LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096083.D
Acq On : 21 Jun 2017 14:27
Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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	1.552	9	11	43	rVV	664728	1427761	51.19%	4.389%
2	1.752	43	45	60	rVB	72767	136555	4.90%	0.420%
3	4.463	503	506	536	rBV2	99834	359054	12.87%	1.104%
4	5.181	624	628	663	rBV	932497	2124798	76.18%	6.532%
5	6.869	910	915	925	rBV	1236550	1982110	71.07%	6.093%
6	6.951	925	929	954	rVB	1547765	2561758	91.85%	7.875%
7	7.287	983	986	1000	rBV	349681	498211	17.86%	1.532%
8	7.528	1022	1027	1048	rBV	1367321	1851803	66.40%	5.693%
9	8.216	1139	1144	1163	rBV	846676	1322004	47.40%	4.064%
10	9.322	1328	1332	1347	rBV	454418	698554	25.05%	2.147%
11	11.104	1629	1635	1647	rBV	2156760	2789053	100.00%	8.574%
12	11.798	1749	1753	1765	rBV	226504	327626	11.75%	1.007%
13	11.922	1771	1774	1780	rVB	46094	59907	2.15%	0.184%
14	12.139	1806	1811	1817	rBV2	504390	674811	24.19%	2.074%
15	12.192	1817	1820	1826	rVB3	41776	64469	2.31%	0.198%
16	12.998	1954	1957	1961	rBV2	35629	41465	1.49%	0.127%
17	13.045	1961	1965	1974	rVB	36453	56199	2.01%	0.173%
18	13.439	2027	2032	2048	rVB	806687	1237279	44.36%	3.803%
19	13.768	2084	2088	2091	rBV2	31634	46931	1.68%	0.144%
20	14.474	2199	2208	2211	rBV	1292170	1896145	67.99%	5.829%
21	14.533	2214	2218	2221	rVV	504358	650750	23.33%	2.000%
22	14.568	2221	2224	2234	rVV2	828419	1133230	40.63%	3.484%
23	14.663	2234	2240	2249	rVB2	93853	199031	7.14%	0.612%
24	14.898	2277	2280	2285	rBV	61684	73487	2.63%	0.226%
25	14.986	2292	2295	2301	rBV	33695	48803	1.75%	0.150%
26	15.345	2353	2356	2360	rBV	78890	91254	3.27%	0.281%
27	15.392	2360	2364	2369	rVV	99126	112053	4.02%	0.344%
28	15.468	2372	2377	2379	rBV3	30663	41242	1.48%	0.127%
29	15.498	2379	2382	2387	rVV2	90026	144855	5.19%	0.445%
30	15.568	2387	2394	2403	rVB3	210952	356677	12.79%	1.096%
31	15.798	2429	2433	2437	rVB2	60838	78818	2.83%	0.242%
32	15.880	2444	2447	2454	rBV3	44230	88400	3.17%	0.272%
33	16.015	2466	2470	2474	rVB5	27851	42868	1.54%	0.132%
34	16.062	2474	2478	2482	rBV2	30467	47684	1.71%	0.147%

LSC Area Percent Report

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Acq On : 21 Jun 2017 14:27
Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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	16.162	2491	2495	2499	rBV	67997	87483	3.14%	0.269%
36	16.204	2499	2502	2506	rVV6	32882	48927	1.75%	0.150%
37	16.292	2512	2517	2520	rBV4	44331	71818	2.57%	0.221%
38	16.362	2524	2529	2535	rVV	767319	903433	32.39%	2.777%
39	16.409	2535	2537	2542	rVB2	30018	32910	1.18%	0.101%
40	16.562	2559	2563	2567	rVB	35567	48739	1.75%	0.150%
41	16.668	2576	2581	2591	rBV2	969892	1759340	63.08%	5.408%
42	16.868	2613	2615	2619	rVB	37503	35053	1.26%	0.108%
43	16.921	2619	2624	2631	rVV	1381993	1761434	63.16%	5.415%
44	16.998	2635	2637	2643	rVB2	43655	62139	2.23%	0.191%
45	17.115	2652	2657	2659	rBV5	47552	84422	3.03%	0.260%
46	17.145	2659	2662	2666	rVB	72319	96366	3.46%	0.296%
47	17.227	2673	2676	2681	rVB	50492	57253	2.05%	0.176%
48	17.274	2681	2684	2689	rBV2	88614	140849	5.05%	0.433%
49	17.386	2700	2703	2707	rVB2	38863	47888	1.72%	0.147%
50	17.433	2708	2711	2713	rBV	27411	28816	1.03%	0.089%
51	17.468	2714	2717	2724	rVB4	52196	67881	2.43%	0.209%
52	17.586	2733	2737	2742	rBV6	25559	47882	1.72%	0.147%
53	17.839	2777	2780	2785	rVB	60683	71750	2.57%	0.221%
54	17.945	2795	2798	2800	rBV	41822	45746	1.64%	0.141%
55	17.974	2800	2803	2807	rVV2	56288	76721	2.75%	0.236%
56	18.009	2807	2809	2813	rVV	39922	44268	1.59%	0.136%
57	18.051	2813	2816	2820	rVB	32690	34596	1.24%	0.106%
58	18.115	2824	2827	2831	rBV2	58435	72946	2.62%	0.224%
59	18.174	2834	2837	2844	rVV5	89137	149686	5.37%	0.460%
60	18.262	2847	2852	2856	rVV2	566650	876124	31.41%	2.693%
61	18.303	2856	2859	2870	rVV2	241306	441150	15.82%	1.356%
62	18.398	2871	2875	2878	rVV3	46581	66250	2.38%	0.204%
63	18.780	2937	2940	2944	rBV3	49153	68205	2.45%	0.210%
64	19.539	3065	3069	3072	rBV	360413	490044	17.57%	1.506%
65	19.656	3086	3089	3092	rBV	48952	60455	2.17%	0.186%
66	19.827	3115	3118	3123	rVB	204085	217818	7.81%	0.670%
67	19.886	3125	3128	3134	rBV	270348	296082	10.62%	0.910%
68	19.939	3134	3137	3141	rBV2	319608	403128	14.45%	1.239%
69	21.109	3332	3336	3342	rVB2	130359	212674	7.63%	0.654%
70	21.433	3387	3391	3399	rVB	108042	212818	7.63%	0.654%
71	23.097	3670	3674	3679	rBV3	19765	41334	1.48%	0.127%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

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Peak separation: 5

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

Sum of corrected areas: 32530073

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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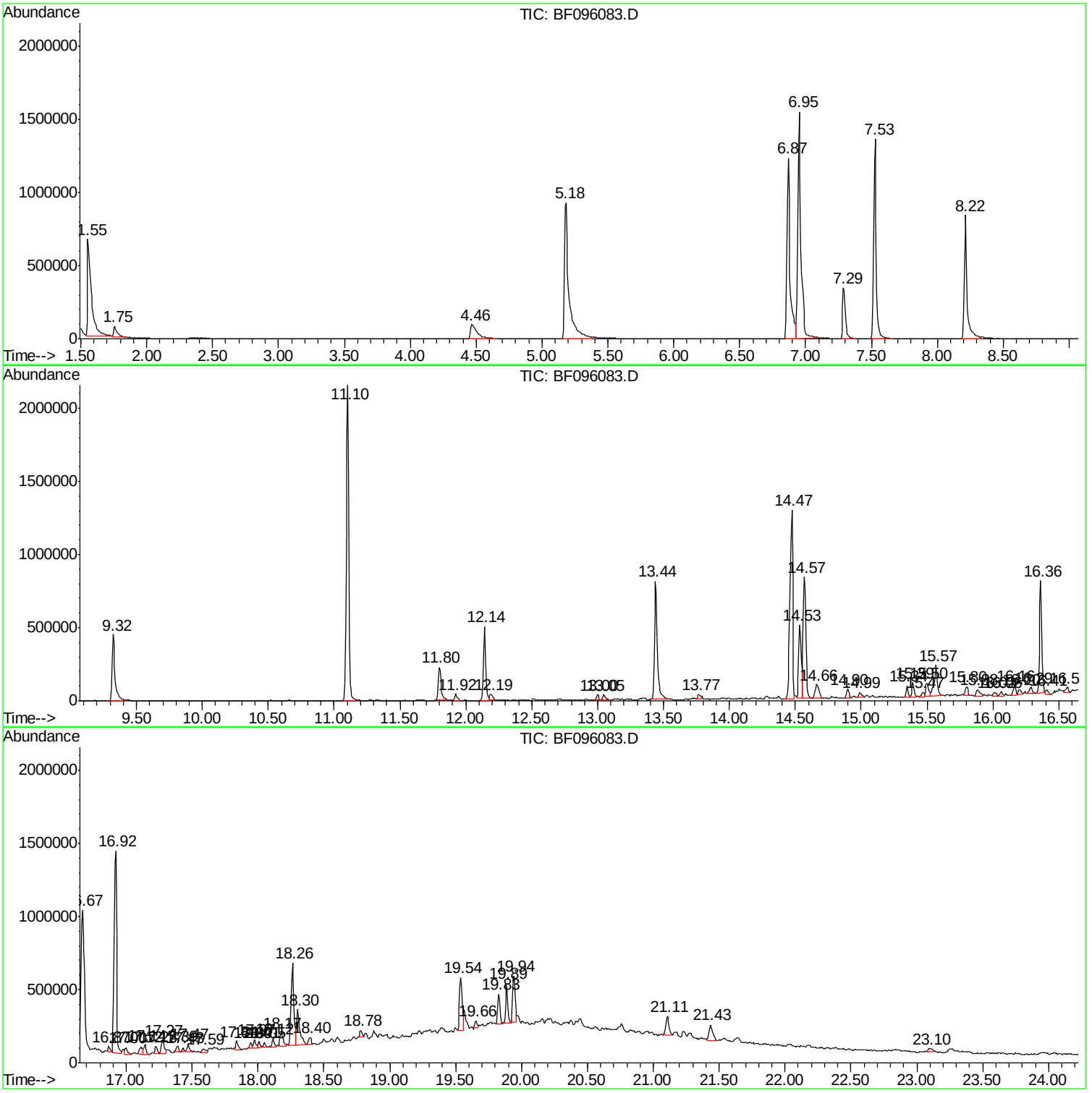
Instrument :
BNA_F
ClientSampleId :
TK4-4-20170619

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Operator : SJ/MA
Sample : I3782-06
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

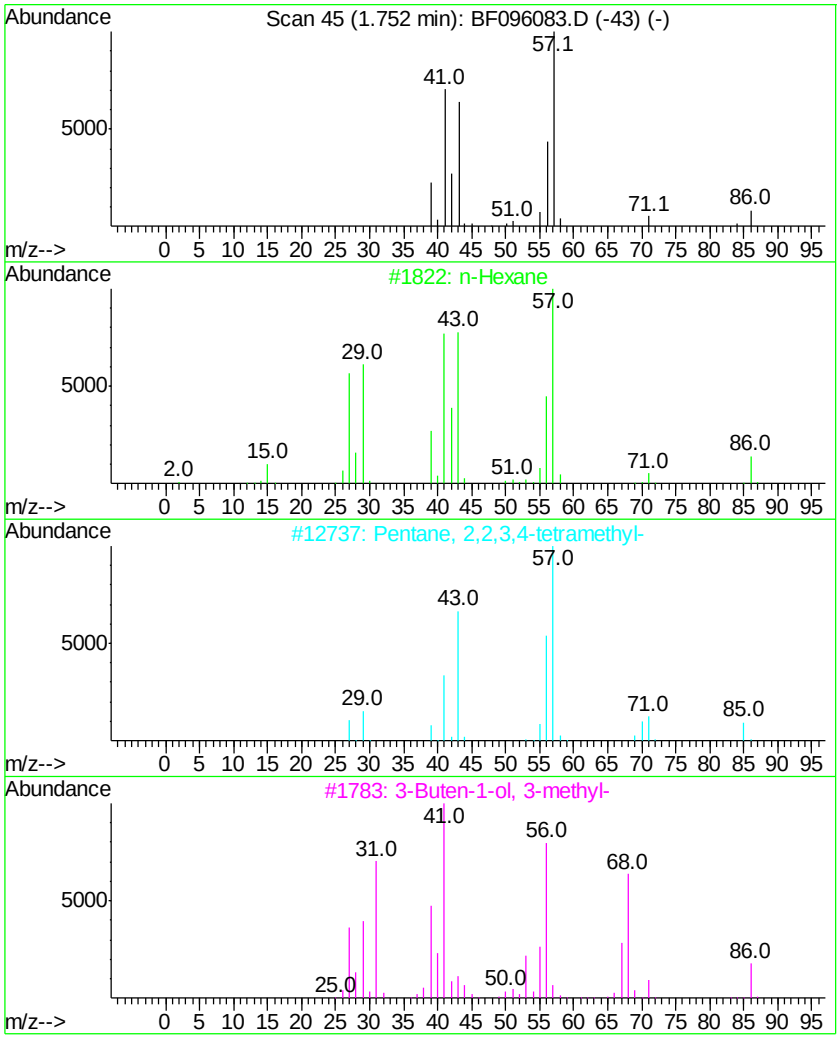
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

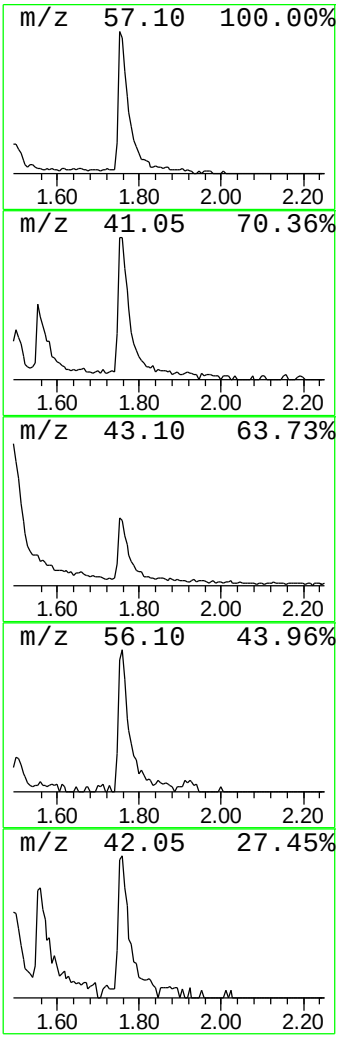
****

Peak Number 2 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	5.48 ng	136555	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	36
3	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	25
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5	Borinic acid, diethyl-	86	C4H11BO	004426-31-7	9





Library Search Compound Report

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Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

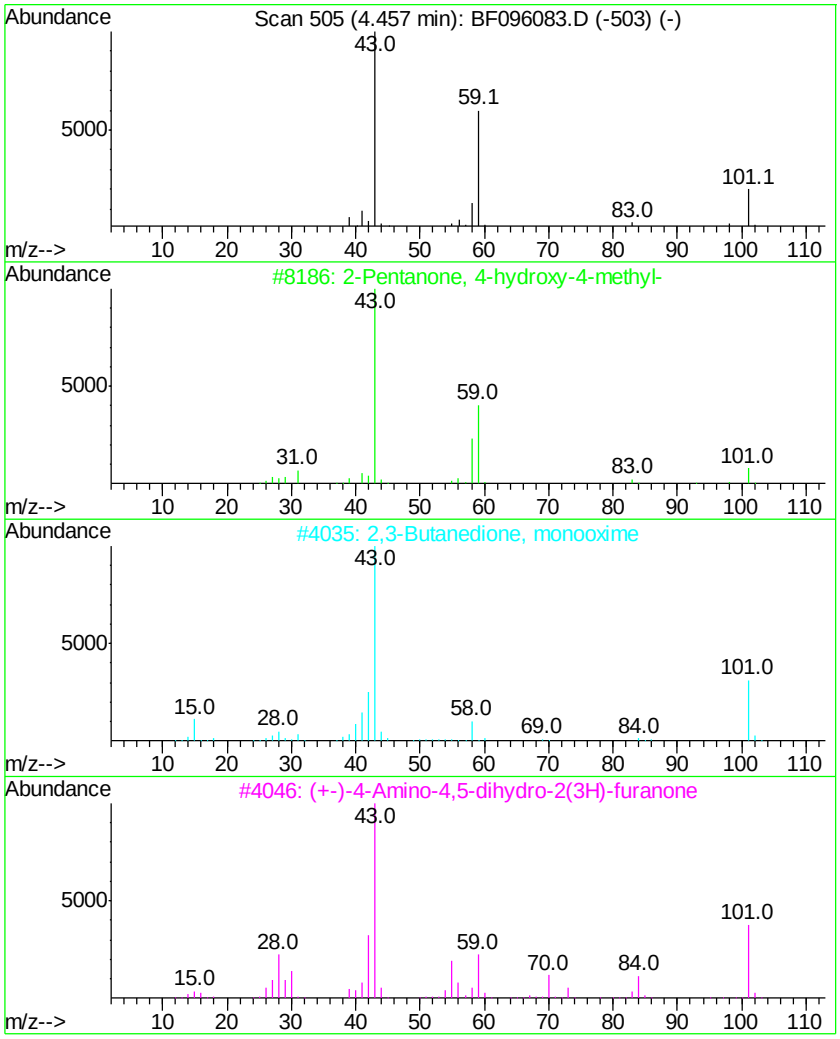
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

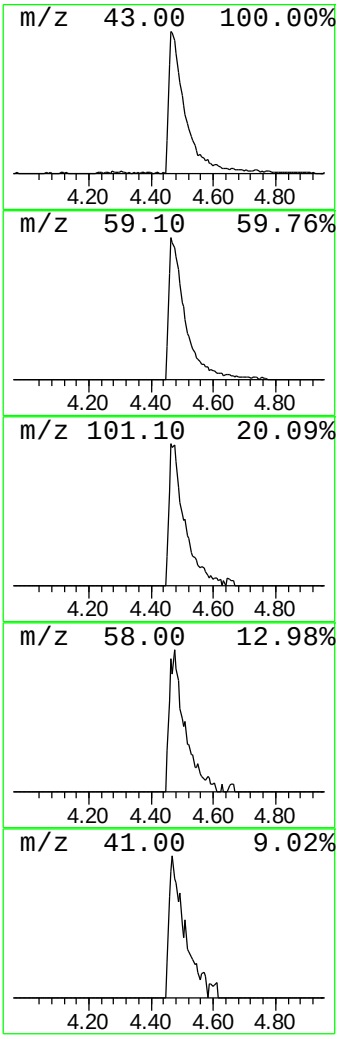
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	14.41 ng	359054	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Acq On : 21 Jun 2017 14:27
Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

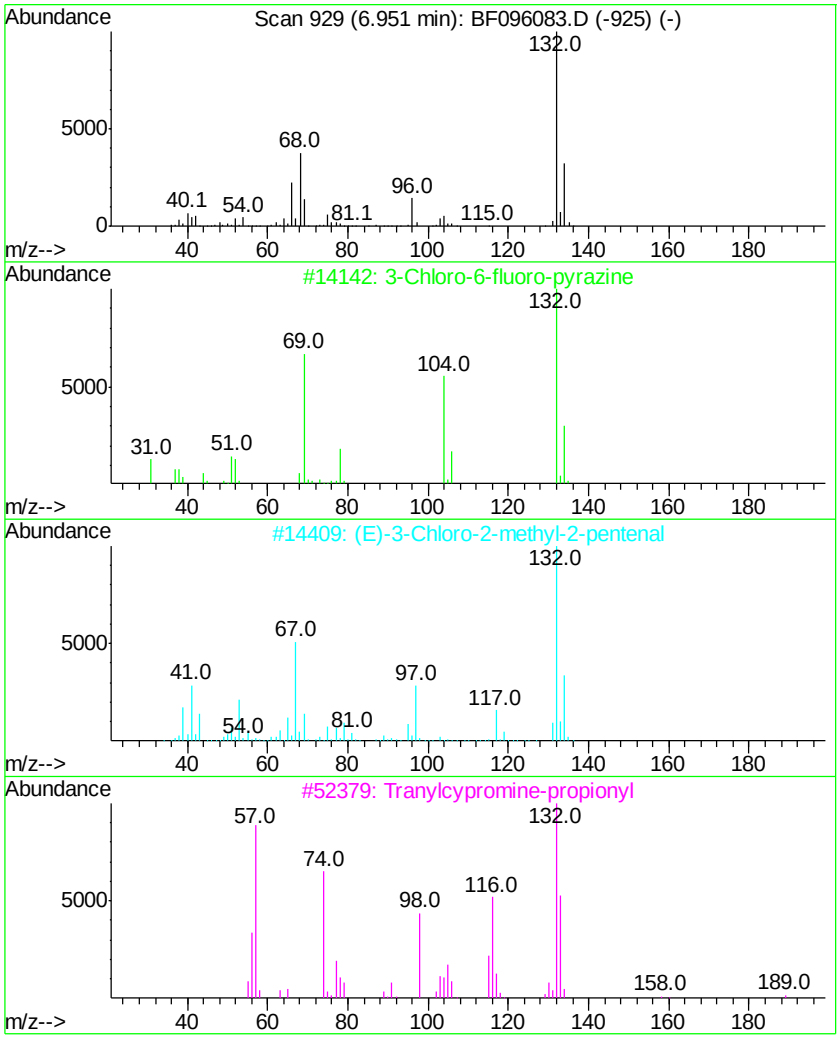
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

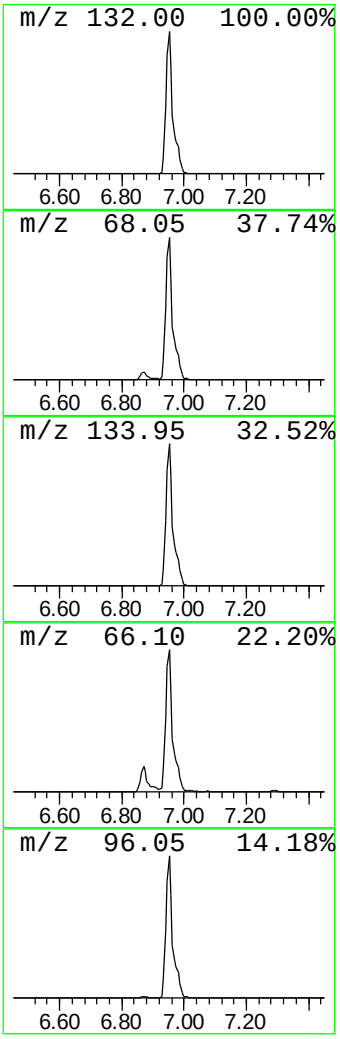
****

Peak Number 4 unknown6.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	102.84 ng	2561760	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

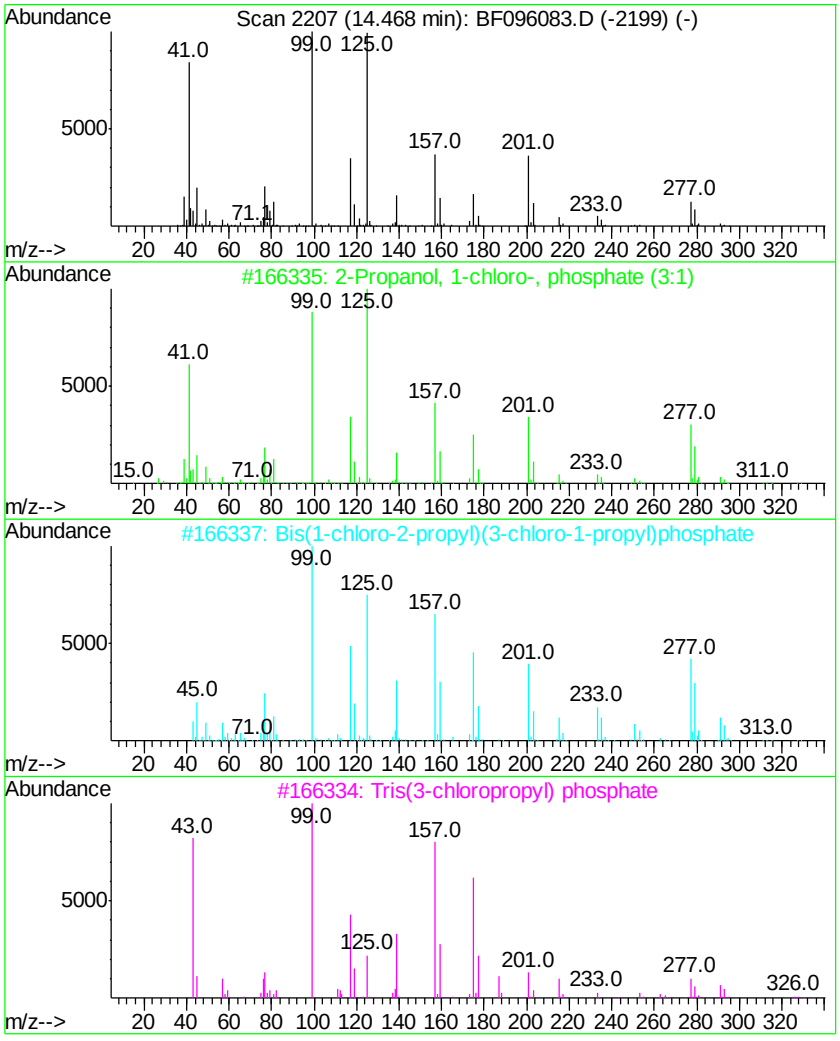
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

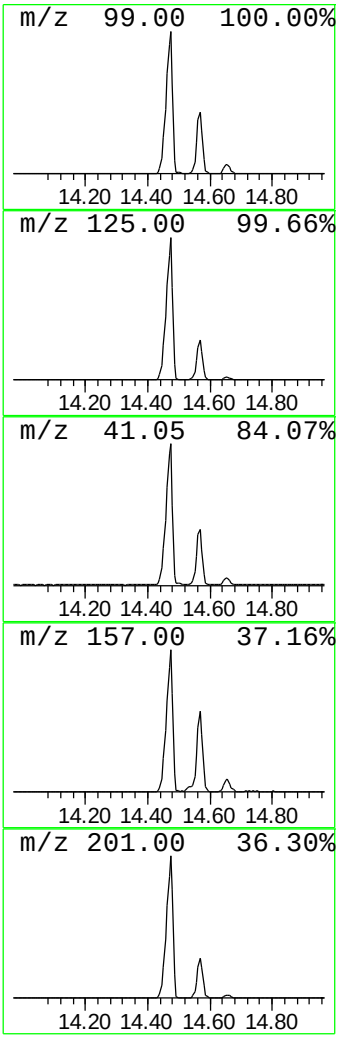
****

Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	58.28 ng	1896150	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	49
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	43
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
5	Cholestan-3,22,26-triol	420	C27H48O3	1000252-39-8	12





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Misc :
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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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

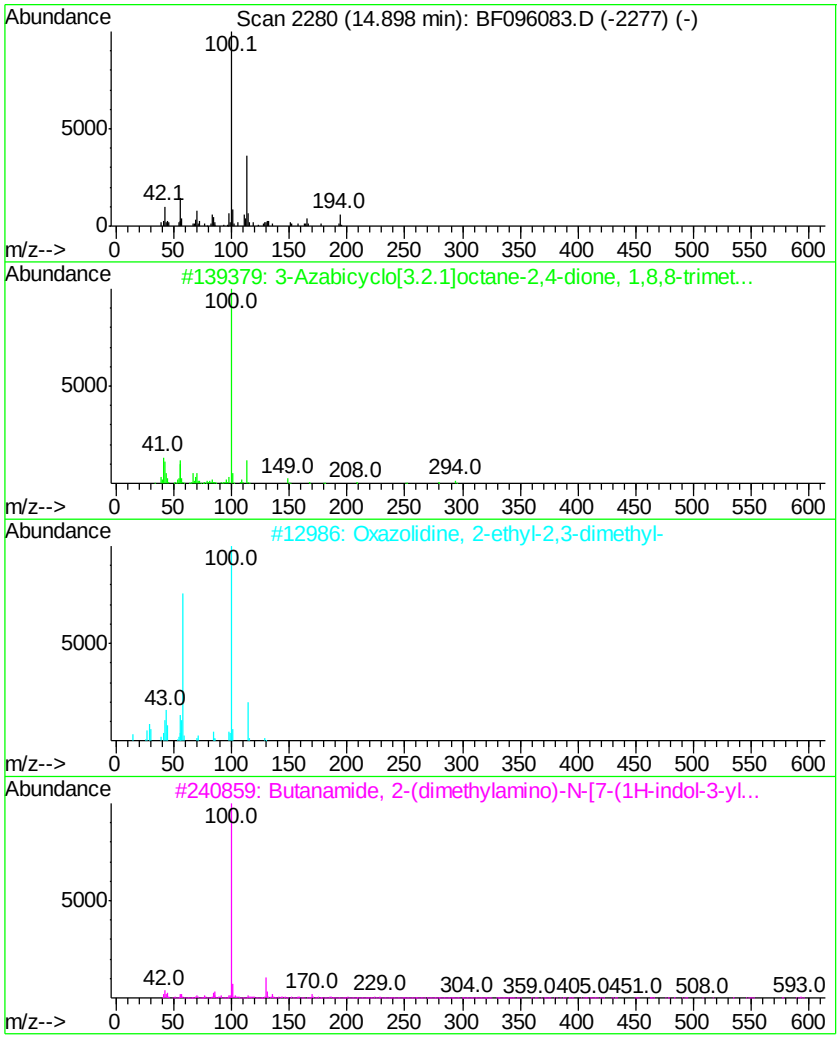
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

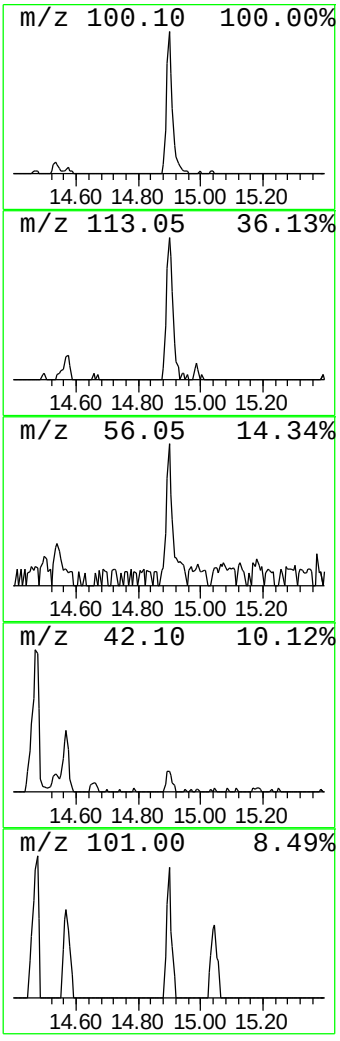
****

Peak Number 8 3-Azabicyclo[3.2.1]octane-2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.26 ng	73487	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Azabicyclo[3.2.1]octane-2,4-di...	294	C16H26N2O3	1000318-90-2	53
2	Oxazolidine, 2-ethyl-2,3-dimethyl-	129	C7H15NO	089855-05-0	52
3	Butanamide, 2-(dimethylamino)-N-...	593	C35H39N5O4	018397-13-2	50
4	Morpholine, 4-(2-chloroethyl)-	149	C6H12ClNO	003240-94-6	50
5	1H-Indole-3-acetamide, N-[2-(4-m...	301	C16H19N3O3	1000338-02-5	50





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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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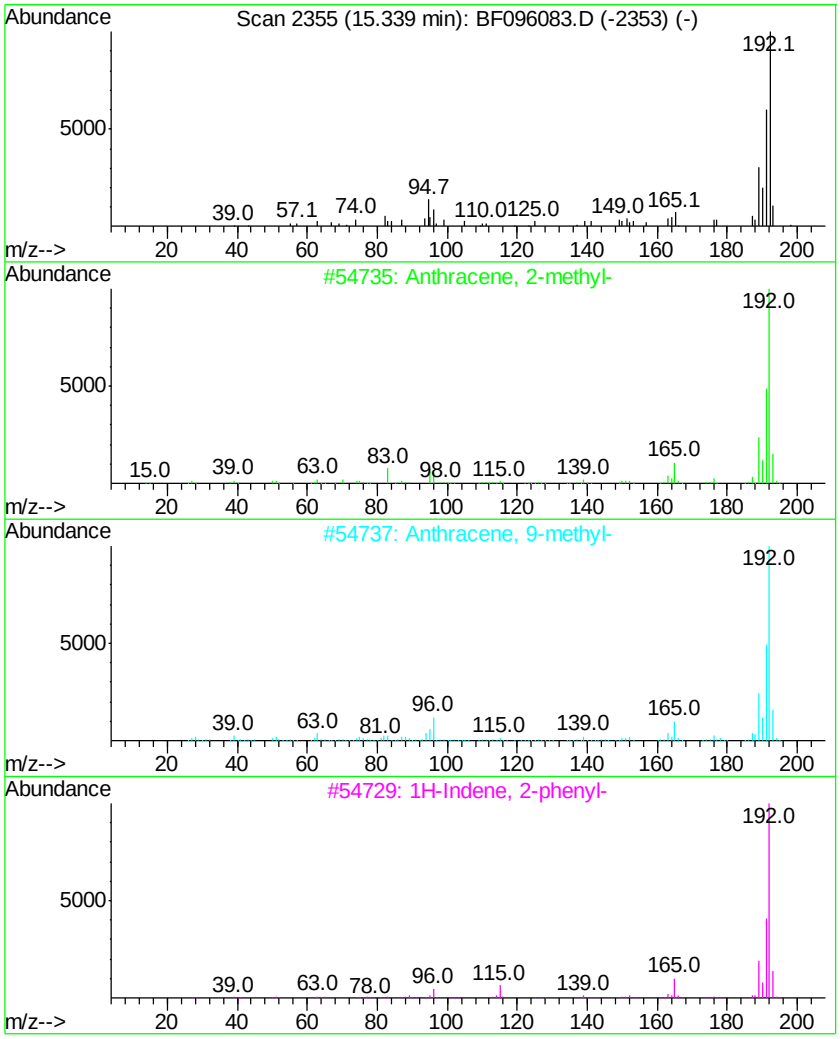
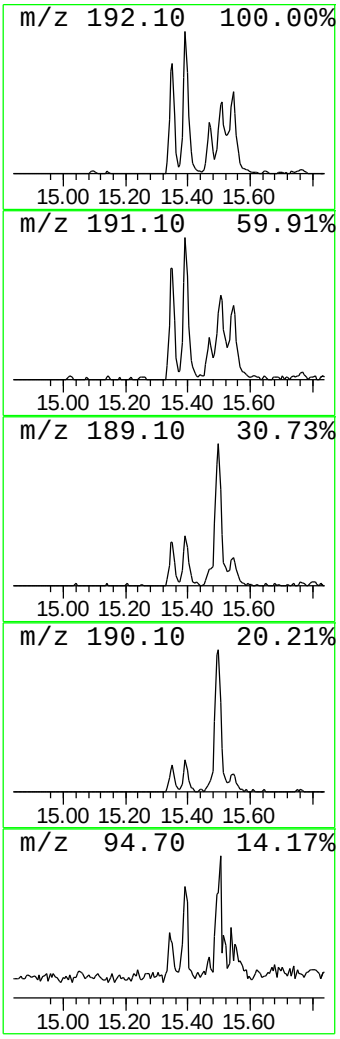
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.80 ng	91254	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83





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Sample : I3782-06
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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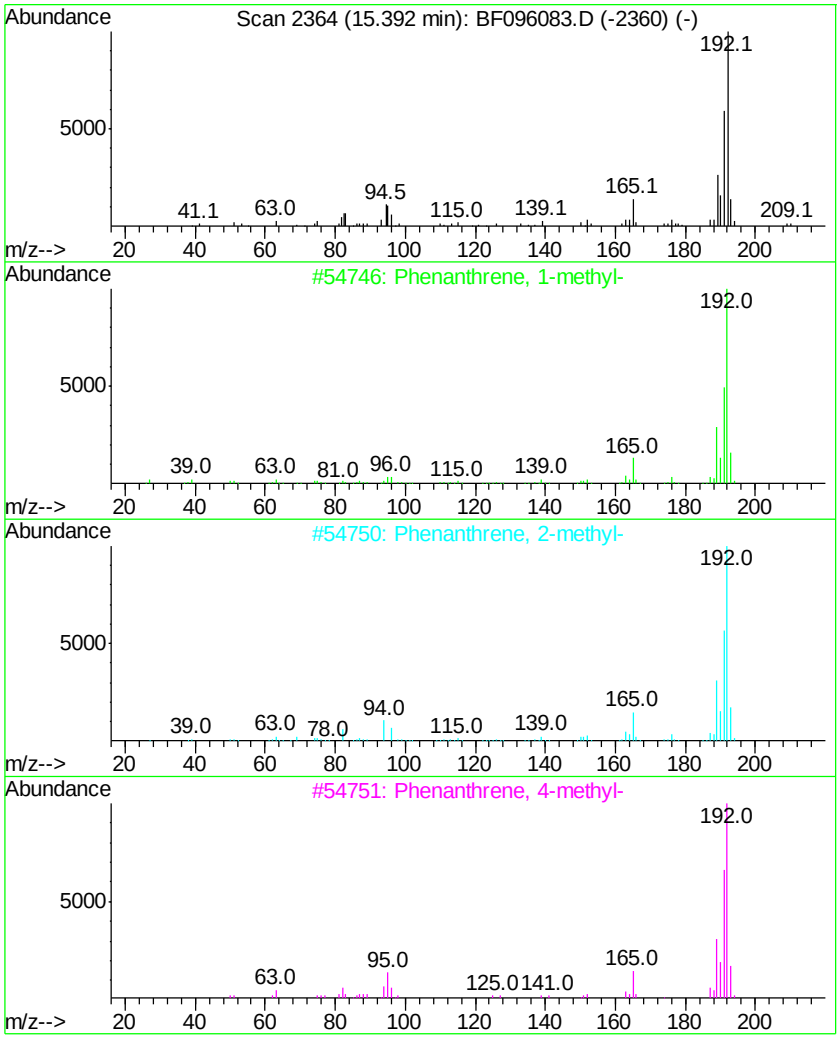
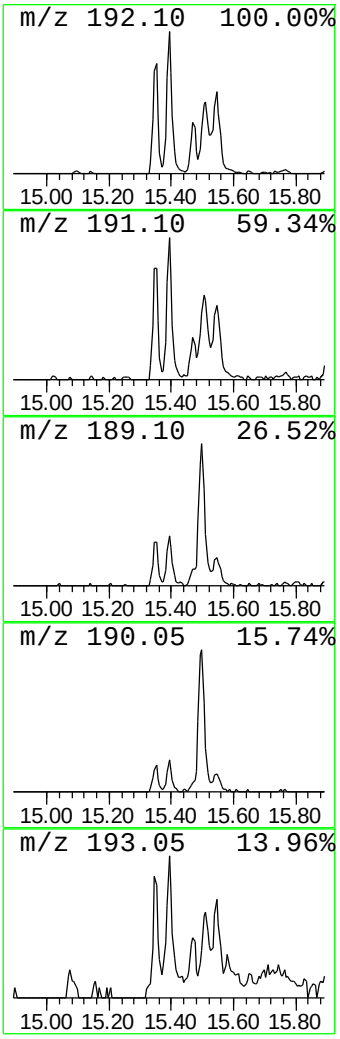
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.44 ng	112053	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BF096083.D
Acq On : 21 Jun 2017 14:27
Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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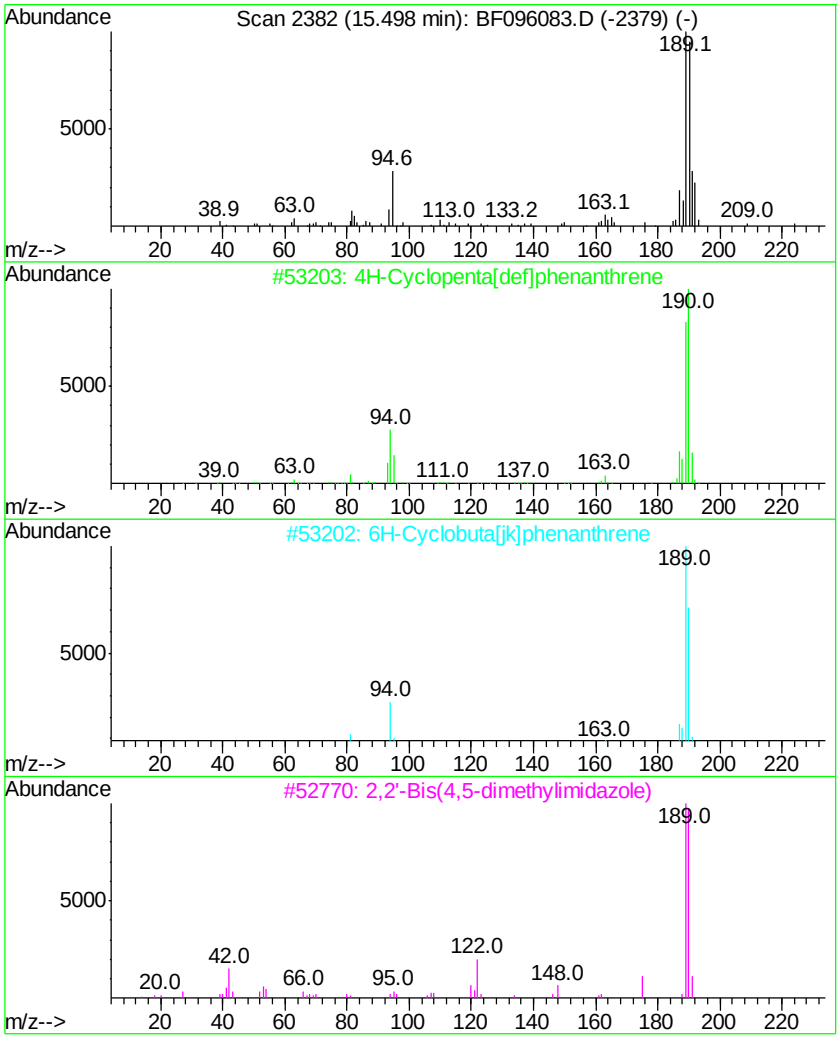
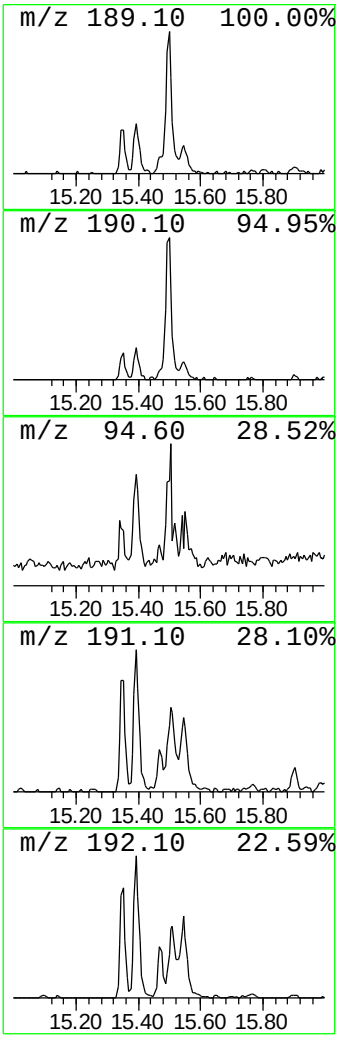
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	4.45 ng	144855	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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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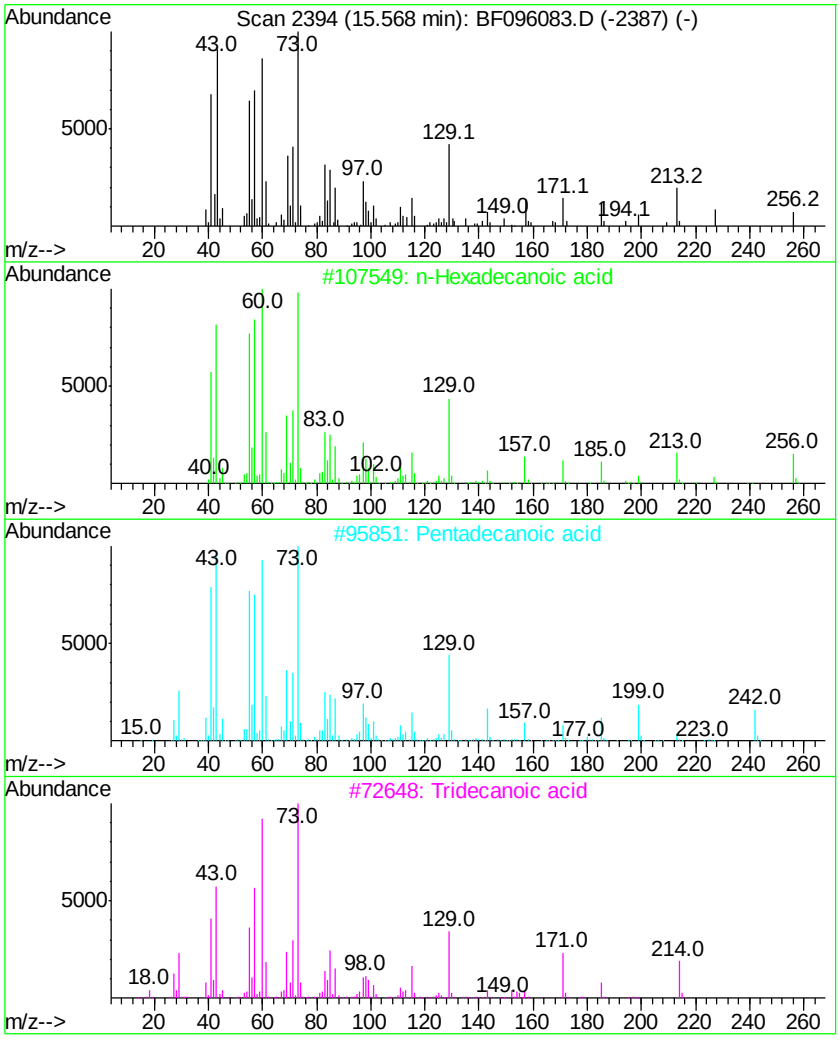
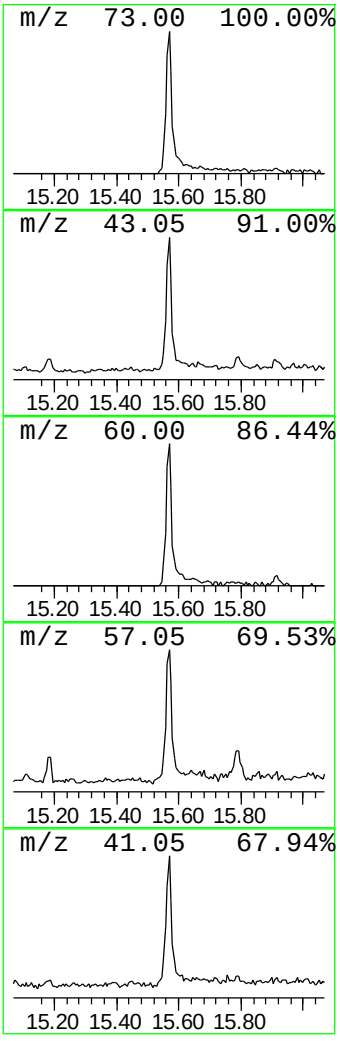
Peak Number 12 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	10.96 ng	356677	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : TK4-4-20170619

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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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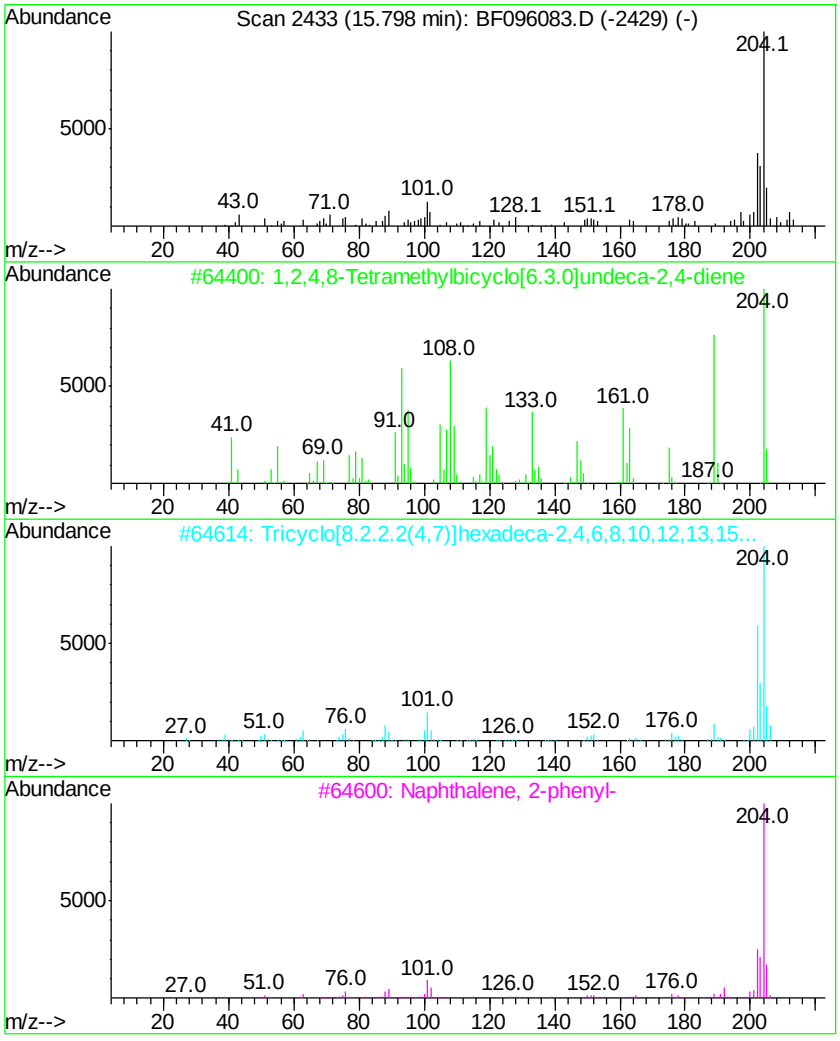
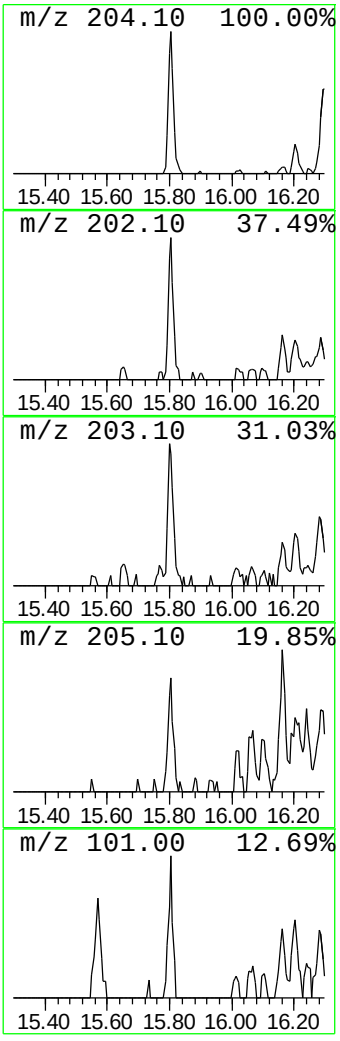
Peak Number 13 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.42 ng	78818	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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Sample : I3782-06
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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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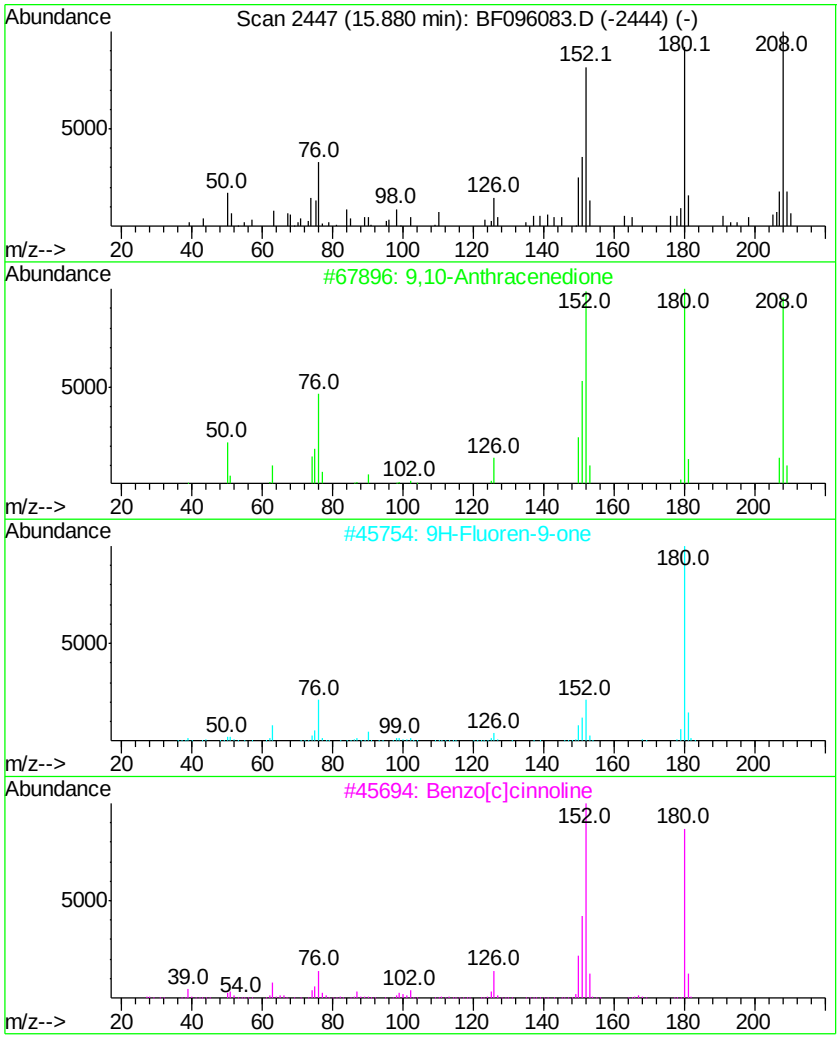
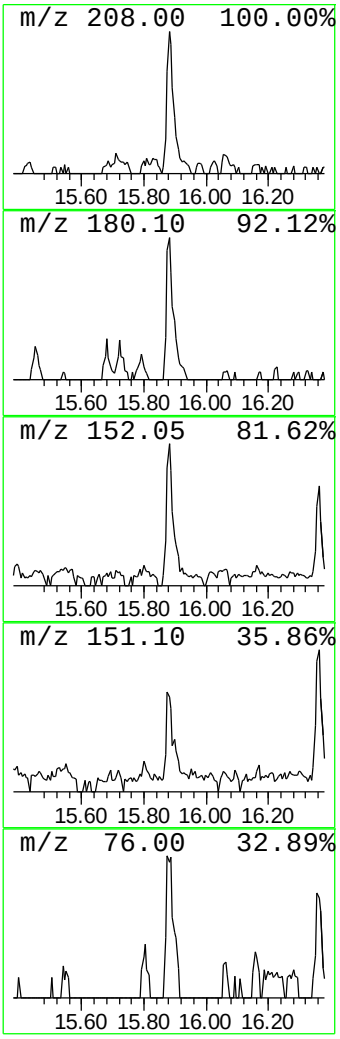
Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.72 ng	88400	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	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	47





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Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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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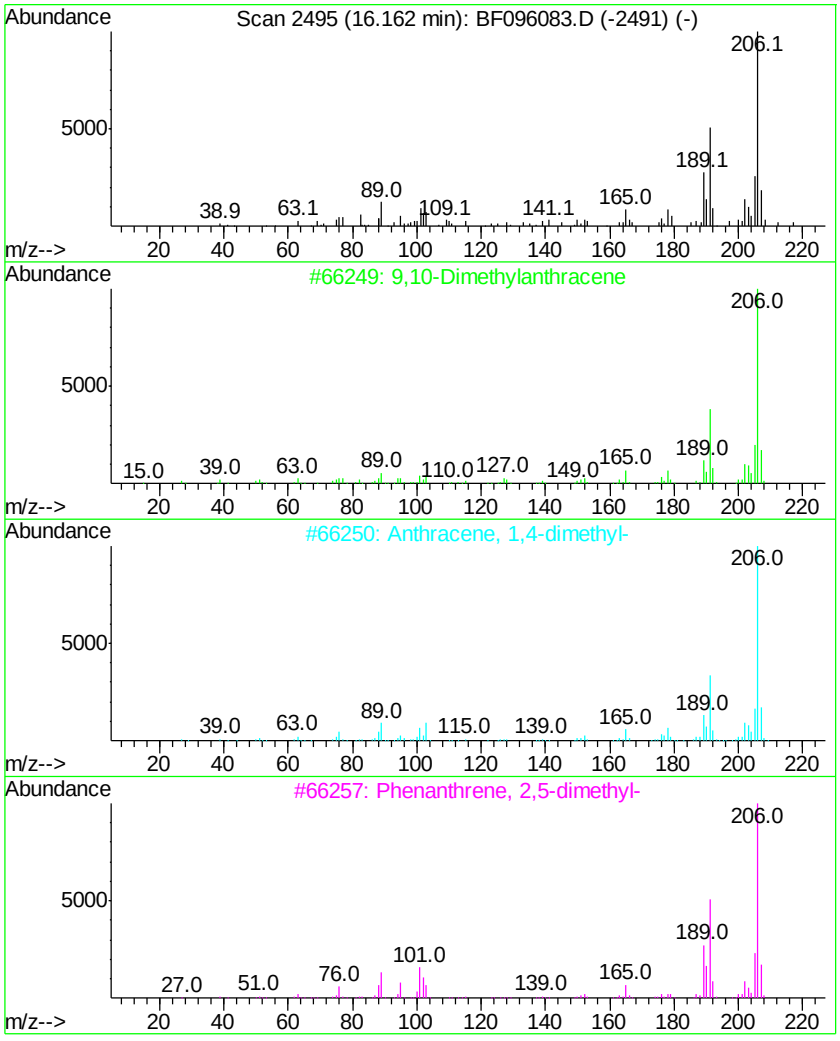
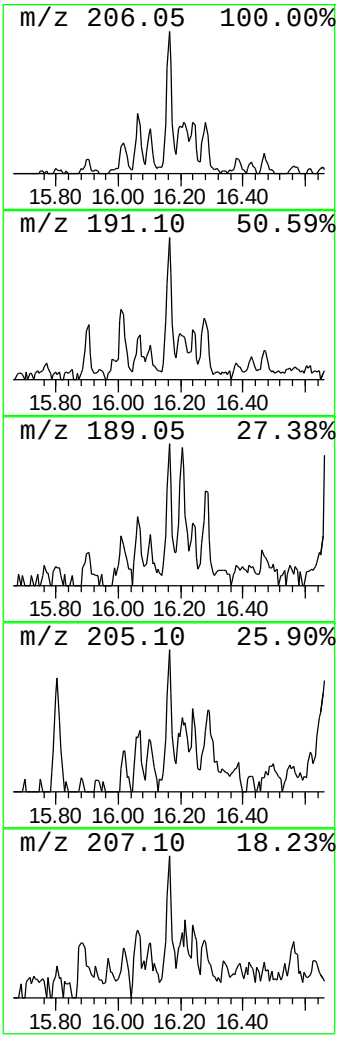
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.69 ng	87483	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Operator : SJ/MA
Sample : I3782-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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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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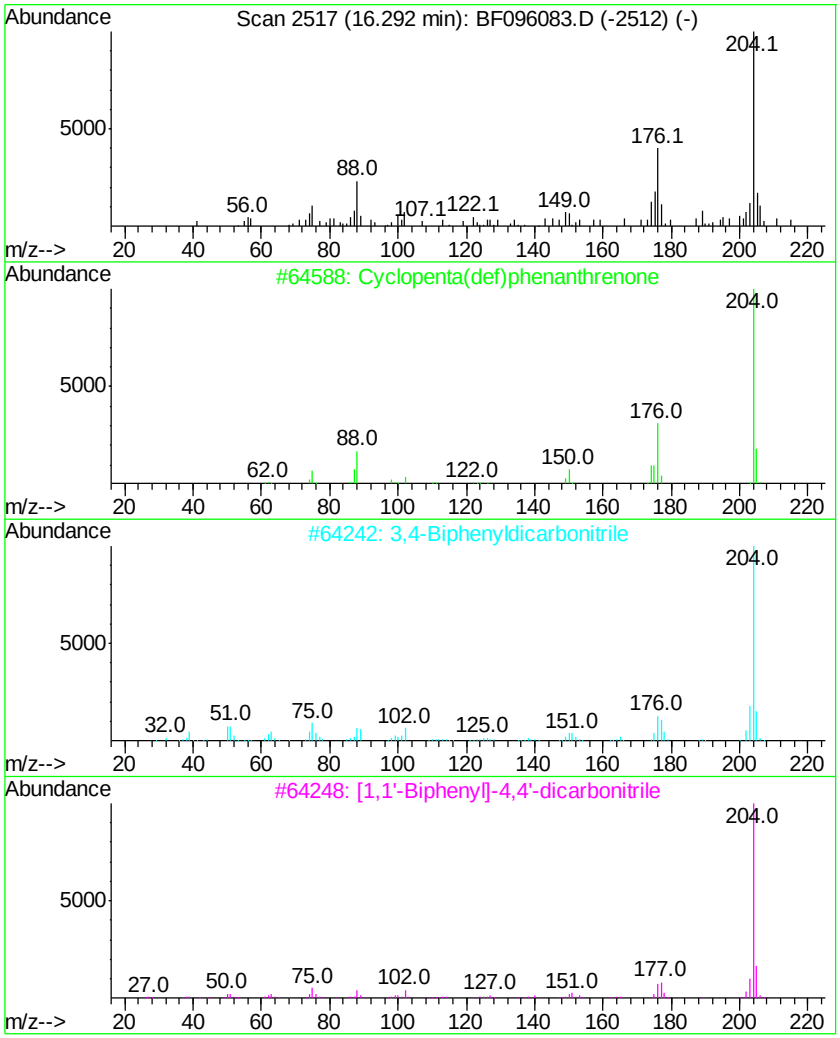
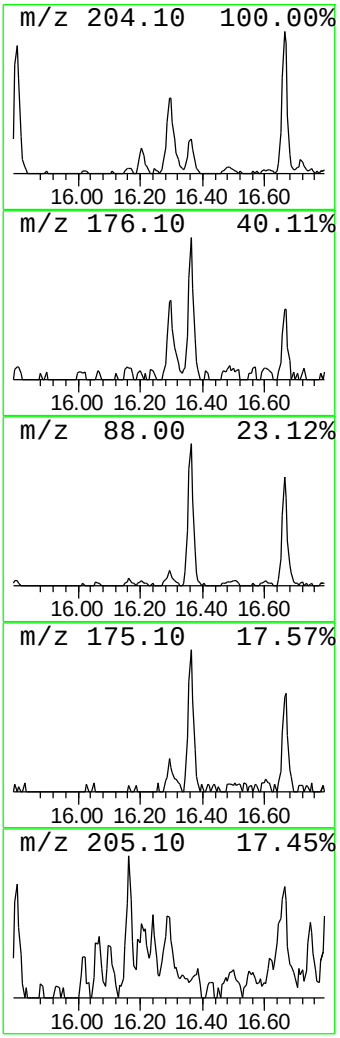
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.21 ng	71818	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45





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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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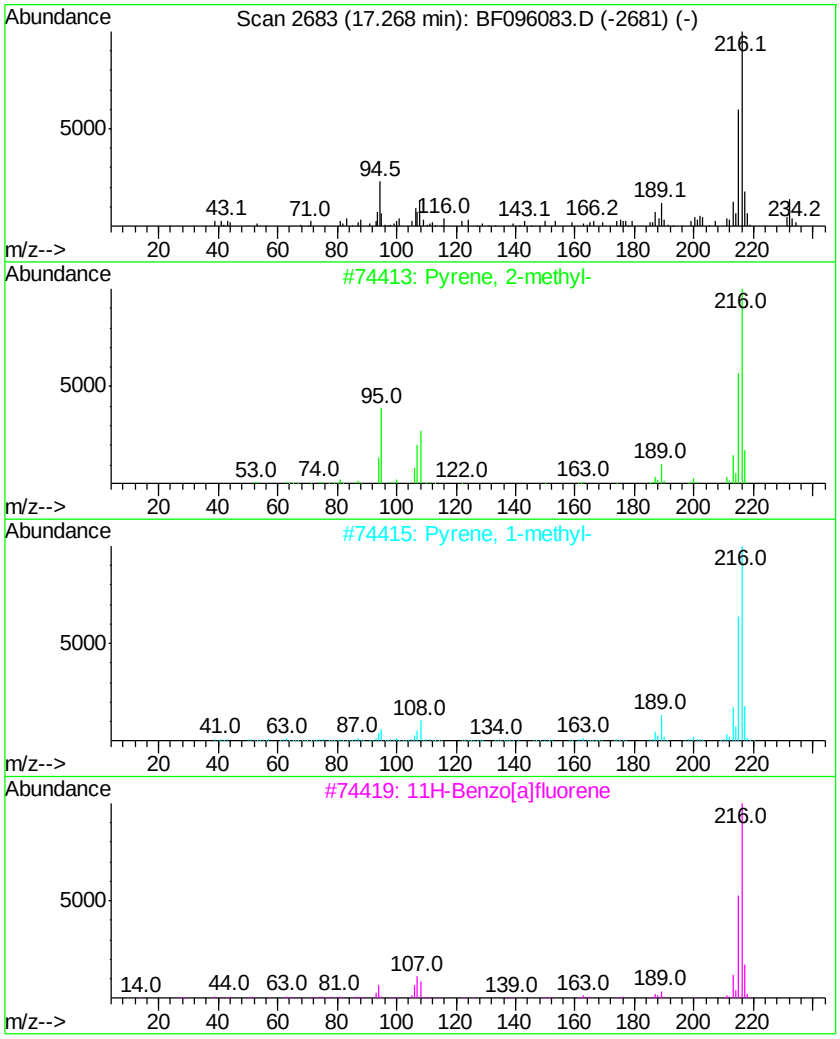
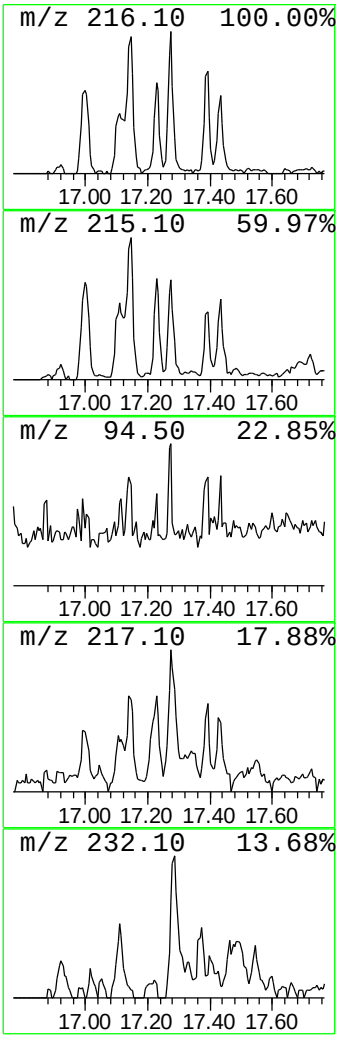
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.22 ng	140849	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	59
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55





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Instrument : BNA_F
ClientSampleId : TK4-4-20170619

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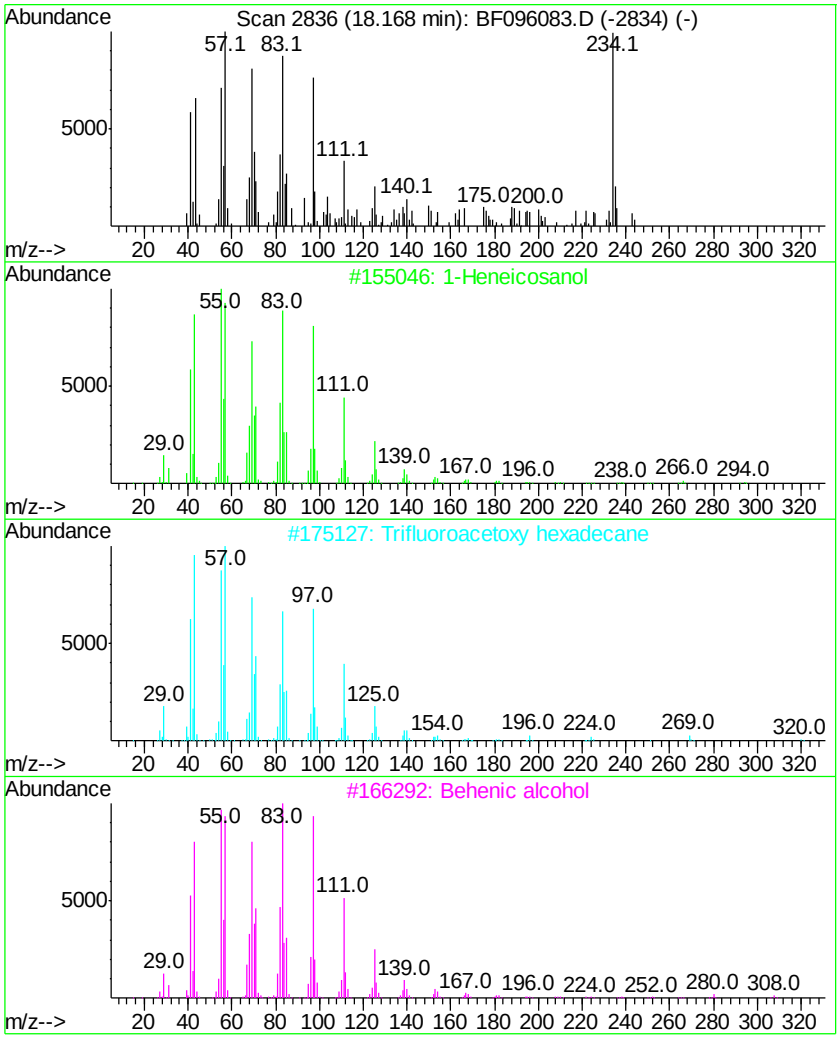
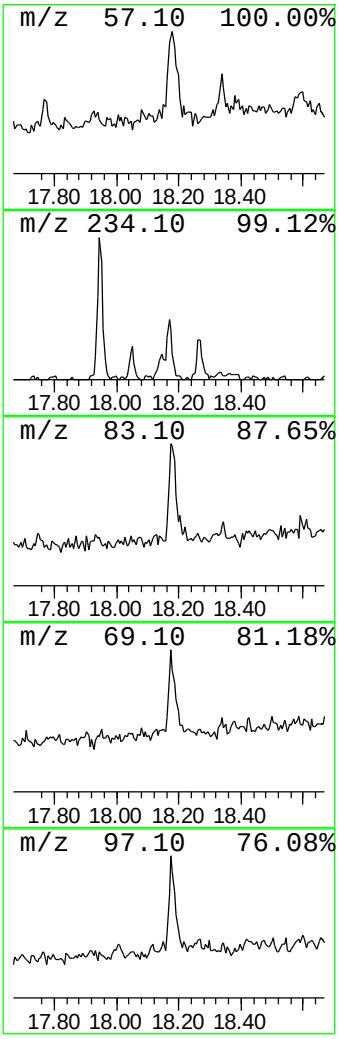
Peak Number 18 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.42 ng	149686	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





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TIC Library : C:\DATABASE\NIST11.L
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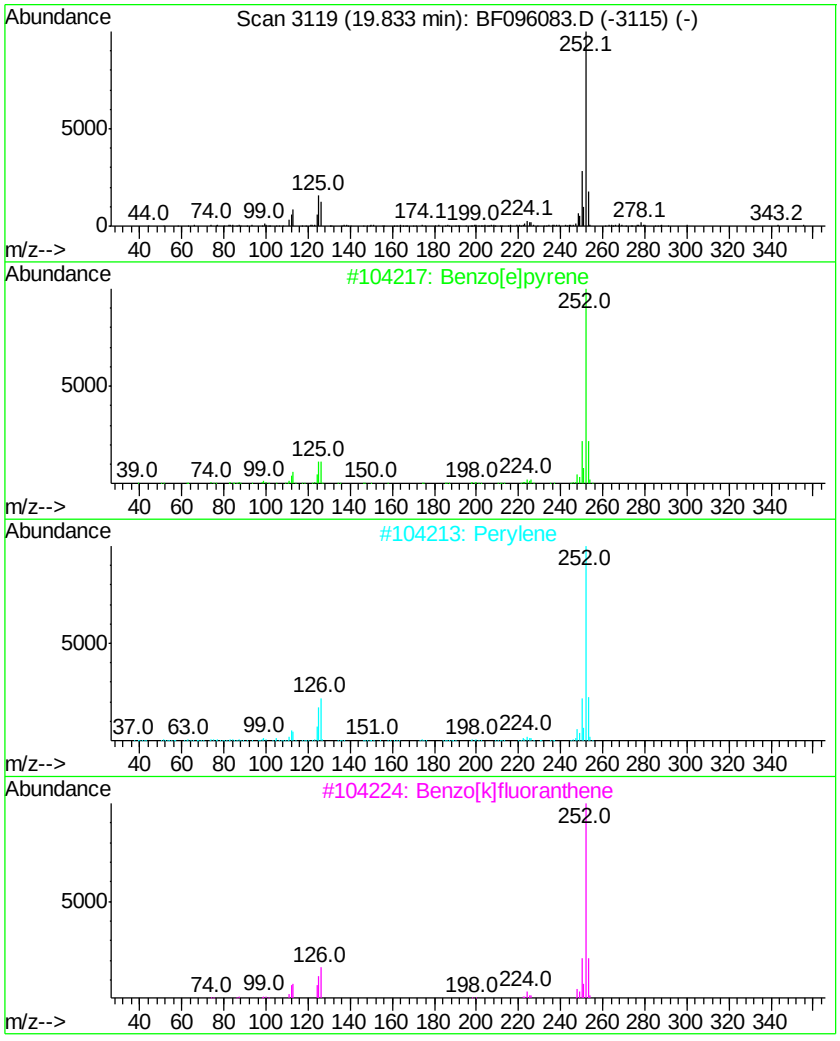
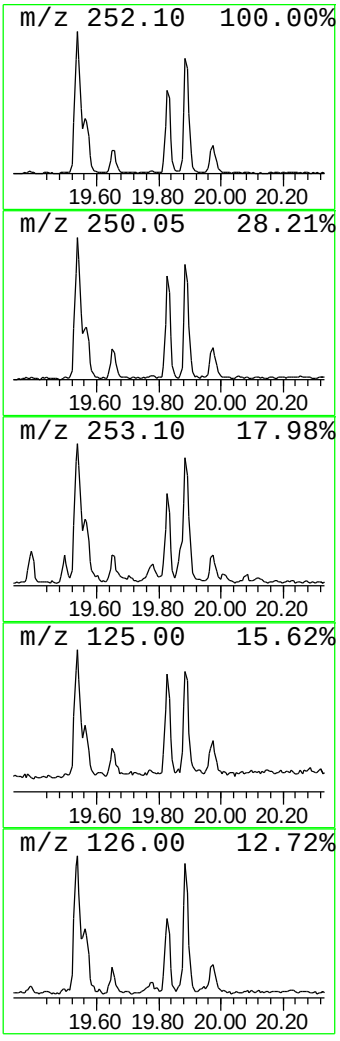
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	10.81 ng	217818	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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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
n-Hexane	1.75	5.5	ng	136555	1	7.29	498211	20.0
2-Pentanone, 4-hy...	4.46	14.4	ng	359054	1	7.29	498211	20.0
unknown6.95	6.95	102.8	ng	2561760	1	7.29	498211	20.0
2-Propanol, 1-chl...	14.47	58.3	ng	1896150	4	14.53	650750	20.0
3-Azabicyclo[3.2....	14.90	2.3	ng	73487	4	14.53	650750	20.0
Anthracene, 2-met...	15.34	2.8	ng	91254	4	14.53	650750	20.0
Phenanthrene, 1-m...	15.39	3.4	ng	112053	4	14.53	650750	20.0
4H-Cyclopenta[def...	15.50	4.5	ng	144855	4	14.53	650750	20.0
n-Hexadecanoic acid	15.57	11.0	ng	356677	4	14.53	650750	20.0
1,2,4,8-Tetrameth...	15.80	2.4	ng	78818	4	14.53	650750	20.0
9,10-Anthracenedione	15.88	2.7	ng	88400	4	14.53	650750	20.0
9,10-Dimethylanth...	16.16	2.7	ng	87483	4	14.53	650750	20.0
Cyclopenta(def)ph...	16.29	2.2	ng	71818	4	14.53	650750	20.0
Pyrene, 2-methyl-	17.27	3.2	ng	140849	5	18.27	876124	20.0
1-Heneicosanol	18.17	3.4	ng	149686	5	18.27	876124	20.0
Benzo[e]pyrene	19.83	10.8	ng	217818	6	19.94	403128	20.0