LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096005.D
Acq On : 19 Jun 2017 14:35
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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	1.557	10	12	44	rBV	1699108	3513797	100.00%	15.858%
2	5.263	639	642	648	rBV	24613	55193	1.57%	0.249%
3	6.945	924	928	934	rBV3	31248	76664	2.18%	0.346%
4	6.998	934	937	955	rVB2	81322	247890	7.05%	1.119%
5	7.304	985	989	1006	rBV	366391	522123	14.86%	2.356%
6	7.551	1027	1031	1050	rBV	79920	147271	4.19%	0.665%
7	8.269	1150	1153	1163	rBV	26855	72872	2.07%	0.329%
8	9.333	1330	1334	1338	rBV	603285	750386	21.36%	3.386%
9	9.369	1338	1340	1356	rVB	252874	398381	11.34%	1.798%
10	10.510	1530	1534	1548	rBV	88523	137769	3.92%	0.622%
11	10.663	1555	1560	1573	rVB	49227	82703	2.35%	0.373%
12	11.116	1633	1637	1650	rBV	198163	255828	7.28%	1.155%
13	11.645	1722	1727	1732	rBV	38563	59686	1.70%	0.269%
14	11.827	1754	1758	1770	rBV2	30611	65035	1.85%	0.294%
15	12.157	1809	1814	1819	rBV2	622057	809630	23.04%	3.654%
16	12.210	1819	1823	1832	rVB	139669	210008	5.98%	0.948%
17	12.504	1869	1873	1884	rBV	128506	197301	5.62%	0.890%
18	13.051	1962	1966	1978	rVB2	242787	323207	9.20%	1.459%
19	13.333	2010	2014	2023	rVB	41349	59904	1.70%	0.270%
20	13.468	2032	2037	2044	rBV3	85051	168849	4.81%	0.762%
21	13.957	2113	2120	2125	rBV3	34384	65049	1.85%	0.294%
22	14.292	2172	2177	2181	rBV	37907	49953	1.42%	0.225%
23	14.380	2189	2192	2199	rVB	70528	91787	2.61%	0.414%
24	14.545	2216	2220	2223	rBV	592075	742085	21.12%	3.349%
25	14.586	2223	2227	2236	rVB	1130922	1515569	43.13%	6.840%
26	14.674	2236	2242	2254	rVB	293428	451199	12.84%	2.036%
27	14.786	2257	2261	2266	rBV3	23728	37904	1.08%	0.171%
28	14.980	2291	2294	2303	rVV	138677	234813	6.68%	1.060%
29	15.357	2354	2358	2362	rBV	124002	143513	4.08%	0.648%
30	15.404	2362	2366	2372	rVV	154473	191323	5.44%	0.863%
31	15.480	2372	2379	2381	rVV2	70827	113332	3.23%	0.511%
32	15.504	2381	2383	2388	rVV3	158267	234065	6.66%	1.056%
33	15.557	2388	2392	2406	rVB3	67981	156286	4.45%	0.705%
34	15.809	2431	2435	2447	rVB	90673	123672	3.52%	0.558%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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	15.898	2447	2450	2456	rBV4	30696	59428	1.69%	0.268%
36	16.074	2477	2480	2484	rBV2	30370	39274	1.12%	0.177%
37	16.174	2493	2497	2501	rBV	62036	73682	2.10%	0.333%
38	16.215	2501	2504	2509	rVV4	28773	51492	1.47%	0.232%
39	16.292	2513	2517	2523	rBV4	33386	62807	1.79%	0.283%
40	16.374	2526	2531	2537	rBV	996652	1177326	33.51%	5.313%
41	16.574	2560	2565	2569	rBV	26784	38692	1.10%	0.175%
42	16.674	2576	2582	2589	rBV	894736	1121799	31.93%	5.063%
43	16.792	2594	2602	2610	rVV2	348281	436096	12.41%	1.968%
44	16.898	2610	2620	2622	rVV2	77582	155326	4.42%	0.701%
45	16.927	2622	2625	2632	rVV2	221486	268813	7.65%	1.213%
46	17.015	2632	2640	2646	rVV3	42143	91342	2.60%	0.412%
47	17.121	2654	2658	2660	rBV3	44982	71138	2.02%	0.321%
48	17.151	2660	2663	2669	rVB2	135317	170386	4.85%	0.769%
49	17.239	2672	2678	2682	rVB	128604	159863	4.55%	0.721%
50	17.286	2682	2686	2691	rBV3	87642	144288	4.11%	0.651%
51	17.333	2691	2694	2701	rVB3	32216	46694	1.33%	0.211%
52	17.398	2701	2705	2710	rBV2	30202	47497	1.35%	0.214%
53	17.721	2753	2760	2765	rVB	259815	306177	8.71%	1.382%
54	17.780	2765	2770	2773	rBV	53555	71952	2.05%	0.325%
55	17.815	2773	2776	2779	rVV2	45844	57741	1.64%	0.261%
56	17.856	2779	2783	2789	rVV2	37021	59549	1.69%	0.269%
57	17.909	2789	2792	2796	rVV2	29110	38648	1.10%	0.174%
58	17.956	2796	2800	2802	rVV2	54456	65386	1.86%	0.295%
59	17.980	2802	2804	2808	rVV2	61667	77267	2.20%	0.349%
60	18.021	2808	2811	2814	rVV	38482	58201	1.66%	0.263%
61	18.056	2814	2817	2822	rVV2	49614	62416	1.78%	0.282%
62	18.127	2826	2829	2833	rBV	50791	54441	1.55%	0.246%
63	18.203	2835	2842	2848	rVV3	45560	77210	2.20%	0.348%
64	18.268	2848	2853	2857	rVV2	650115	990221	28.18%	4.469%
65	18.309	2857	2860	2872	rVB2	249737	471818	13.43%	2.129%
66	18.409	2872	2877	2882	rBV	52288	69080	1.97%	0.312%
67	18.515	2889	2895	2901	rBV8	17307	54504	1.55%	0.246%
68	18.568	2901	2904	2907	rVV2	56076	71740	2.04%	0.324%
69	18.603	2907	2910	2918	rVB3	71997	118882	3.38%	0.537%
70	18.792	2936	2942	2945	rBV	63819	105188	2.99%	0.475%
71	18.827	2945	2948	2952	rVB2	46533	59720	1.70%	0.270%

LSC Area Percent Report

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Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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
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72	18.909	2952	2962	2964	rBV3	36146	72888	2.07%	0.329%
73	18.939	2964	2967	2969	rVV2	27476	38463	1.09%	0.174%
74	18.986	2969	2975	2979	rVV5	53257	94168	2.68%	0.425%
75	19.350	3034	3037	3041	rVB	43071	45912	1.31%	0.207%
76	19.409	3041	3047	3051	rBV4	20177	47514	1.35%	0.214%
77	19.544	3066	3070	3073	rVV	271360	372837	10.61%	1.683%
78	19.574	3073	3075	3084	rVV2	111636	165400	4.71%	0.746%
79	19.662	3087	3090	3094	rVV	50650	52526	1.49%	0.237%
80	19.703	3094	3097	3101	rVB2	39865	45105	1.28%	0.204%
81	19.833	3115	3119	3124	rBV	152779	164464	4.68%	0.742%
82	19.892	3124	3129	3134	rBV	254824	284843	8.11%	1.285%
83	19.944	3134	3138	3147	rVV	392496	524907	14.94%	2.369%
84	20.044	3153	3155	3161	rVB4	43537	58357	1.66%	0.263%
85	20.162	3170	3175	3179	rVB4	23387	44740	1.27%	0.202%
86	20.380	3209	3212	3217	rVB3	30849	40290	1.15%	0.182%
87	20.750	3270	3275	3281	rVB7	28925	65571	1.87%	0.296%
88	21.115	3332	3337	3343	rBV	96820	181618	5.17%	0.820%
89	21.238	3354	3358	3363	rBV	33923	60328	1.72%	0.272%
90	21.286	3363	3366	3371	rVB5	21555	39189	1.12%	0.177%
91	21.438	3388	3392	3402	rBV	76124	179208	5.10%	0.809%
92	21.650	3424	3428	3436	rVB5	32398	61138	1.74%	0.276%
93	23.121	3670	3678	3689	rVB4	24289	79438	2.26%	0.359%
94	23.280	3699	3705	3711	rBV3	17383	48272	1.37%	0.218%

Sum of corrected areas: 22158307

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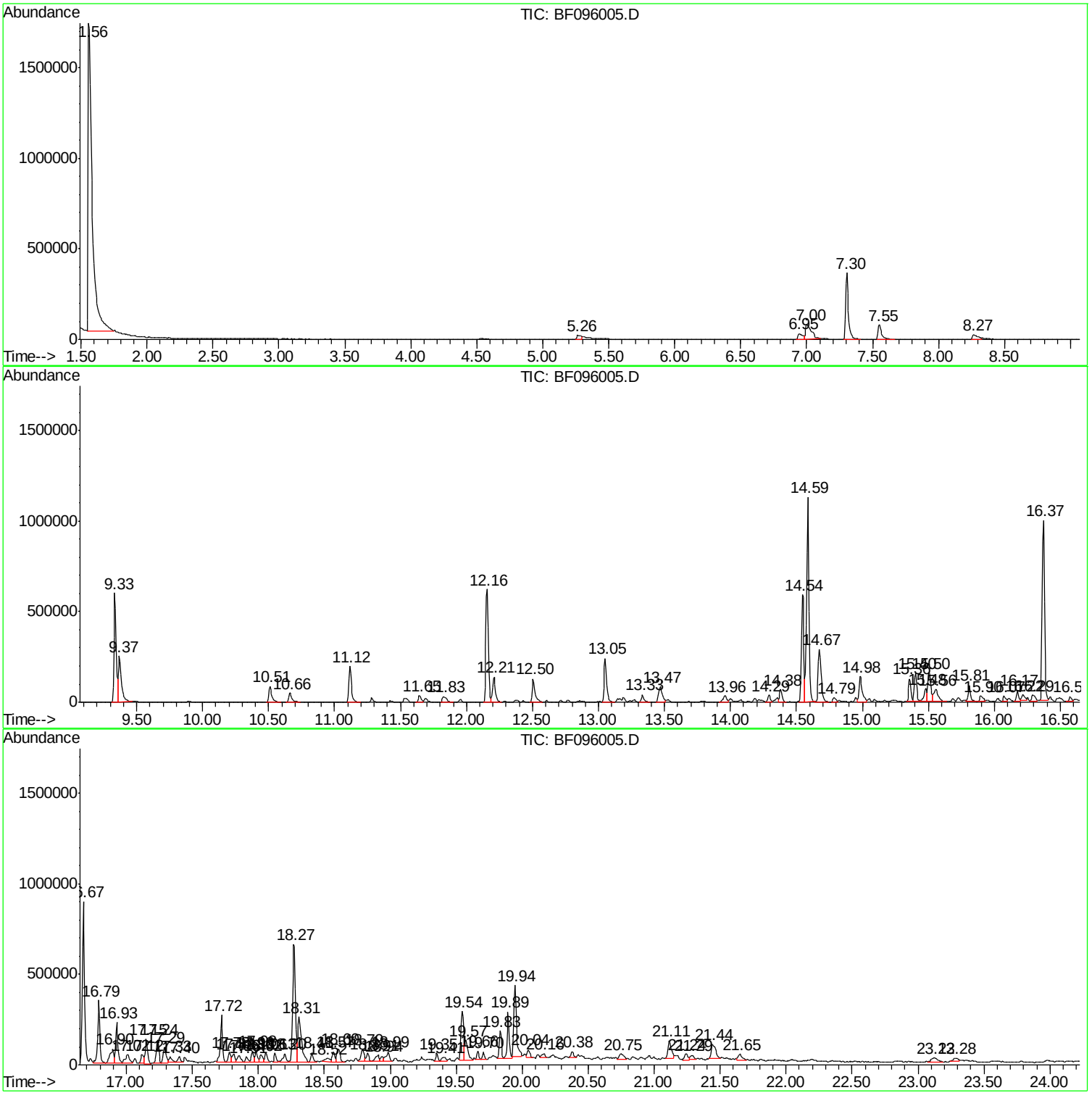
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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\BF061917\
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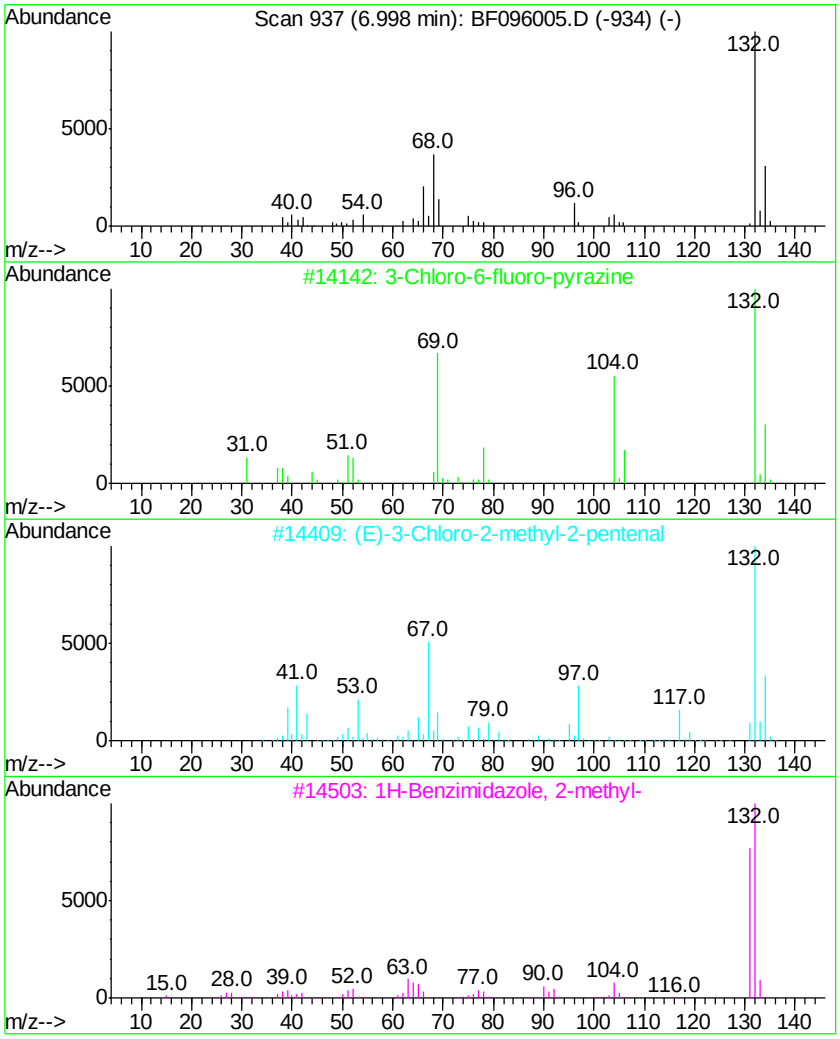
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

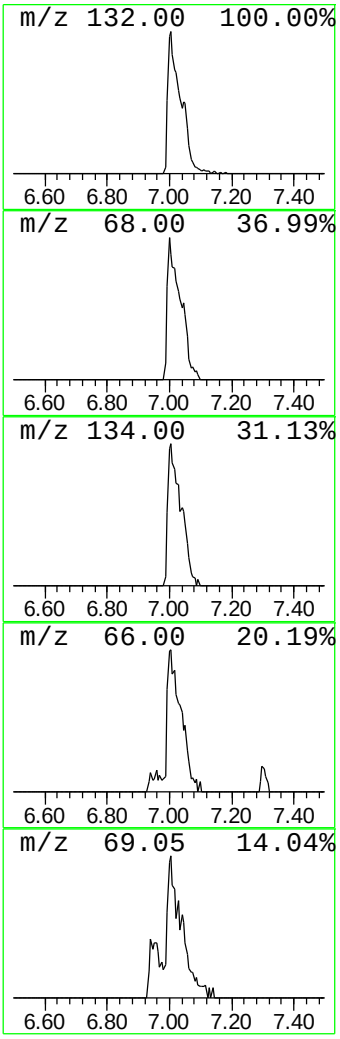
****

Peak Number 2 unknown7.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	9.50 ng	247890	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096005.D
Acq On : 19 Jun 2017 14:35
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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
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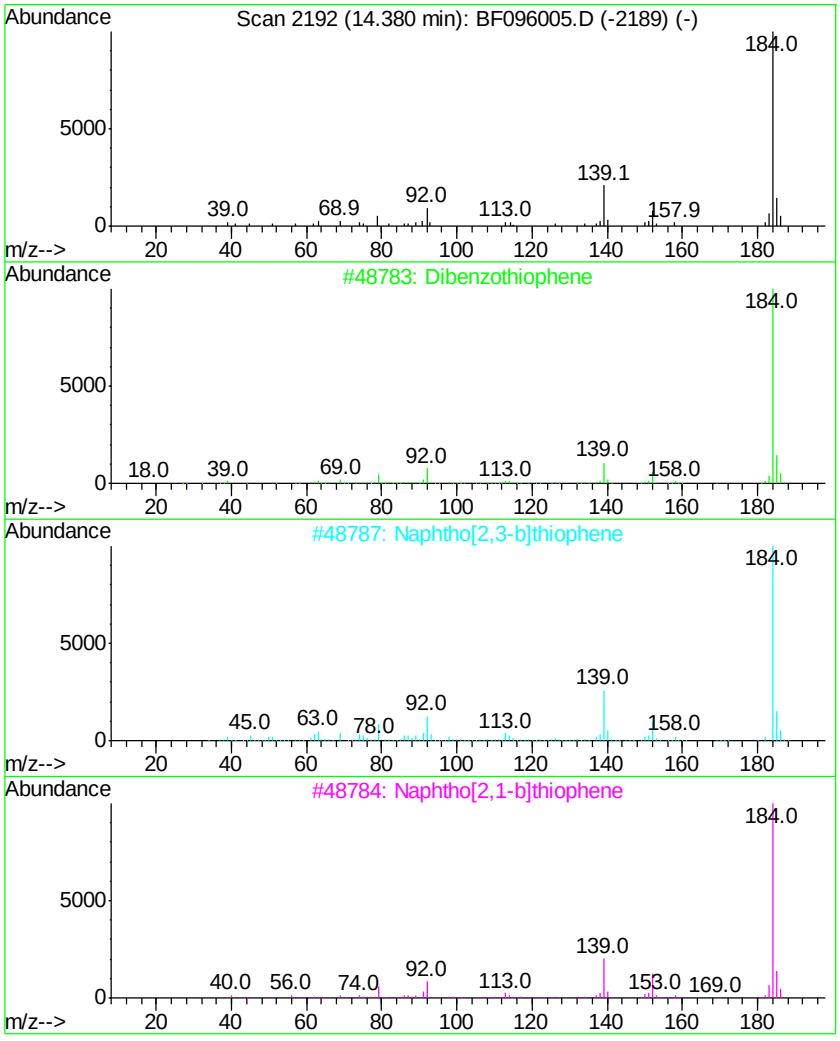
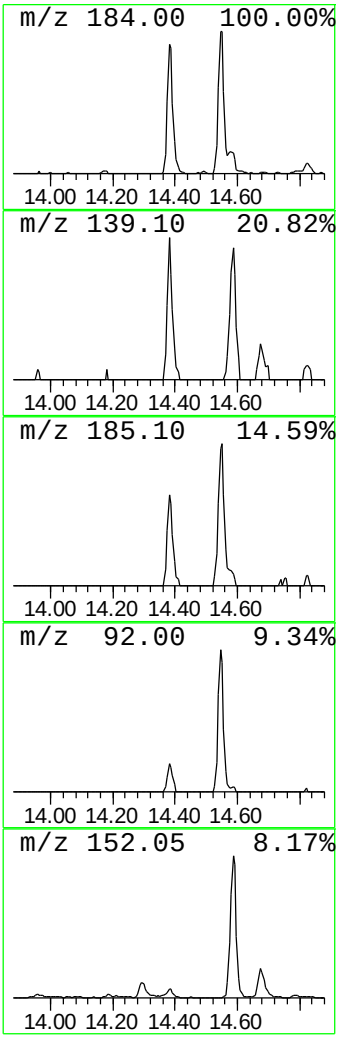
Peak Number 4 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.47 ng	91787	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





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Instrument : BNA_F
ClientSampleId : CC-5B

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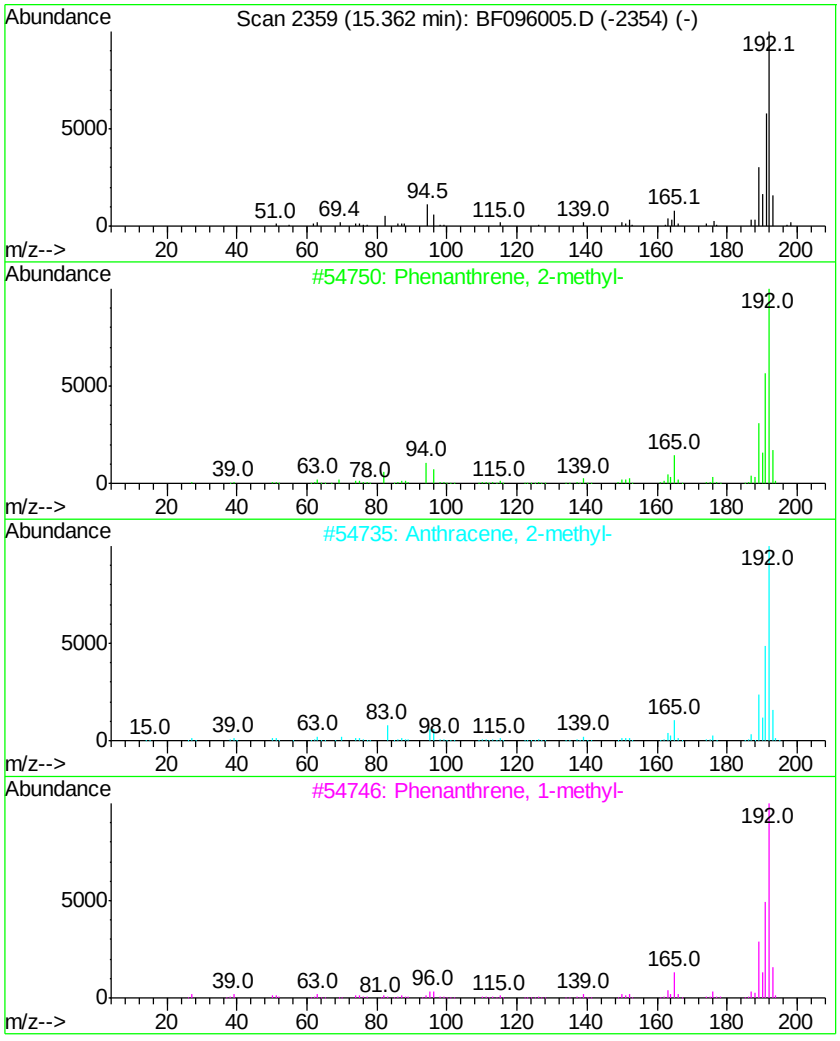
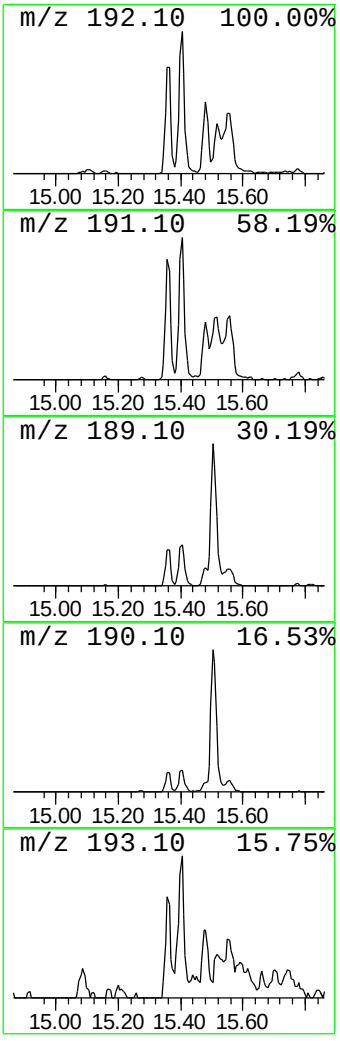
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.87 ng	143513	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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

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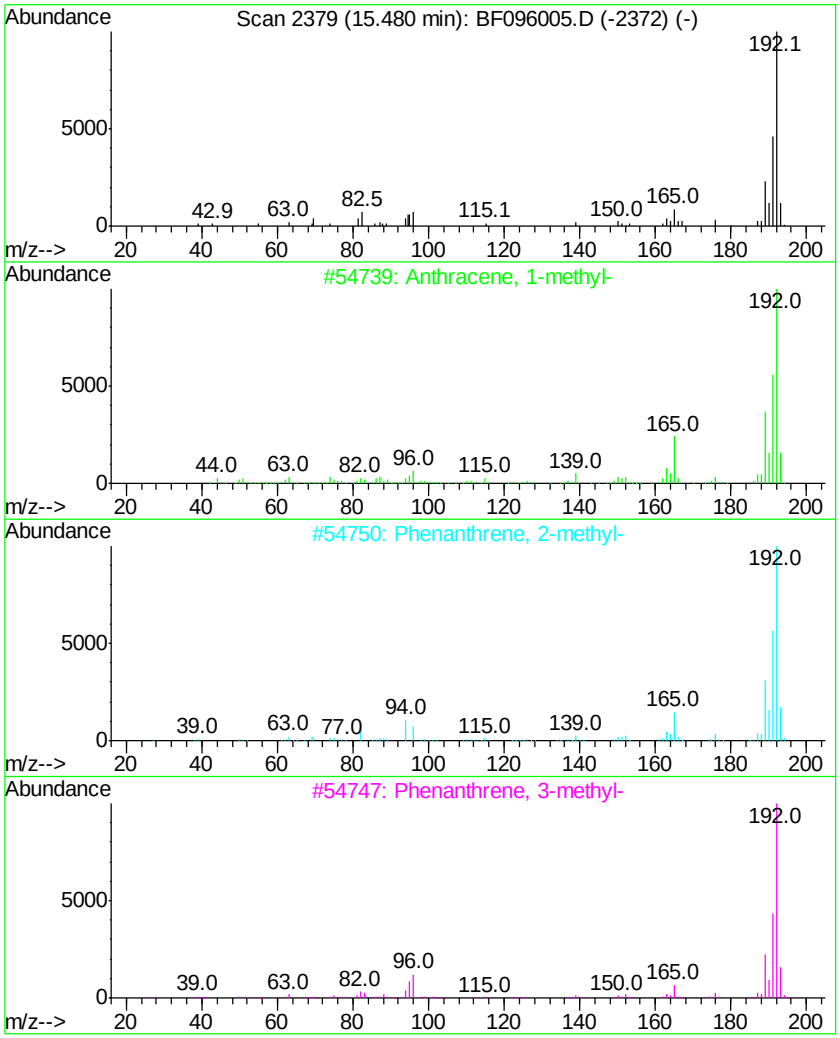
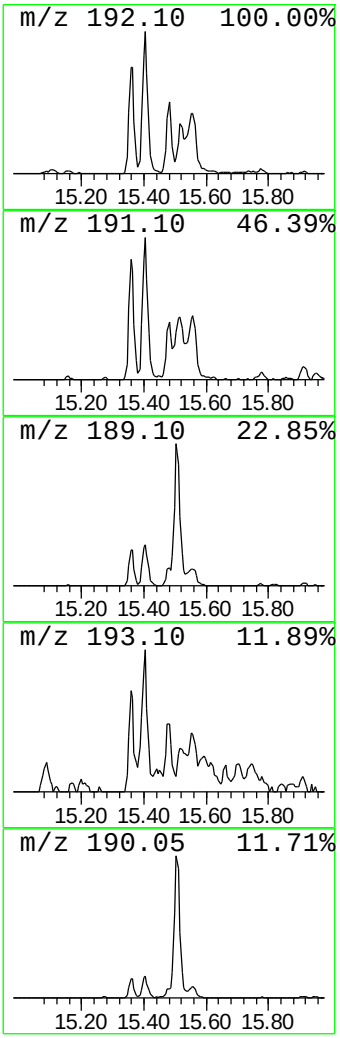
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	3.05 ng	113332	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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

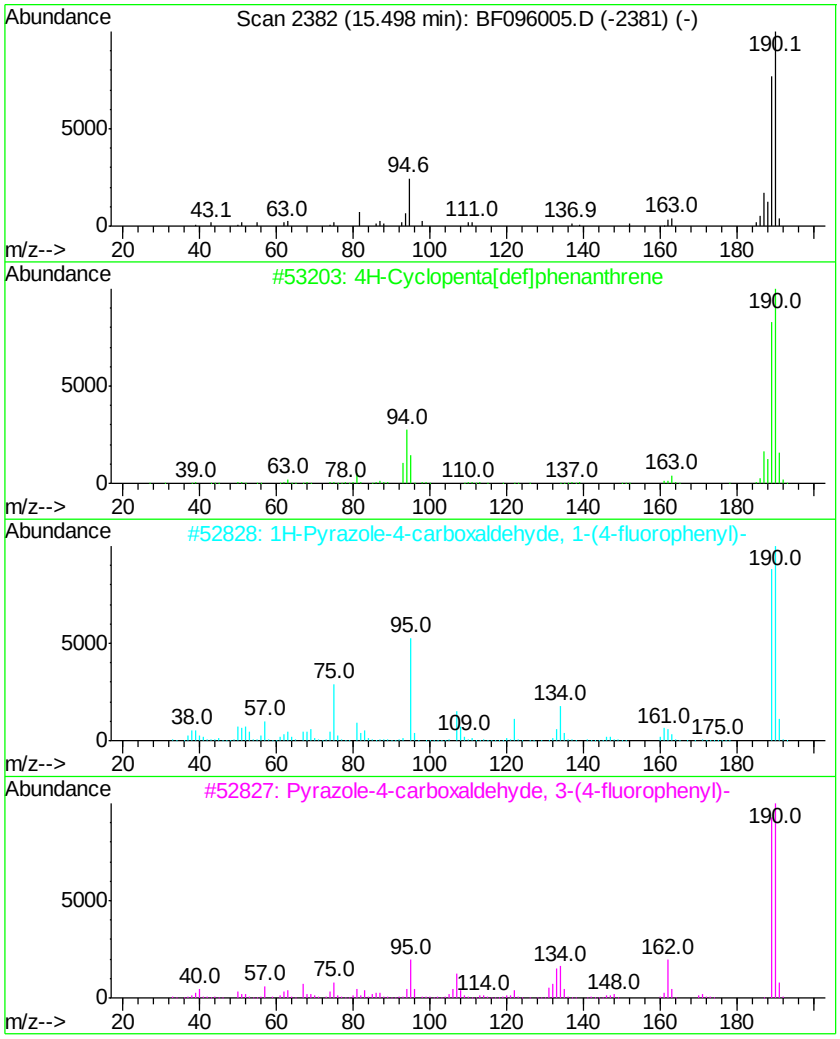
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

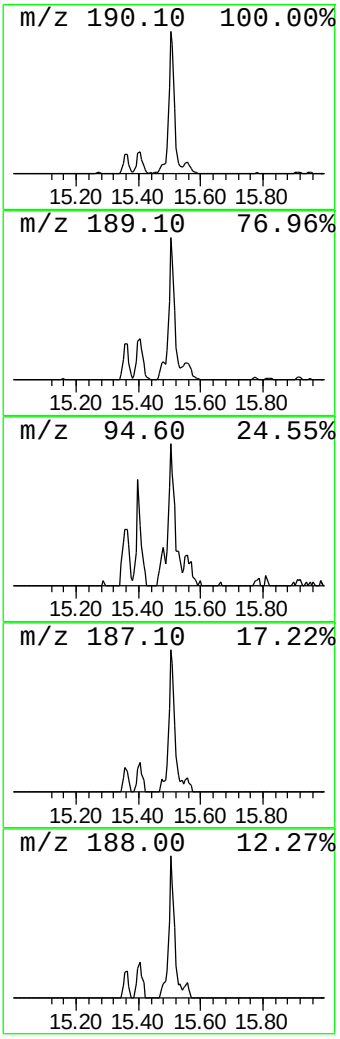
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	6.31 ng	234065	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	25
5	4-Fluoro-2-(trifluoromethyl)benz...	189	C8H3F4N	194853-86-6	25





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Sample : I3683-03 10X
Misc :
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Instrument : BNA_F
ClientSampleId : CC-5B

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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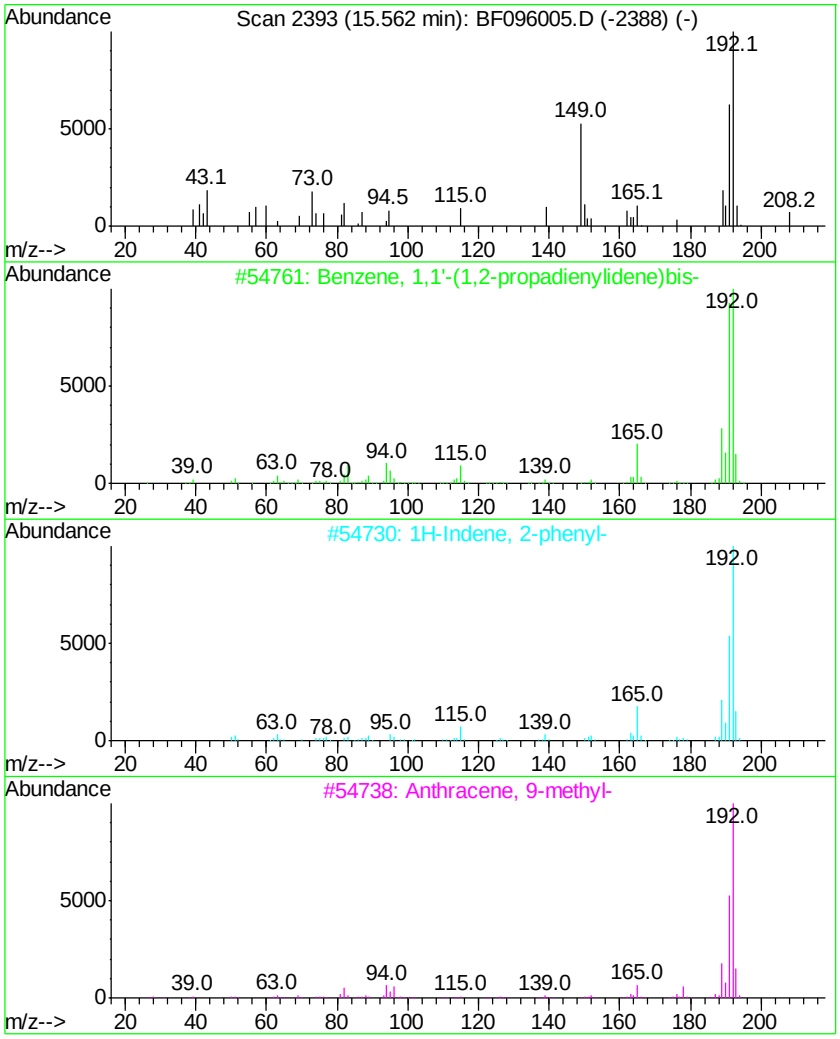
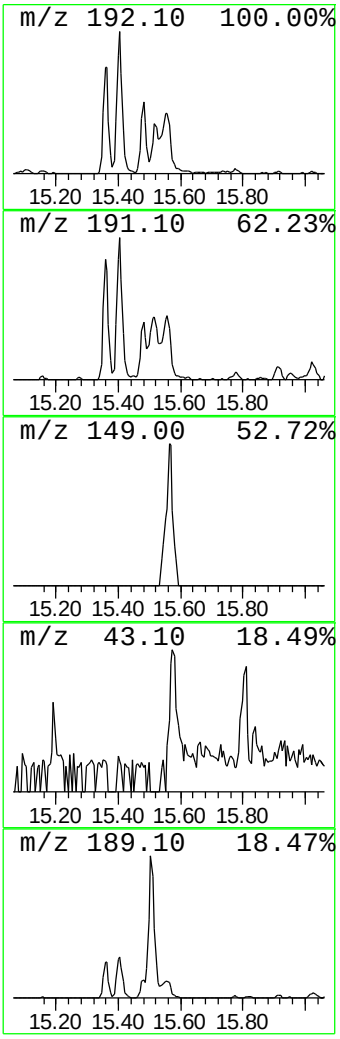
Peak Number 9 Benzene, 1,1'-(1,2-propadie... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	4.21 ng	156286	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72





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Data File : BF096005.D
Acq On : 19 Jun 2017 14:35
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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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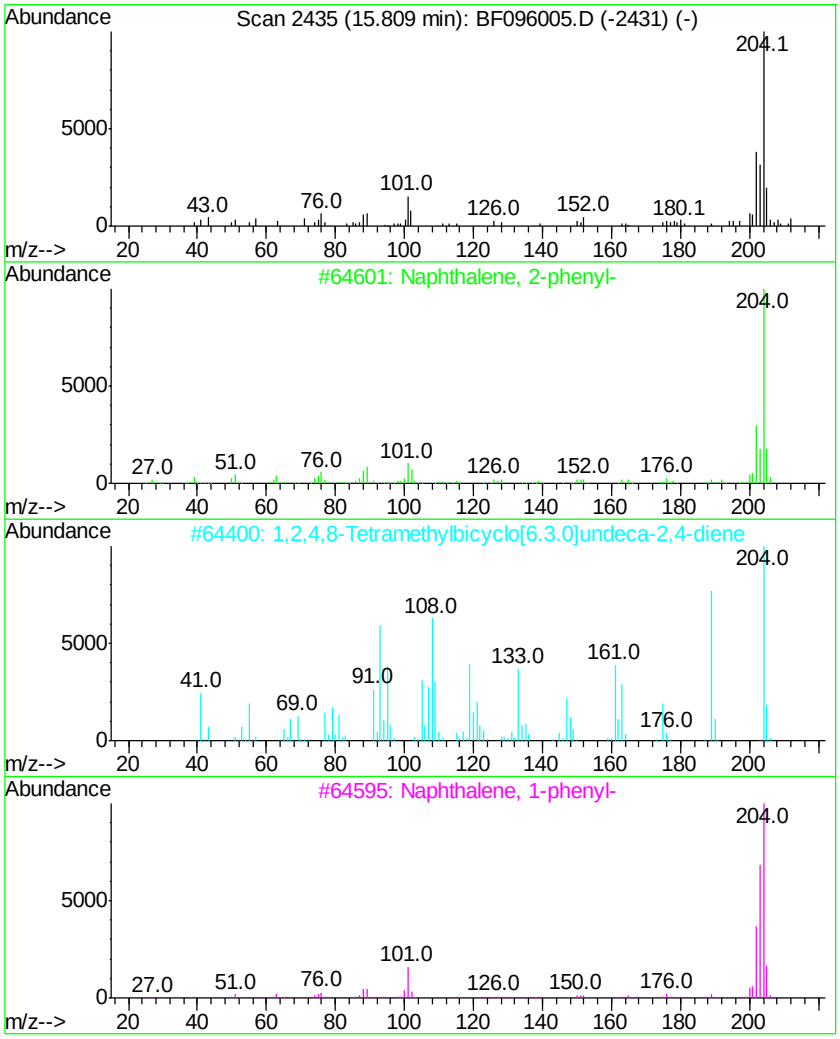
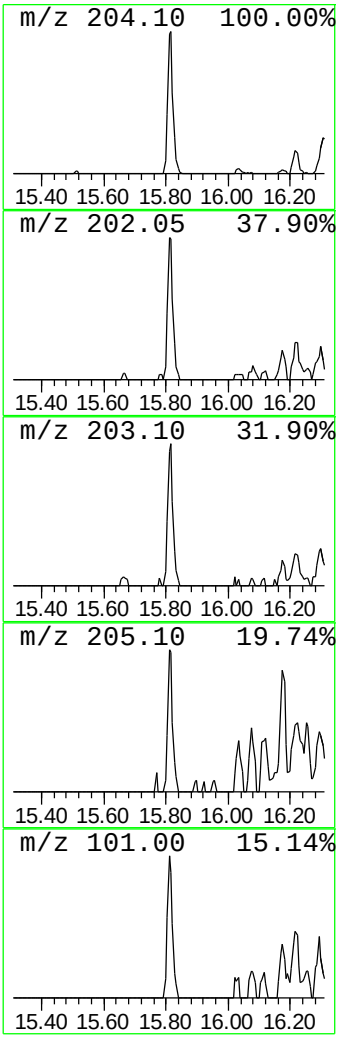
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.33 ng	123672	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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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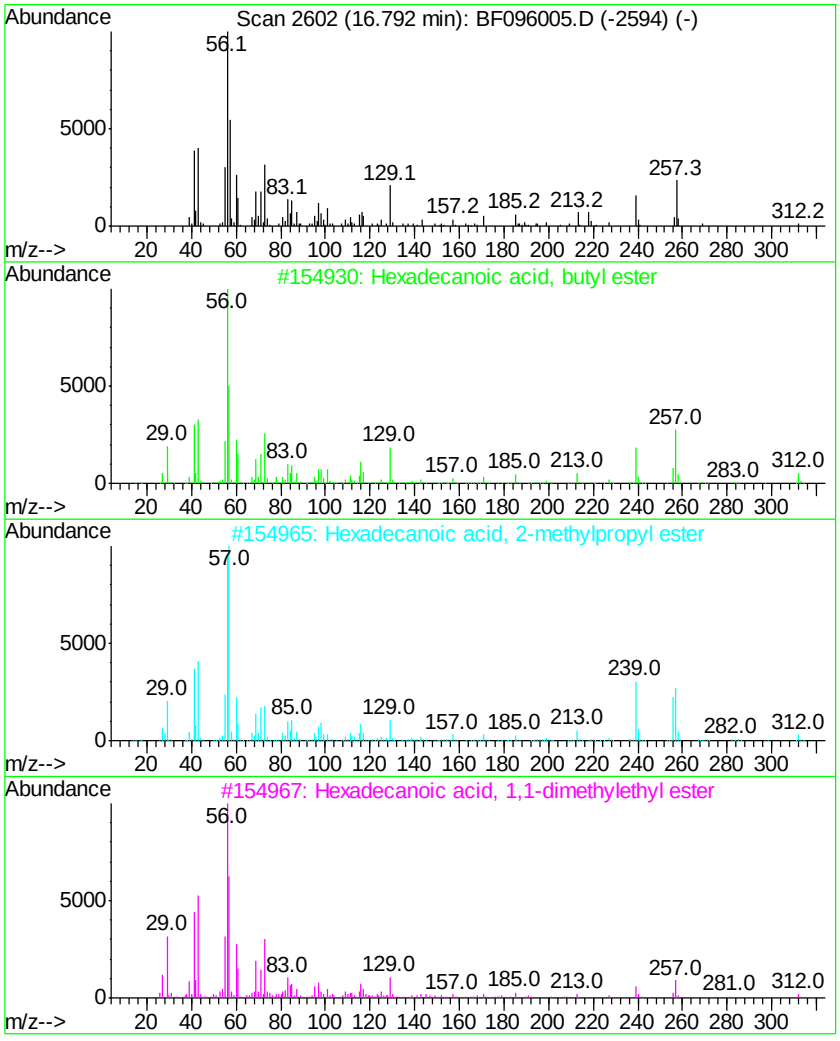
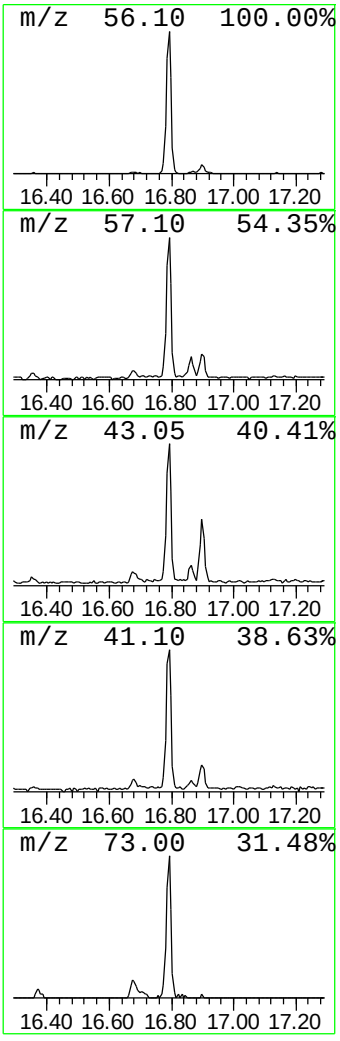
Peak Number 11 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	8.81 ng	436096	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	72
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





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Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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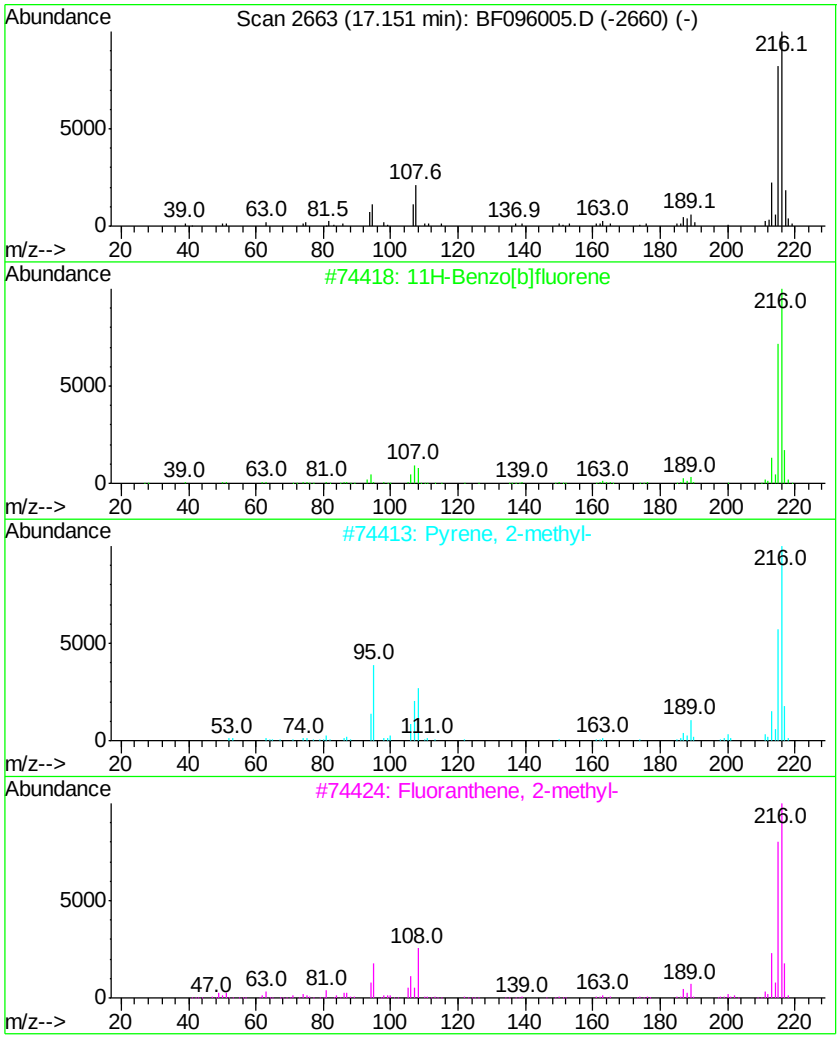
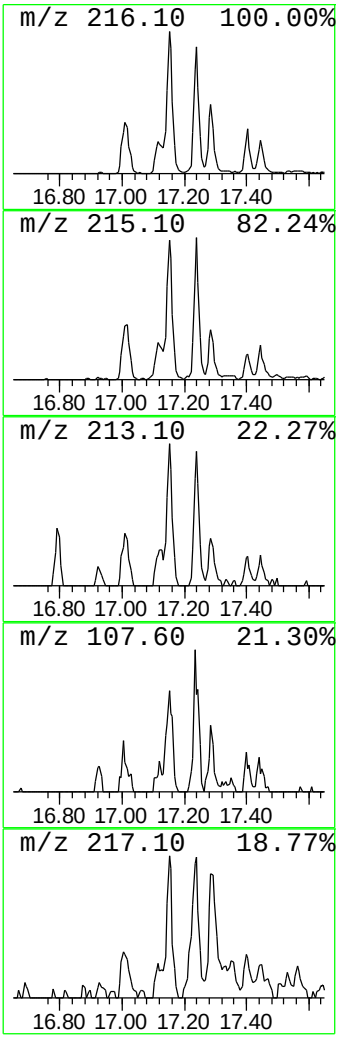
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.44 ng	170386	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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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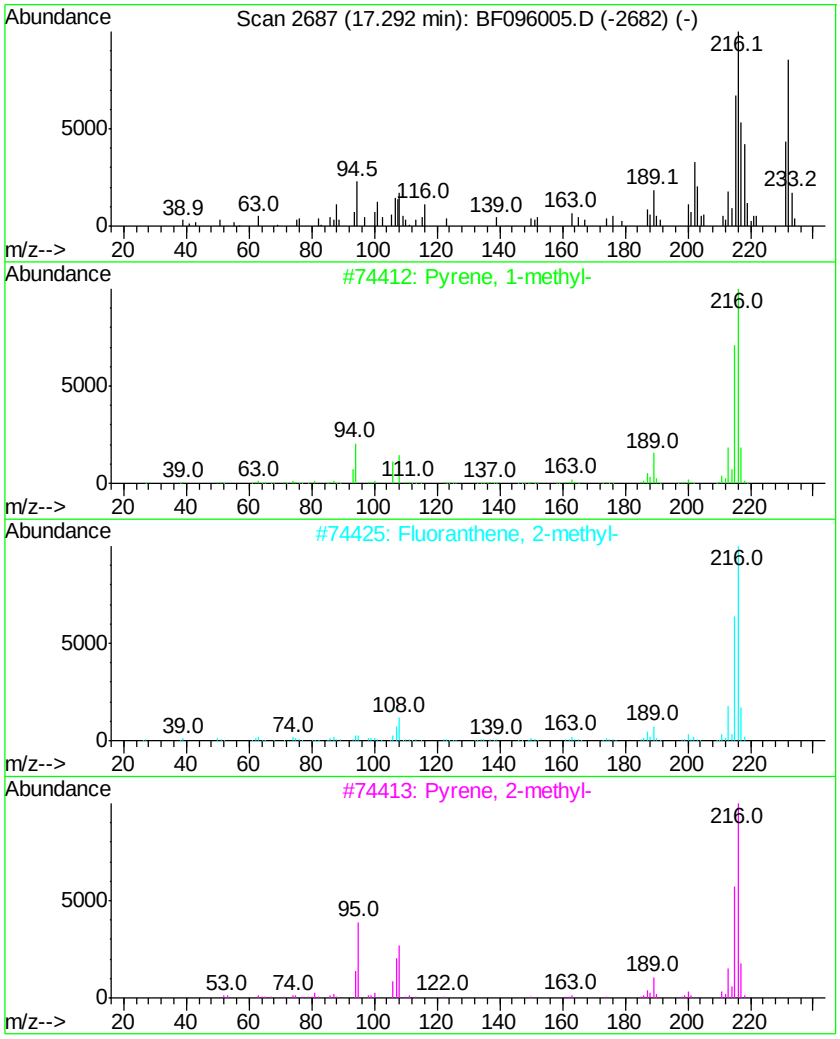
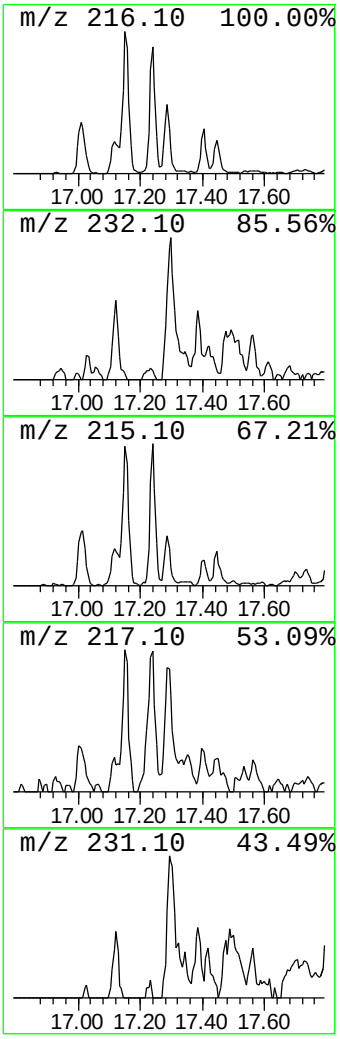
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.91 ng	144288	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Acq On : 19 Jun 2017 14:35
Operator : SJ/MA
Sample : I3683-03 10X
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

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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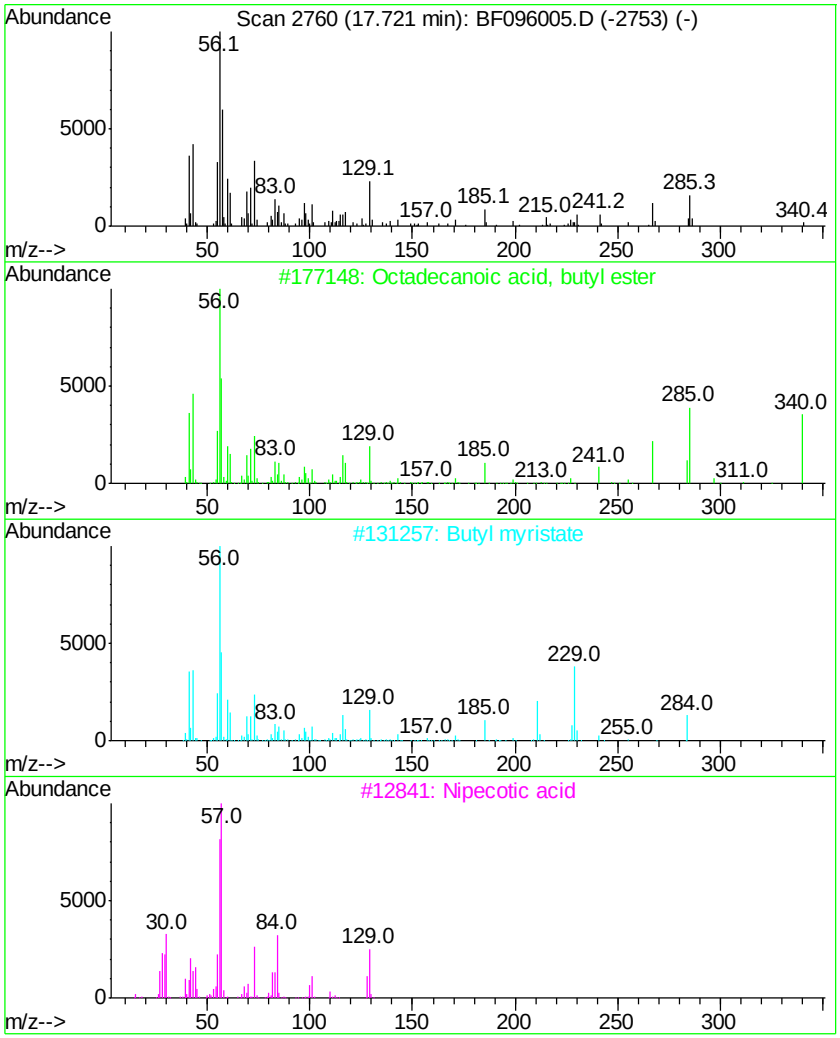
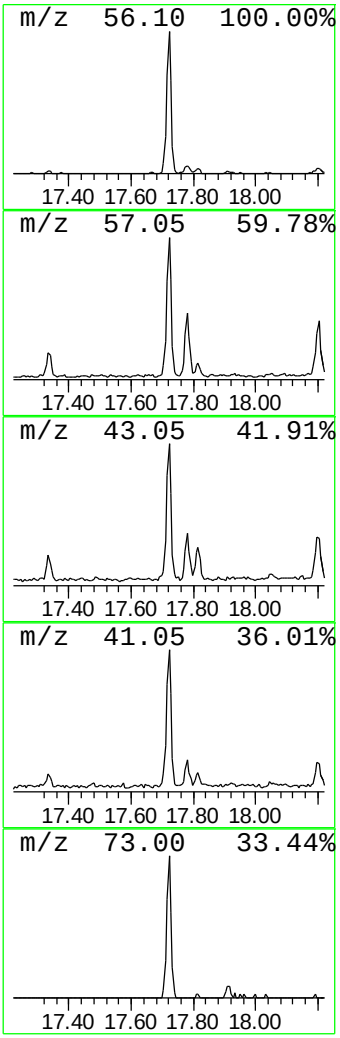
Peak Number 15 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	6.18 ng	306177	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Nipecotic acid	129	C6H11NO2	000498-95-3	53
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	38
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	37





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Misc :
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Instrument : BNA_F
ClientSampleId : CC-5B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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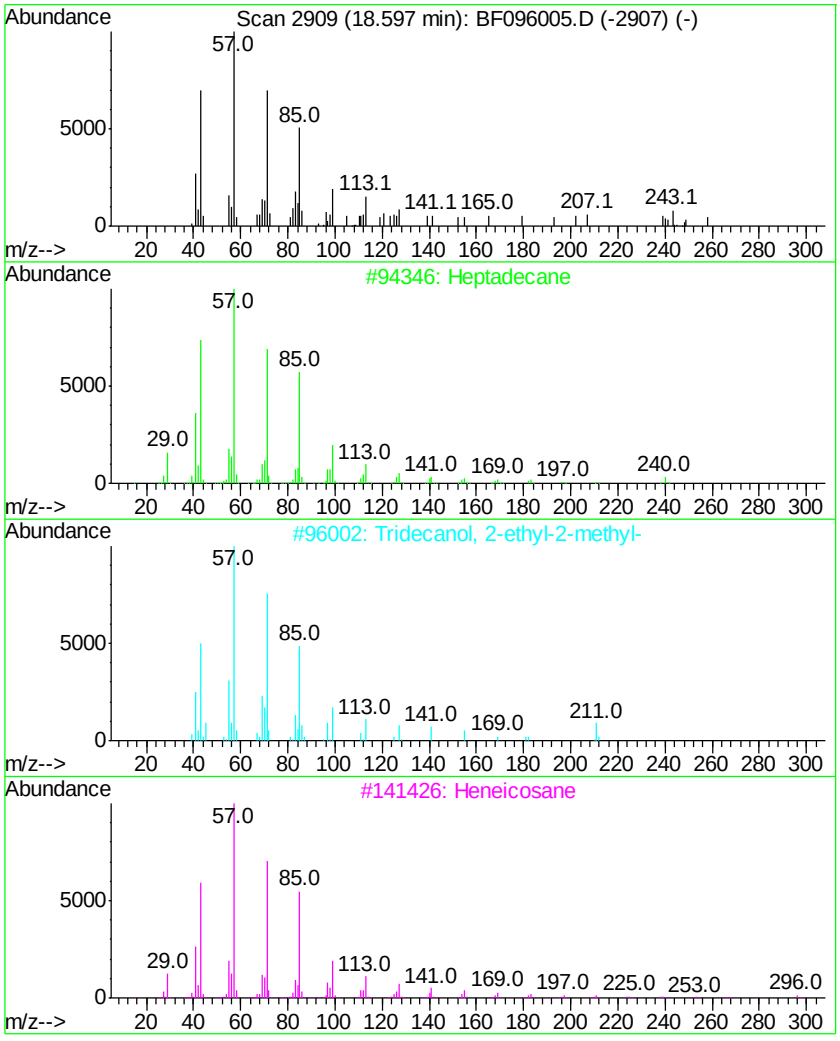
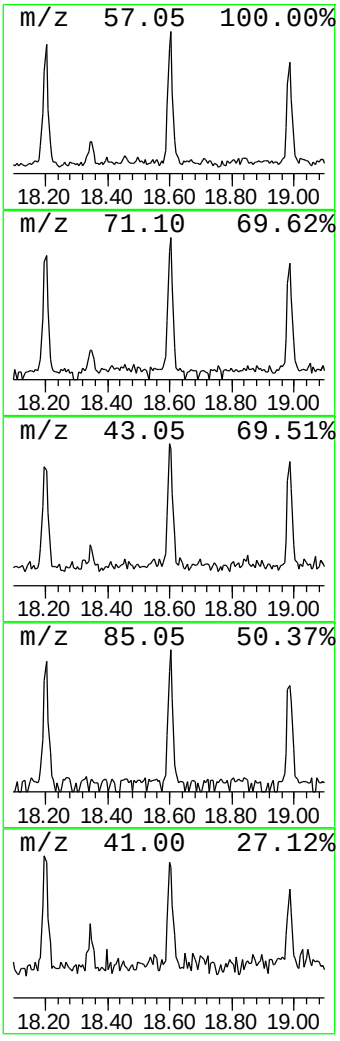
Peak Number 16 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.40 ng	118882	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	53
3	Heneicosane	296	C21H44	000629-94-7	49
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	49
5	Hexadecane	226	C16H34	000544-76-3	49





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Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-5B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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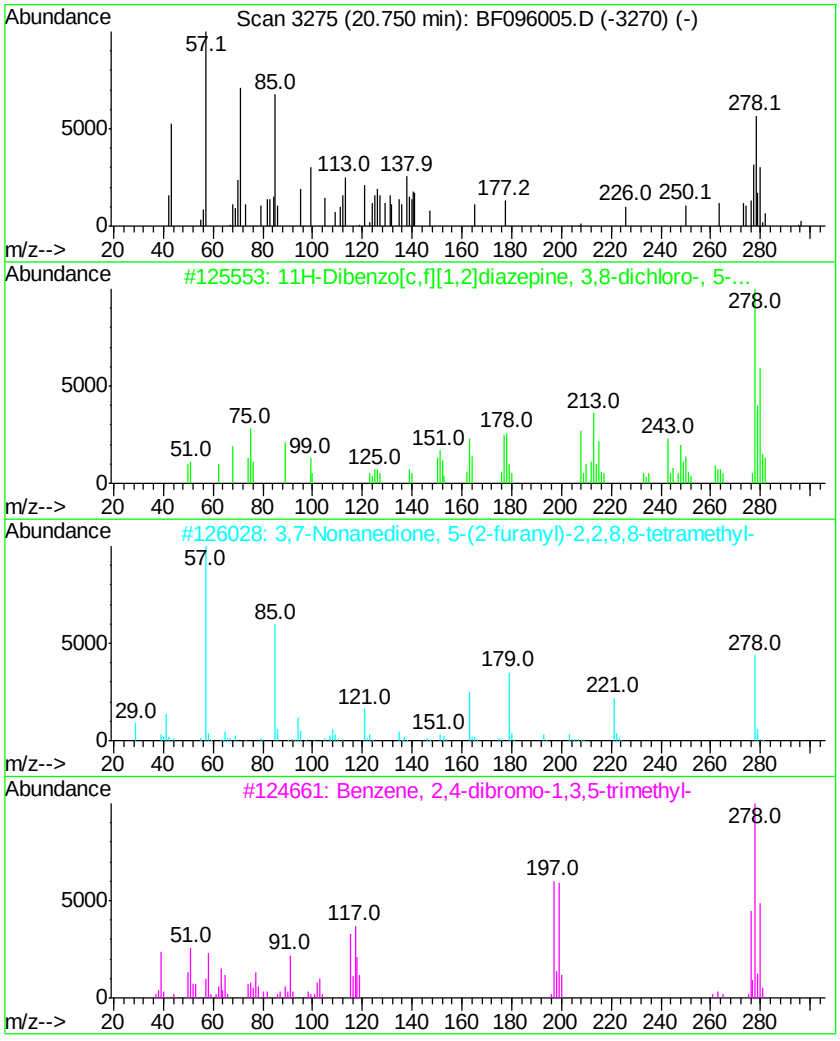
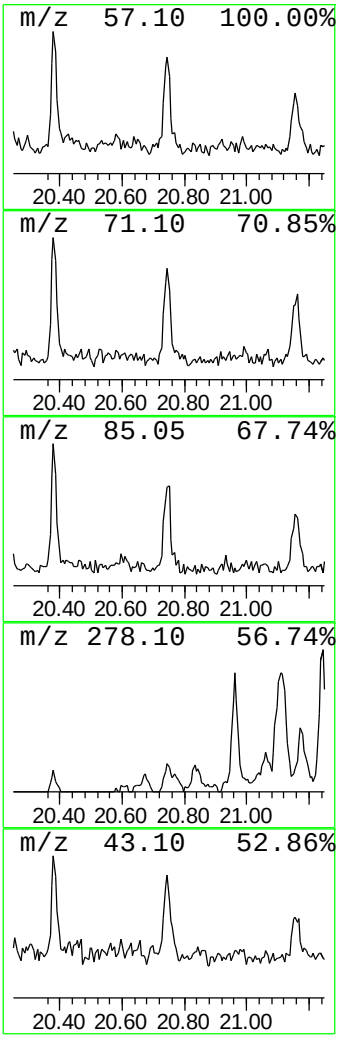
Peak Number 18 11H-Dibenzo[c,f][1,2]diazep... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.50 ng	65571	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[c,f][1,2]diazepine, ...	278	C13H8Cl2N2O	000958-71-4	38
2	3,7-Nonanedione, 5-(2-furanyl)-2...	278	C17H26O3	1000319-41-4	38
3	Benzene, 2,4-dibromo-1,3,5-trime...	276	C9H10Br2	006942-99-0	35
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	30
5	Picene	278	C22H14	000213-46-7	27





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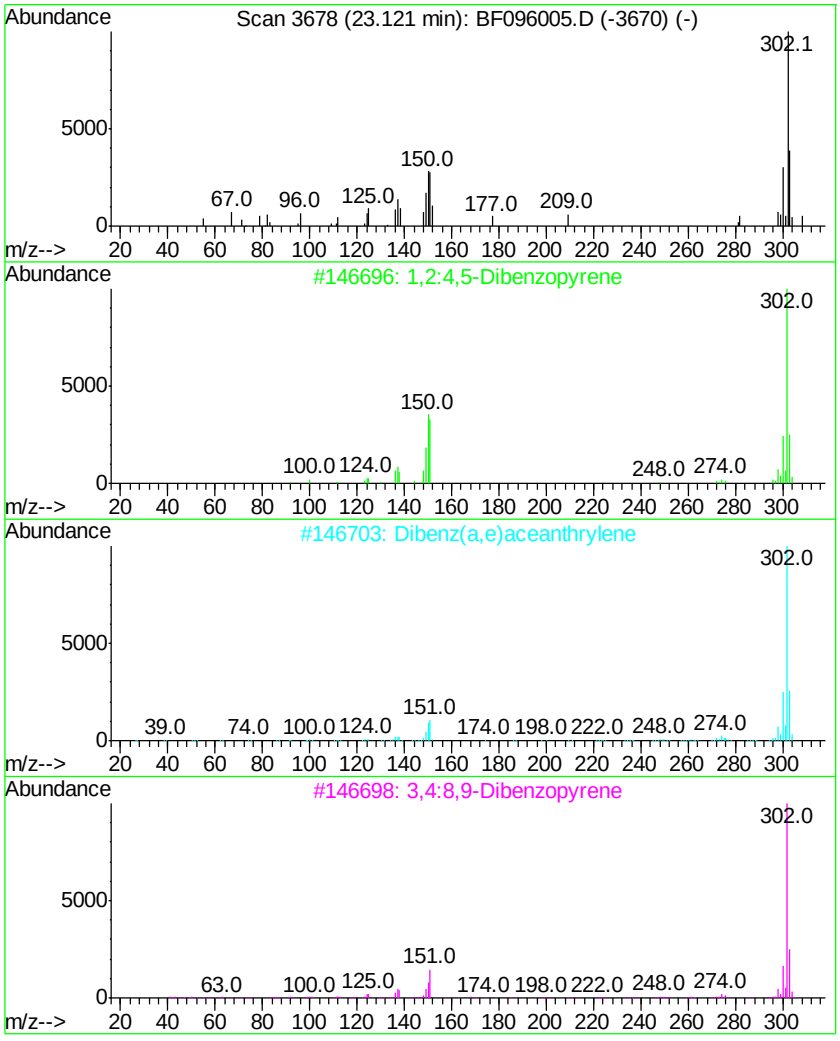
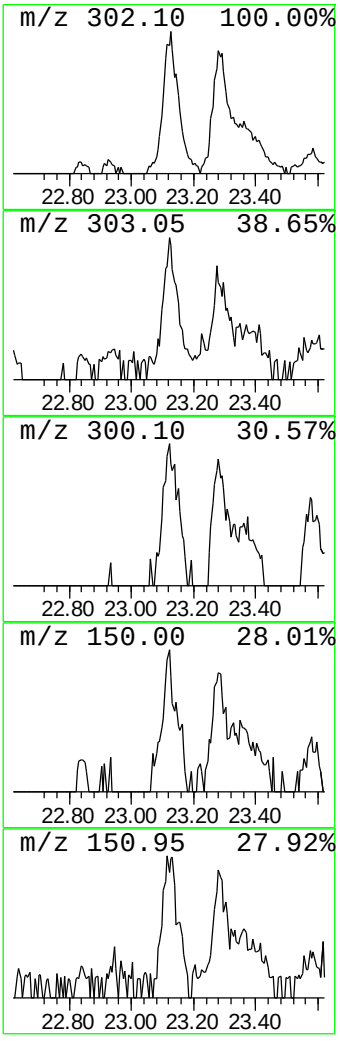
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	3.03 ng	79438	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	70
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Dibenzothiophene	14.38	2.5	ng	91787	4	14.54	742085	20.0
Phenanthrene, 2-m...	15.36	3.9	ng	143513	4	14.54	742085	20.0
Anthracene, 1-met...	15.48	3.0	ng	113332	4	14.54	742085	20.0
4H-Cyclopenta[def...	15.50	6.3	ng	234065	4	14.54	742085	20.0
Benzene, 1,1'-(1,...	15.56	4.2	ng	156286	4	14.54	742085	20.0
Naphthalene, 2-ph...	15.81	3.3	ng	123672	4	14.54	742085	20.0
Hexadecanoic acid...	16.79	8.8	ng	436096	5	18.27	990221	20.0
11H-Benzo[b]fluorene	17.15	3.4	ng	170386	5	18.27	990221	20.0
Pyrene, 1-methyl-	17.29	2.9	ng	144288	5	18.27	990221	20.0
Octadecanoic acid...	17.72	6.2	ng	306177	5	18.27	990221	20.0
Heptadecane	18.60	2.4	ng	118882	5	18.27	990221	20.0
11H-Dibenzo[c,f][...	20.75	2.5	ng	65571	6	19.94	524907	20.0
1,2:4,5-Dibenzopy...	23.12	3.0	ng	79438	6	19.94	524907	20.0