LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.551	9	11	43	rVB	803192	1814635	88.92%	8.056%
2	4.463	502	506	529	rBV	74402	234464	11.49%	1.041%
3	5.181	624	628	668	rBV	673566	1648948	80.80%	7.321%
4	6.869	910	915	925	rBV	833050	1489556	72.99%	6.613%
5	6.951	925	929	951	rVB	1170026	2040711	100.00%	9.060%
6	7.286	982	986	1000	rBV	314532	458675	22.48%	2.036%
7	7.528	1022	1027	1053	rBV	948218	1331506	65.25%	5.911%
8	8.210	1139	1143	1172	rBV	608995	1051620	51.53%	4.669%
9	9.322	1328	1332	1344	rBV	440512	635117	31.12%	2.820%
10	11.104	1629	1635	1649	rBV	1390679	1846248	90.47%	8.197%
11	11.798	1749	1753	1764	rVB	148135	221950	10.88%	0.985%
12	11.921	1770	1774	1782	rBV	45830	65743	3.22%	0.292%
13	12.139	1806	1811	1816	rBV2	503496	650126	31.86%	2.886%
14	12.192	1816	1820	1828	rVB2	49476	80374	3.94%	0.357%
15	12.504	1870	1873	1879	rBV2	11411	22292	1.09%	0.099%
16	12.998	1951	1957	1961	rBV	41165	49939	2.45%	0.222%
17	13.045	1961	1965	1974	rVB3	28797	46662	2.29%	0.207%
18	13.357	2014	2018	2023	rVB4	12242	22626	1.11%	0.100%
19	13.439	2028	2032	2049	rVV	586173	903198	44.26%	4.010%
20	13.768	2081	2088	2097	rBV2	36119	81297	3.98%	0.361%
21	14.280	2170	2175	2179	rBV2	19783	29239	1.43%	0.130%
22	14.368	2187	2190	2196	rVB	20511	26271	1.29%	0.117%
23	14.498	2208	2212	2214	rBV	21504	23621	1.16%	0.105%
24	14.533	2214	2218	2221	rVV	461045	557345	27.31%	2.474%
25	14.574	2221	2225	2232	rVB	393824	555816	27.24%	2.468%
26	14.668	2237	2241	2250	rVB	69834	113589	5.57%	0.504%
27	14.992	2292	2296	2301	rBV	21148	39027	1.91%	0.173%
28	15.345	2352	2356	2360	rVB	87235	92700	4.54%	0.412%
29	15.392	2360	2364	2369	rVB	92100	110217	5.40%	0.489%
30	15.468	2373	2377	2378	rBV	27460	31497	1.54%	0.140%
31	15.498	2378	2382	2386	rBV2	65106	87908	4.31%	0.390%
32	15.562	2391	2393	2403	rVB	91640	123308	6.04%	0.547%
33	15.798	2429	2433	2442	rVB	53404	85865	4.21%	0.381%
34	15.874	2443	2446	2459	rVV3	42972	91633	4.49%	0.407%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.015	2466	2470	2475	rBV7	18955	24585	1.20%	0.109%
36	16.062	2475	2478	2482	rBV	28488	31904	1.56%	0.142%
37	16.162	2490	2495	2498	rBV	62034	85603	4.19%	0.380%
38	16.198	2498	2501	2505	rVV4	39848	67938	3.33%	0.302%
39	16.239	2505	2508	2511	rVV4	24521	29818	1.46%	0.132%
40	16.292	2511	2517	2523	rVV3	49342	94299	4.62%	0.419%
41	16.362	2524	2529	2534	rVV	605956	718874	35.23%	3.192%
42	16.409	2535	2537	2542	rVB2	26625	31050	1.52%	0.138%
43	16.556	2560	2562	2567	rVB	23095	28866	1.41%	0.128%
44	16.668	2576	2581	2587	rVV	692730	898879	44.05%	3.991%
45	16.915	2618	2623	2631	rVB	929828	1165006	57.09%	5.172%
46	17.003	2634	2638	2644	rVV3	54391	82356	4.04%	0.366%
47	17.115	2652	2657	2659	rBV4	60727	107851	5.28%	0.479%
48	17.274	2681	2684	2690	rBV2	82095	140476	6.88%	0.624%
49	17.386	2700	2703	2706	rVB2	58588	64631	3.17%	0.287%
50	17.839	2777	2780	2783	rVB	69277	72043	3.53%	0.320%
51	18.115	2824	2827	2831	rBV2	71875	95416	4.68%	0.424%
52	18.268	2848	2853	2856	rBV2	498514	762510	37.36%	3.385%
53	18.303	2856	2859	2862	rVB	176073	205815	10.09%	0.914%
54	19.544	3066	3070	3073	rBV	289633	433743	21.25%	1.926%
55	19.891	3126	3129	3132	rBV	227940	219068	10.73%	0.973%
56	19.944	3135	3138	3146	rVB	341949	499791	24.49%	2.219%

Sum of corrected areas: 22524245

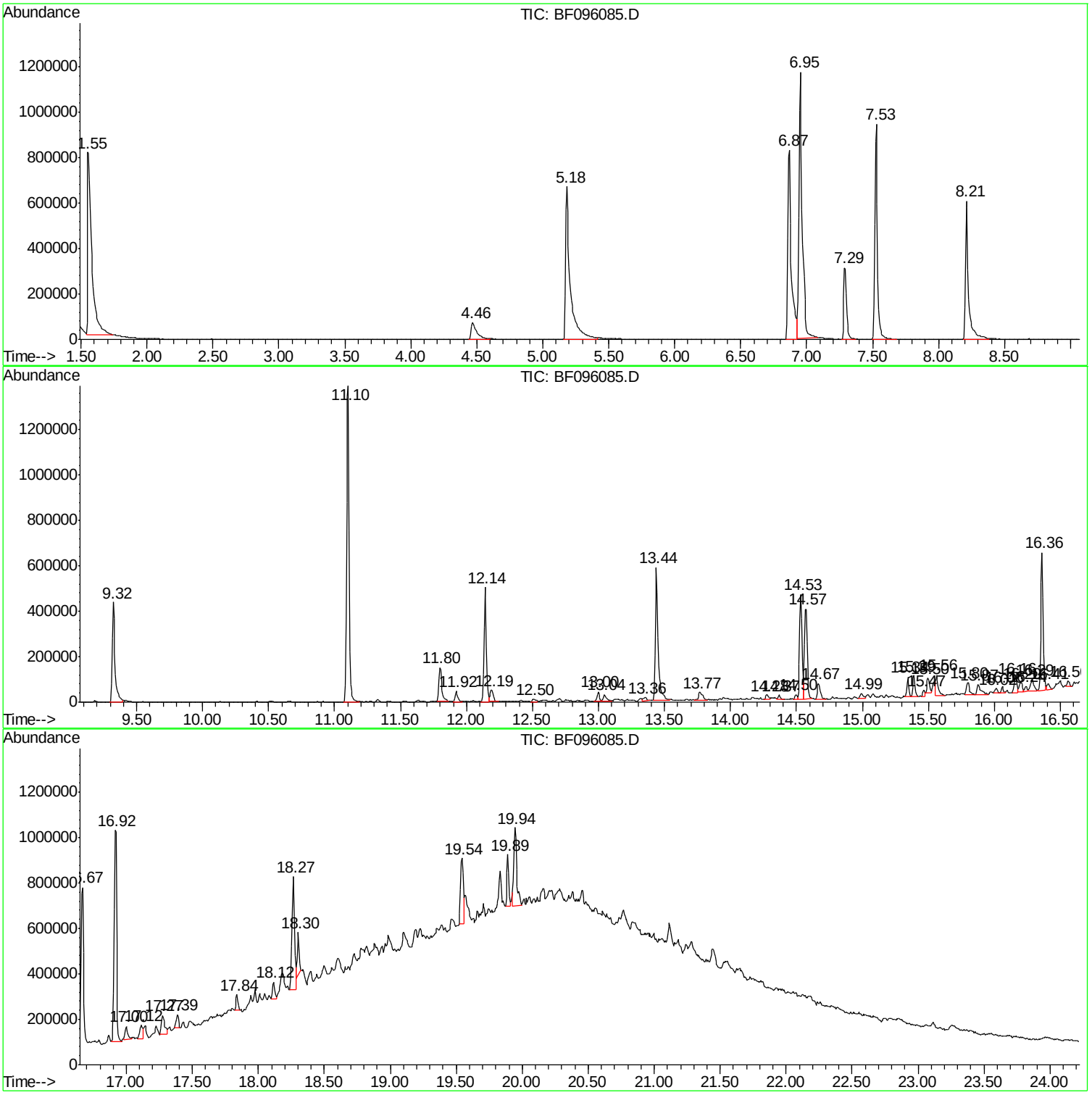
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

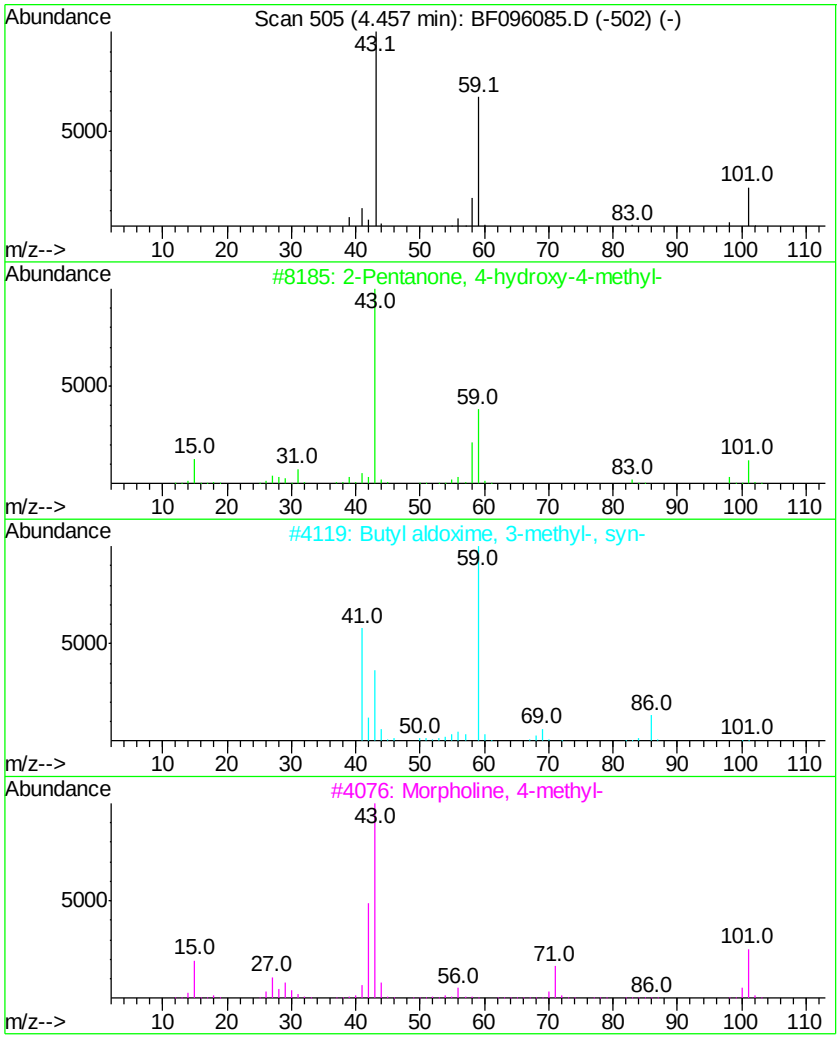
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

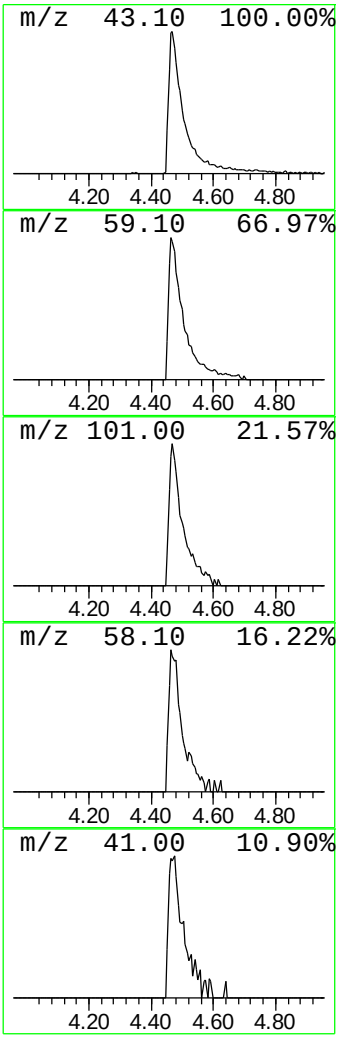
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	10.22 ng	234464	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

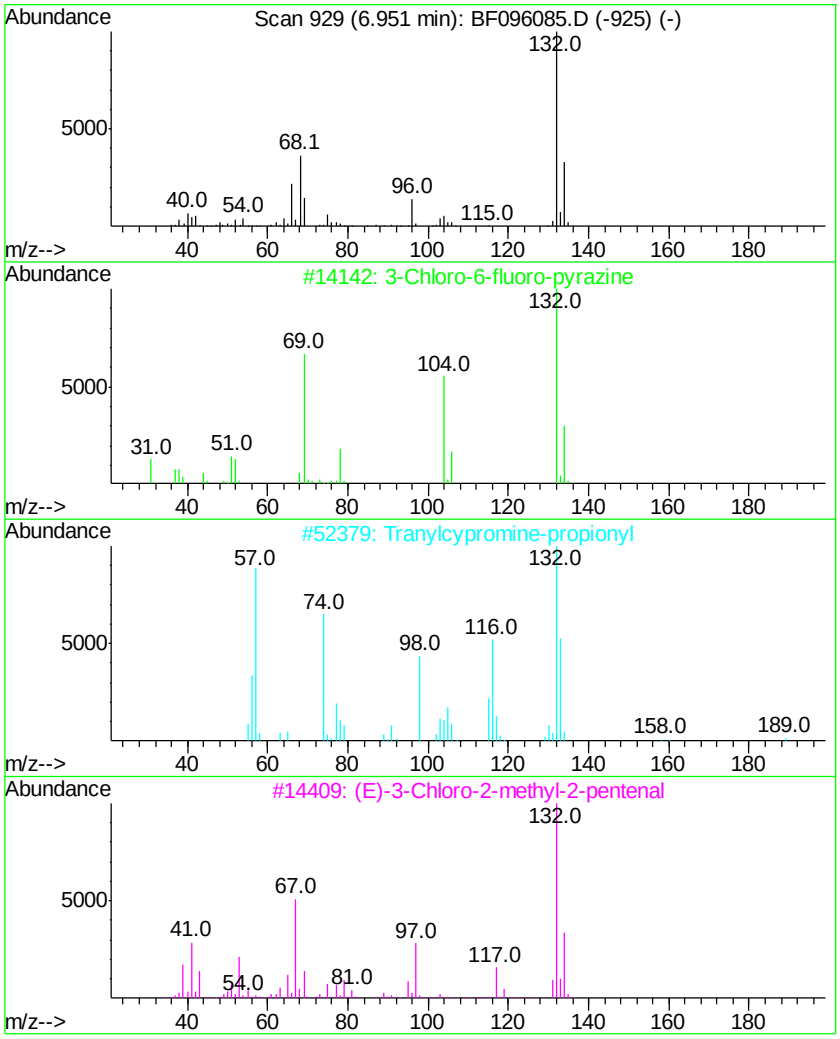
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

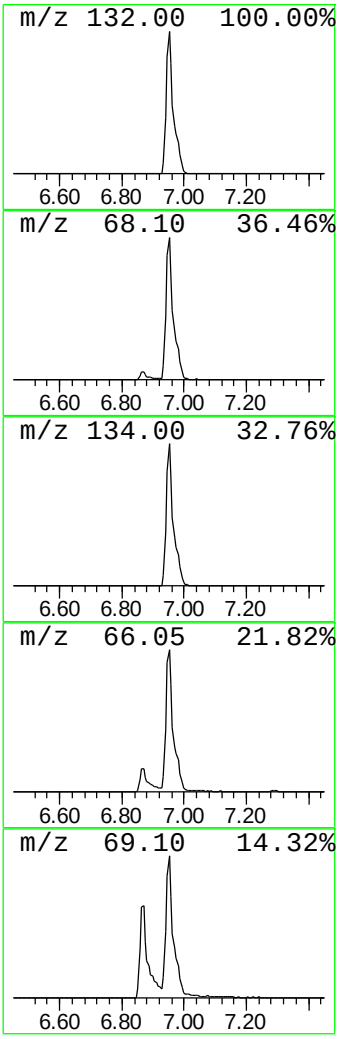
****

Peak Number 3 unknown6.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	88.98 ng	2040710	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

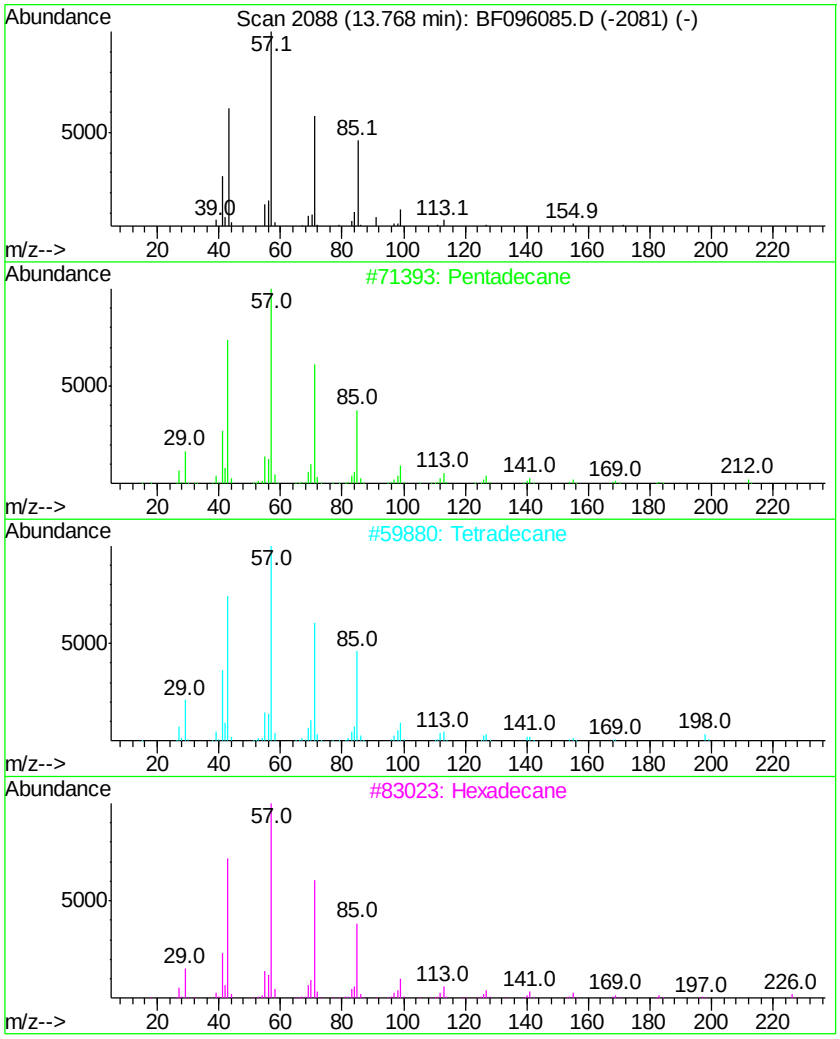
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

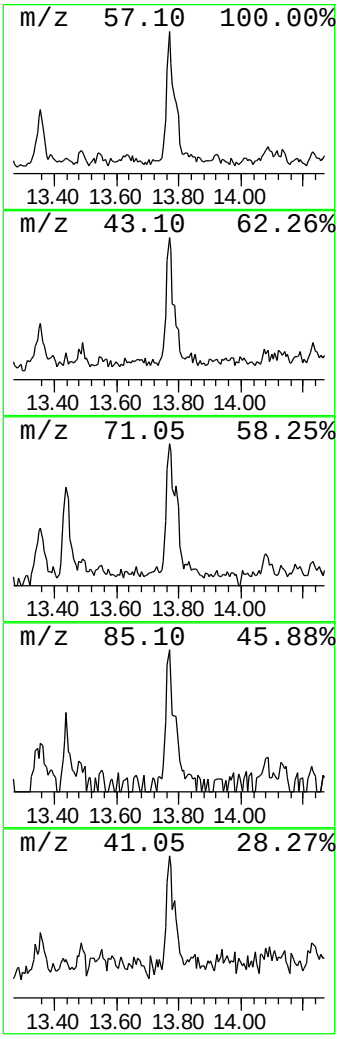
****

Peak Number 6 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.92 ng	81297	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

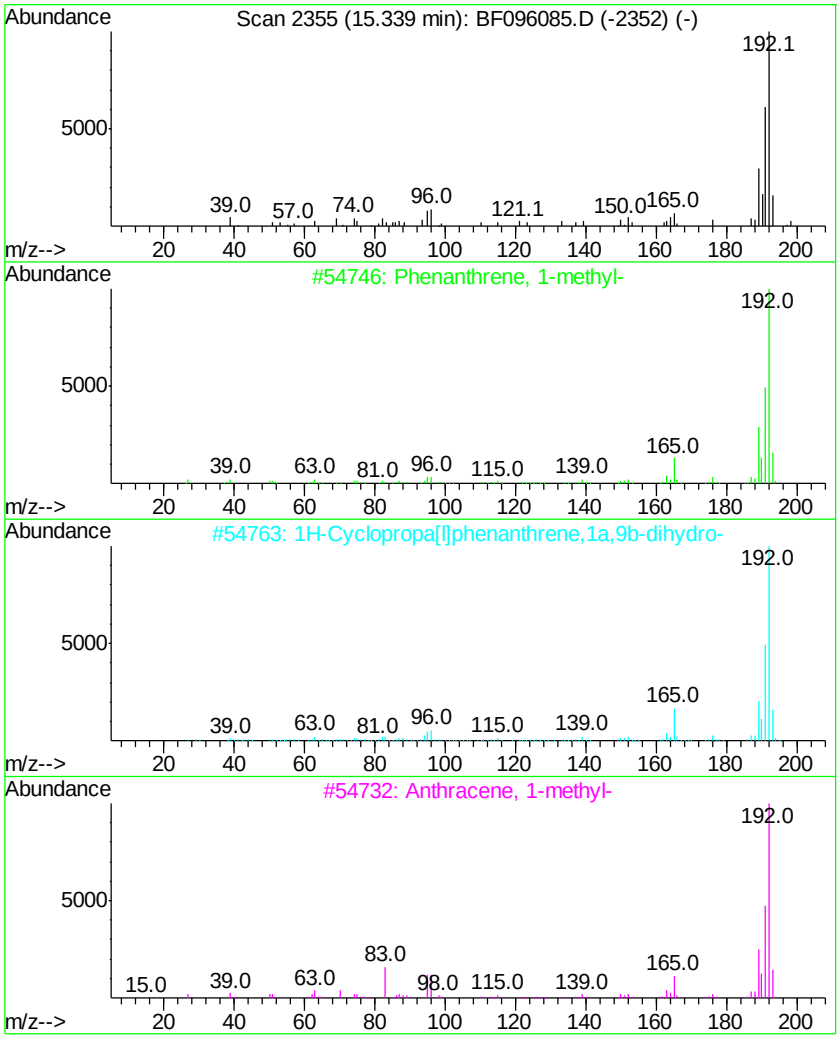
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

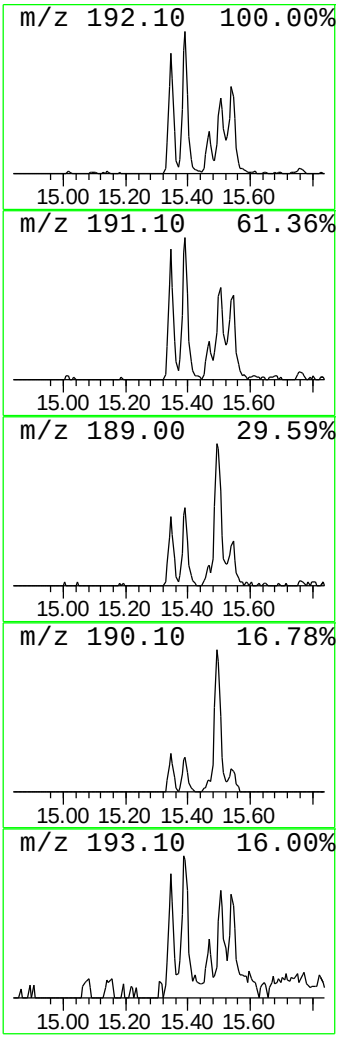
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.33 ng	92700	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

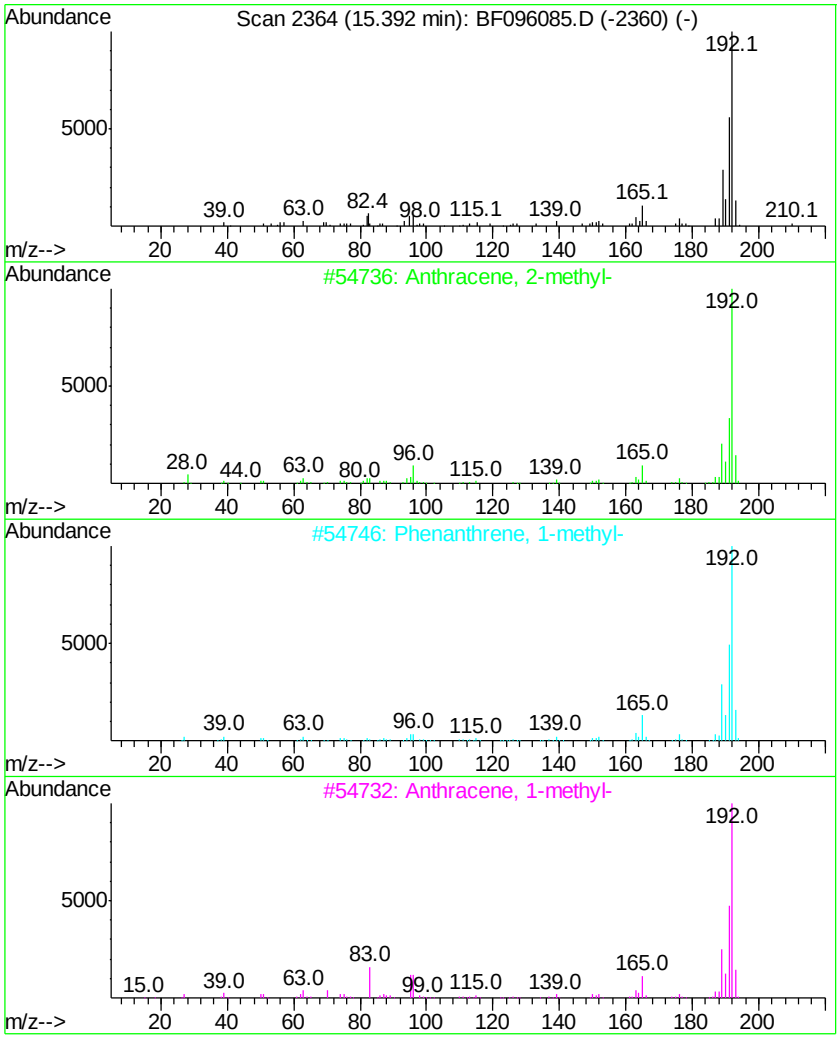
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

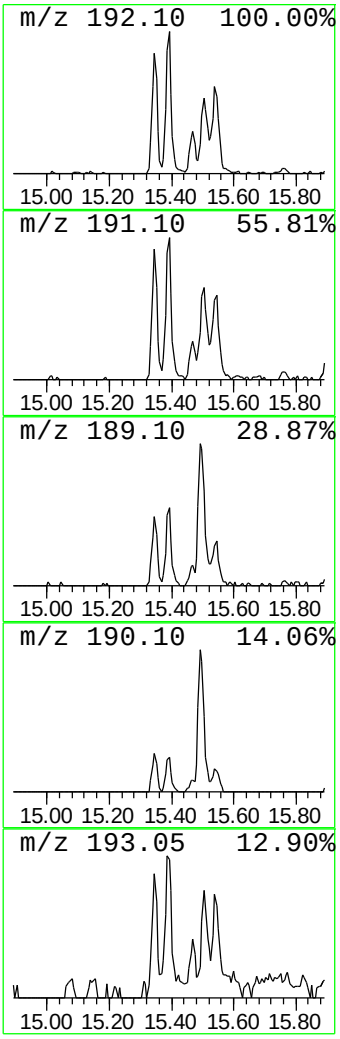
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.96 ng	110217	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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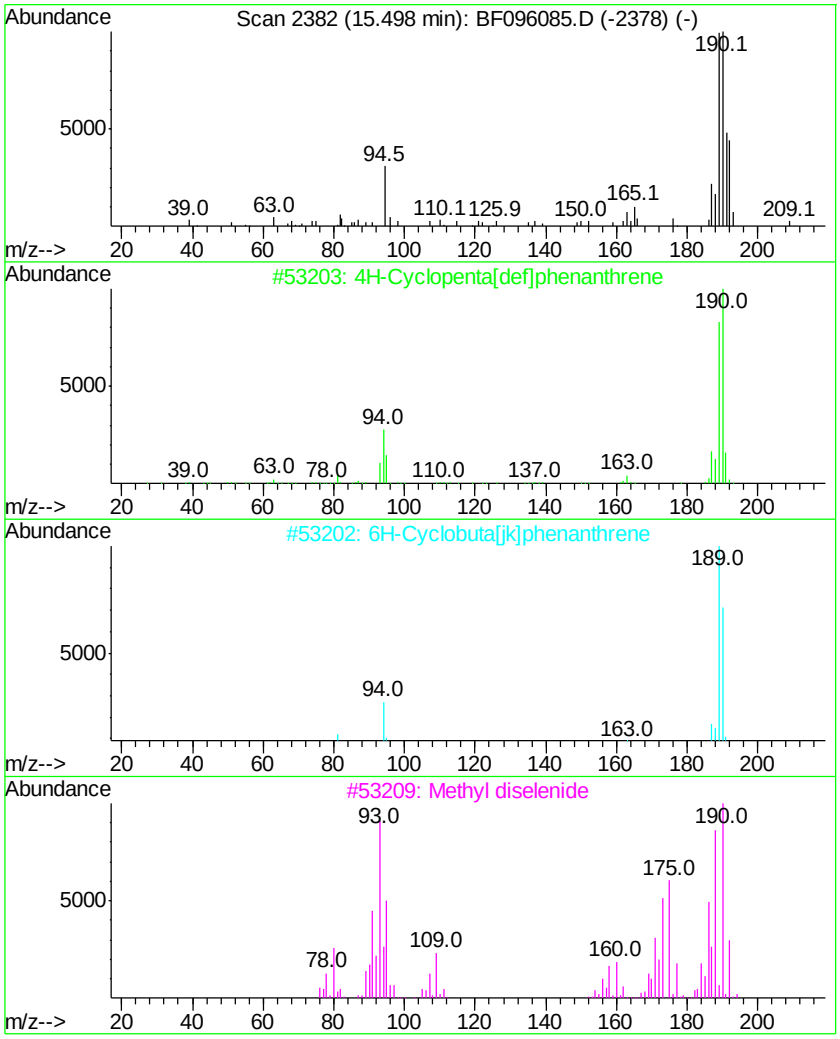
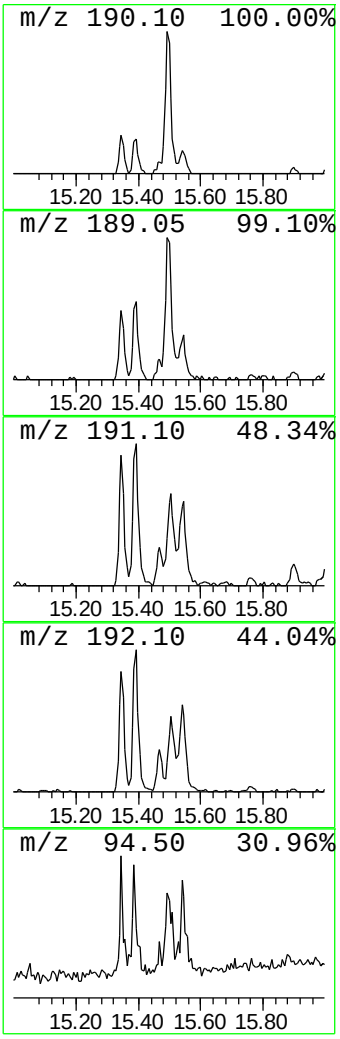
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.15 ng	87908	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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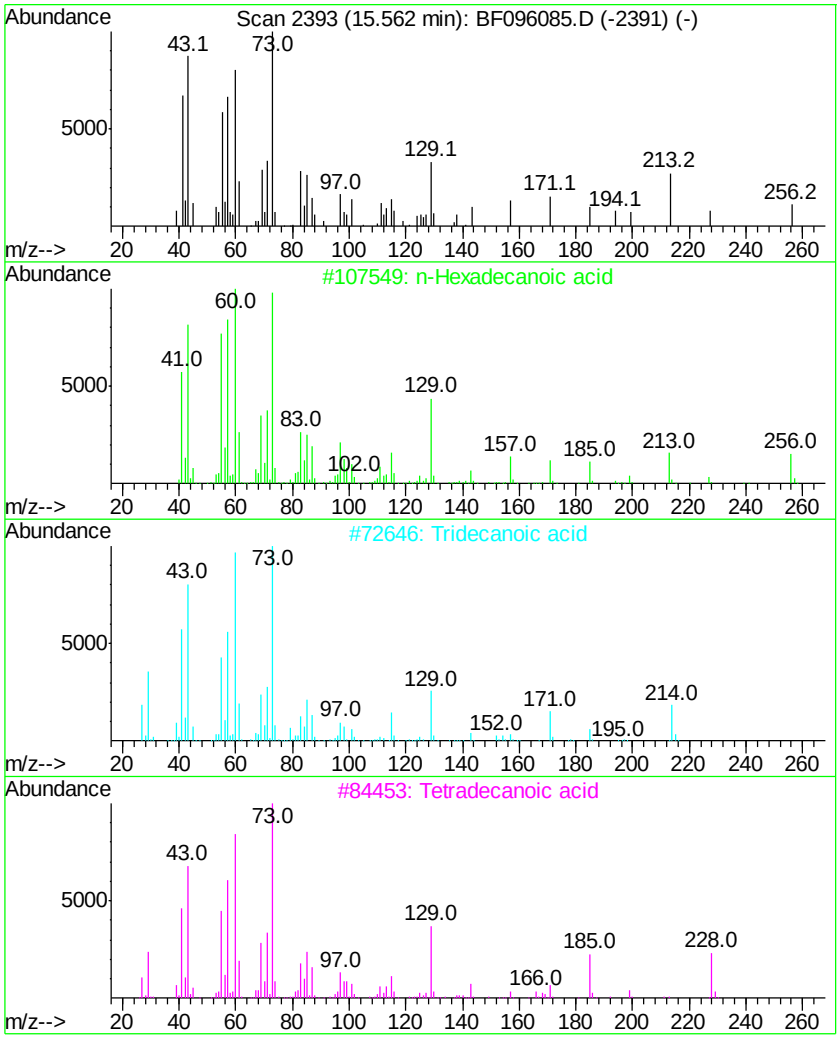
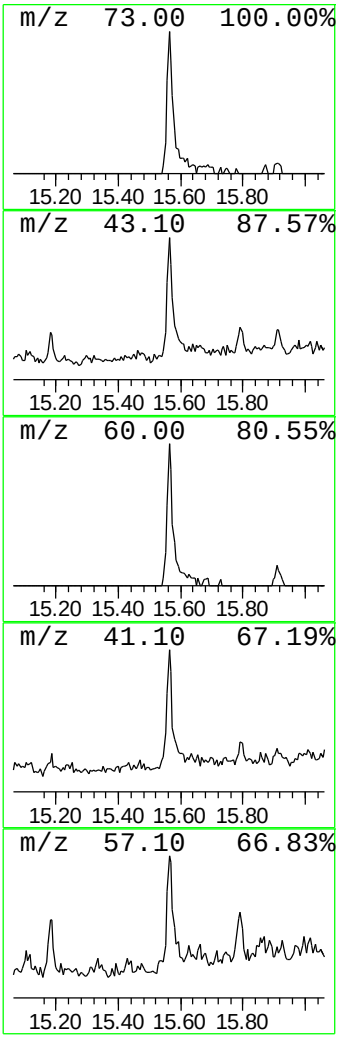
Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	4.42 ng	123308	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

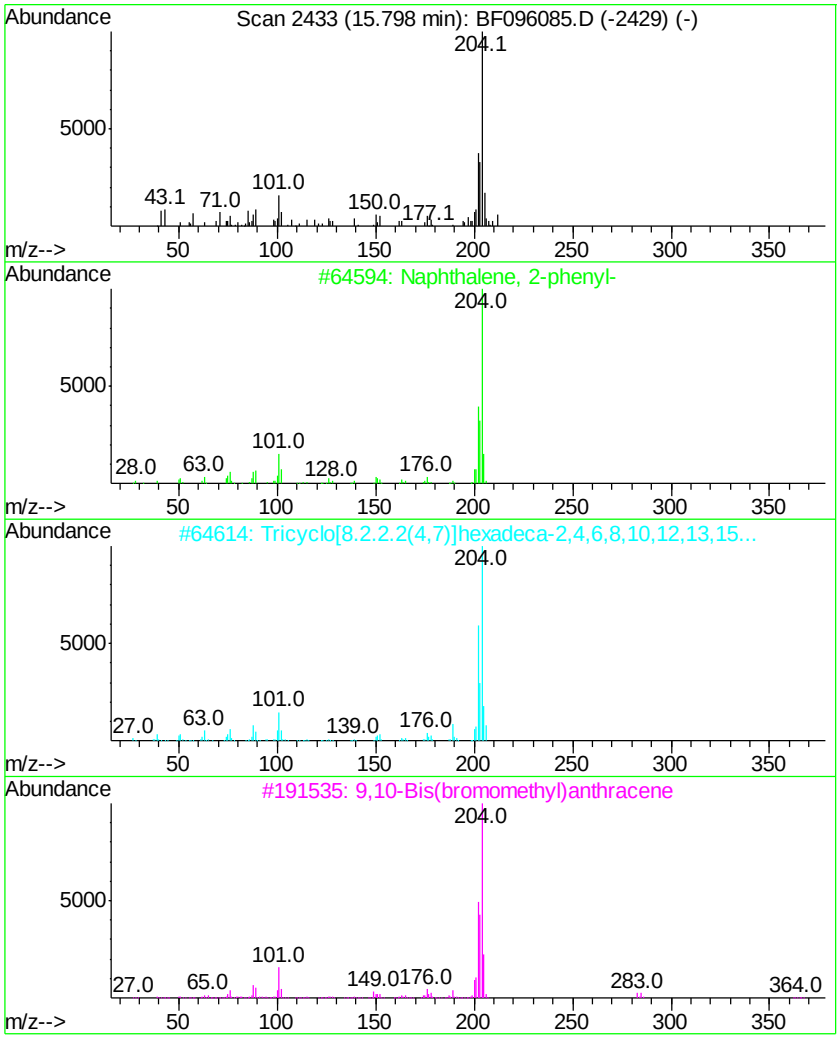
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

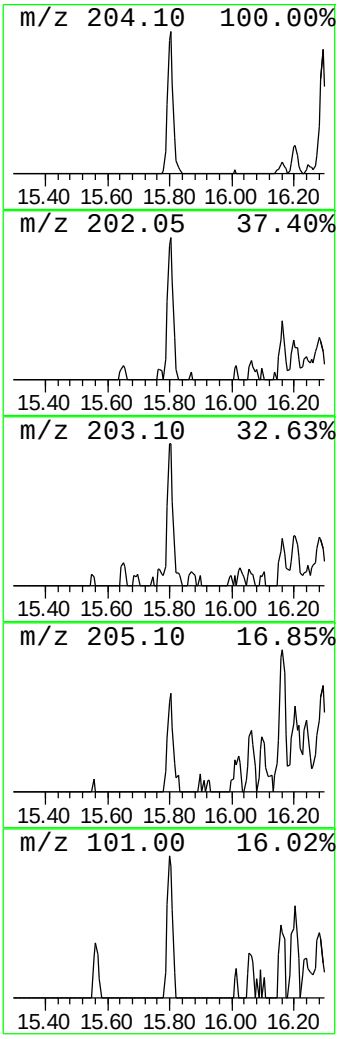
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.08 ng	85865	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	58





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Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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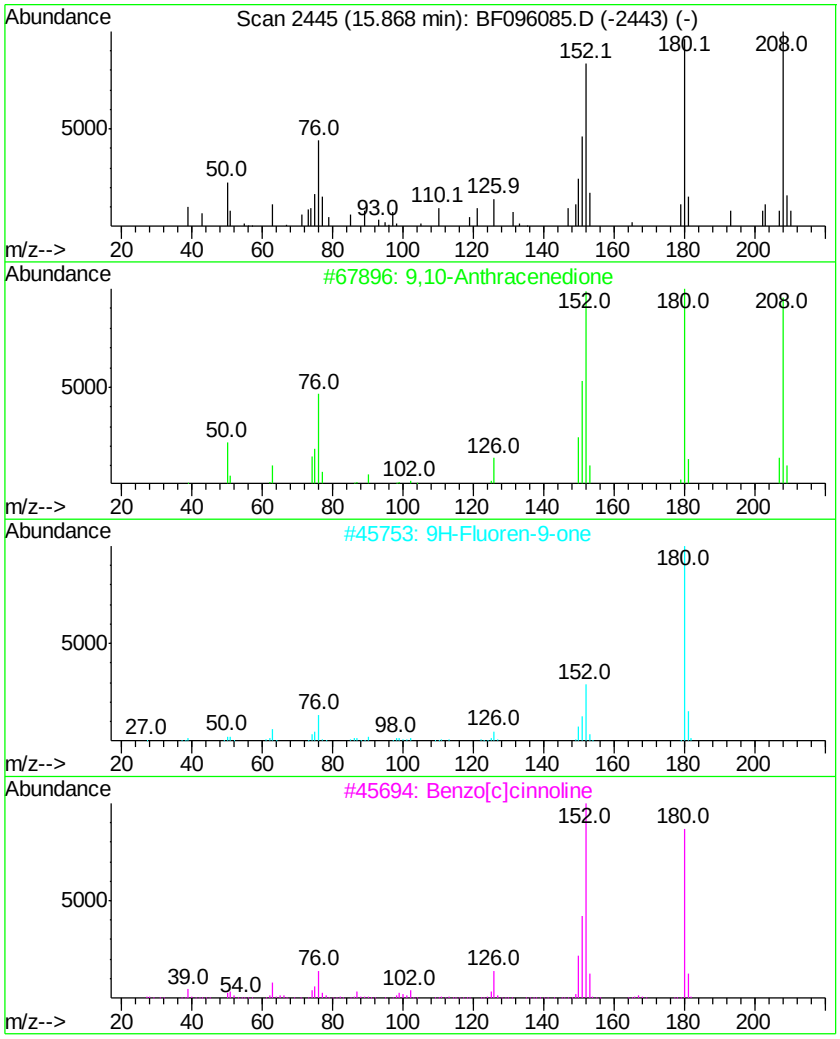
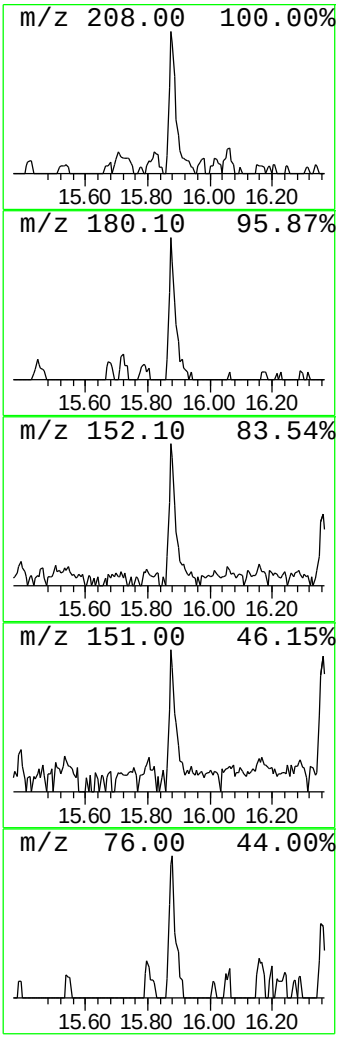
Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.29 ng	91633	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





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Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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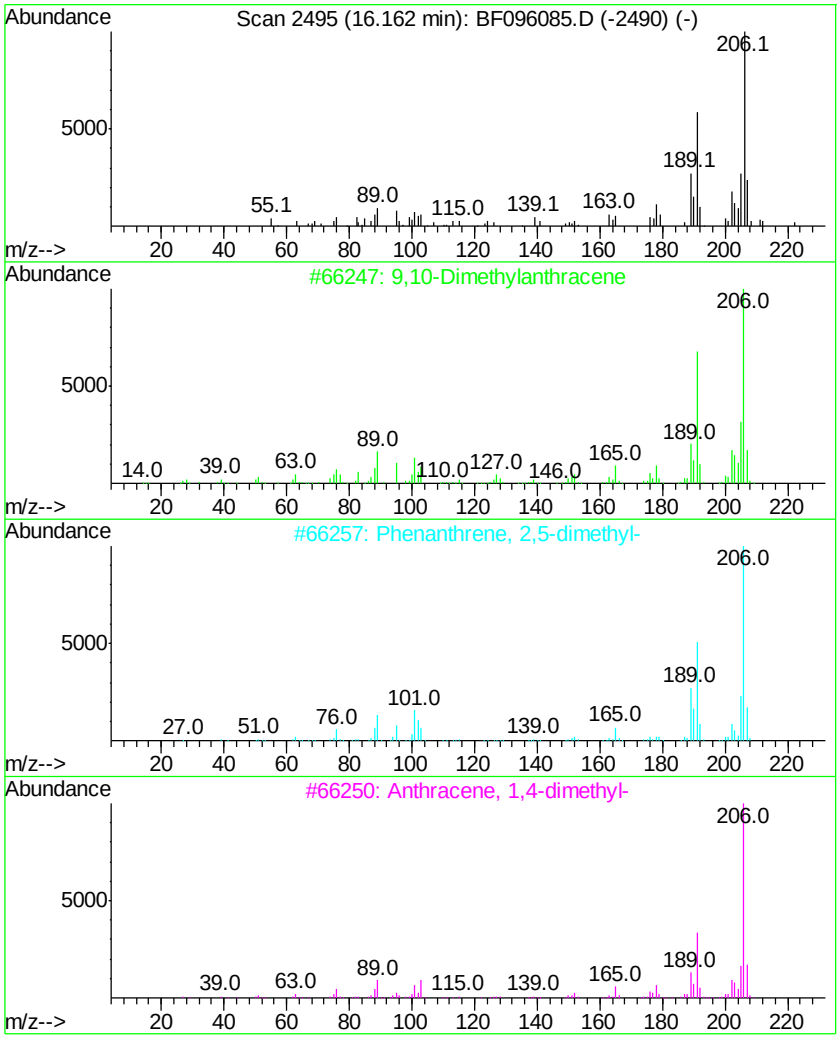
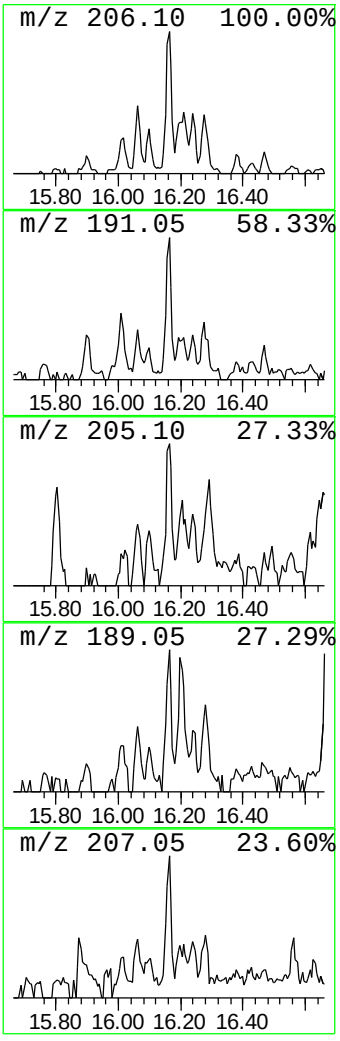
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.07 ng	85603	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	83





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Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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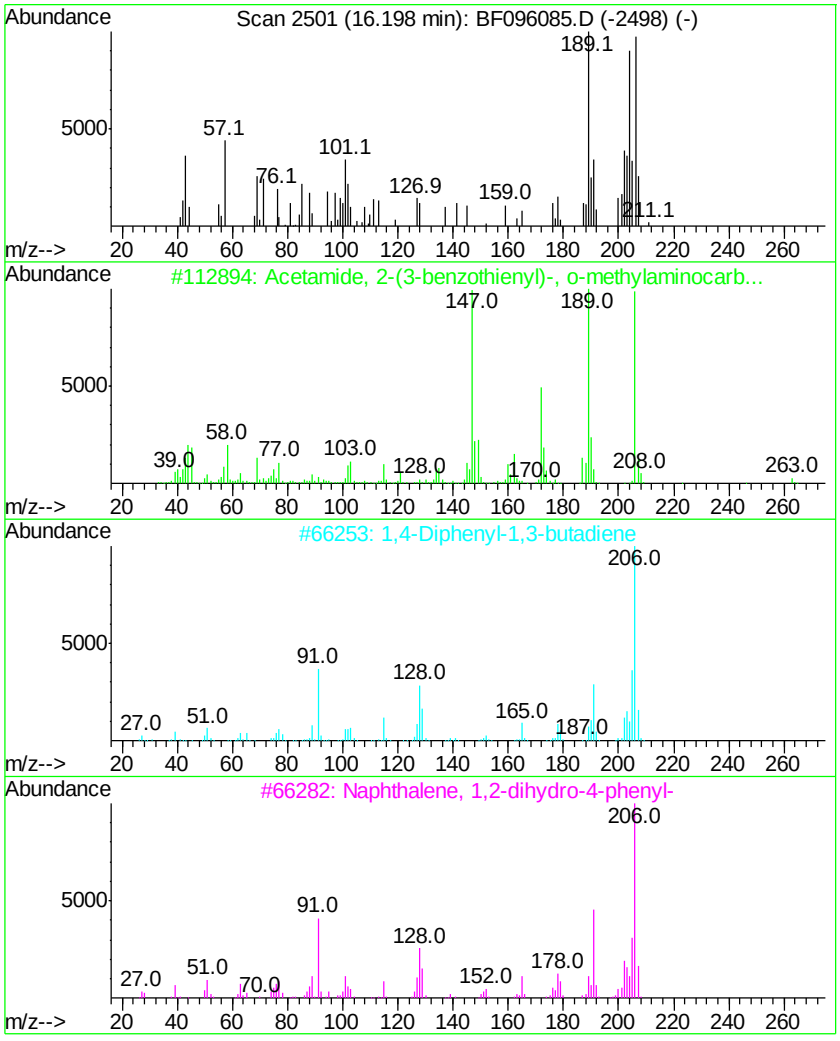
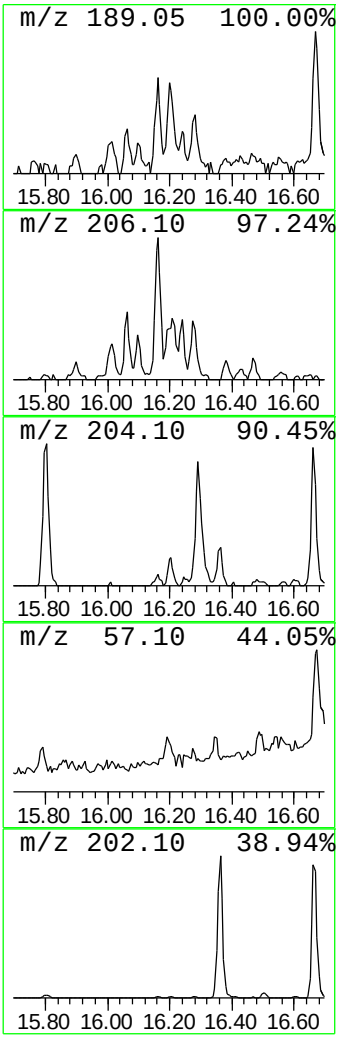
Peak Number 14 unknown16.20 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.44 ng	67938	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-(3-benzothienyl)-, ...	263	C12H13N3O2S	1000270-74-8	38
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	38
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	30





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Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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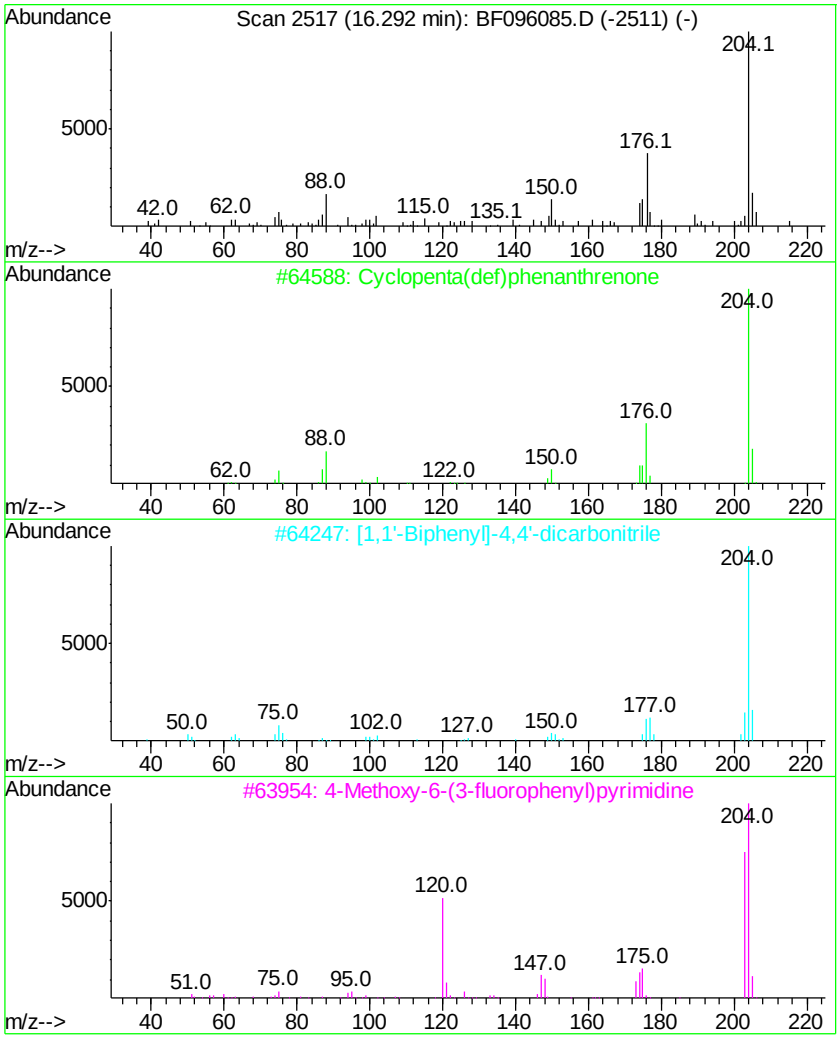
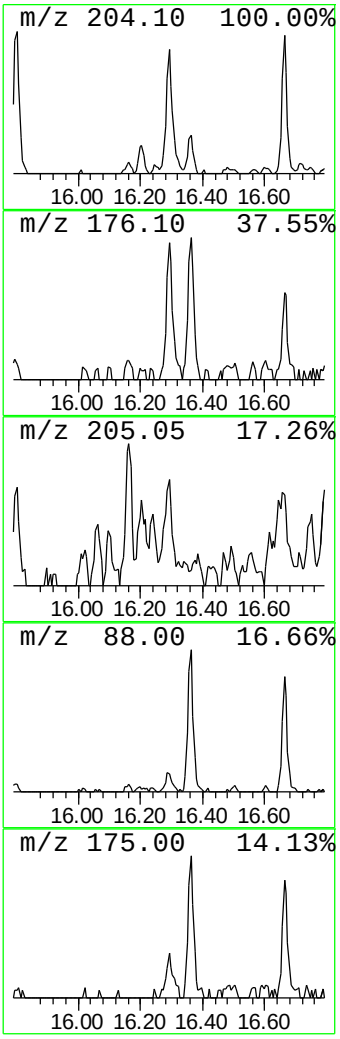
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.38 ng	94299	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	53
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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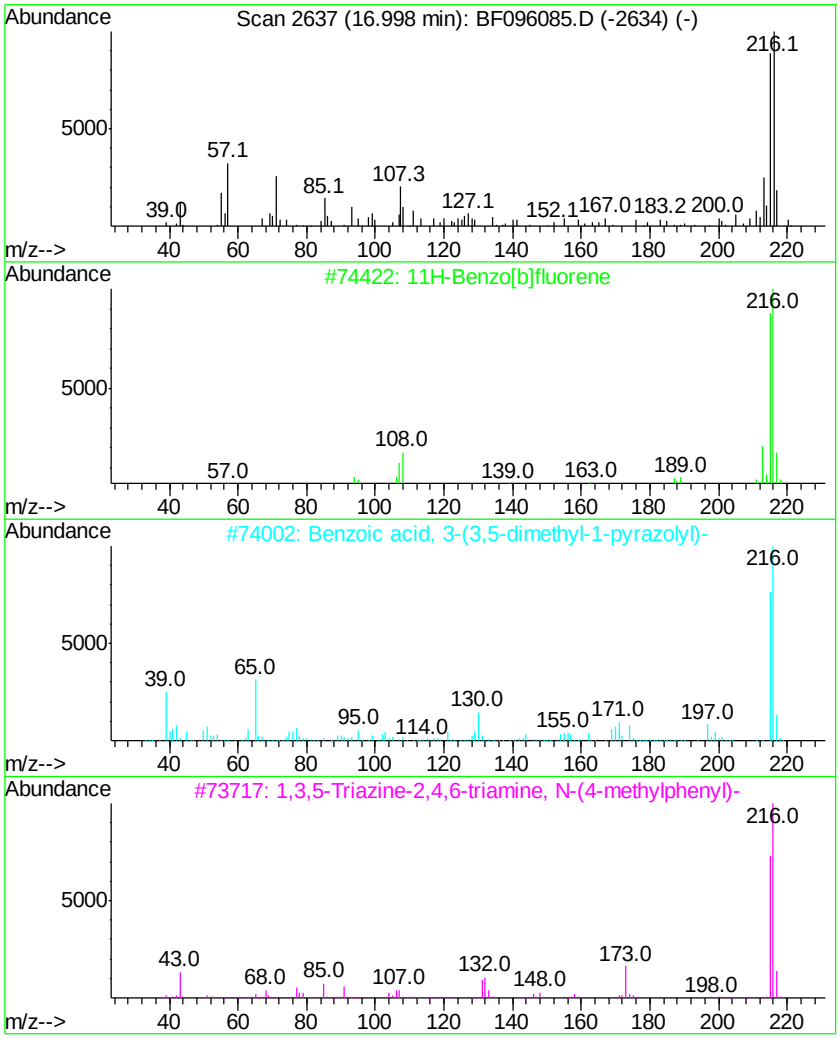
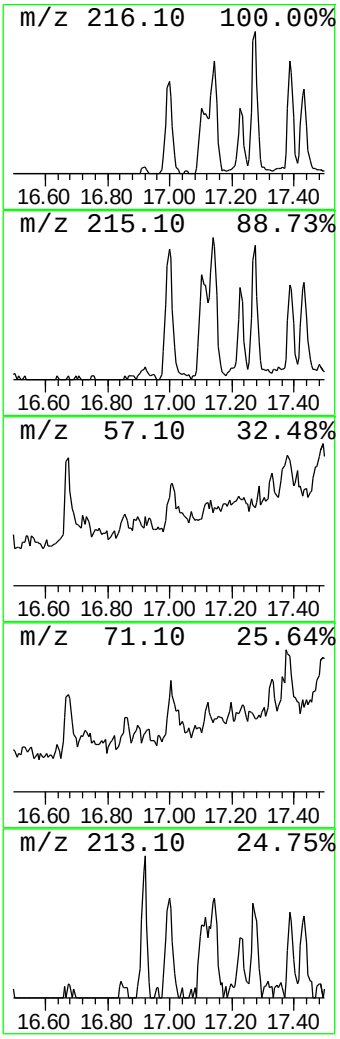
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.16 ng	82356	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
2	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	47
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	47
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	43





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Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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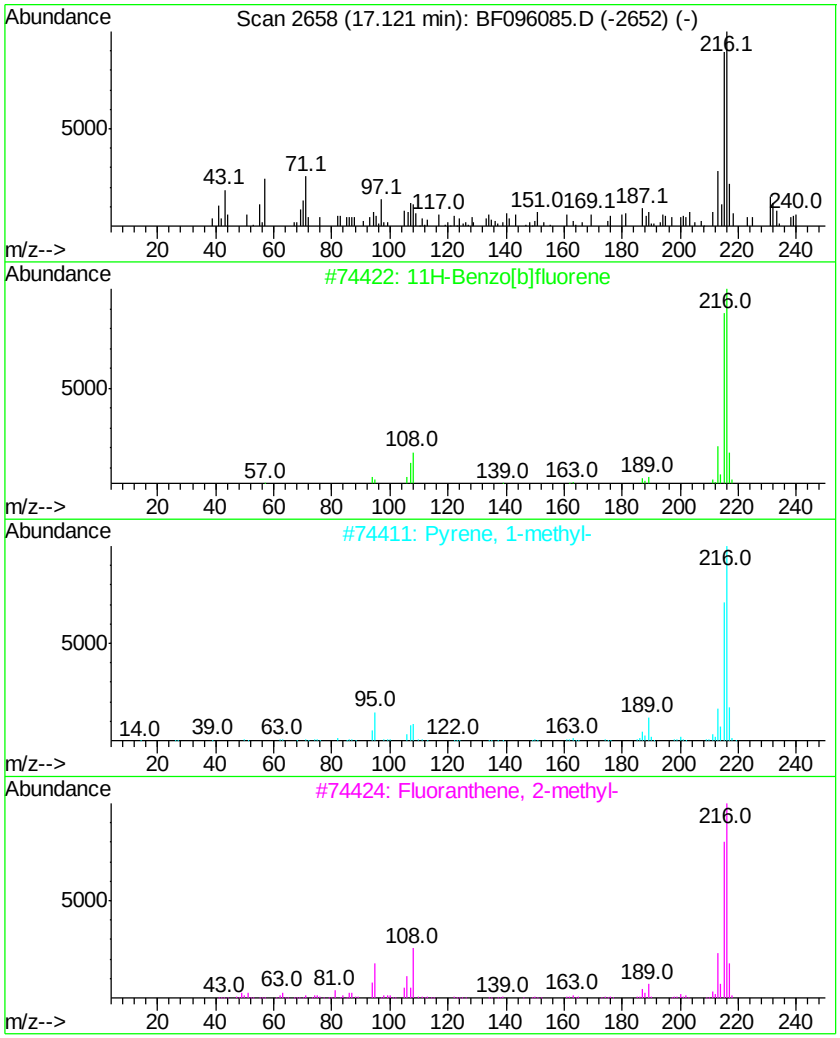
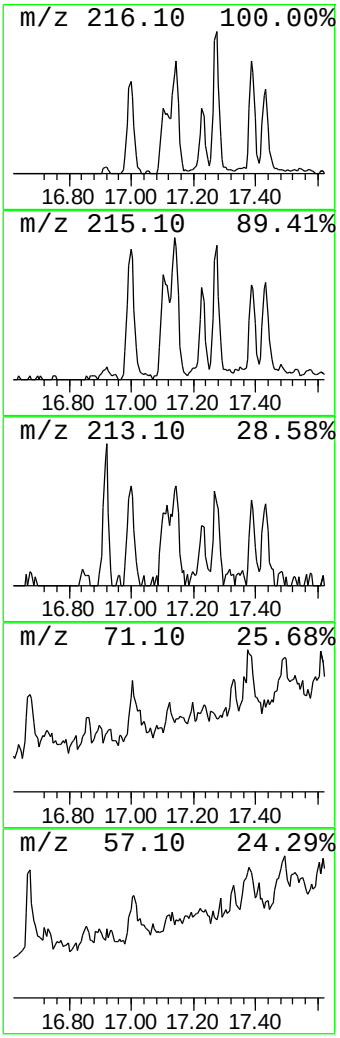
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.83 ng	107851	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	62





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Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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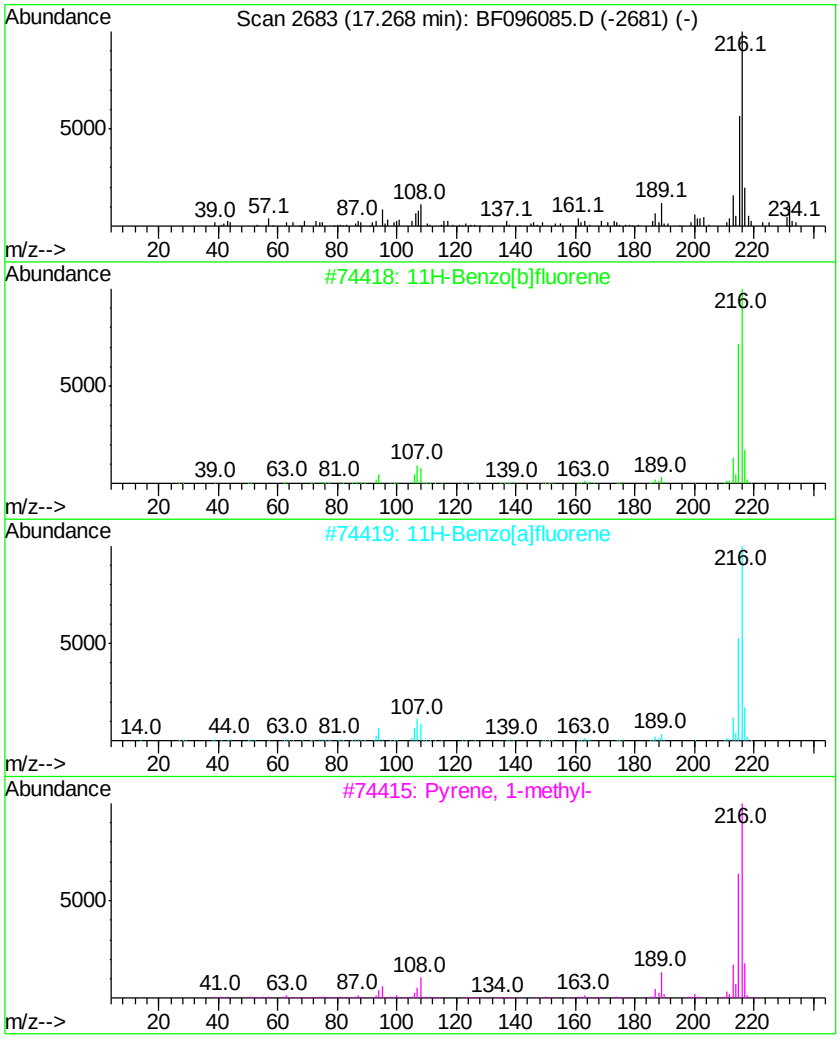
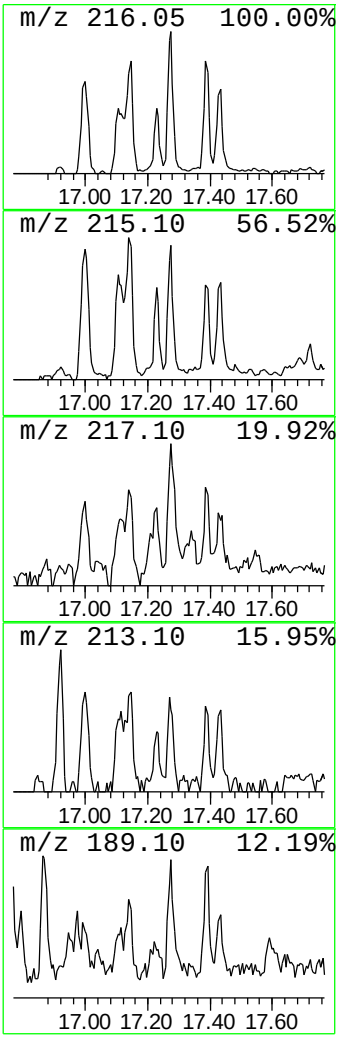
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.68 ng	140476	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86





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Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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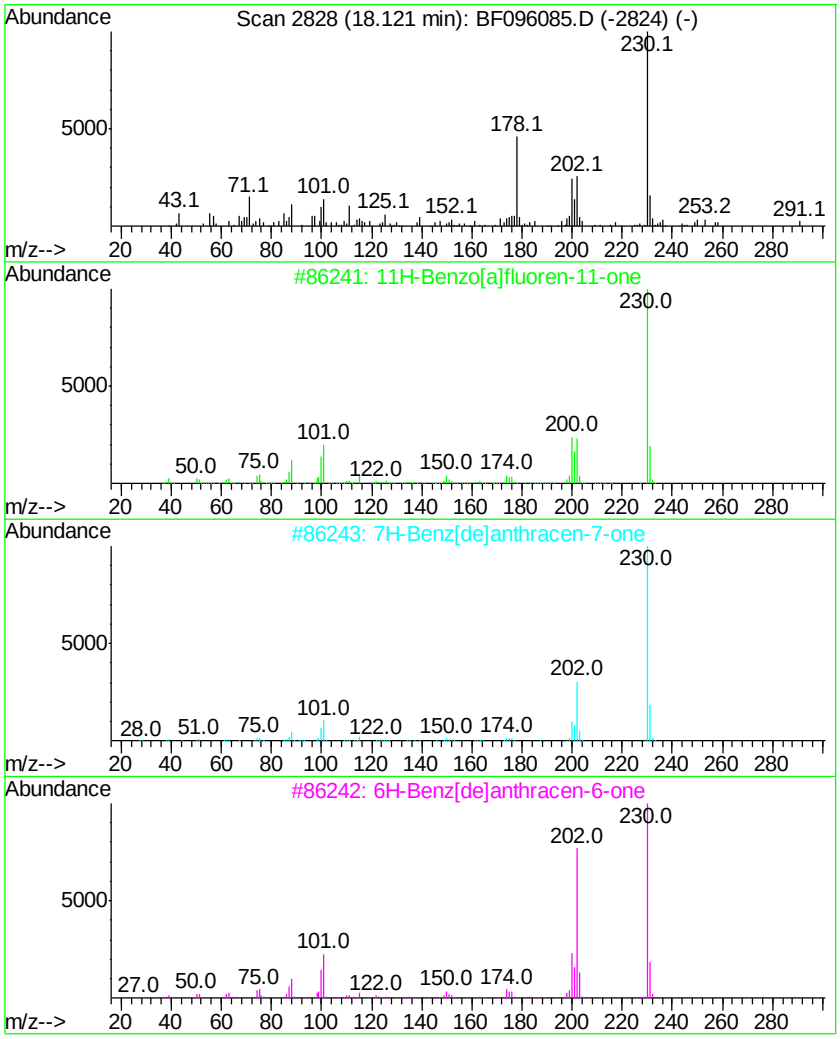
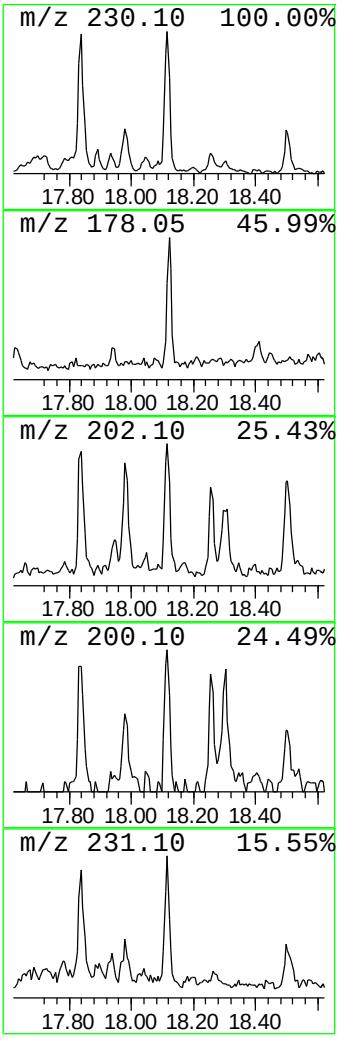
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.50 ng	95416	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	[1,2,4]Triazolo[5,1-b]quinazolin...	258	C10H9F3N4O	1000337-75-2	47





Tentatively Identified Compound (LSC) summary

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Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.46	10.2	ng	234464	1	7.29	458675	20.0
unknown6.95	6.95	89.0	ng	2040710	1	7.29	458675	20.0
Pentadecane	13.77	2.9	ng	81297	4	14.53	557345	20.0
Phenanthrene, 1-m...	15.34	3.3	ng	92700	4	14.53	557345	20.0
Anthracene, 2-met...	15.39	4.0	ng	110217	4	14.53	557345	20.0
4H-Cyclopenta[def...	15.50	3.1	ng	87908	4	14.53	557345	20.0
n-Hexadecanoic acid	15.56	4.4	ng	123308	4	14.53	557345	20.0
Naphthalene, 2-ph...	15.80	3.1	ng	85865	4	14.53	557345	20.0
9,10-Anthracenedione	15.87	3.3	ng	91633	4	14.53	557345	20.0
9,10-Dimethylanth...	16.16	3.1	ng	85603	4	14.53	557345	20.0
unknown16.20	16.20	2.4	ng	67938	4	14.53	557345	20.0
Cyclopenta(def)ph...	16.29	3.4	ng	94299	4	14.53	557345	20.0
11H-Benzo[b]fluorene	17.00	2.2	ng	82356	5	18.27	762510	20.0
Pyrene, 1-methyl-	17.12	2.8	ng	107851	5	18.27	762510	20.0
Pyrene, 2-methyl-	17.27	3.7	ng	140476	5	18.27	762510	20.0
11H-Benzo[a]fluor...	18.12	2.5	ng	95416	5	18.27	762510	20.0