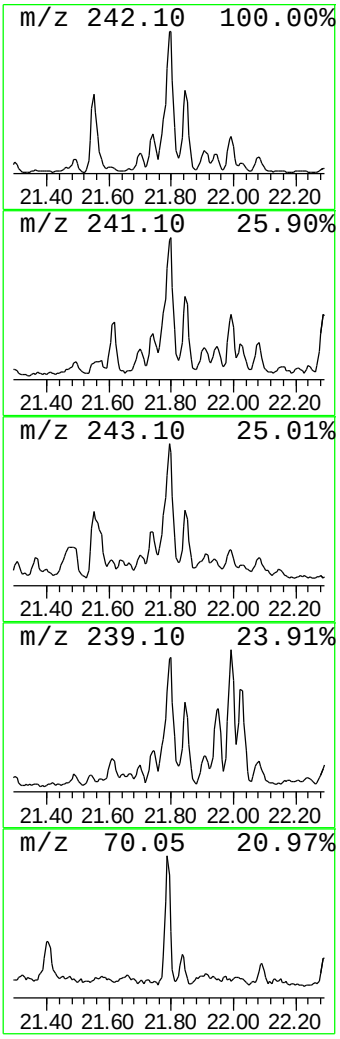
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.47 ng/ul	915178	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	92
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	91





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Quant Title : SVOA CALIBRATION

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

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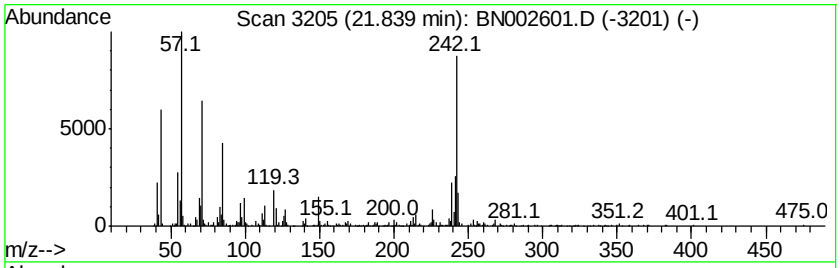
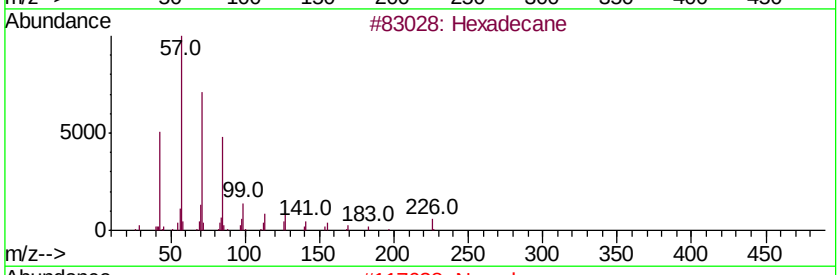
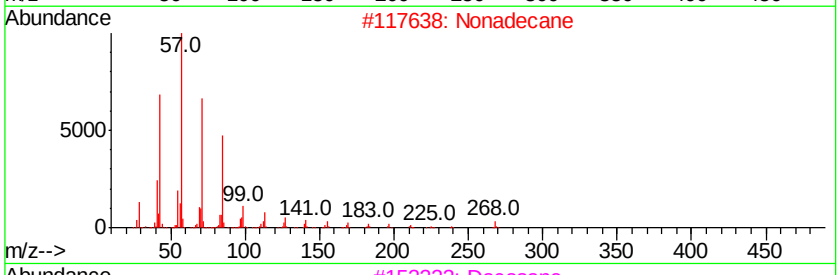
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

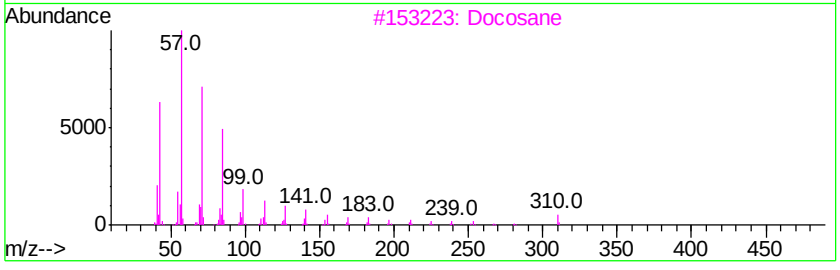
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.19 ng/ul	813162	Chrysene-d12	21.25

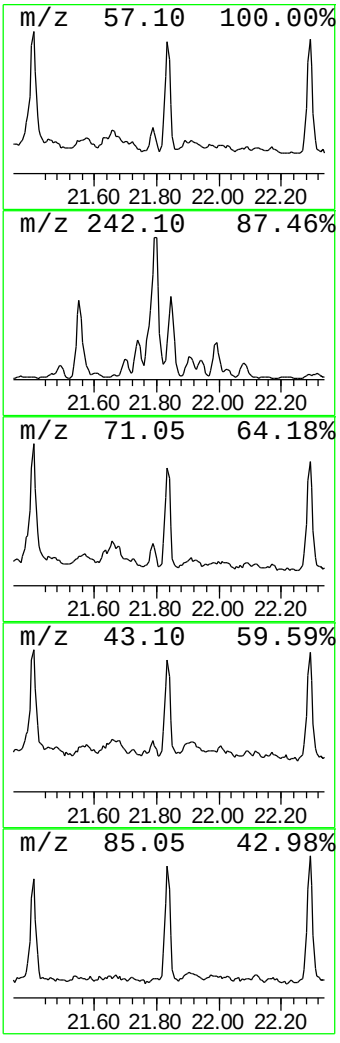
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Nonadecane	268	C19H40	000629-92-5	91
3	Docosane	310	C22H46	000629-97-0	91
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	84











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Quant Title : SVOA CALIBRATION

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

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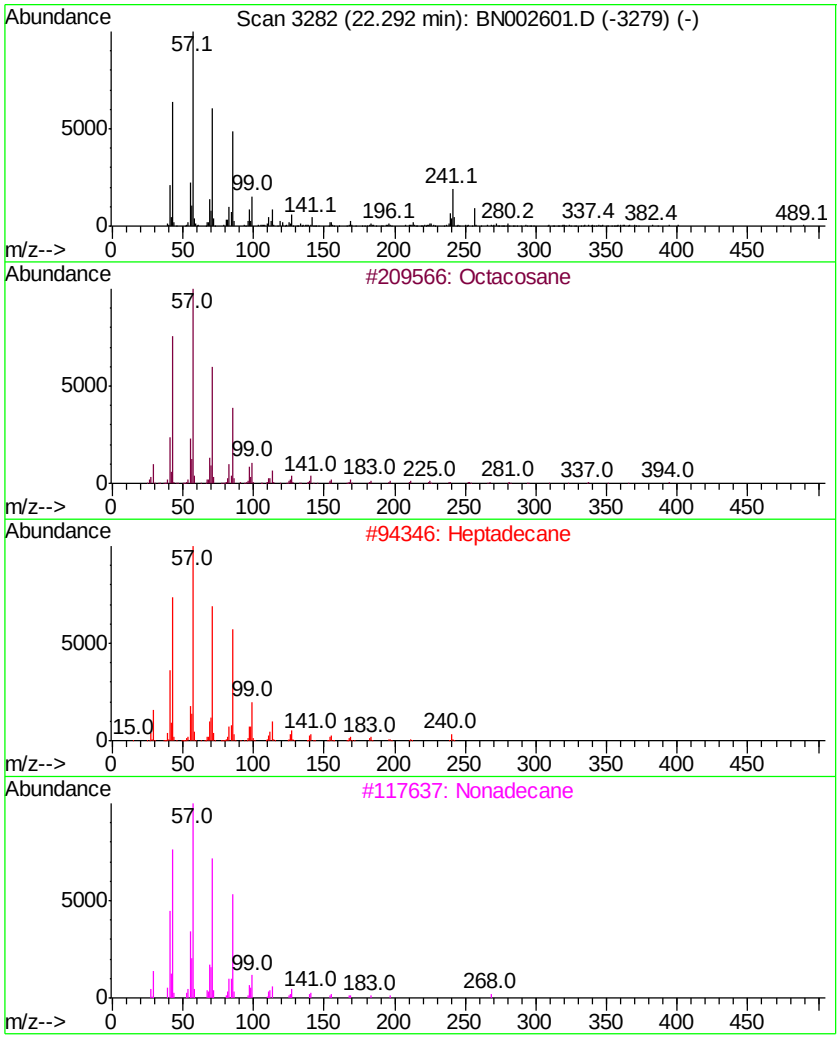
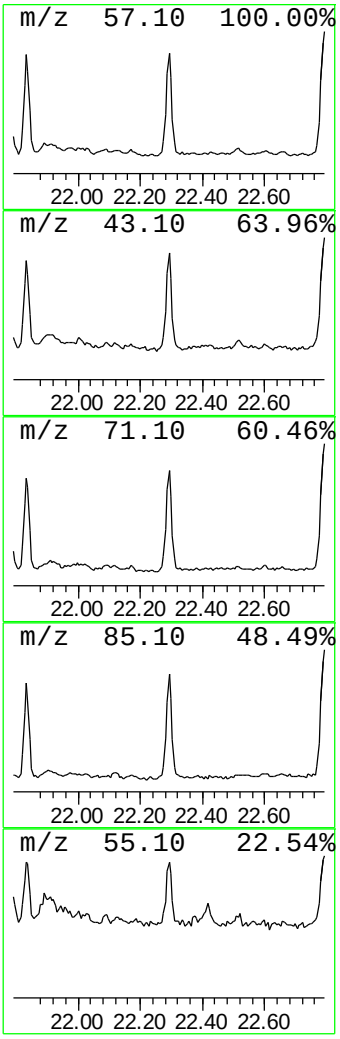
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.04 ng/ul	759140	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	92
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	76
4	Hexadecane	226	C16H34	000544-76-3	70
5	Heneicosane	296	C21H44	000629-94-7	68





Library Search Compound Report

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Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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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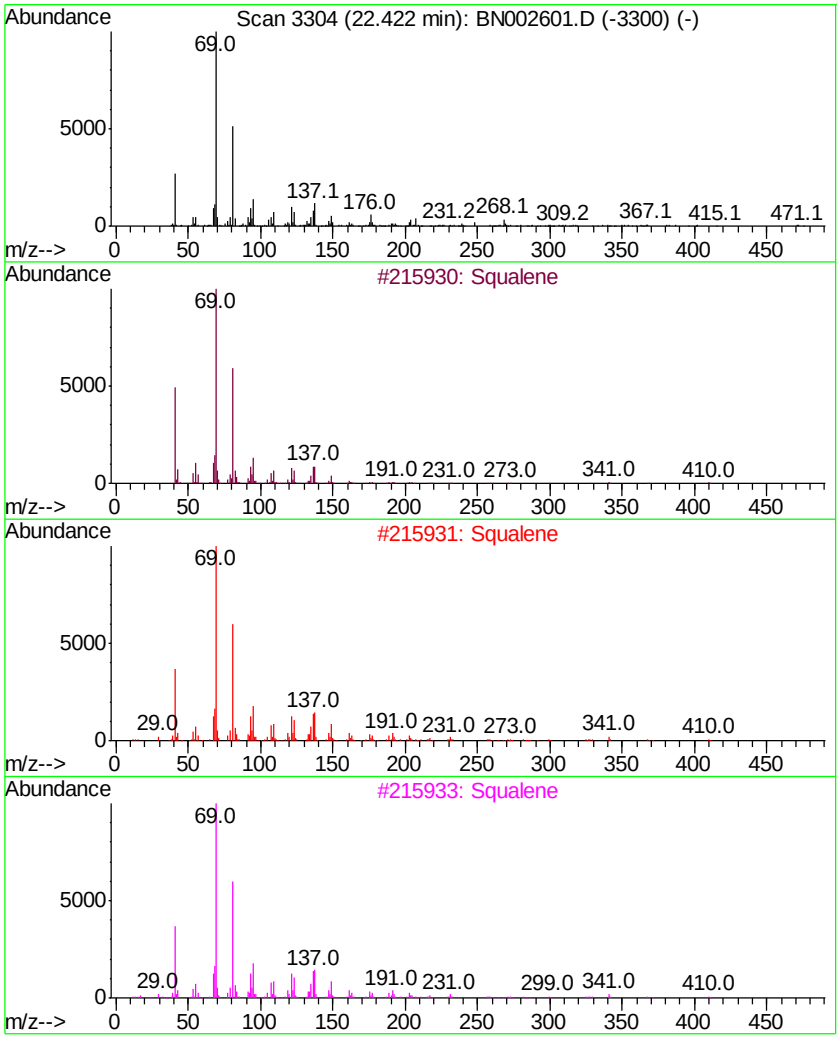
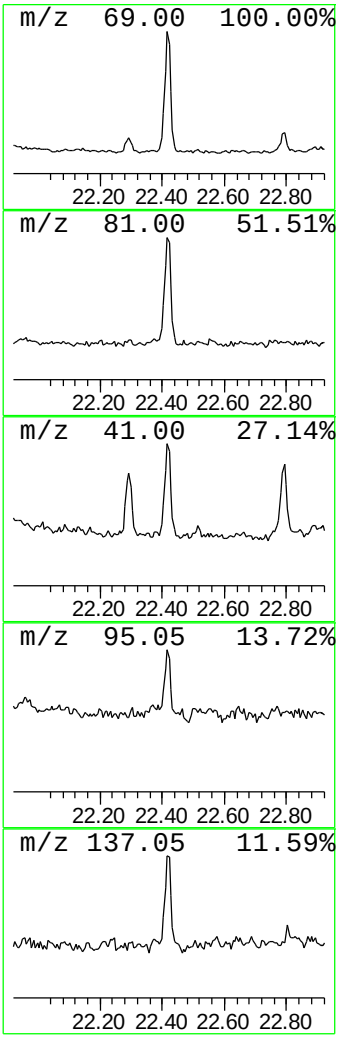
Peak Number 21 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	6.42 ng/ul	710369	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Squalene	410	C30H50	000111-02-4	83
3	Squalene	410	C30H50	000111-02-4	83
4	Squalene	410	C30H50	000111-02-4	80
5	Supraene	410	C30H50	007683-64-9	74





Library Search Compound Report

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Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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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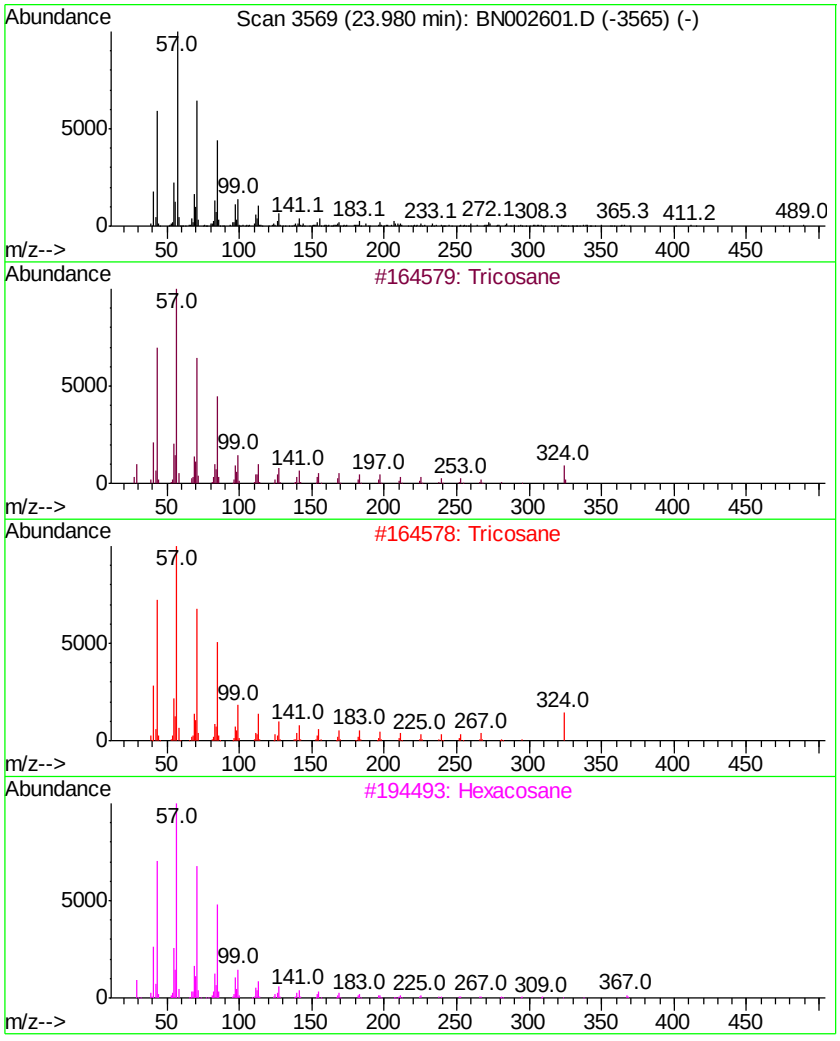
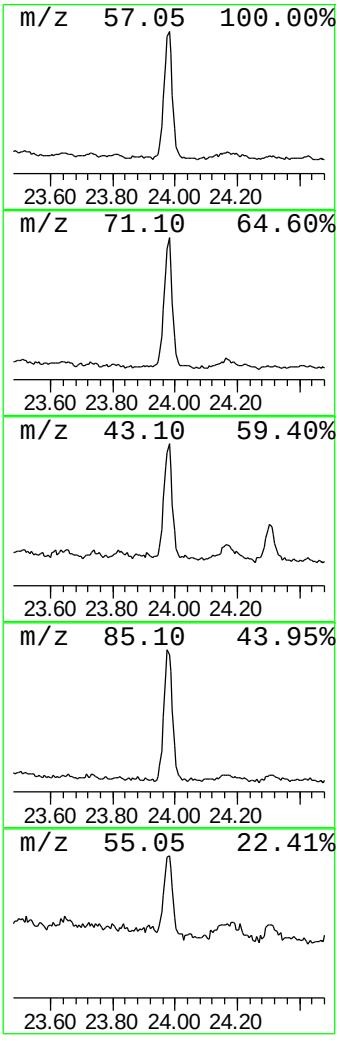
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	7.67 ng/ul	849008	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tricosane	324	C23H48	000638-67-5	95
3	Hexacosane	366	C26H54	000630-01-3	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91





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Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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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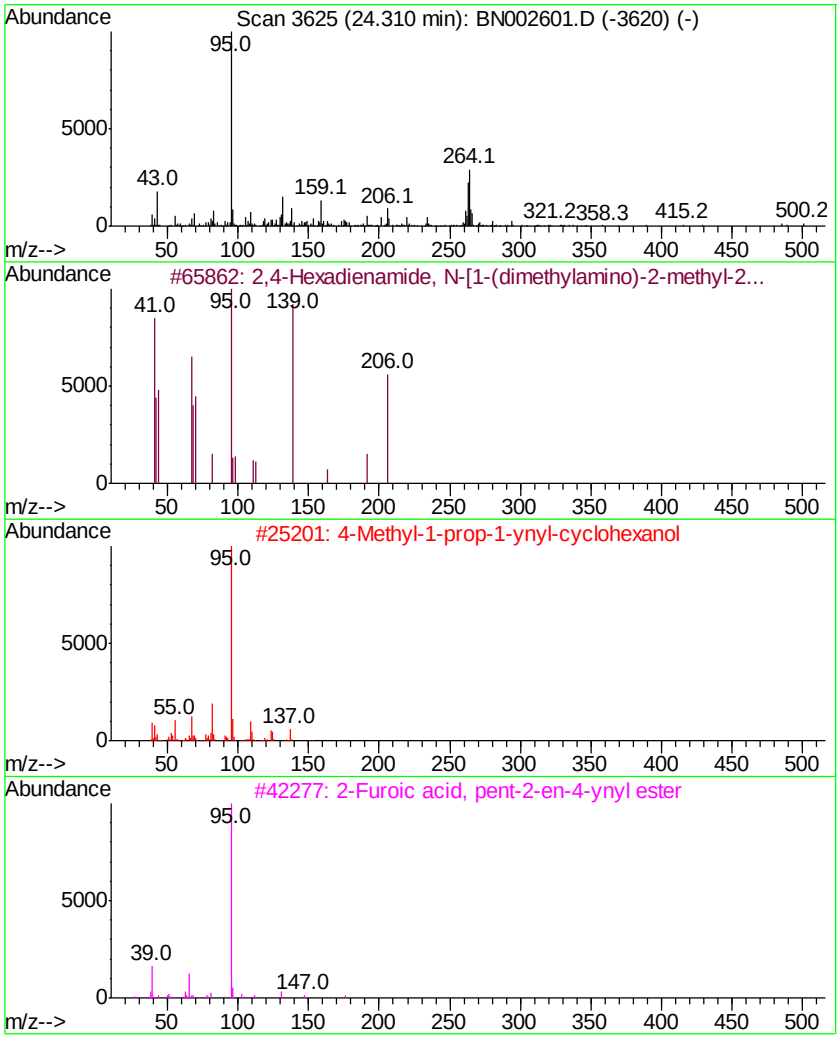
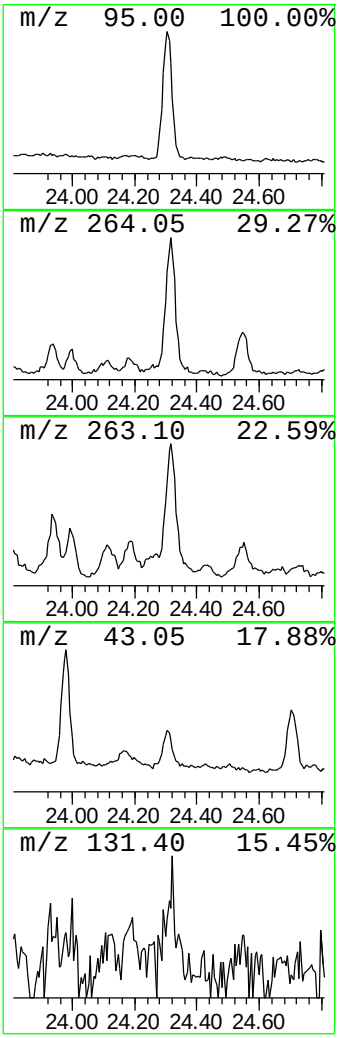
Peak Number 24 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	8.25 ng/ul	912912	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienamide, N-[1-(dimethy...	206	C12H18N2O	075378-92-6	49
2	4-Methyl-1-prop-1-ynyl-cyclohexanol	152	C10H16O	1000362-94-7	43
3	2-Furoic acid, pent-2-en-4-ynyl ...	176	C10H8O3	1000299-23-4	38
4	4-Penten-1-one, 1-(1H-imidazol-4...	150	C8H10N2O	069393-39-1	32
5	2-Furancarboxylic acid, 2-formyl...	284	C12H6Cl2O4	1000331-10-9	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002601.D
Acq On : 06 Sep 2018 03:38
Operator : JU/SJ
Sample : J4688-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z22

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
9H-Fluoren-9-one	16.70	3.4	ng/ul	528278	4	17.05	3143230	20.0
Dibenzothiophene	16.86	3.6	ng/ul	561485	4	17.05	3143230	20.0
Phenanthrene, 2-m...	17.92	2.7	ng/ul	429983	4	17.05	3143230	20.0
Phenanthrene, 1-m...	17.96	12.3	ng/ul	1938100	4	17.05	3143230	20.0
Benzaldehyde, 3,5...	18.11	8.0	ng/ul	1262930	4	17.05	3143230	20.0
Tricyclo[8.2.2.2(...	18.42	3.7	ng/ul	578036	4	17.05	3143230	20.0
9,10-Anthracenedione	18.47	5.0	ng/ul	780130	4	17.05	3143230	20.0
Phenanthrene, 1,7...	18.85	4.4	ng/ul	692458	4	17.05	3143230	20.0
Cyclopenta(def)ph...	18.99	3.4	ng/ul	530326	4	17.05	3143230	20.0
1,2-Benzenedicarb...	19.80	3.4	ng/ul	1272430	5	21.25	7425130	20.0
11H-Benzo[b]fluorene	19.97	2.1	ng/ul	776771	5	21.25	7425130	20.0
Pyrene, 1-methyl-	20.13	2.2	ng/ul	804980	5	21.25	7425130	20.0
11H-Benzo[a]fluor...	20.72	3.0	ng/ul	1126020	5	21.25	7425130	20.0
Cyclopenta[cd]pyrene	20.97	3.5	ng/ul	1295810	5	21.25	7425130	20.0
(DEL) Alkane: Str...	21.40	2.5	ng/ul	915308	5	21.25	7425130	20.0
Benz[a]anthracene...	21.79	2.5	ng/ul	915178	5	21.25	7425130	20.0
(DEL) Alkane: Str...	21.84	2.2	ng/ul	813162	5	21.25	7425130	20.0
(DEL) Alkane: Str...	22.29	2.0	ng/ul	759140	5	21.25	7425130	20.0
Squalene	22.42	6.4	ng/ul	710369	6	23.46	2214010	20.0
(DEL) Alkane: Str...	23.98	7.7	ng/ul	849008	6	23.46	2214010	20.0
unknown-01	24.31	8.3	ng/ul	912912	6	23.46	2214010	20.0