LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096187.D
Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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	1.546	7	10	22	rBV	87986	156329	8.40%	0.796%
2	7.004	933	938	946	rBV5	16141	48428	2.60%	0.247%
3	7.263	978	982	995	rBV	220880	354078	19.03%	1.803%
4	7.510	1021	1024	1040	rBB2	19497	46577	2.50%	0.237%
5	9.292	1323	1327	1330	rBV	449863	520052	27.95%	2.649%
6	9.327	1330	1333	1348	rVV	786181	1041296	55.96%	5.304%
7	9.433	1348	1351	1358	rVB	9896	18967	1.02%	0.097%
8	10.457	1521	1525	1537	rBV	266662	351870	18.91%	1.792%
9	10.610	1545	1551	1571	rVB	144492	211387	11.36%	1.077%
10	11.080	1627	1631	1643	rVB	53086	63801	3.43%	0.325%
11	11.233	1651	1657	1665	rBV	48240	61914	3.33%	0.315%
12	11.374	1677	1681	1689	rBV	27051	39683	2.13%	0.202%
13	11.480	1695	1699	1714	rBB3	47101	101984	5.48%	0.519%
14	11.598	1714	1719	1723	rBV	70643	107430	5.77%	0.547%
15	11.639	1723	1726	1735	rVB	45406	66576	3.58%	0.339%
16	11.786	1745	1751	1761	rBV4	29634	67209	3.61%	0.342%
17	11.910	1767	1772	1779	rBV2	25837	36859	1.98%	0.188%
18	12.115	1802	1807	1811	rBV2	403260	490561	26.36%	2.499%
19	12.168	1811	1816	1824	rVV	354134	473743	25.46%	2.413%
20	12.327	1836	1843	1849	rBV4	16542	34873	1.87%	0.178%
21	12.457	1861	1865	1877	rBV	229203	338584	18.20%	1.725%
22	12.557	1877	1882	1885	rBV2	16593	21082	1.13%	0.107%
23	12.668	1896	1901	1906	rVB2	16182	24479	1.32%	0.125%
24	12.721	1906	1910	1916	rVB	17060	21483	1.15%	0.109%
25	12.815	1918	1926	1928	rBV2	10507	19245	1.03%	0.098%
26	13.009	1954	1959	1970	rVB	459468	558614	30.02%	2.845%
27	13.098	1970	1974	1976	rBV2	24921	29259	1.57%	0.149%
28	13.145	1979	1982	1987	rVB3	41131	56473	3.03%	0.288%
29	13.221	1992	1995	2002	rVB2	20947	29359	1.58%	0.150%
30	13.286	2002	2006	2011	rBV	51496	67708	3.64%	0.345%
31	13.415	2024	2028	2037	rBV2	53547	112684	6.06%	0.574%
32	13.915	2106	2113	2117	rBV	42944	78400	4.21%	0.399%
33	13.957	2117	2120	2125	rVV	21709	38747	2.08%	0.197%
34	14.039	2128	2134	2139	rVB4	20205	36094	1.94%	0.184%

LSC Area Percent Report

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Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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	14.139	2147	2151	2154	rBV3	21749	26222	1.41%	0.134%
36	14.309	2175	2180	2183	rBV2	17497	28850	1.55%	0.147%
37	14.345	2183	2186	2192	rVB	82752	105412	5.66%	0.537%
38	14.509	2210	2214	2217	rBV	340848	419199	22.53%	2.135%
39	14.556	2217	2222	2229	rVB	1463848	1860782	100.00%	9.477%
40	14.633	2229	2235	2245	rVB	446522	636034	34.18%	3.240%
41	14.745	2248	2254	2257	rBV3	21386	37590	2.02%	0.191%
42	14.945	2285	2288	2297	rBV	134416	201908	10.85%	1.028%
43	15.015	2297	2300	2303	rVB2	18627	18657	1.00%	0.095%
44	15.051	2303	2306	2311	rBV3	15494	22153	1.19%	0.113%
45	15.321	2343	2352	2356	rBV	138287	165162	8.88%	0.841%
46	15.368	2356	2360	2364	rVV	152170	188777	10.15%	0.961%
47	15.439	2364	2372	2374	rVV2	72271	102380	5.50%	0.521%
48	15.468	2374	2377	2382	rVV	209551	299913	16.12%	1.528%
49	15.515	2382	2385	2390	rVB	65833	90442	4.86%	0.461%
50	15.692	2410	2415	2419	rBV3	14474	24369	1.31%	0.124%
51	15.774	2425	2429	2435	rVB	95875	116001	6.23%	0.591%
52	15.874	2441	2446	2449	rBV3	15680	22530	1.21%	0.115%
53	15.992	2462	2466	2471	rBV3	16024	21839	1.17%	0.111%
54	16.039	2471	2474	2478	rBV	26143	35804	1.92%	0.182%
55	16.139	2484	2491	2495	rBV	57411	76114	4.09%	0.388%
56	16.180	2495	2498	2503	rVV3	35878	60938	3.27%	0.310%
57	16.262	2508	2512	2516	rBV4	28242	43575	2.34%	0.222%
58	16.345	2521	2526	2531	rBV	1217237	1451355	78.00%	7.392%
59	16.386	2531	2533	2540	rVB2	21283	32870	1.77%	0.167%
60	16.456	2540	2545	2548	rBV2	26401	52750	2.83%	0.269%
61	16.539	2556	2559	2563	rBV	37830	51011	2.74%	0.260%
62	16.650	2572	2578	2582	rBV	1138121	1396488	75.05%	7.113%
63	16.692	2582	2585	2589	rVV	57098	69505	3.74%	0.354%
64	16.745	2589	2594	2597	rVV2	28141	41358	2.22%	0.211%
65	16.780	2597	2600	2606	rVB4	12762	22325	1.20%	0.114%
66	16.845	2607	2611	2616	rVB	65383	72461	3.89%	0.369%
67	16.903	2616	2621	2626	rBV2	80638	112573	6.05%	0.573%
68	16.974	2626	2633	2640	rBV3	56454	114389	6.15%	0.583%
69	17.033	2640	2643	2647	rBV	33864	37463	2.01%	0.191%
70	17.086	2648	2652	2655	rBV3	55397	87945	4.73%	0.448%
71	17.121	2655	2658	2664	rVB	206259	234172	12.58%	1.193%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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

72	17.203	2664	2672	2677	rBV	223636	314225	16.89%	1.600%
73	17.256	2677	2681	2686	rBV2	111008	173037	9.30%	0.881%
74	17.374	2695	2701	2704	rBV2	40142	60957	3.28%	0.310%
75	17.415	2704	2708	2711	rBV	33052	41780	2.25%	0.213%
76	17.697	2753	2756	2760	rVB3	30697	39482	2.12%	0.201%
77	17.774	2764	2769	2773	rBV3	34236	66663	3.58%	0.340%
78	17.927	2791	2795	2797	rBV	76307	83687	4.50%	0.426%
79	17.956	2797	2800	2803	rVB	72781	77537	4.17%	0.395%
80	17.992	2803	2806	2809	rBV	70436	73106	3.93%	0.372%
81	18.033	2809	2813	2818	rVB	61040	72380	3.89%	0.369%
82	18.103	2822	2825	2829	rBV	28667	30028	1.61%	0.153%
83	18.150	2831	2833	2836	rBV	25536	33320	1.79%	0.170%
84	18.244	2843	2849	2853	rBV2	678000	1109359	59.62%	5.650%
85	18.286	2853	2856	2868	rVB2	469879	647591	34.80%	3.298%
86	18.374	2868	2871	2876	rBV	139807	175774	9.45%	0.895%
87	18.539	2896	2899	2903	rVV2	66818	78082	4.20%	0.398%
88	18.586	2903	2907	2912	rVB2	61667	82794	4.45%	0.422%
89	18.762	2934	2937	2941	rBV2	96746	116302	6.25%	0.592%
90	18.803	2941	2944	2948	rVB3	52650	67073	3.60%	0.342%
91	18.874	2954	2956	2959	rVB	53826	58109	3.12%	0.296%
92	18.909	2959	2962	2964	rBV2	33842	40091	2.15%	0.204%
93	18.933	2964	2966	2969	rVV	35569	36786	1.98%	0.187%
94	19.527	3063	3067	3070	rBV	430231	614377	33.02%	3.129%
95	19.638	3083	3086	3091	rBV	96534	126510	6.80%	0.644%
96	19.815	3113	3116	3120	rBV	231336	240951	12.95%	1.227%
97	19.874	3123	3126	3132	rVB	344445	384333	20.65%	1.958%
98	19.927	3132	3135	3139	rBV	244087	295961	15.91%	1.507%
99	21.091	3329	3333	3340	rBV	123406	200769	10.79%	1.023%
100	21.415	3385	3388	3397	rVB	96538	185482	9.97%	0.945%

Sum of corrected areas: 19633690

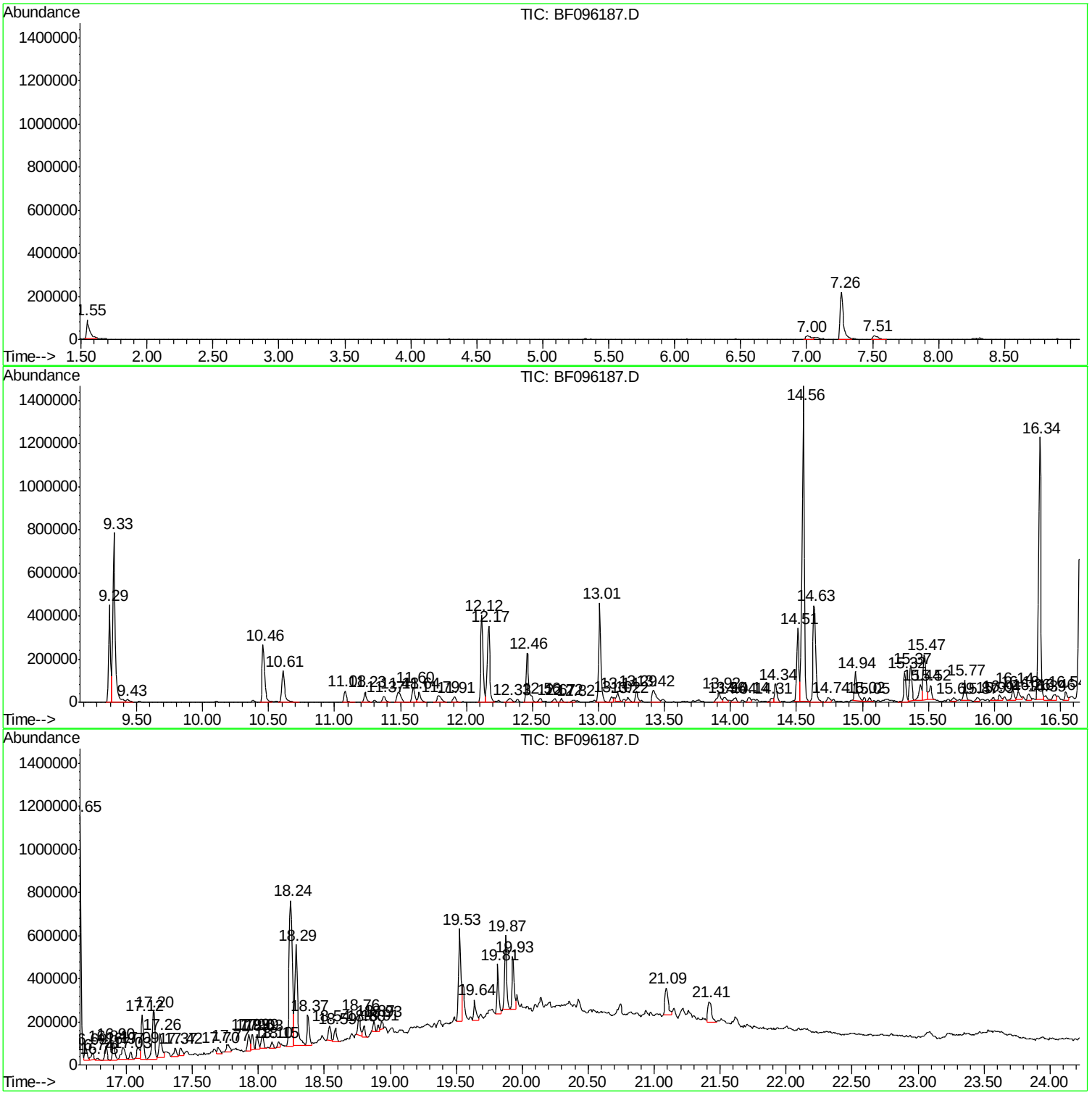
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096187.D
Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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\BF062417\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

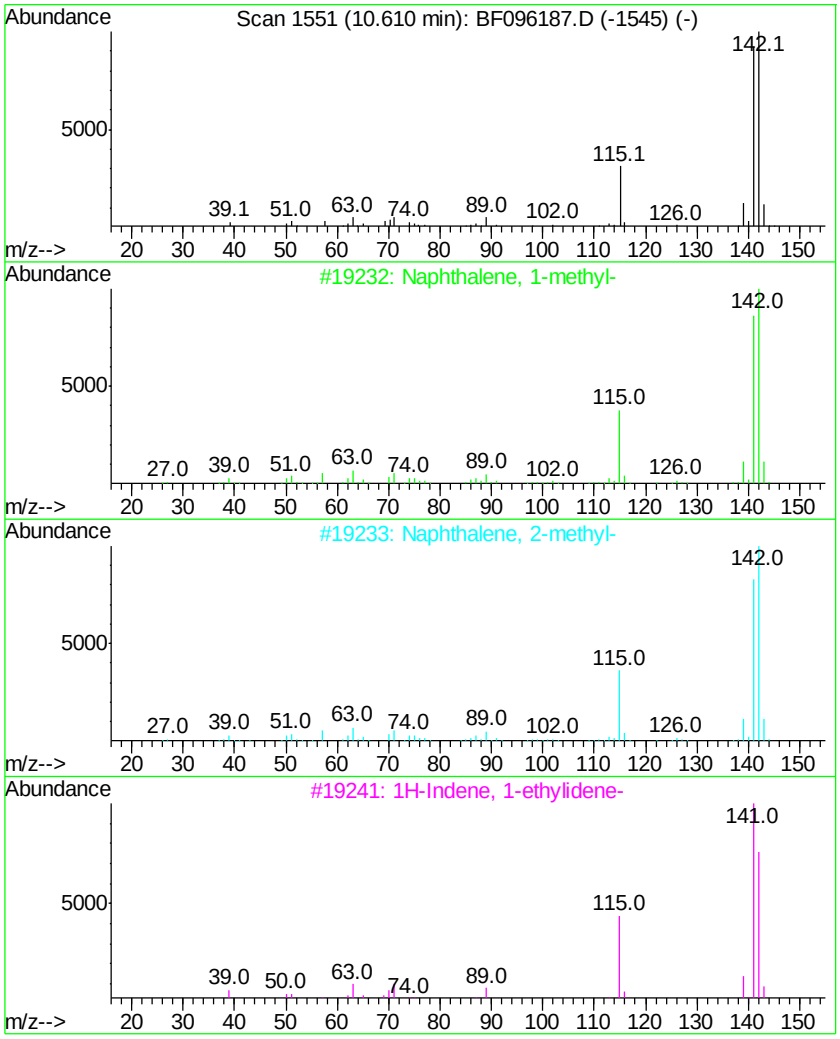
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

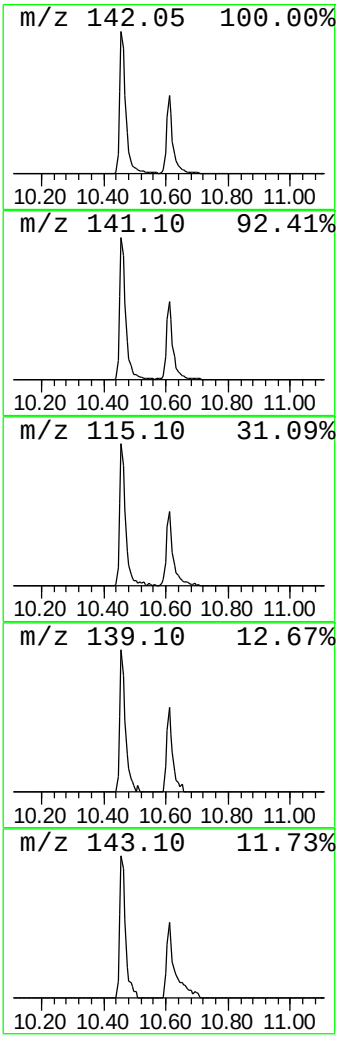
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	8.13 ng	211387	Naphthalene-d8	9.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096187.D
Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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

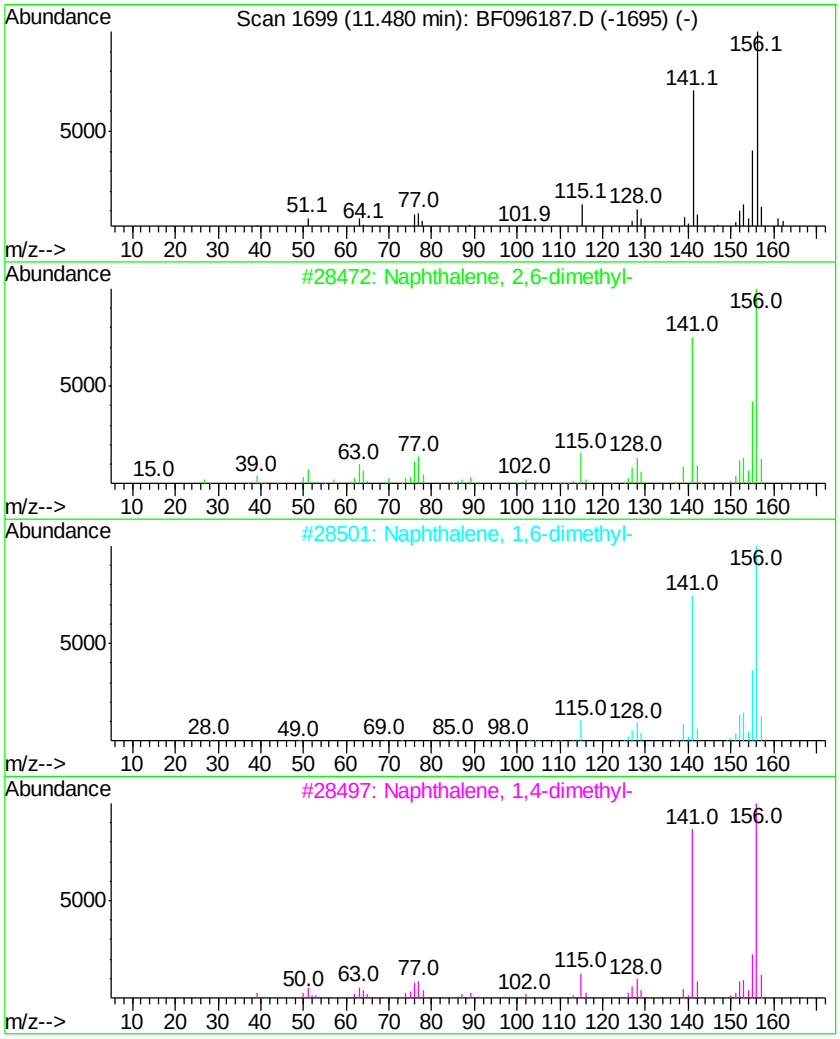
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

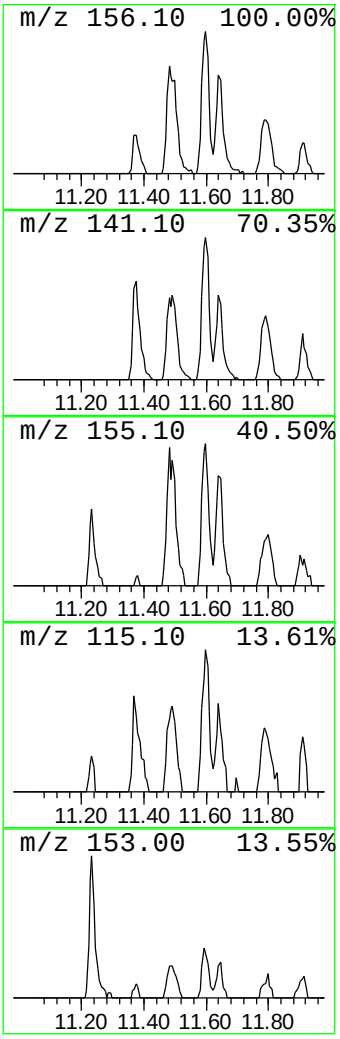
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	4.16 ng	101984	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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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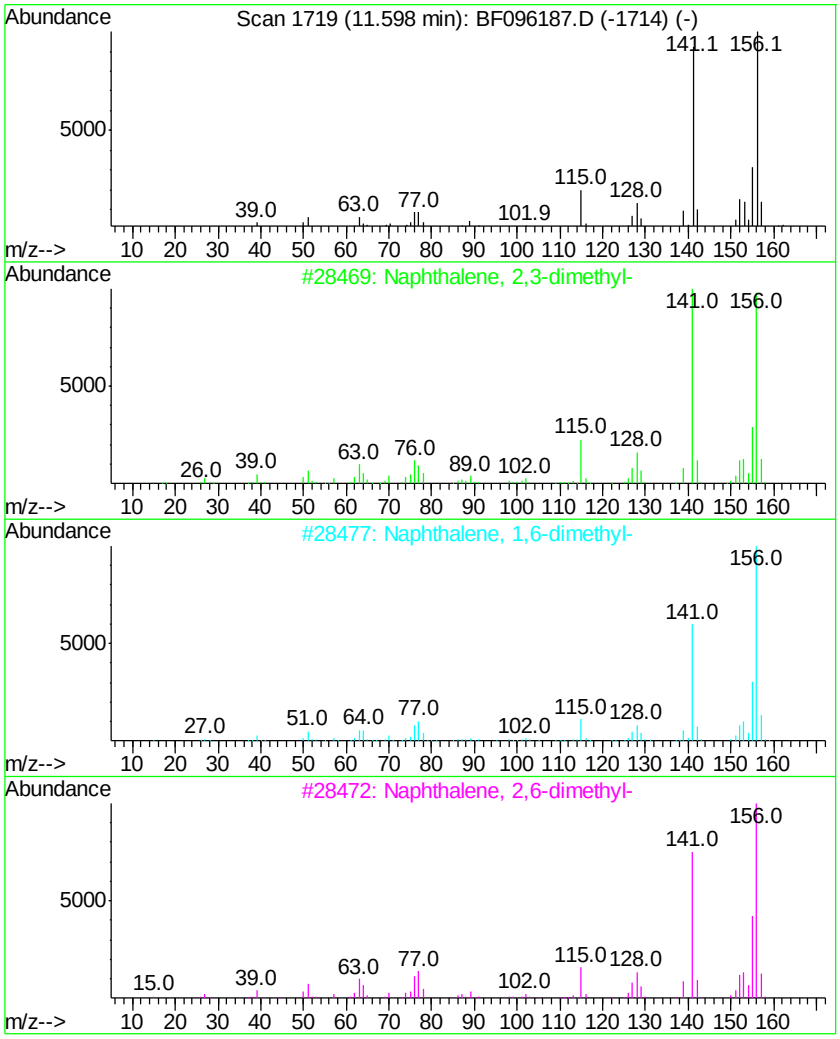
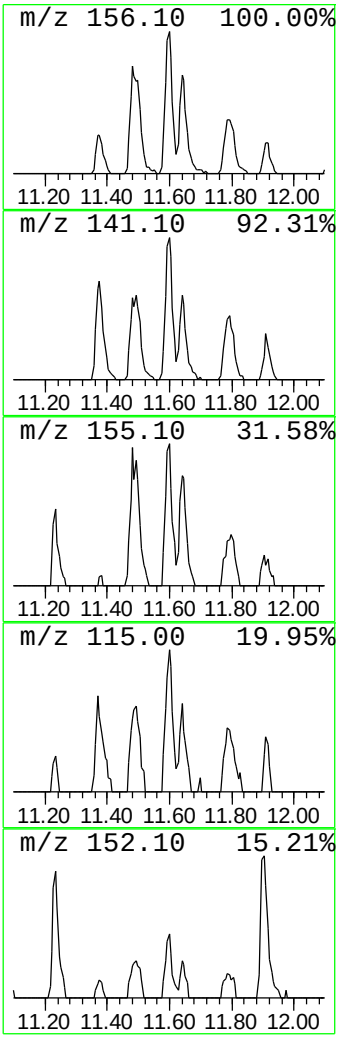
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.38 ng	107430	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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

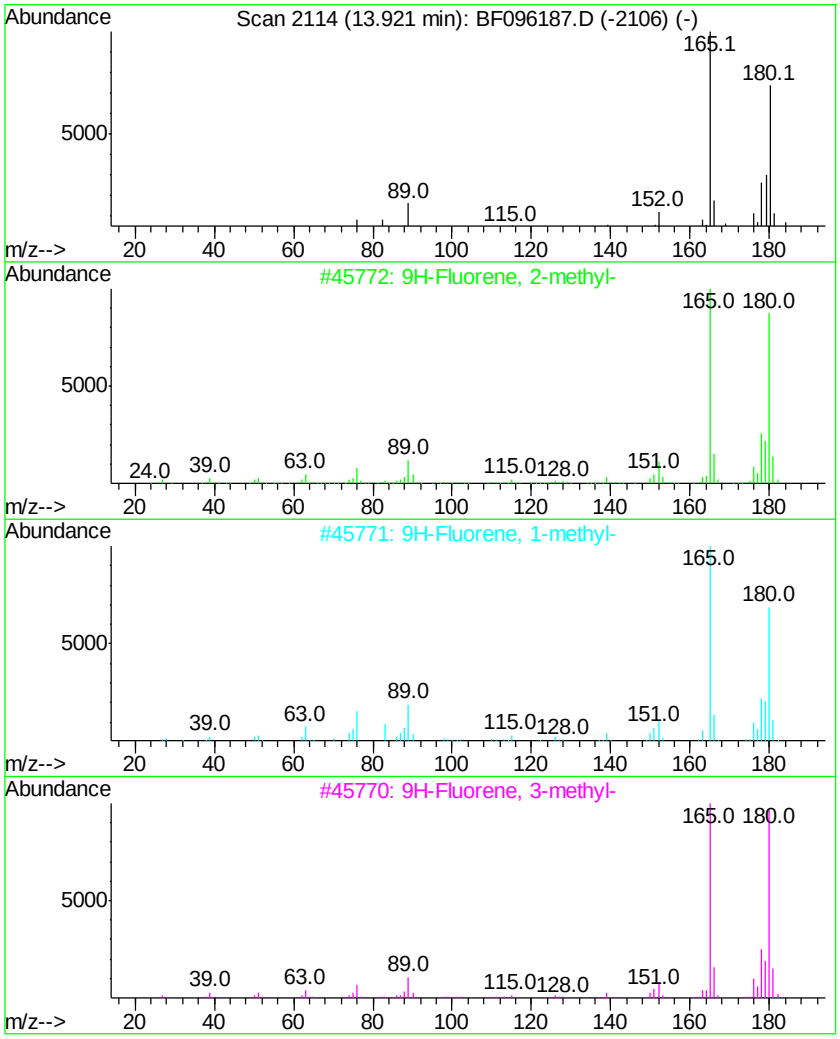
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

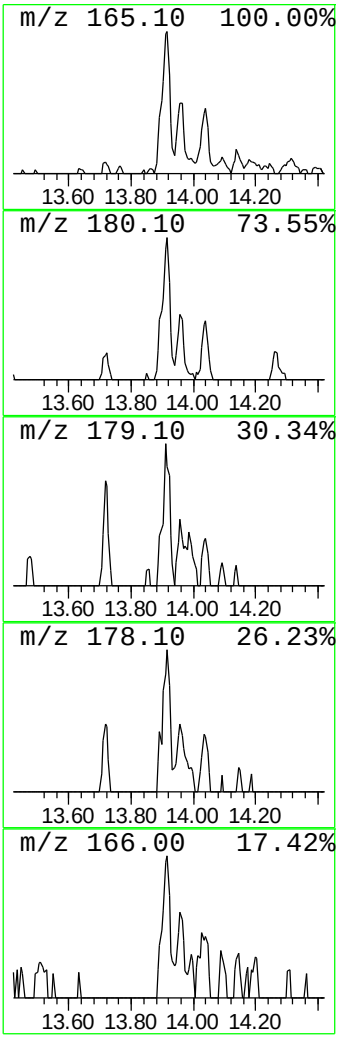
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.74 ng	78400	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096187.D
Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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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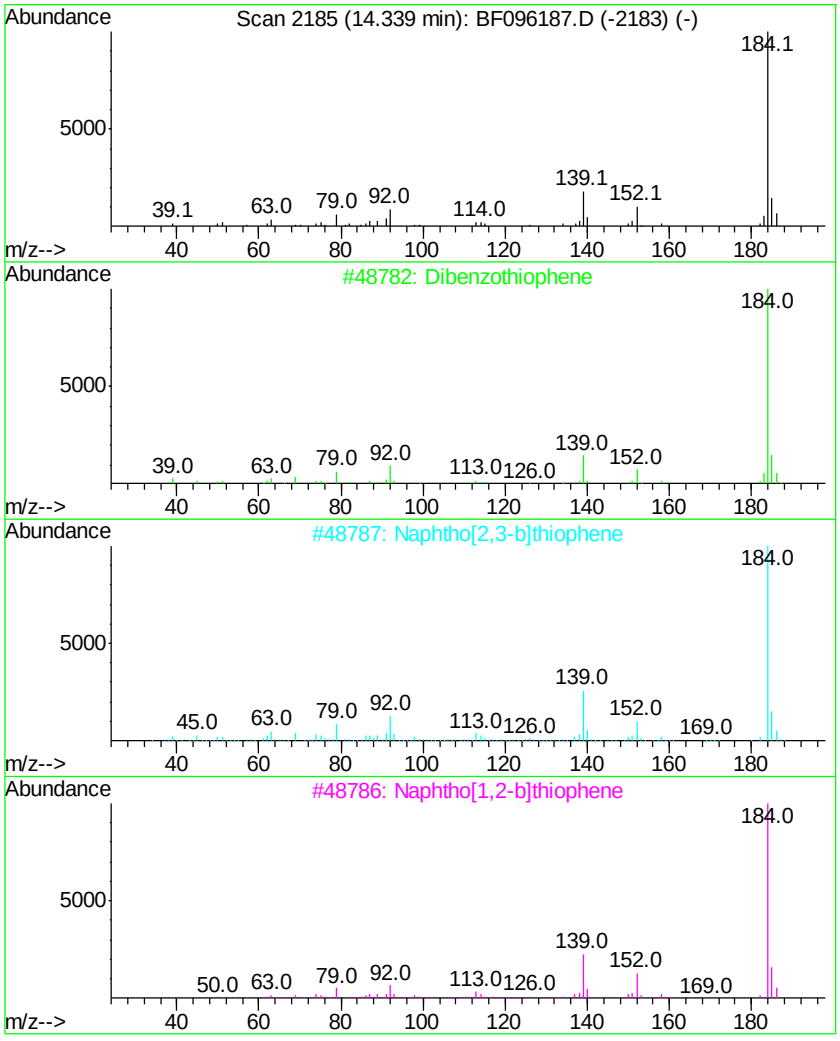
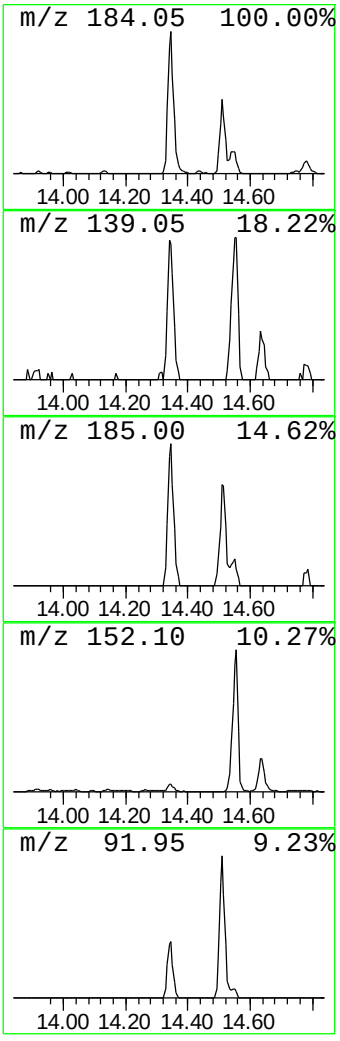
Peak Number 6 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.03 ng	105412	Phenanthrene-d10	14.51

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[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 24 Jun 2017 13:27
Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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

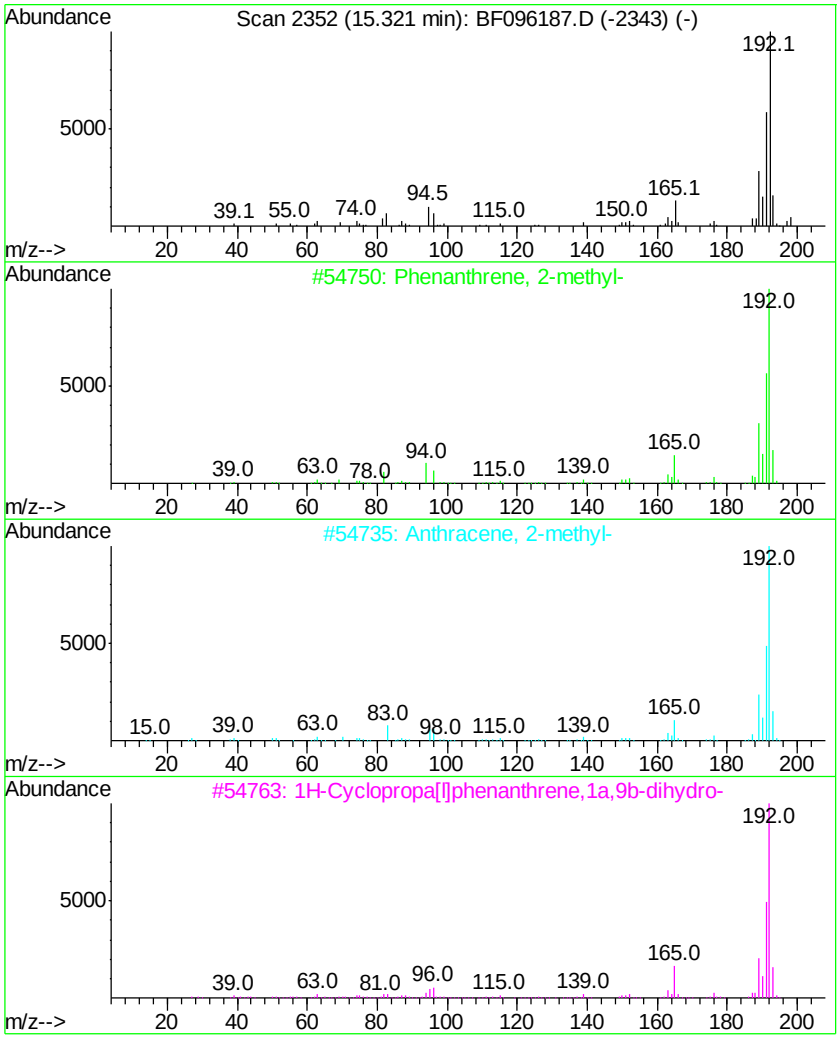
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

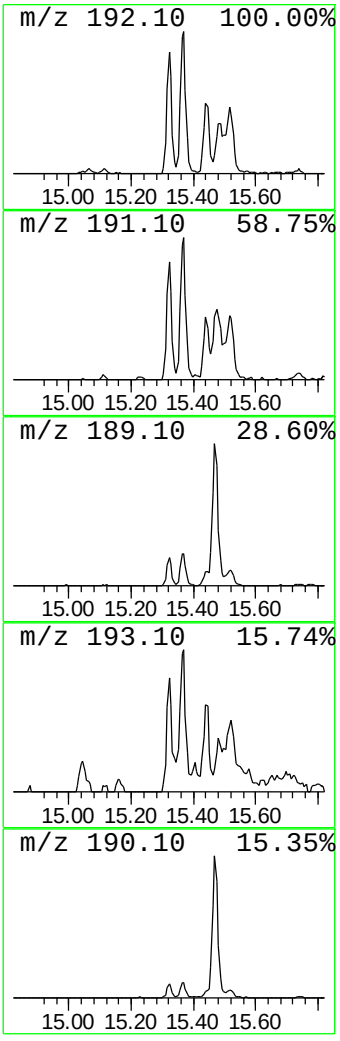
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	7.88 ng	165162	Phenanthrene-d10	14.51

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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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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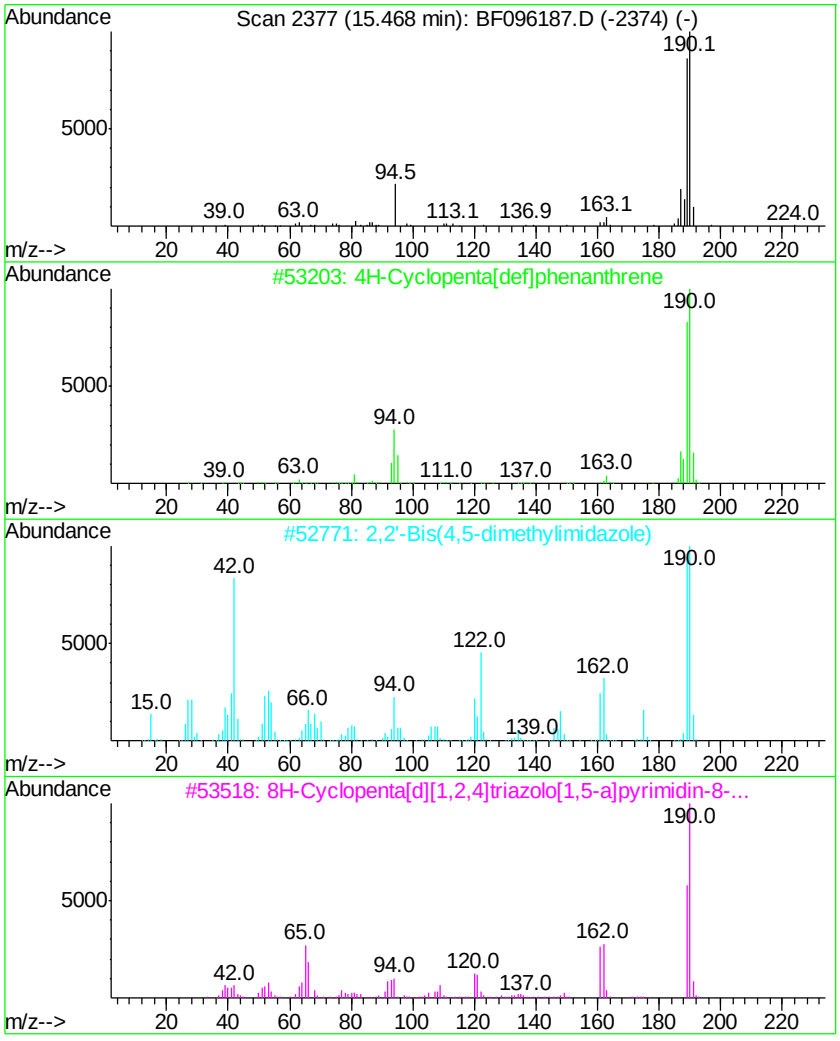
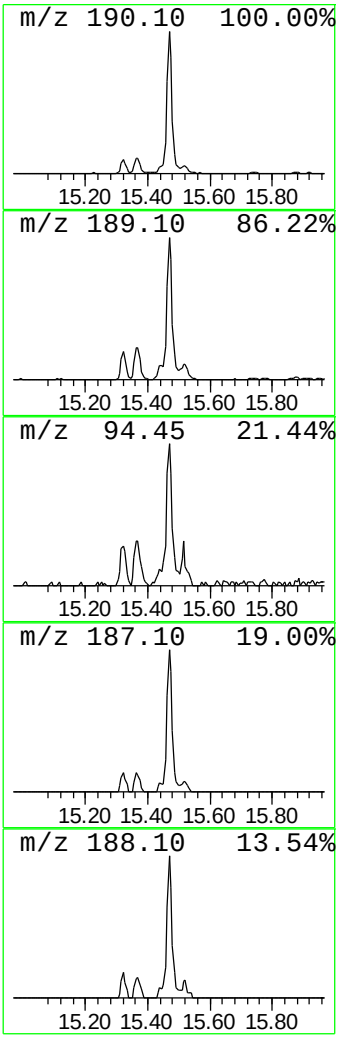
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	14.31 ng	299913	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	72
3	8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	45
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	45





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Sample : I3872-07 5X
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : HR-05-062217-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

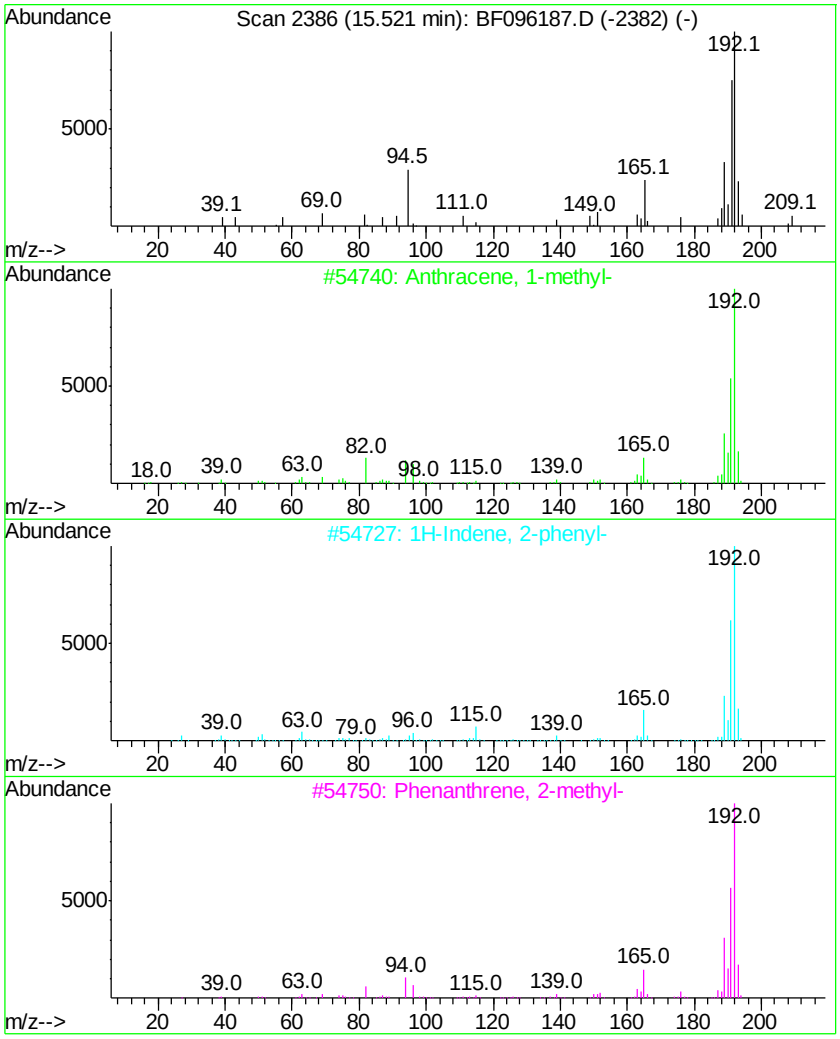
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

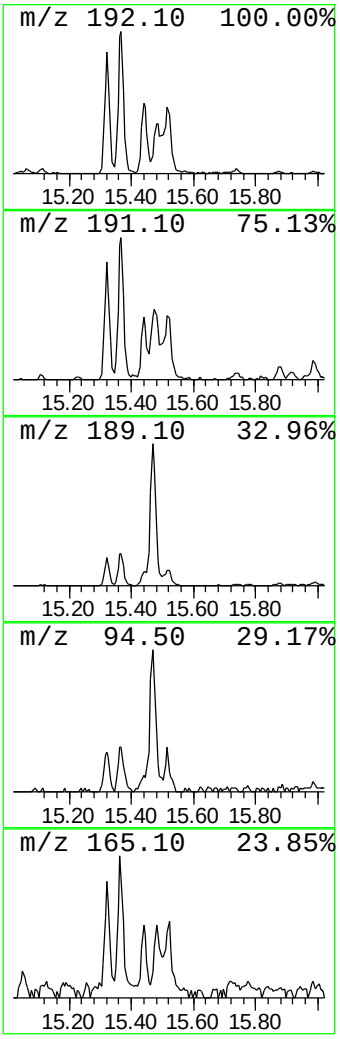
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.31 ng	90442	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	64
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64





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Sample : I3872-07 5X
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : HR-05-062217-C

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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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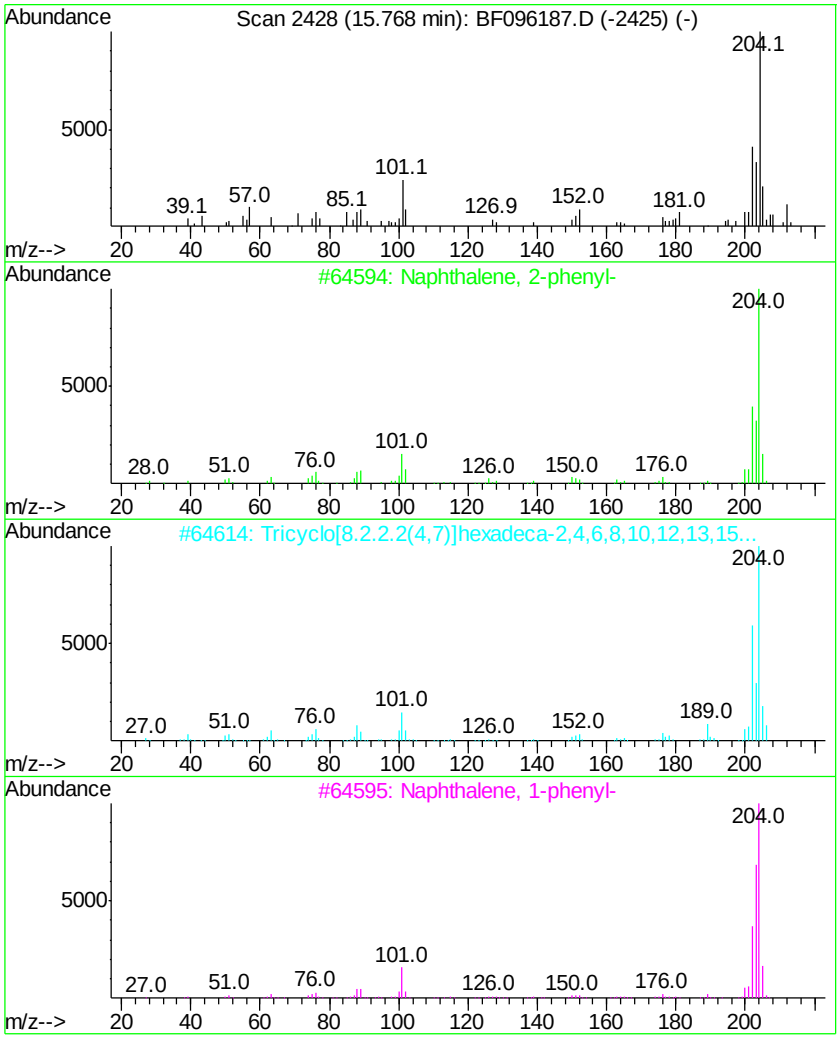
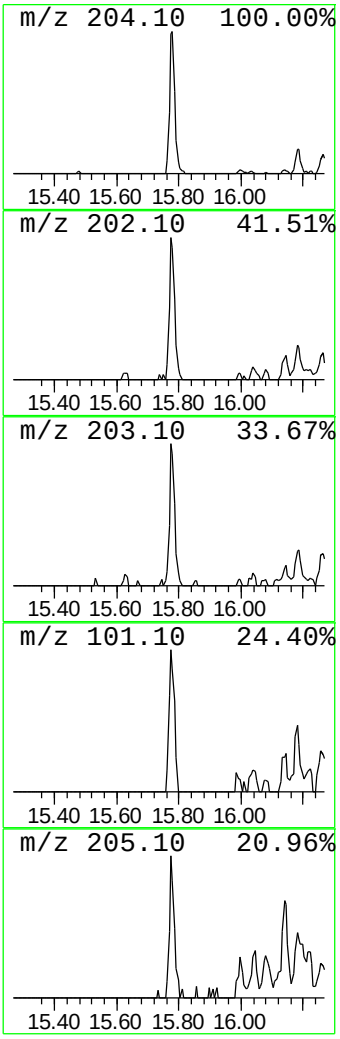
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.53 ng	116001	Phenanthrene-d10	14.51

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	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55





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Sample : I3872-07 5X
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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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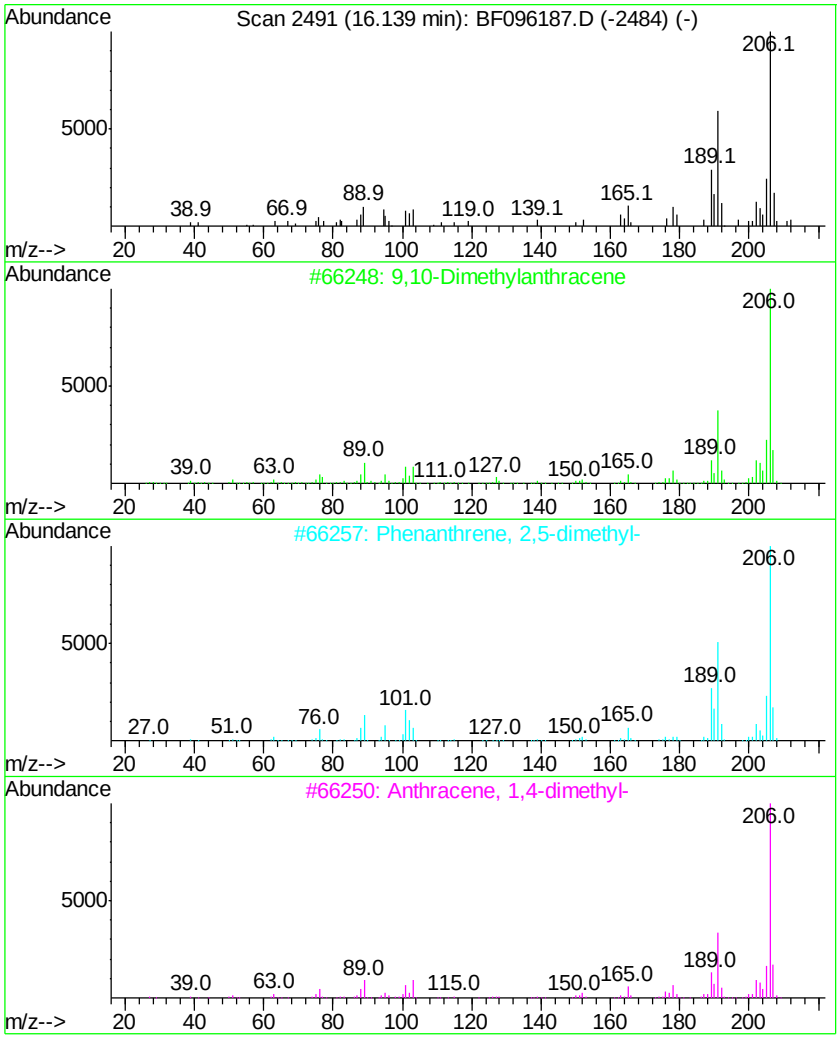
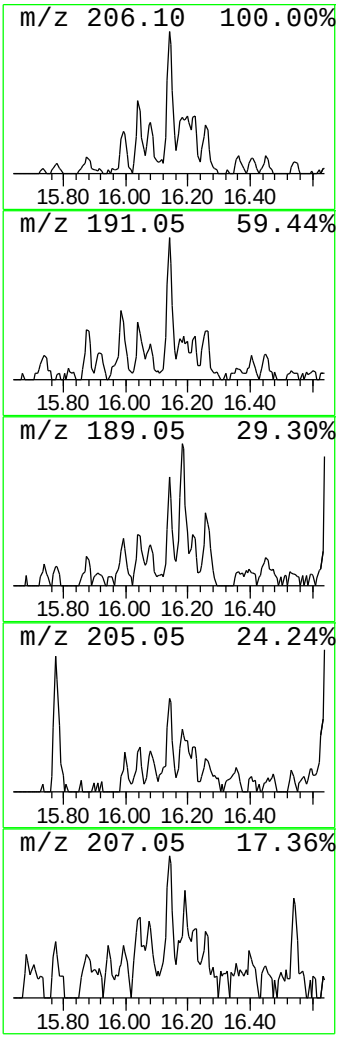
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.63 ng	76114	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





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ClientSampleId : HR-05-062217-C

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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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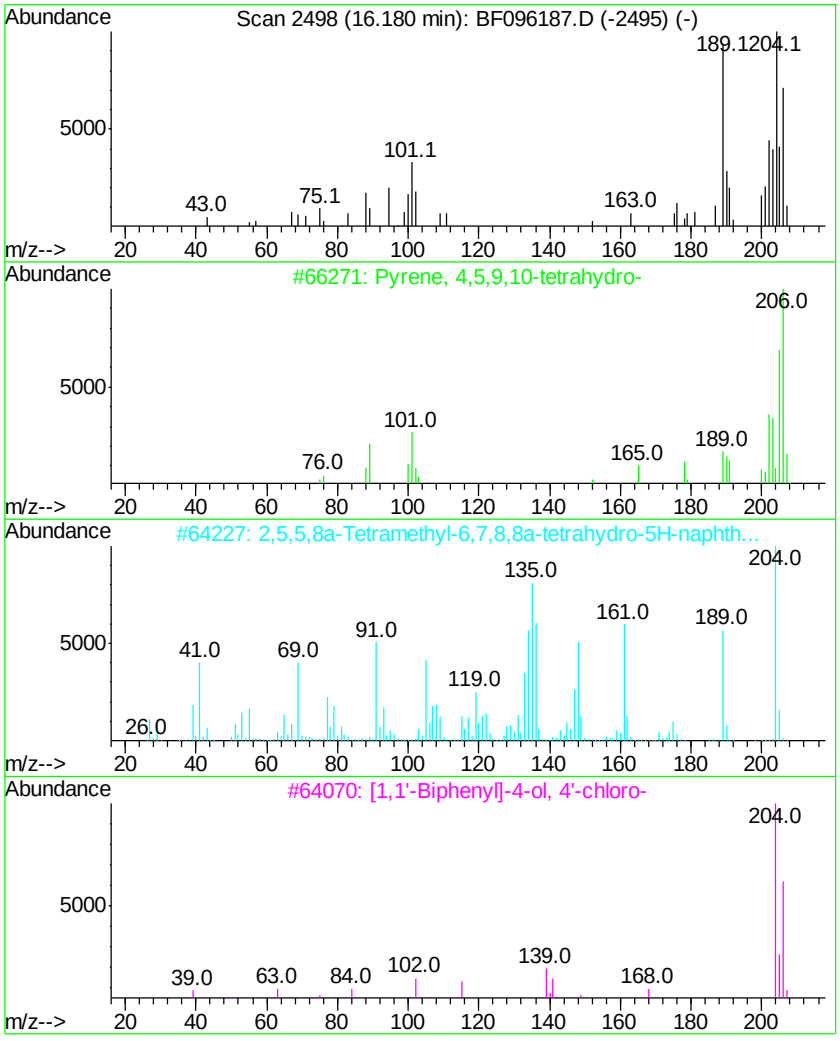
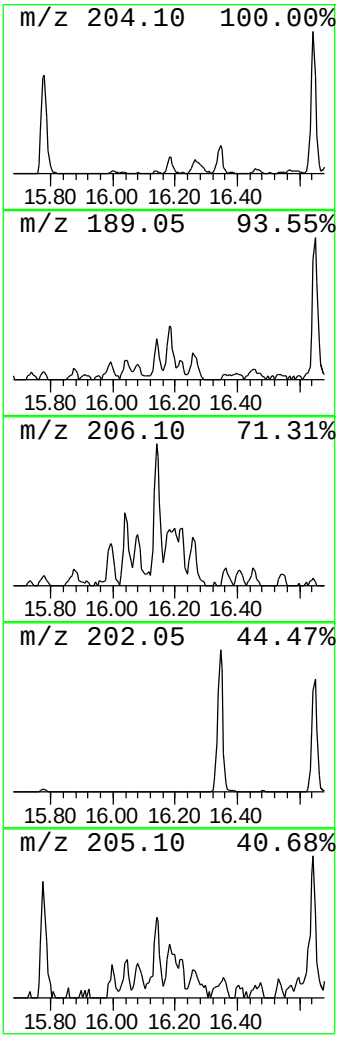
Peak Number 14 unknown16.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.91 ng	60938	Phenanthrene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25
4	Tetramisole	204	C11H12N2S	005036-02-2	22
5	Levamisole	204	C11H12N2S	014769-73-4	22





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Sample : I3872-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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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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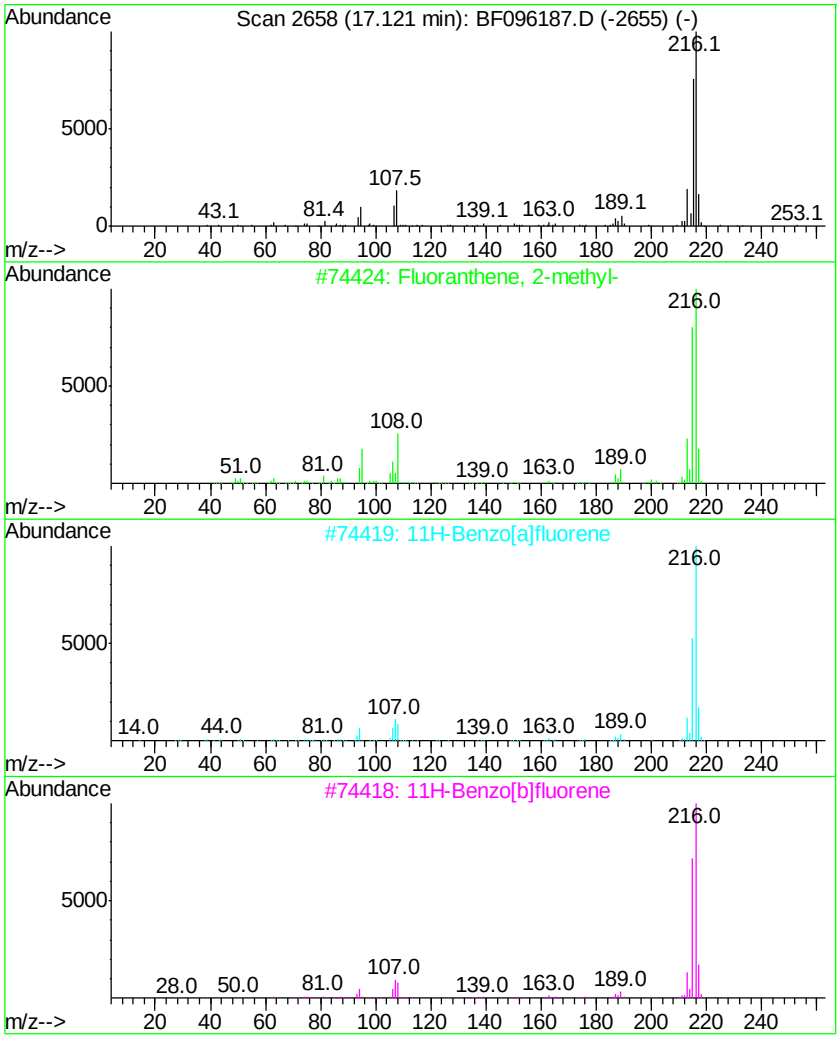
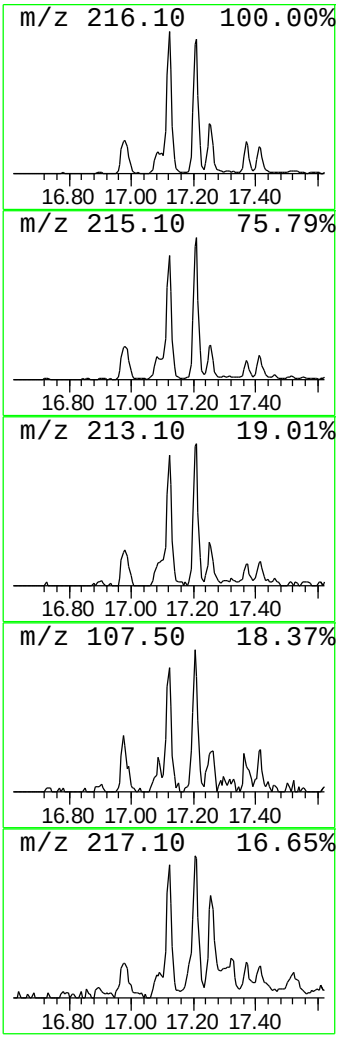
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	4.22 ng	234172	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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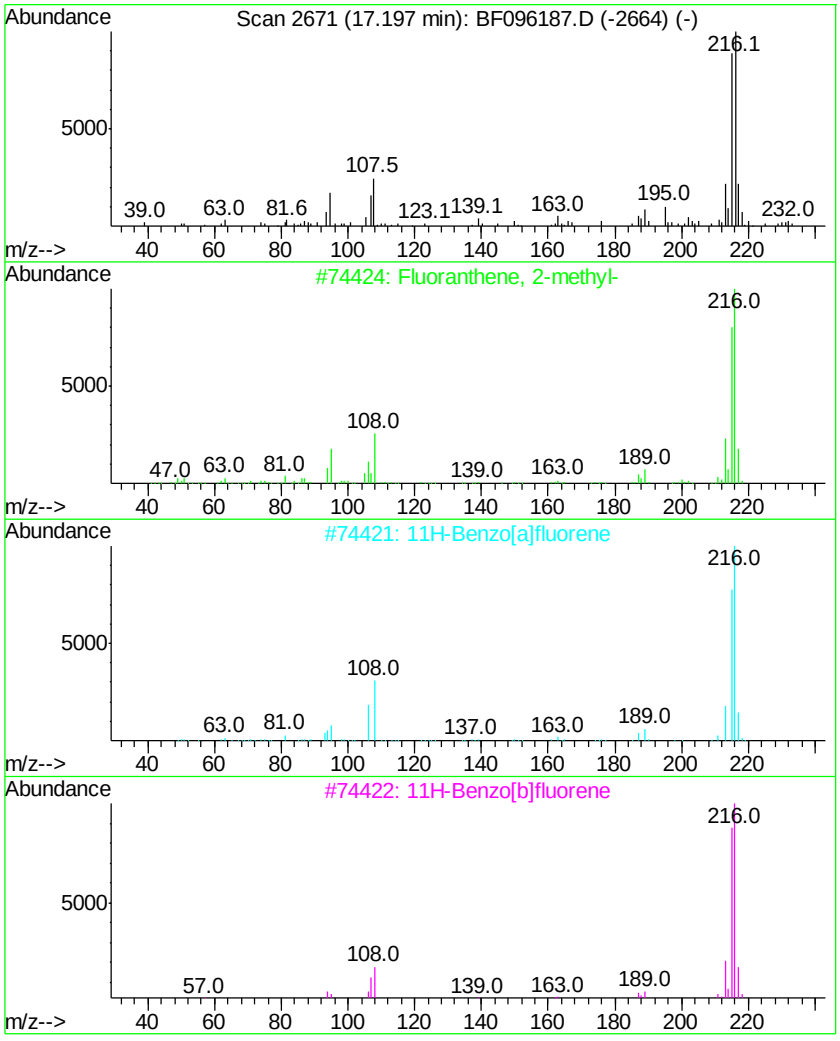
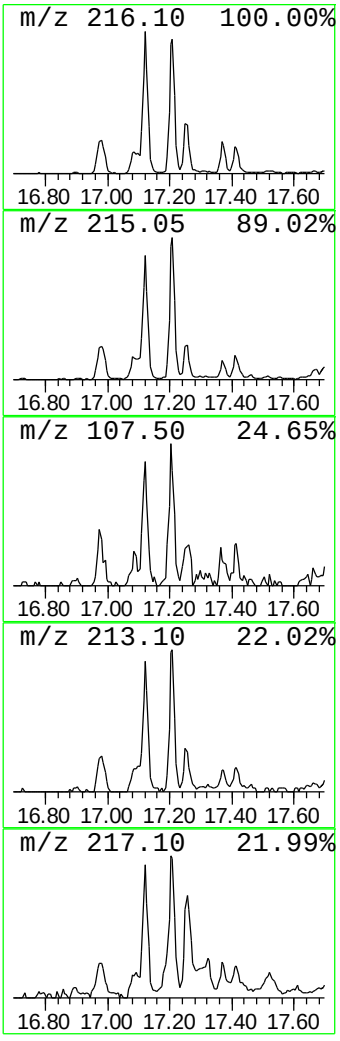
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	5.66 ng	314225	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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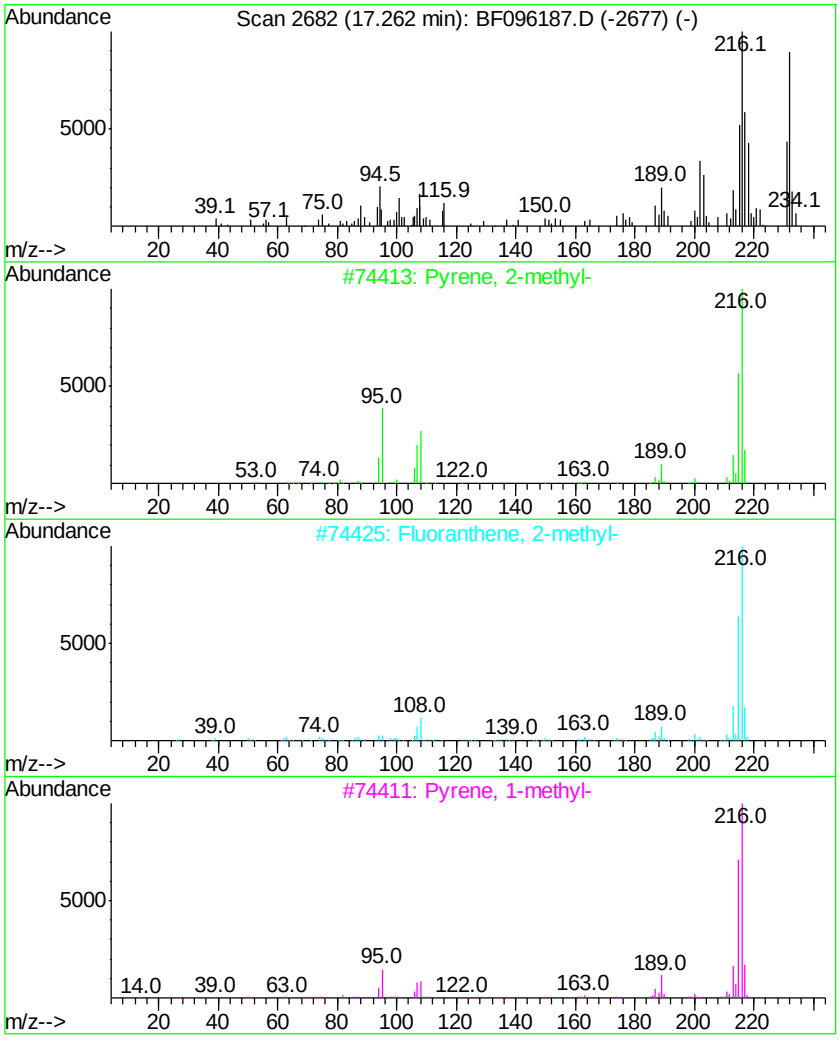
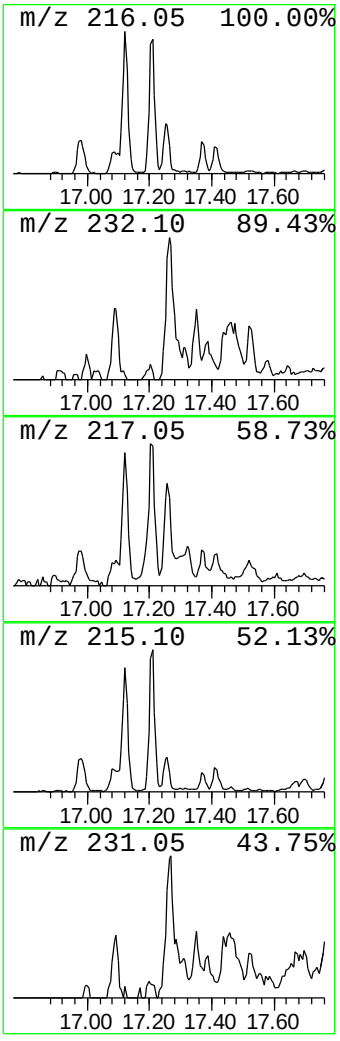
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.12 ng	173037	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	46





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ClientSampleId : HR-05-062217-C

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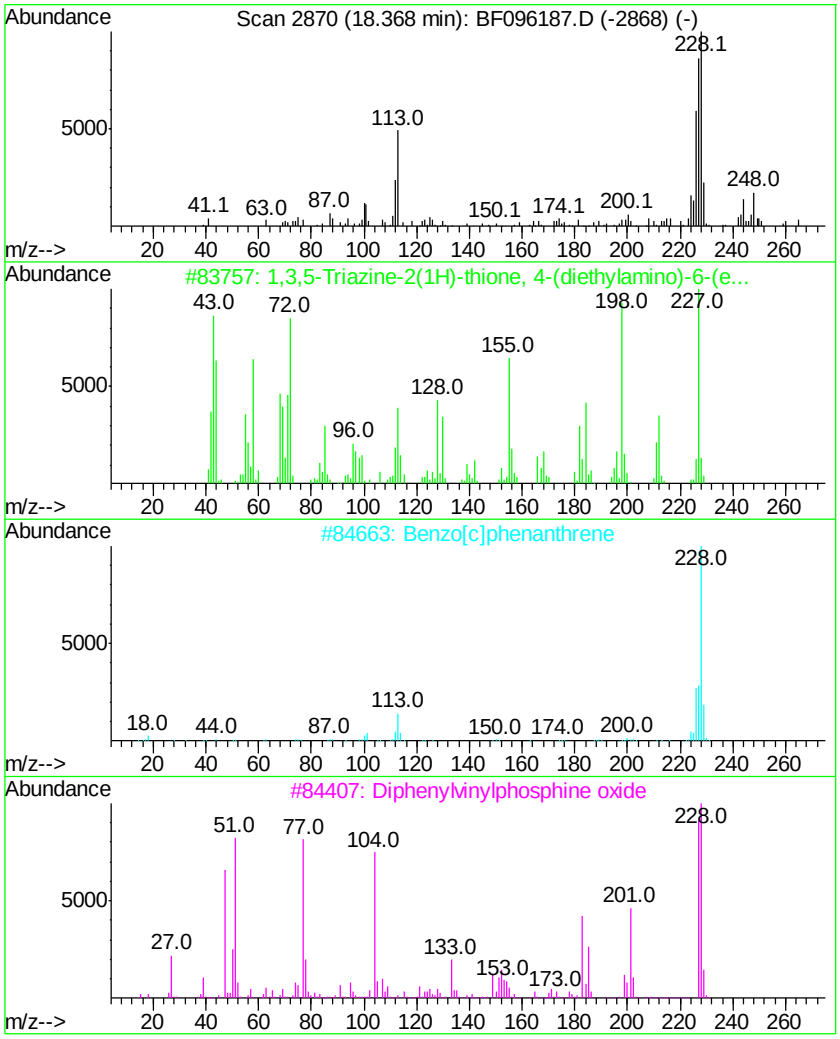
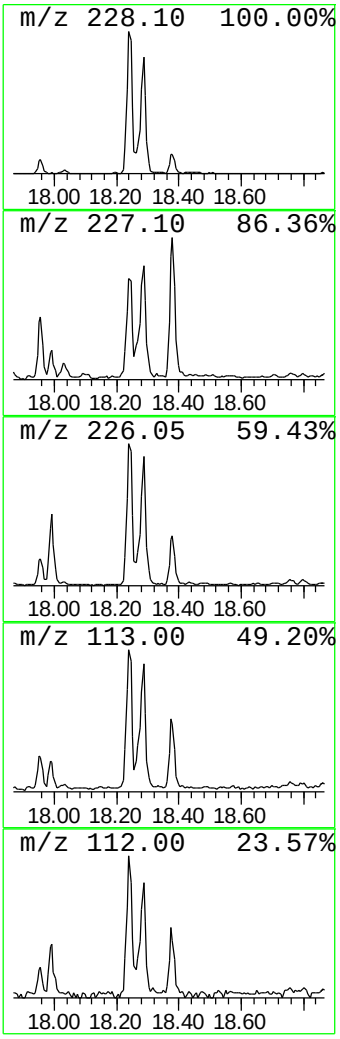
Peak Number 18 1,3,5-Triazine-2(1H)-thione... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.17 ng	175774	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	50
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





Library Search Compound Report

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Operator : SJ/MA
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Misc :
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Instrument : BNA_F
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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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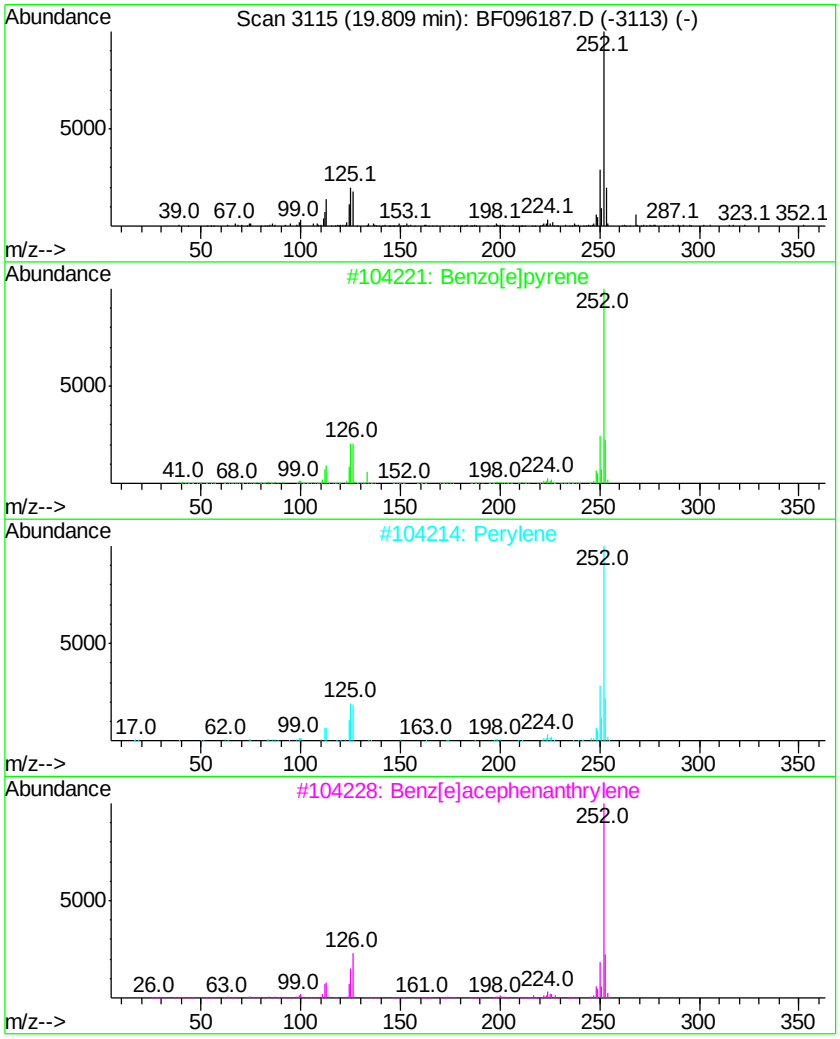
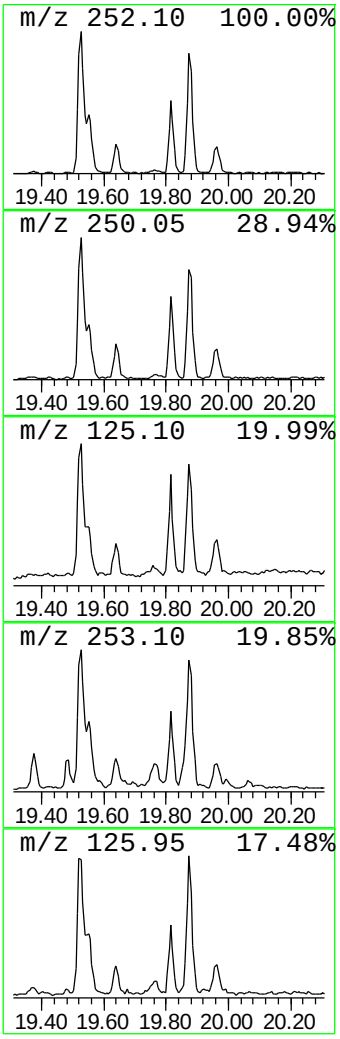
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	16.28 ng	240951	Perylene-d12	19.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
Sample : I3872-07 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-062217-C

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	10.61	8.1	ng	211387	2	9.29	520052	20.0
Naphthalene, 2,6-...	11.48	4.2	ng	101984	3	12.12	490561	20.0
Naphthalene, 2,3-...	11.60	4.4	ng	107430	3	12.12	490561	20.0
9H-Fluorene, 2-me...	13.92	3.7	ng	78400	4	14.51	419199	20.0
Dibenzothiophene	14.34	5.0	ng	105412	4	14.51	419199	20.0
Phenanthrene, 2-m...	15.32	7.9	ng	165162	4	14.51	419199	20.0
4H-Cyclopenta[def...	15.47	14.3	ng	299913	4	14.51	419199	20.0
Anthracene, 1-met...	15.52	4.3	ng	90442	4	14.51	419199	20.0
Naphthalene, 2-ph...	15.77	5.5	ng	116001	4	14.51	419199	20.0
9,10-Dimethylanth...	16.14	3.6	ng	76114	4	14.51	419199	20.0
unknown16.18	16.18	2.9	ng	60938	4	14.51	419199	20.0
Fluoranthene, 2-m...	17.12	4.2	ng	234172	5	18.25	1109360	20.0
Pyrene, 1-methyl-	17.20	5.7	ng	314225	5	18.25	1109360	20.0
Pyrene, 2-methyl-	17.26	3.1	ng	173037	5	18.25	1109360	20.0
1,3,5-Triazine-2(...	18.37	3.2	ng	175774	5	18.25	1109360	20.0
Benzo[e]pyrene	19.81	16.3	ng	240951	6	19.93	295961	20.0