LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094815.D
Acq On : 3 May 2017 2:48
Operator : SJ/MA
Sample : I2920-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

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-BF050217.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	5.007	518	522	538	rBV	60835	109965	6.18%	0.419%
2	5.666	630	634	653	rBV	451438	770755	43.32%	2.934%
3	6.148	713	716	724	rBV	72925	112846	6.34%	0.430%
4	7.260	901	905	922	rBV	525850	814169	45.76%	3.100%
5	7.384	922	926	935	rVB	707447	901232	50.65%	3.431%
6	7.725	980	984	992	rBV	500080	555614	31.23%	2.115%
7	7.960	1020	1024	1039	rVB	572384	647980	36.42%	2.467%
8	8.613	1131	1135	1152	rBV	357395	475403	26.72%	1.810%
9	9.748	1323	1328	1332	rBV	590240	704498	39.60%	2.682%
10	11.519	1625	1629	1641	rBV	929453	1038740	58.38%	3.954%
11	11.730	1662	1665	1674	rVB5	15701	27649	1.55%	0.105%
12	12.213	1743	1747	1753	rBV	66102	94923	5.34%	0.361%
13	12.348	1767	1770	1776	rBV2	15708	26846	1.51%	0.102%
14	12.577	1804	1809	1813	rBV2	634087	781938	43.95%	2.977%
15	12.624	1814	1817	1825	rVB	75010	103397	5.81%	0.394%
16	12.924	1864	1868	1870	rBV	26133	32373	1.82%	0.123%
17	13.424	1947	1953	1956	rBV3	33316	38149	2.14%	0.145%
18	13.471	1956	1961	1967	rVV	80442	101382	5.70%	0.386%
19	13.748	2004	2008	2011	rBV	20677	28365	1.59%	0.108%
20	13.871	2024	2029	2040	rBV	367865	523118	29.40%	1.991%
21	14.201	2081	2085	2087	rBV	26608	37944	2.13%	0.144%
22	14.371	2108	2114	2117	rBV	27390	43495	2.44%	0.166%
23	14.413	2117	2121	2125	rVB3	17376	25673	1.44%	0.098%
24	14.501	2131	2136	2141	rVB6	17025	32077	1.80%	0.122%
25	14.601	2149	2153	2157	rBV5	19711	27852	1.57%	0.106%
26	14.689	2165	2168	2176	rVB7	16163	31076	1.75%	0.118%
27	14.771	2176	2182	2185	rBV4	22291	35055	1.97%	0.133%
28	14.807	2185	2188	2192	rVB	40040	45669	2.57%	0.174%
29	14.930	2205	2209	2212	rBV2	25561	27399	1.54%	0.104%
30	14.977	2212	2217	2220	rVV	594874	740710	41.63%	2.820%
31	15.013	2220	2223	2228	rVV	685607	764102	42.95%	2.909%
32	15.095	2232	2237	2244	rVB	244836	295716	16.62%	1.126%
33	15.189	2247	2253	2257	rBV3	24358	39911	2.24%	0.152%
34	15.377	2280	2285	2289	rBV	30980	44179	2.48%	0.168%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.418	2289	2292	2297	rVB6	13405	25318	1.42%	0.096%
36	15.465	2297	2300	2303	rBV	25672	34336	1.93%	0.131%
37	15.618	2323	2326	2331	rVB3	15563	24280	1.36%	0.092%
38	15.754	2346	2349	2353	rBV	123615	142085	7.99%	0.541%
39	15.795	2353	2356	2361	rVV	163392	183451	10.31%	0.698%
40	15.865	2365	2368	2371	rBV	83964	88700	4.99%	0.338%
41	15.907	2371	2375	2379	rVV2	256154	330728	18.59%	1.259%
42	15.948	2379	2382	2388	rVB	117090	149152	8.38%	0.568%
43	16.107	2404	2409	2415	rVV7	22648	44155	2.48%	0.168%
44	16.201	2419	2425	2428	rVV	100304	133932	7.53%	0.510%
45	16.236	2428	2431	2435	rVB2	47774	54813	3.08%	0.209%
46	16.412	2457	2461	2464	rBV2	28396	47696	2.68%	0.182%
47	16.454	2465	2468	2470	rVV	41724	38069	2.14%	0.145%
48	16.483	2471	2473	2479	rVB	32066	37592	2.11%	0.143%
49	16.554	2480	2485	2488	rBV	111700	154616	8.69%	0.589%
50	16.595	2488	2492	2496	rVV3	73660	110440	6.21%	0.420%
51	16.630	2496	2498	2500	rVV	32105	24230	1.36%	0.092%
52	16.665	2500	2504	2511	rVB4	85848	158858	8.93%	0.605%
53	16.759	2511	2520	2524	rBV	1475288	1663077	93.47%	6.331%
54	16.801	2524	2527	2532	rVB4	38931	60857	3.42%	0.232%
55	16.854	2532	2536	2539	rBV2	66336	81636	4.59%	0.311%
56	16.883	2539	2541	2549	rVB6	27490	51613	2.90%	0.196%
57	16.954	2549	2553	2560	rBV2	70635	124544	7.00%	0.474%
58	17.059	2564	2571	2575	rBV	1451748	1779210	100.00%	6.773%
59	17.101	2575	2578	2580	rVV2	35766	31935	1.79%	0.122%
60	17.142	2580	2585	2588	rVB2	45841	70214	3.95%	0.267%
61	17.177	2588	2591	2596	rVB	36231	50361	2.83%	0.192%
62	17.242	2598	2602	2606	rBV	71733	87523	4.92%	0.333%
63	17.301	2606	2612	2617	rBV	705676	778826	43.77%	2.965%
64	17.377	2622	2625	2630	rVB2	80321	114317	6.43%	0.435%
65	17.489	2639	2644	2646	rBV5	85550	156361	8.79%	0.595%
66	17.518	2646	2649	2655	rVB	246825	286862	16.12%	1.092%
67	17.577	2655	2659	2660	rBV4	24888	33571	1.89%	0.128%
68	17.606	2660	2664	2667	rVB	204546	213375	11.99%	0.812%
69	17.648	2667	2671	2675	rBV2	194337	254470	14.30%	0.969%
70	17.765	2688	2691	2694	rVB	127166	124007	6.97%	0.472%
71	17.806	2694	2698	2701	rBV	91276	103049	5.79%	0.392%

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Sample : I2920-01 2X
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Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.036	2731	2737	2739	rBV7	42061	89538	5.03%	0.341%
73	18.189	2761	2763	2769	rVB	67939	86066	4.84%	0.328%
74	18.265	2774	2776	2779	rVB3	38268	36250	2.04%	0.138%
75	18.318	2781	2785	2788	rBV	115177	151993	8.54%	0.579%
76	18.354	2788	2791	2793	rVV	125145	129185	7.26%	0.492%
77	18.377	2793	2795	2798	rVV	112598	121102	6.81%	0.461%
78	18.412	2798	2801	2806	rVB2	82910	112068	6.30%	0.427%
79	18.459	2806	2809	2812	rBV	75037	90055	5.06%	0.343%
80	18.536	2820	2822	2825	rBV	36661	42722	2.40%	0.163%
81	18.636	2834	2839	2843	rBV2	918047	1457012	81.89%	5.547%
82	18.677	2843	2846	2849	rVB	721911	753650	42.36%	2.869%
83	18.771	2858	2862	2865	rVB2	158554	187241	10.52%	0.713%
84	18.842	2871	2874	2877	rBV	47219	48886	2.75%	0.186%
85	18.912	2883	2886	2889	rVB2	80223	79062	4.44%	0.301%
86	18.953	2891	2893	2899	rVB3	61791	93421	5.25%	0.356%
87	19.101	2915	2918	2920	rBV2	68824	78733	4.43%	0.300%
88	19.142	2923	2925	2928	rVV	154341	163570	9.19%	0.623%
89	19.183	2930	2932	2938	rVB	87412	89065	5.01%	0.339%
90	19.259	2942	2945	2948	rVB	102790	103747	5.83%	0.395%
91	19.295	2948	2951	2953	rBV3	81177	119730	6.73%	0.456%
92	19.906	3050	3055	3058	rBV	796605	1206891	67.83%	4.595%
93	20.012	3071	3073	3078	rVB	159650	170437	9.58%	0.649%
94	20.195	3101	3104	3108	rBV	411223	454023	25.52%	1.728%
95	20.253	3110	3114	3120	rBV	640970	788773	44.33%	3.003%
96	20.312	3120	3124	3127	rBV	430659	512544	28.81%	1.951%
97	20.336	3127	3128	3133	rVB	154854	146780	8.25%	0.559%
98	21.294	3288	3291	3296	rVB3	113439	163317	9.18%	0.622%
99	21.600	3339	3343	3350	rVB2	273508	481310	27.05%	1.832%
100	21.977	3402	3407	3417	rBV	202513	381924	21.47%	1.454%

Sum of corrected areas: 26267554

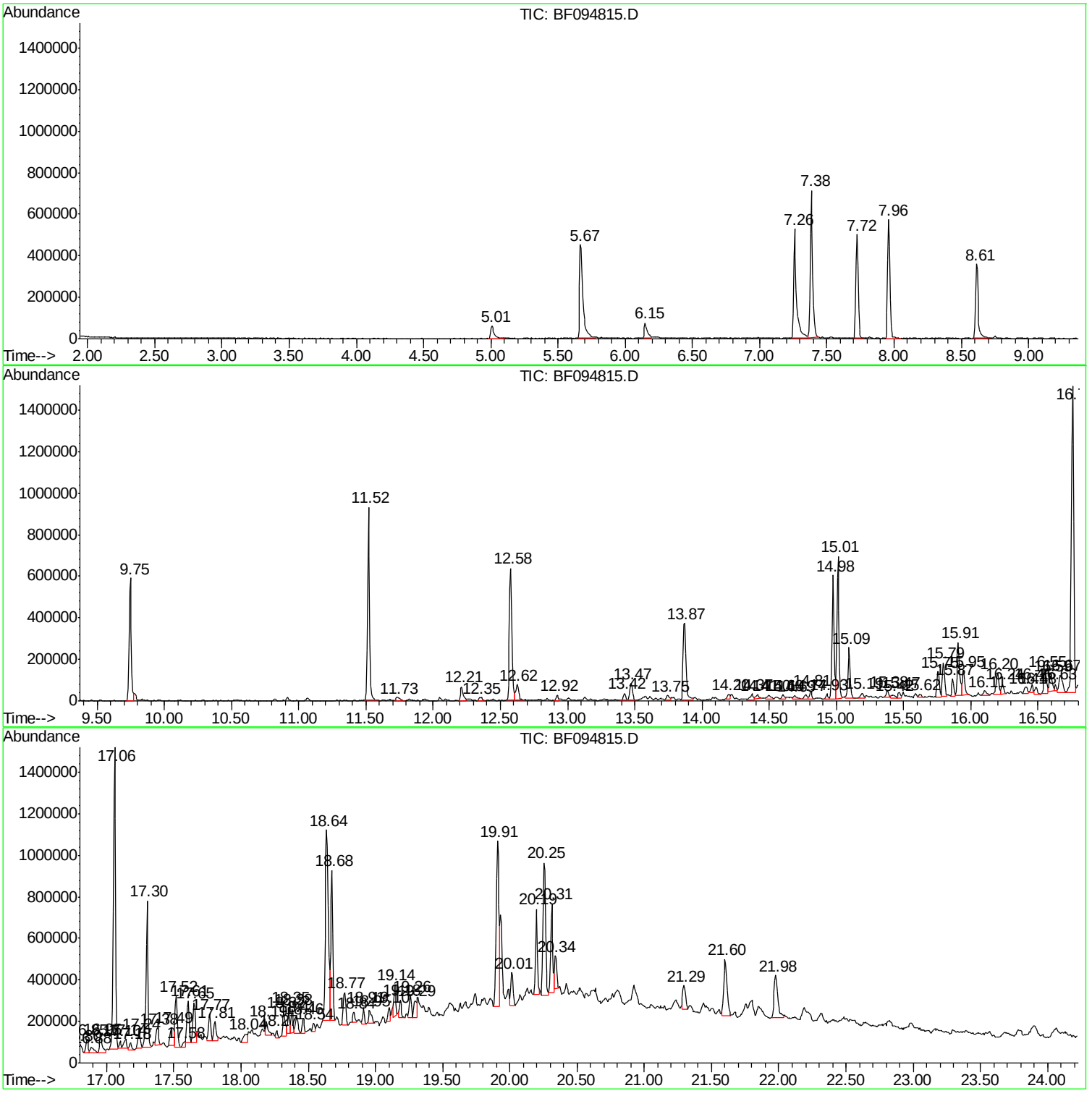
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094815.D
Acq On : 3 May 2017 2:48
Operator : SJ/MA
Sample : I2920-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930/72-11937/VNJ-239

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

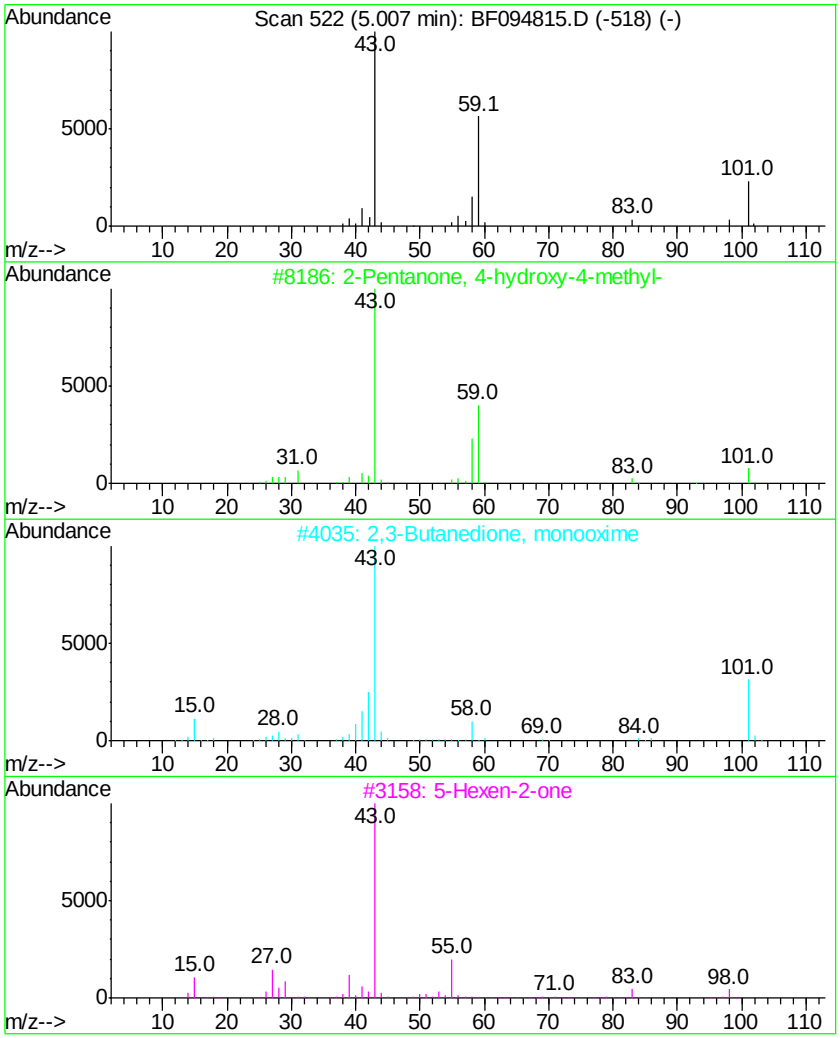
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

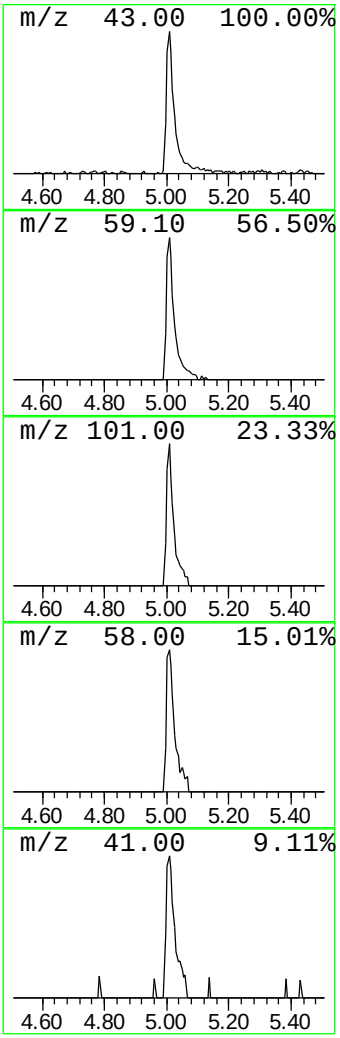
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	3.96 ng	109965	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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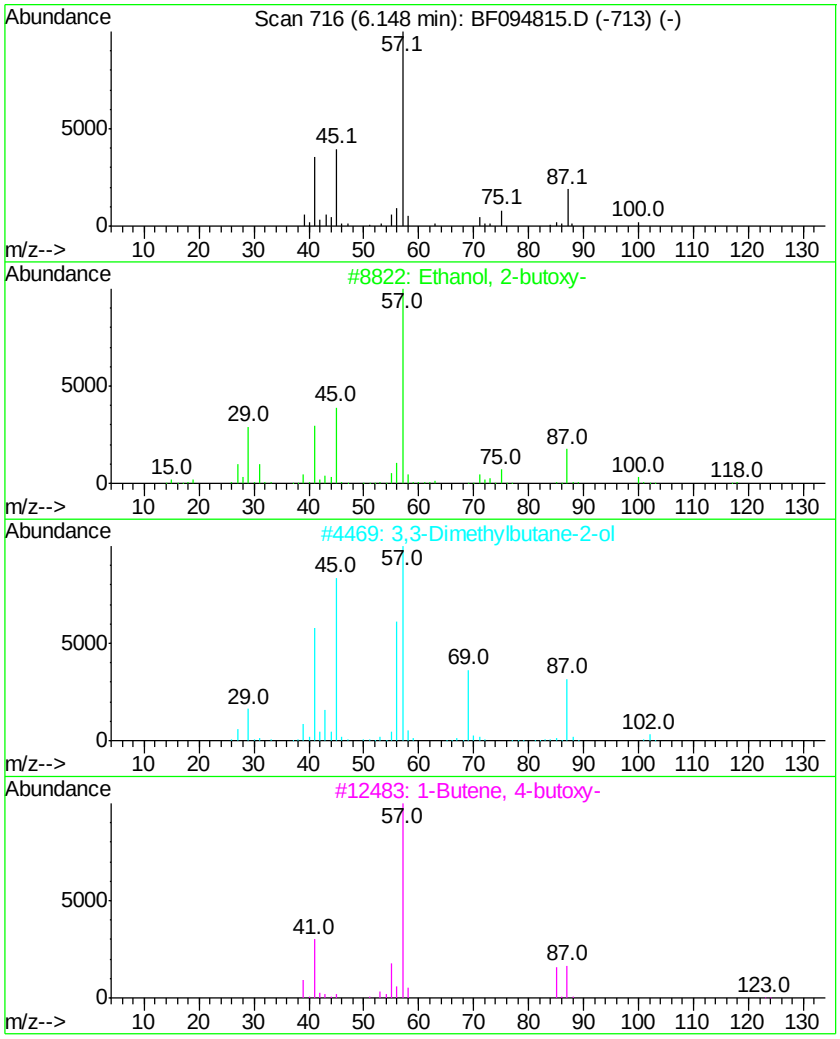
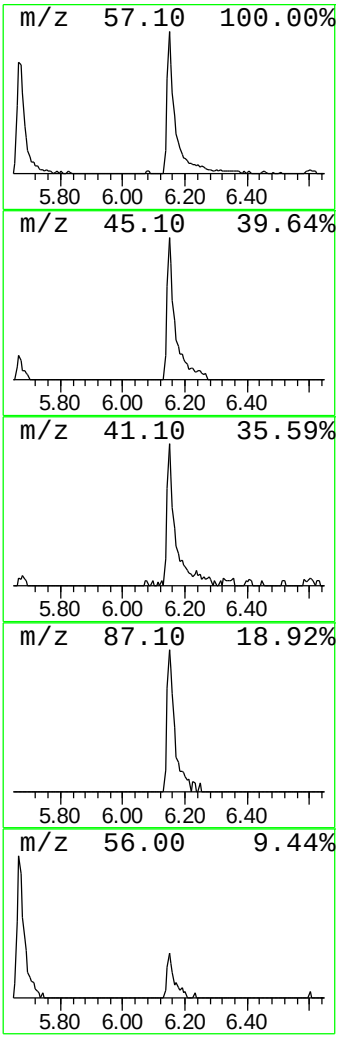
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	4.06 ng	112846	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
3	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	32
4	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	22
5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	17





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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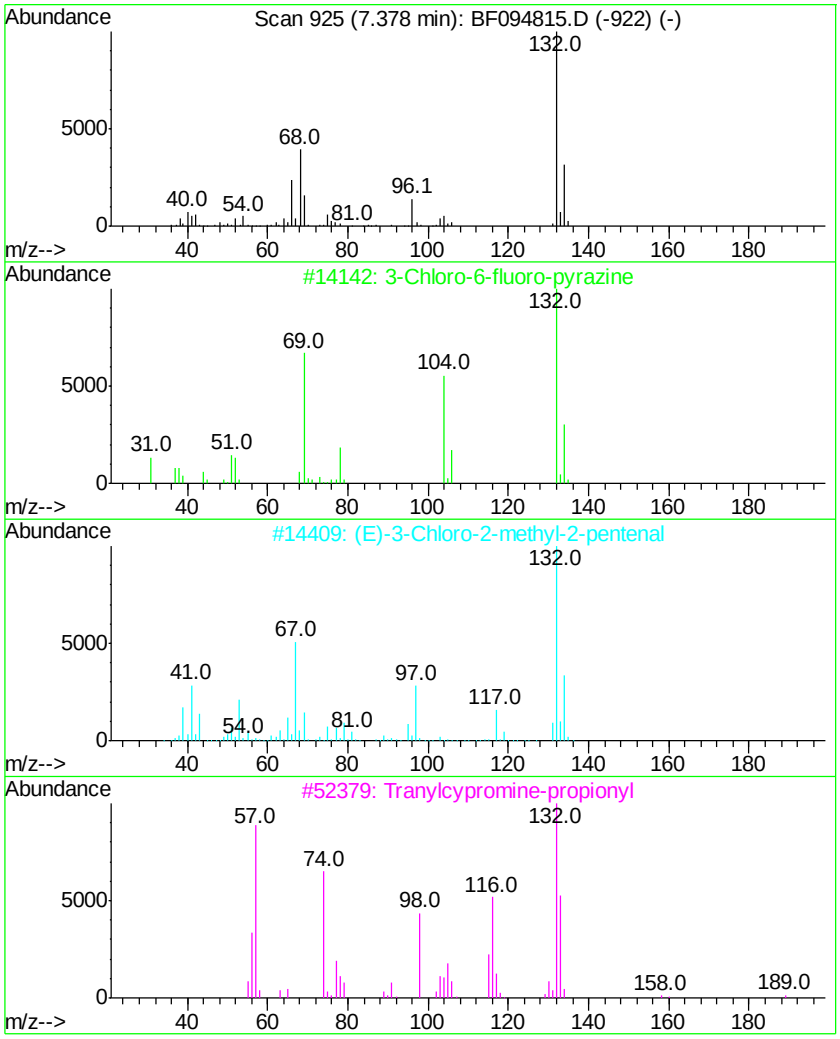
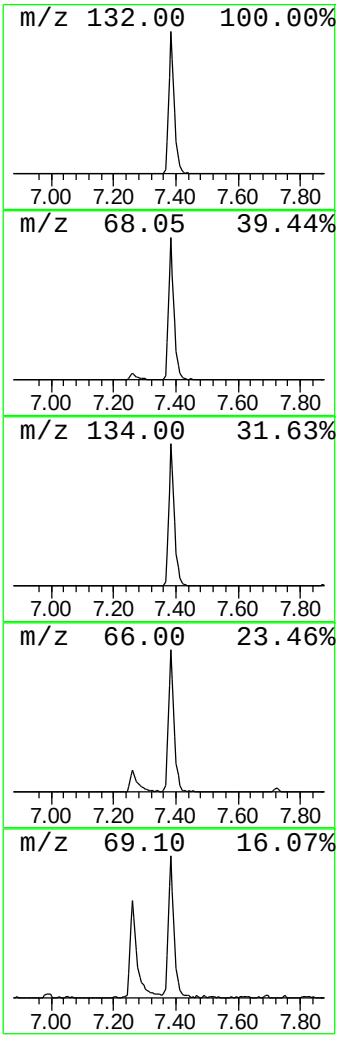
Peak Number 3 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	32.44 ng	901232	1,4-Dichlorobenzene-d4	7.72

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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

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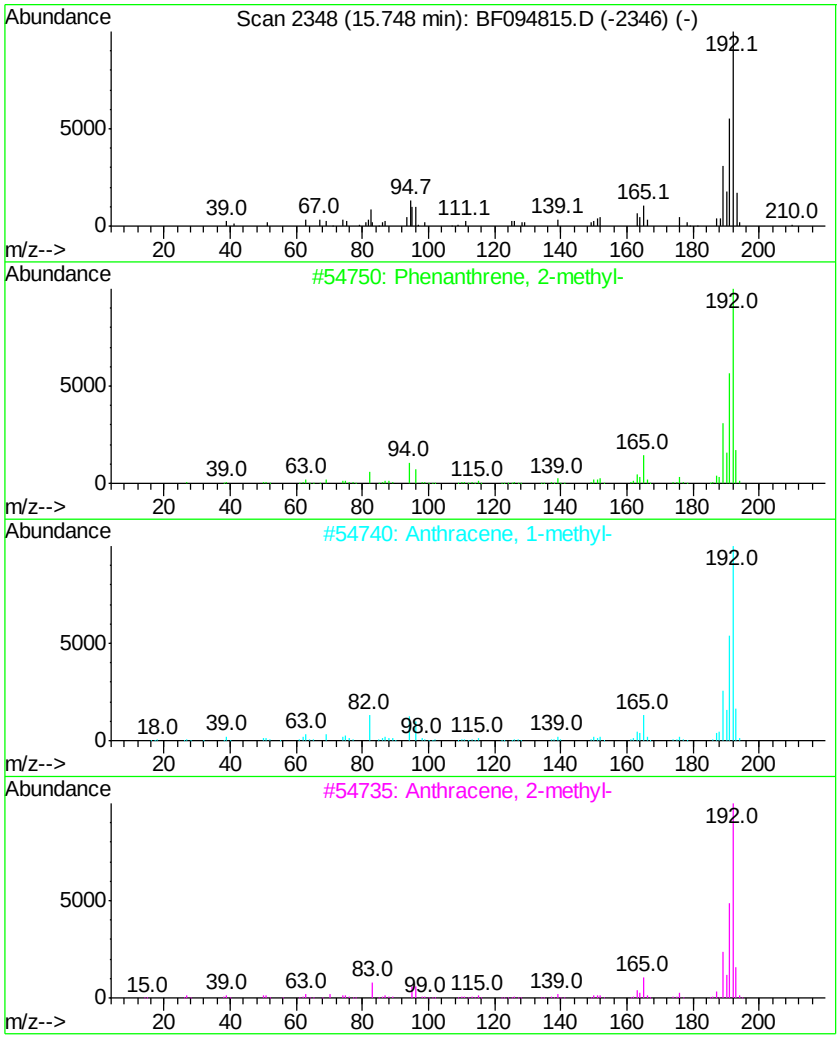
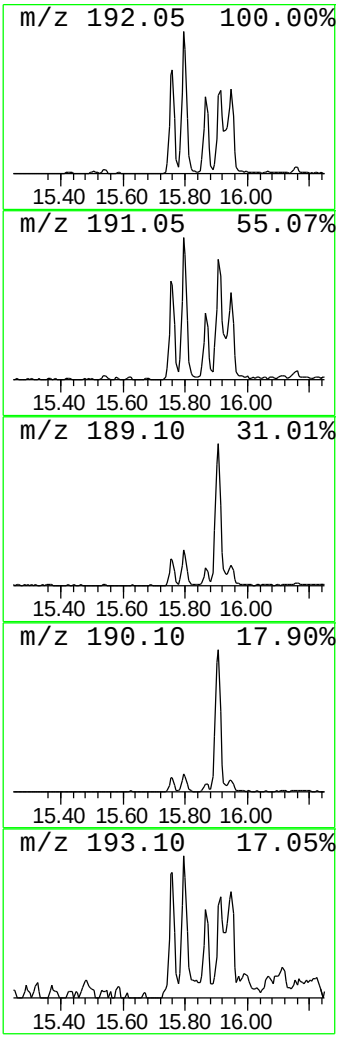
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	3.84 ng	142085	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BF094815.D
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Sample : I2920-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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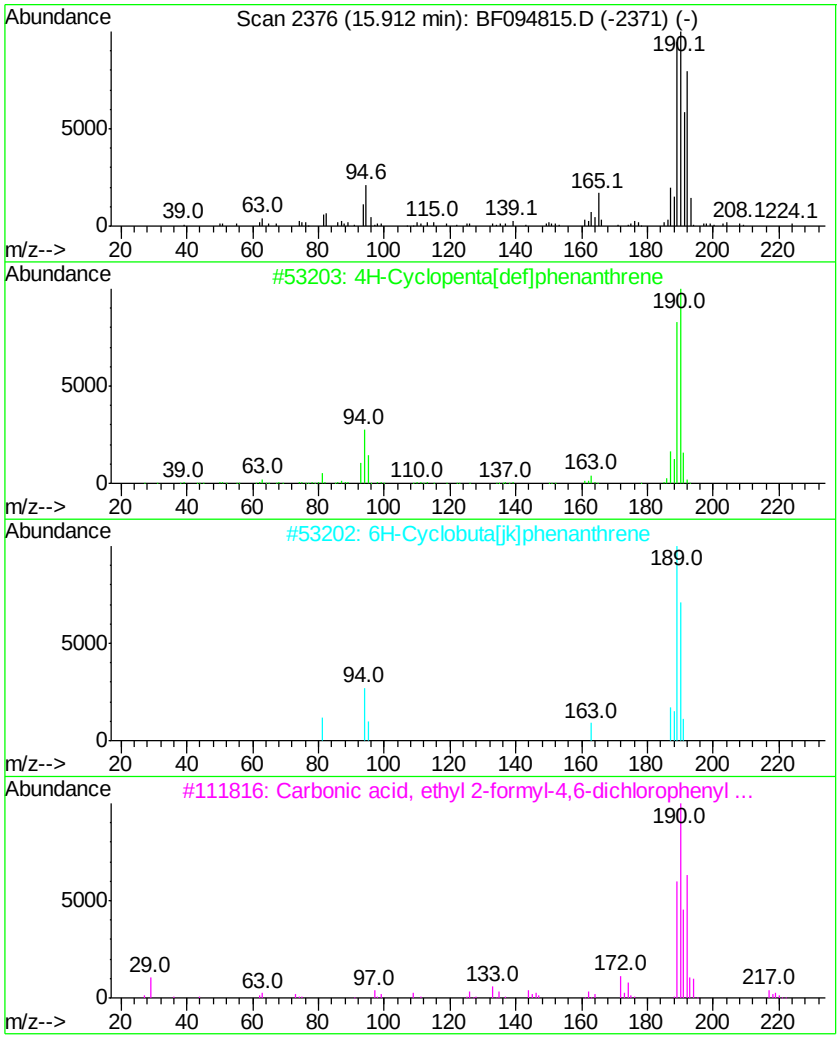
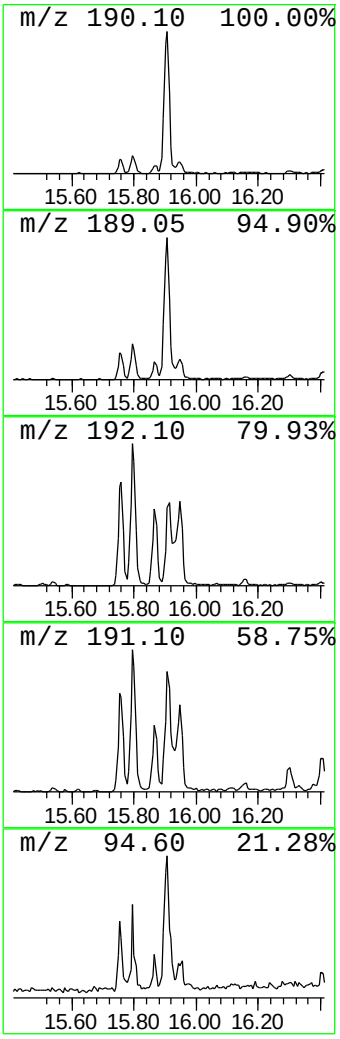
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	8.93 ng	330728	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





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Operator : SJ/MA
Sample : I2920-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

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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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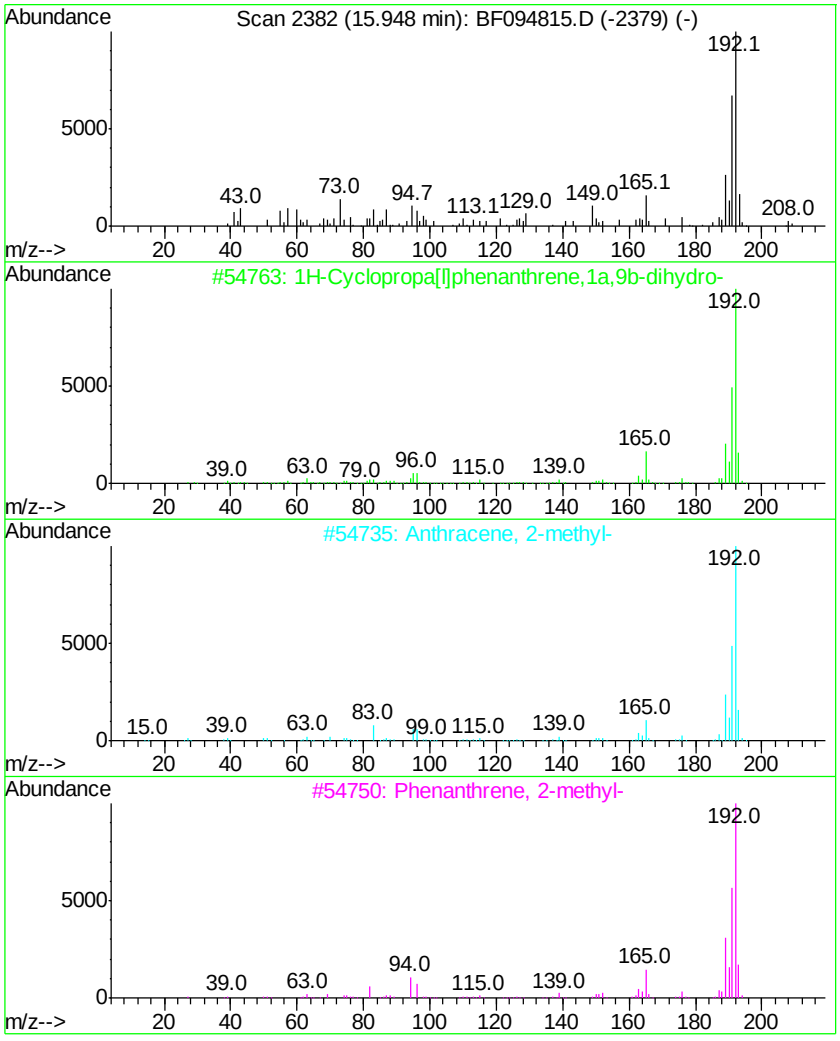
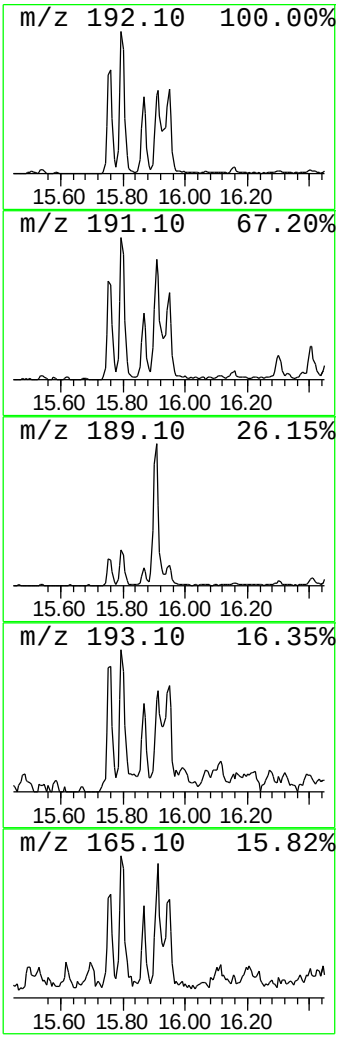
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.03 ng	149152	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Instrument : BNA_F
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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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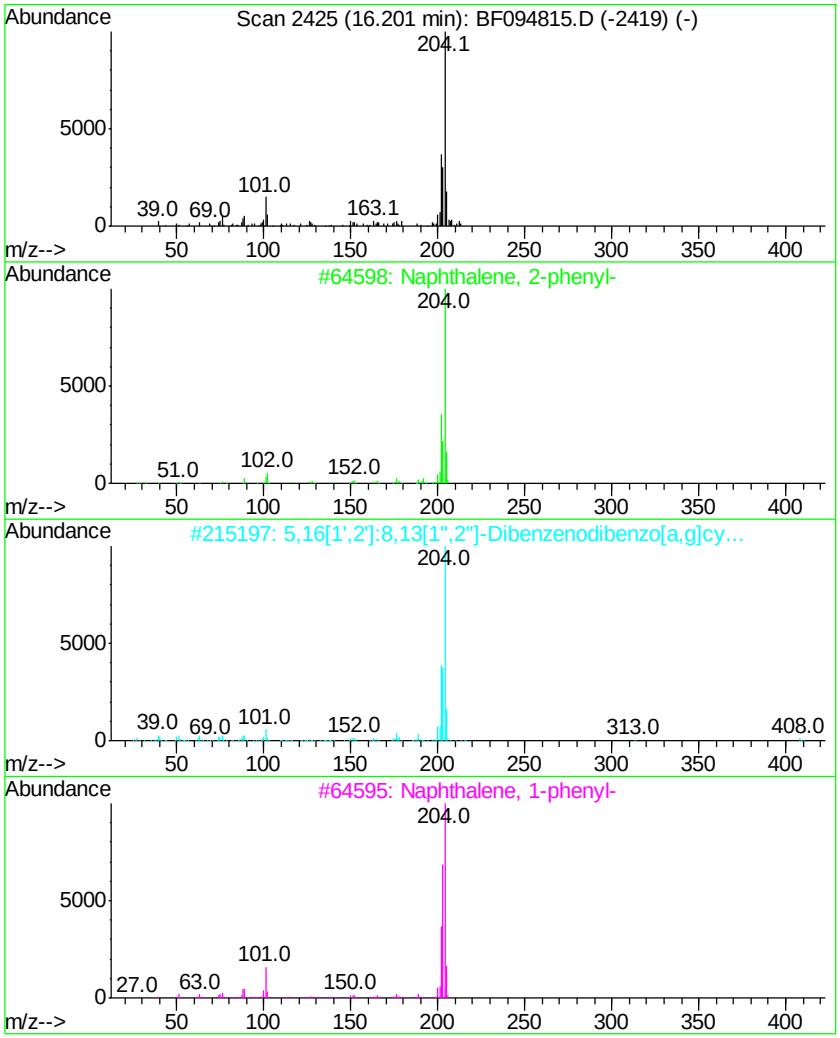
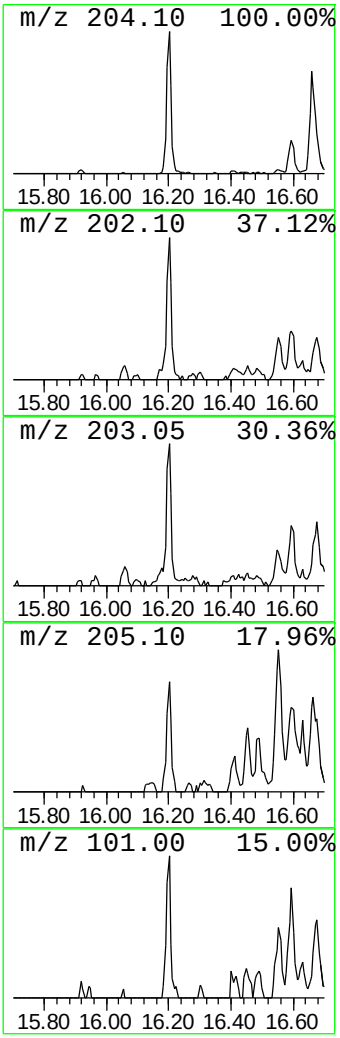
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.62 ng	133932	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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

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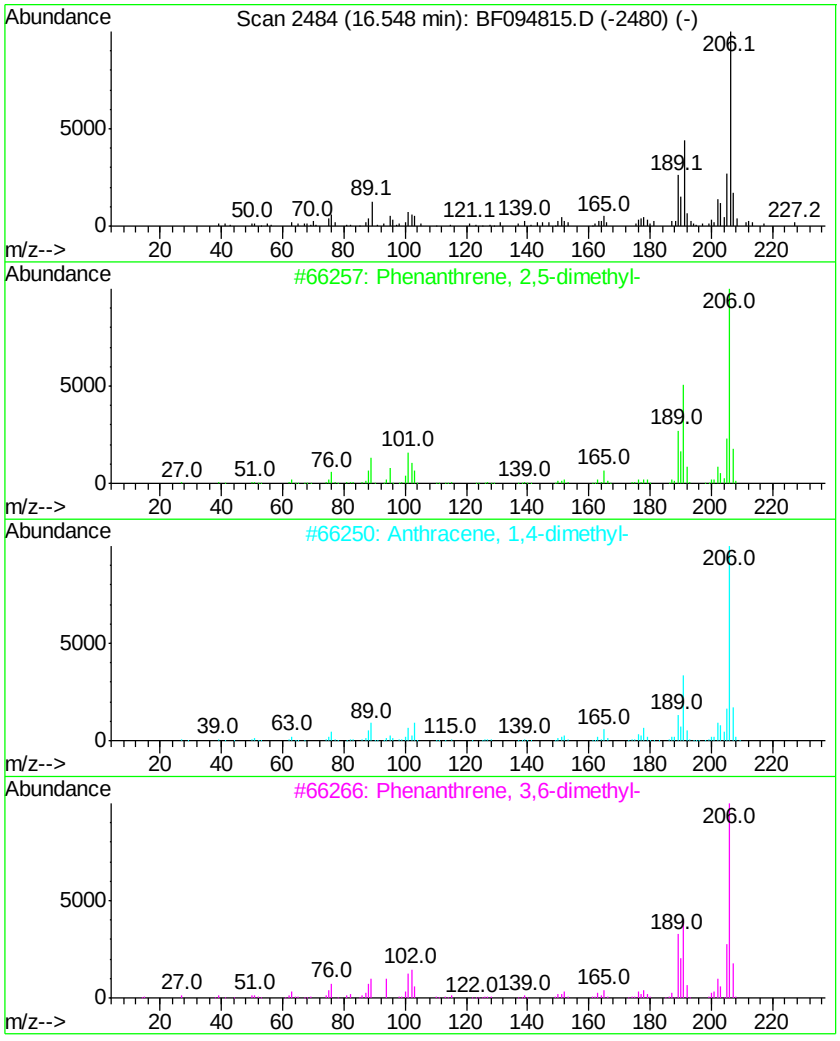
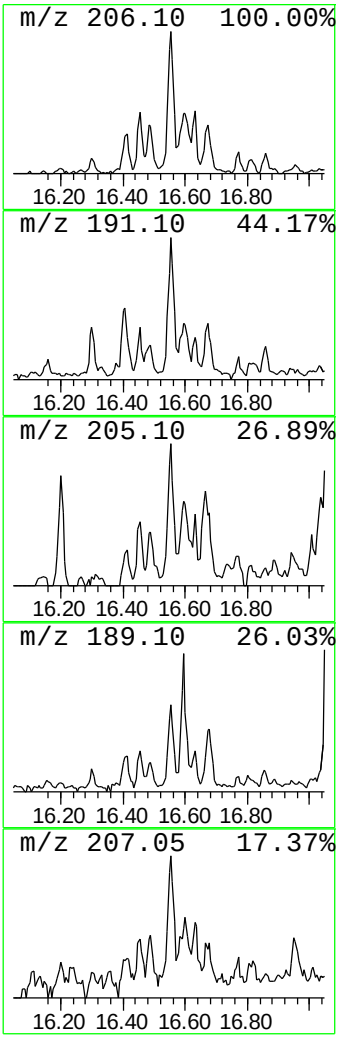
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.17 ng	154616	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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

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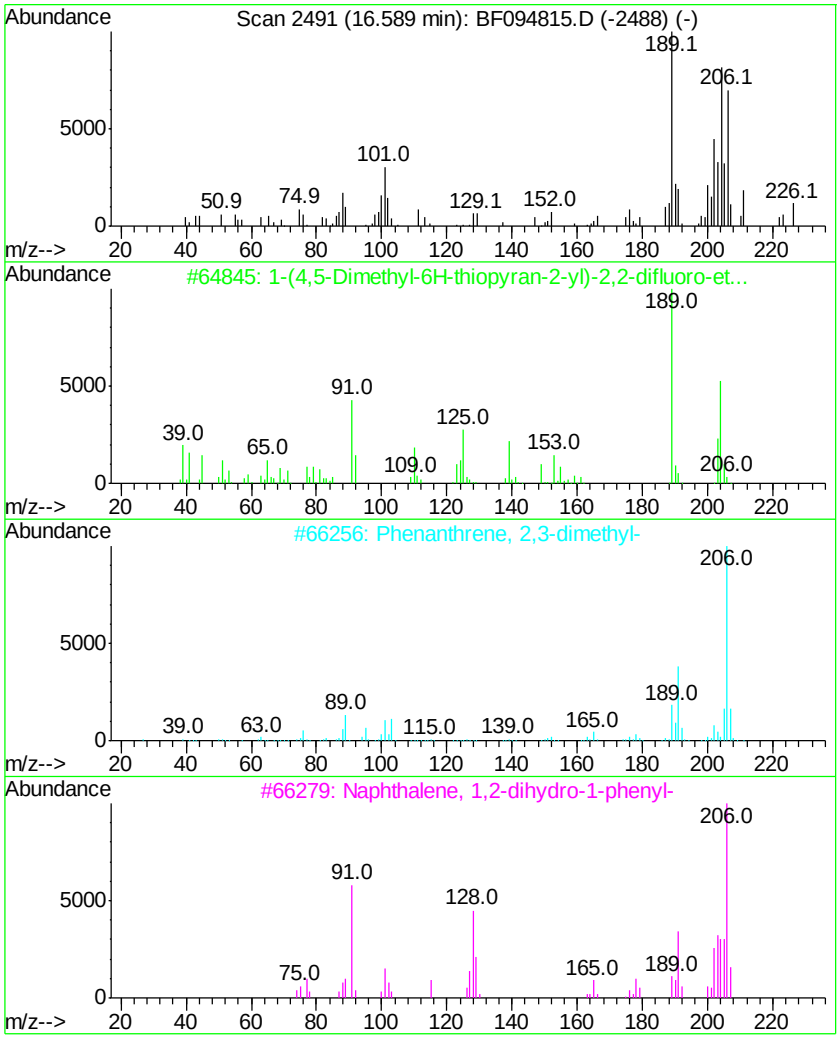
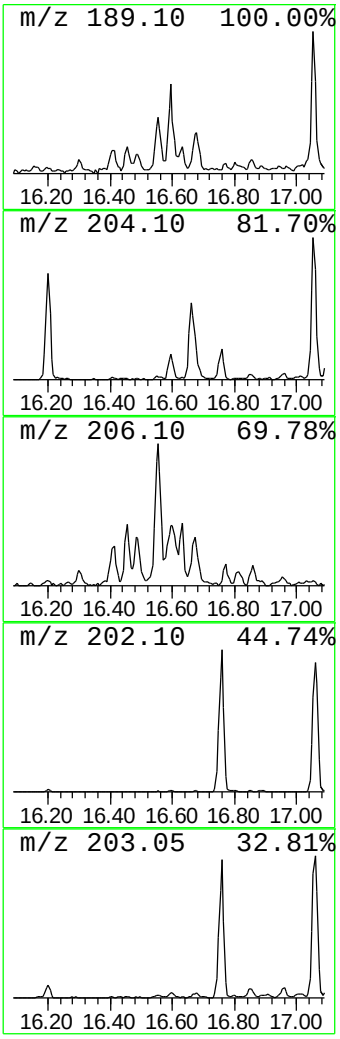
Peak Number 12 unknown16.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.98 ng	110440	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	43
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	20
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	18
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	18
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	18





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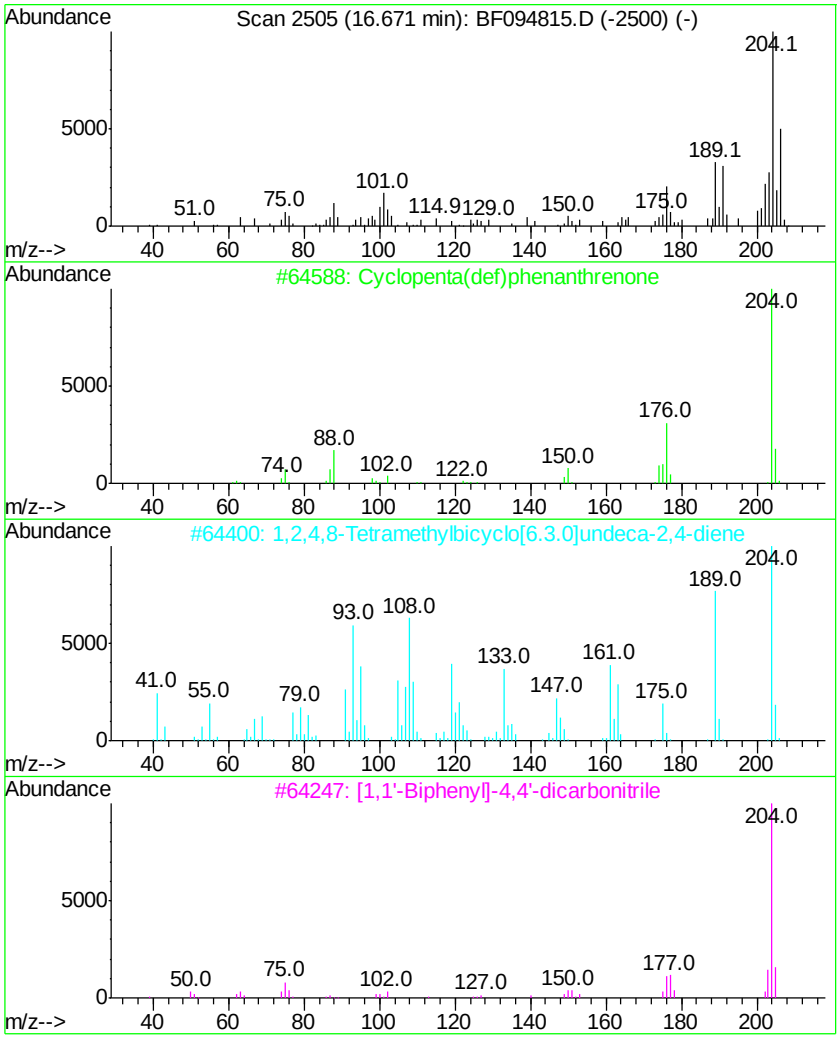
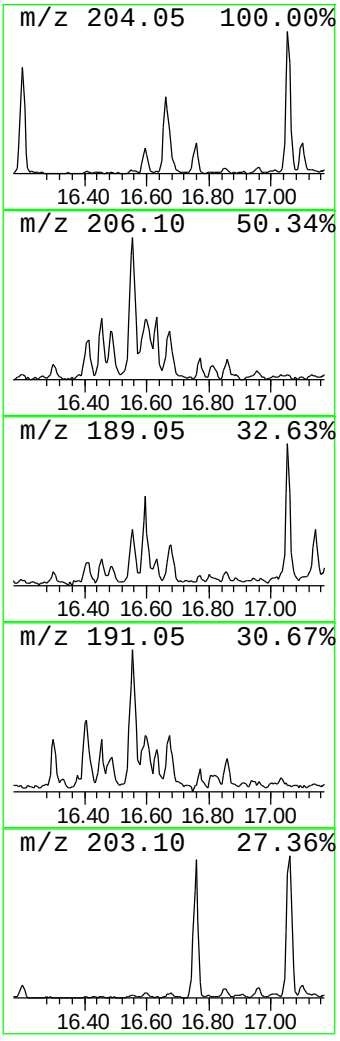
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.29 ng	158858	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47





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TIC Library : C:\DATABASE\NIST11.L
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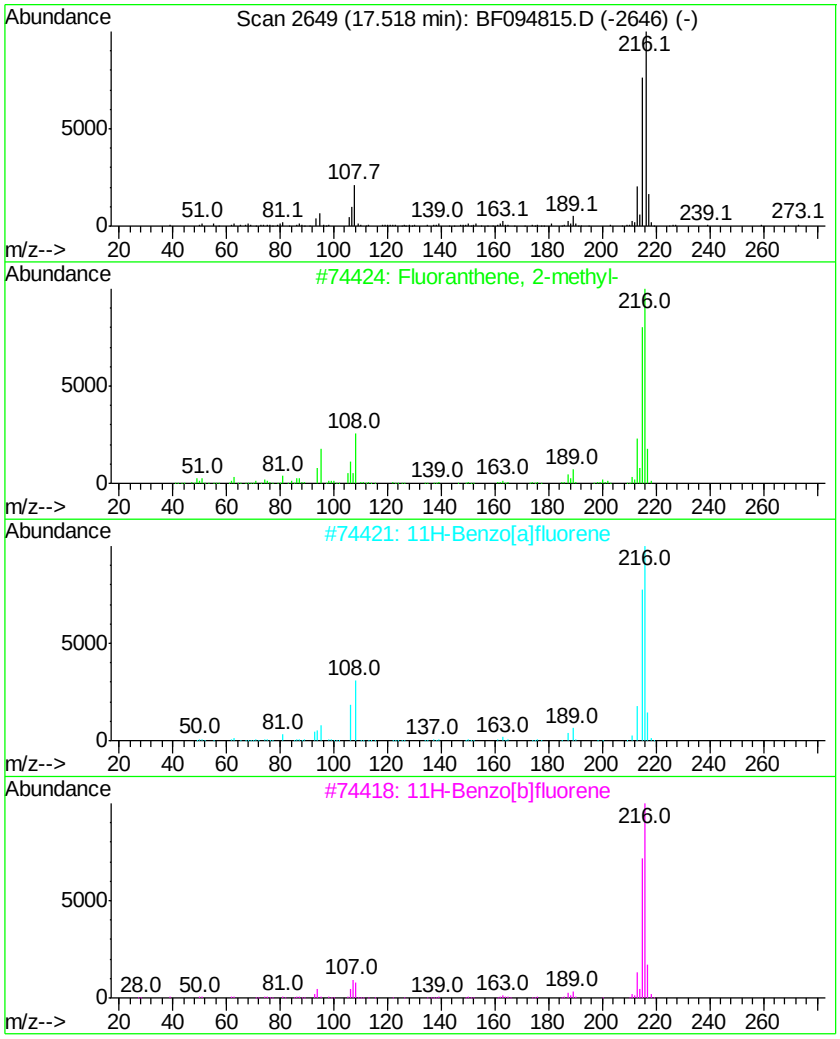
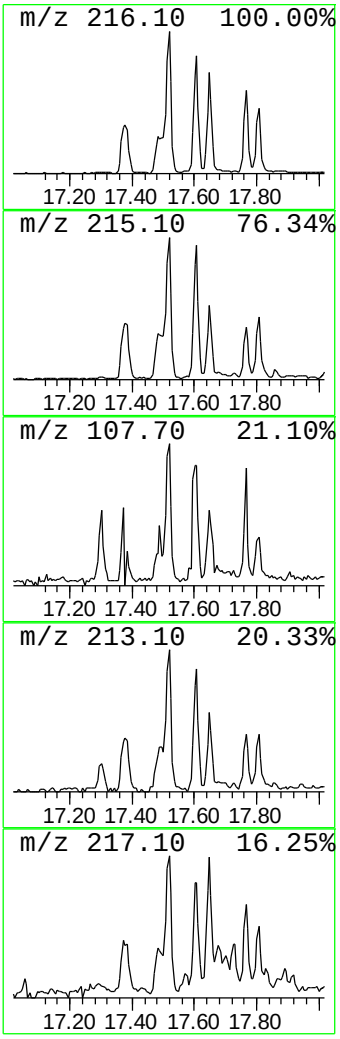
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.94 ng	286862	Chrysene-d12	18.64

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	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	50





Library Search Compound Report

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Operator : SJ/MA
Sample : I2920-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

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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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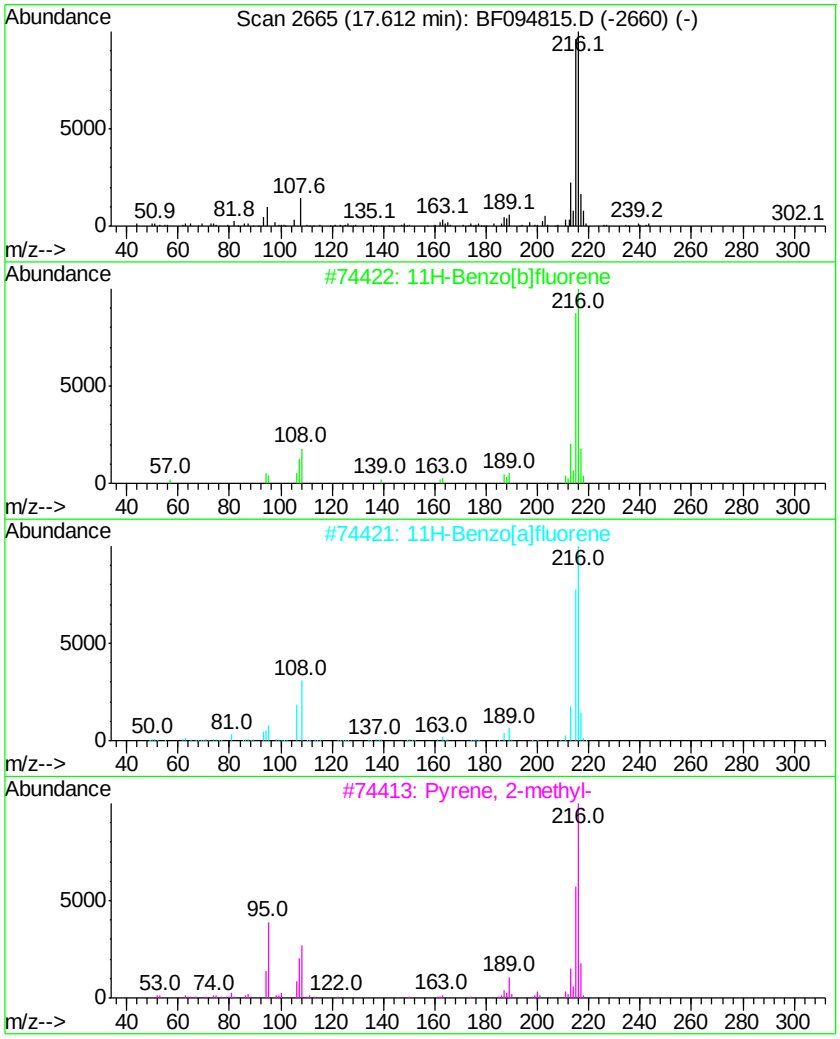
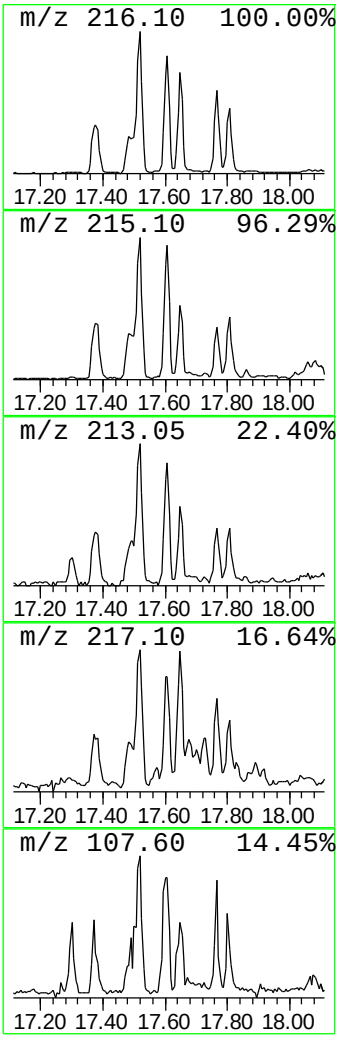
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.93 ng	213375	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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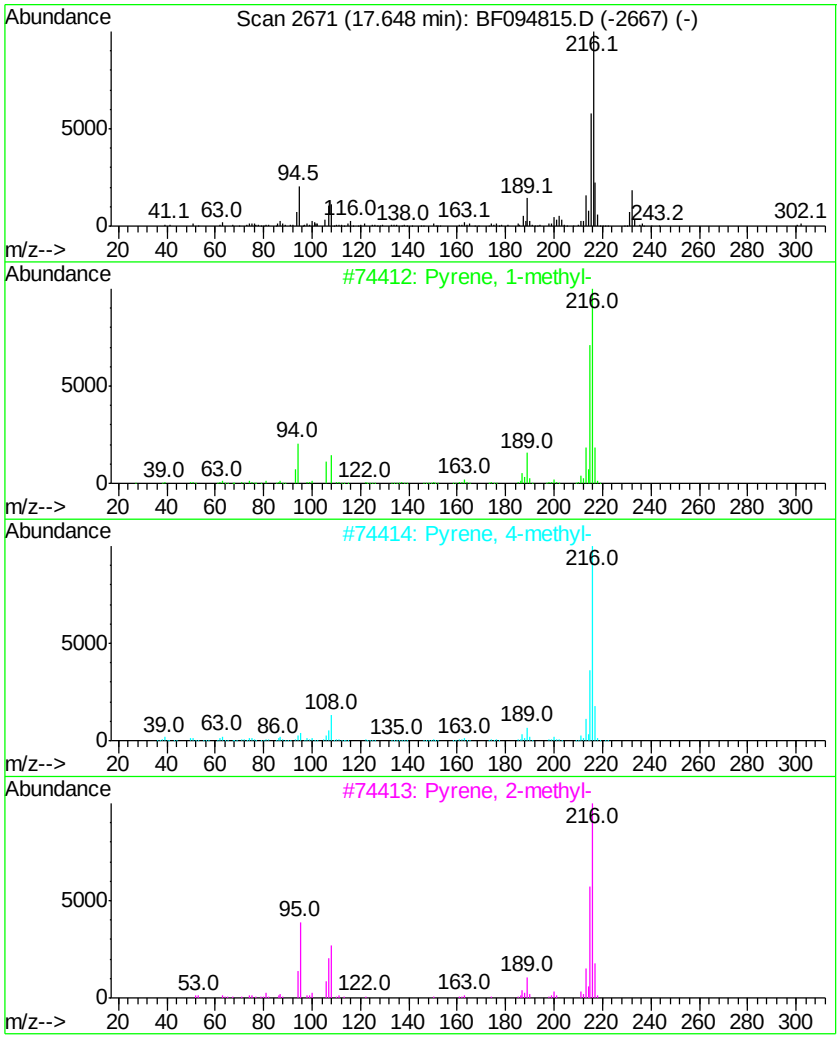
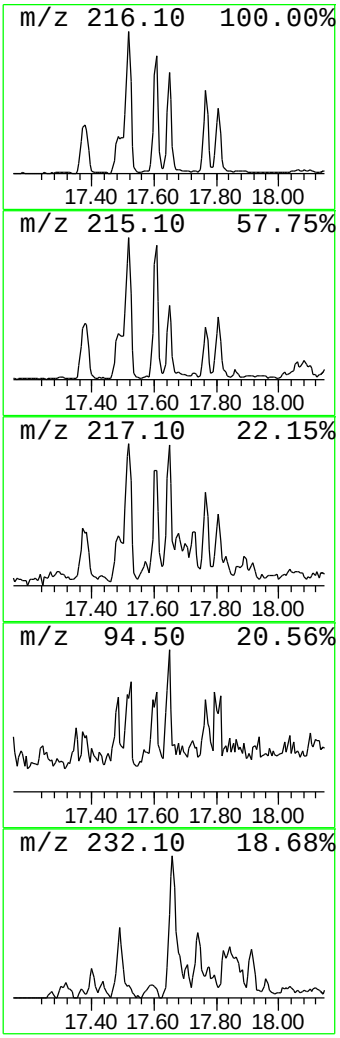
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.49 ng	254470	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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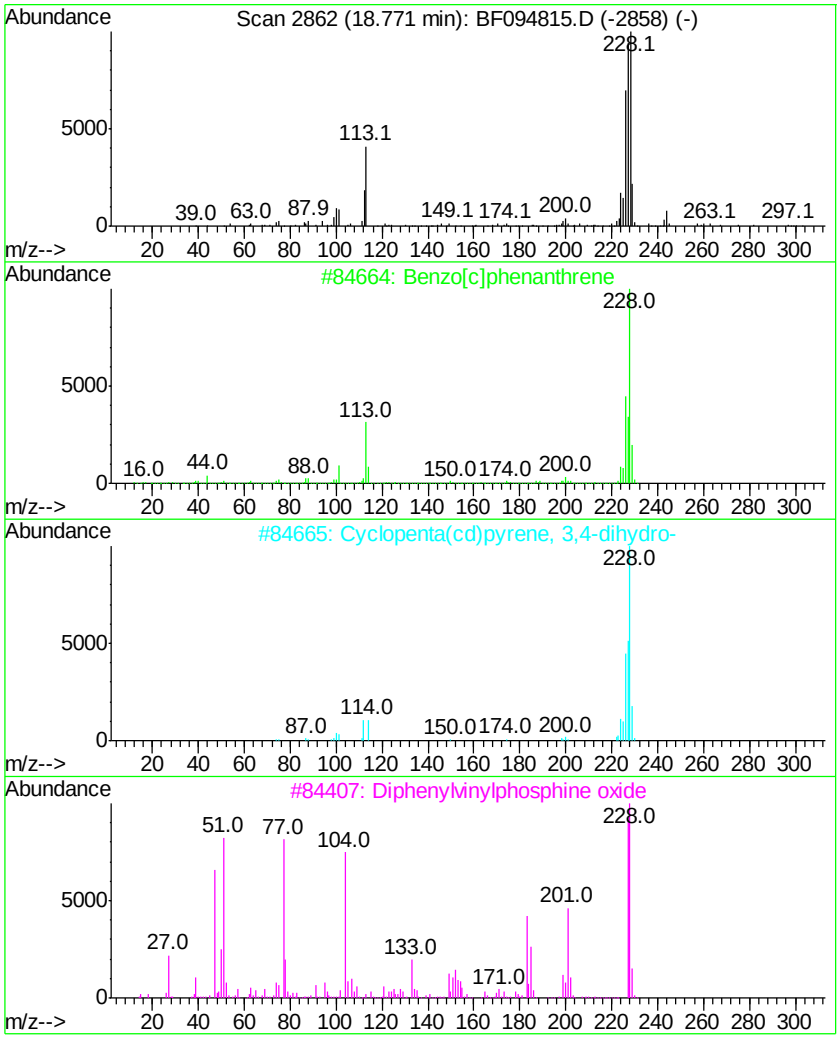
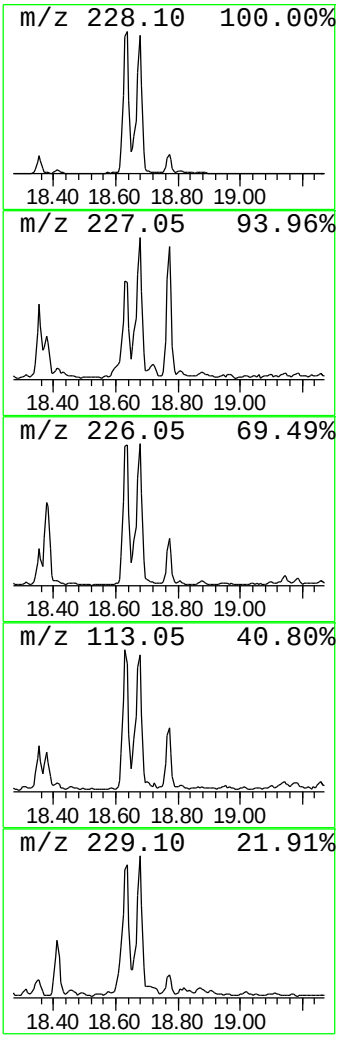
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.57 ng	187241	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	47
5	Triphenylene	228	C18H12	000217-59-4	38





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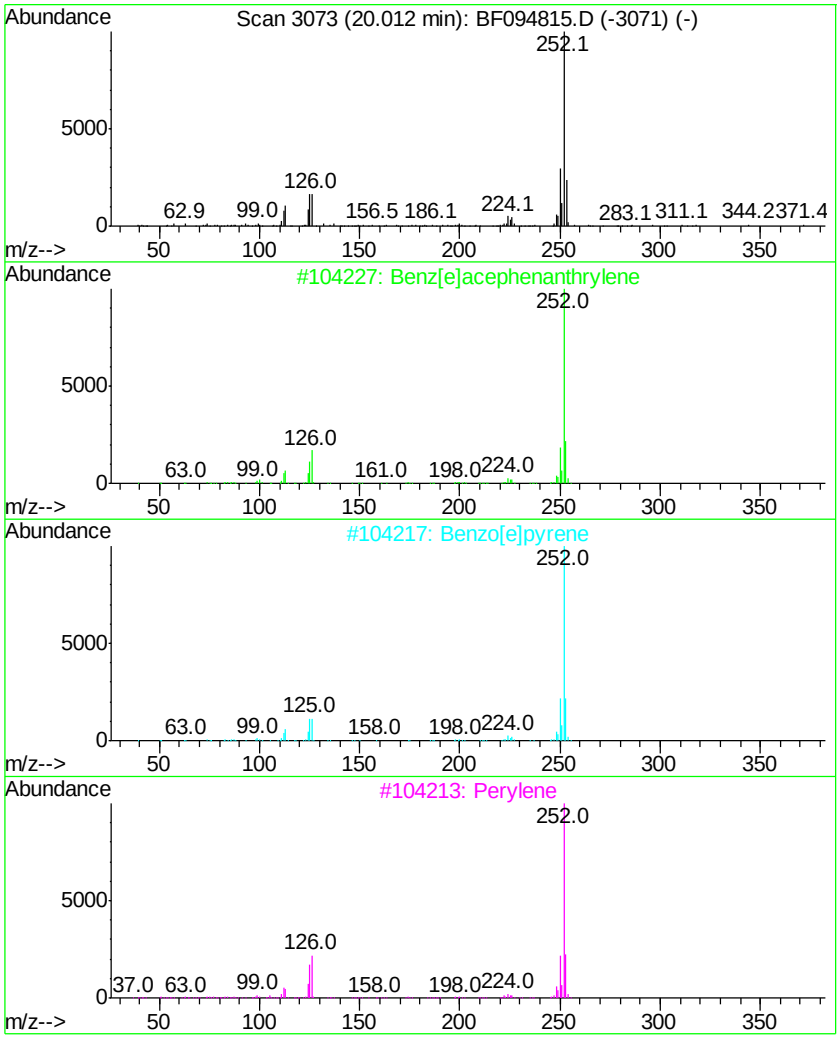
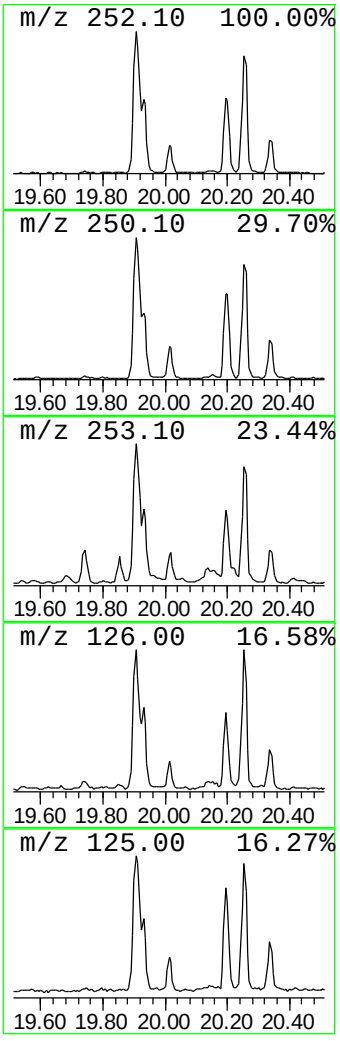
Peak Number 18 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	6.65 ng	170437	Perylene-d12	20.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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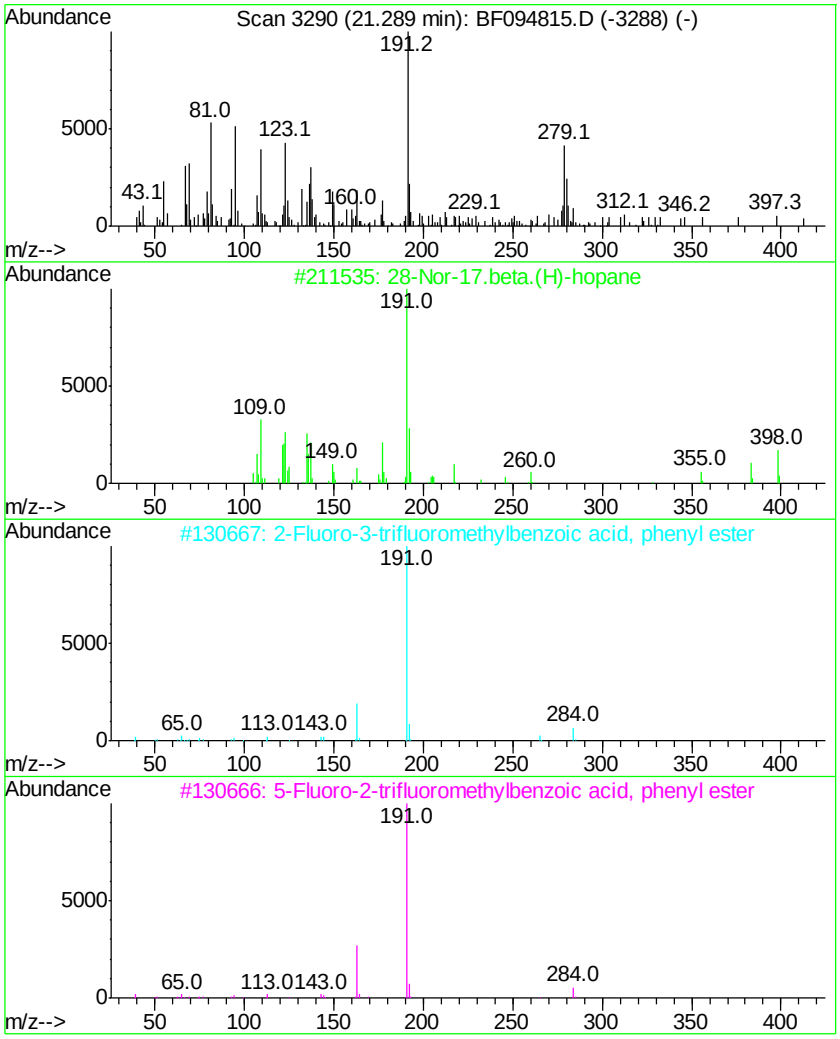
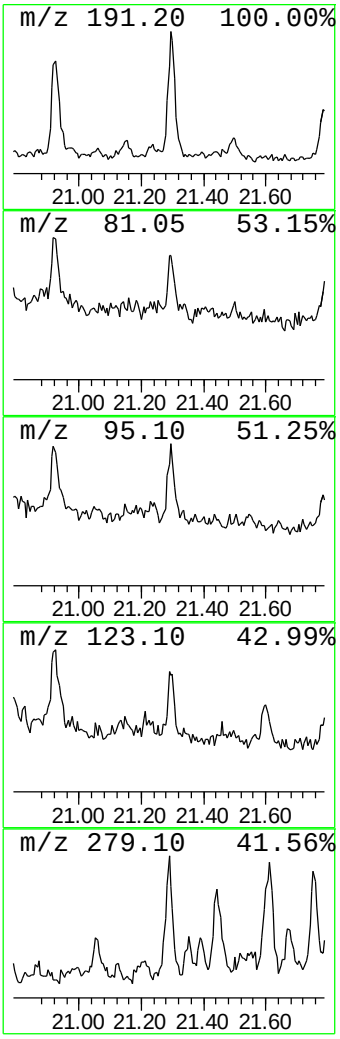
Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.37 ng	163317	Perylene-d12	20.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	52
2	2-Fluoro-3-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-64-3	38
3	5-Fluoro-2-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-62-7	38
4	2-Fluoro-6-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-69-4	38
5	4-Fluoro-2-trifluoromethylbenzoi...	236	C10H8F4O2	1000338-81-9	35





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : 72-11930/72-11937/VNJ-239

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
2-Pentanone, 4-hy...	5.01	4.0	ng	109965	1	7.72	555614	20.0
Ethanol, 2-butoxy-	6.15	4.1	ng	112846	1	7.72	555614	20.0
unknown7.38	7.38	32.4	ng	901232	1	7.72	555614	20.0
Phenanthrene, 2-m...	15.75	3.8	ng	142085	4	14.98	740710	20.0
4H-Cyclopenta[def...	15.91	8.9	ng	330728	4	14.98	740710	20.0
1H-Cyclopropa[l]p...	15.95	4.0	ng	149152	4	14.98	740710	20.0
Naphthalene, 2-ph...	16.20	3.6	ng	133932	4	14.98	740710	20.0
Phenanthrene, 2,5...	16.55	4.2	ng	154616	4	14.98	740710	20.0
unknown16.59	16.59	3.0	ng	110440	4	14.98	740710	20.0
Cyclopenta(def)ph...	16.67	4.3	ng	158858	4	14.98	740710	20.0
Fluoranthene, 2-m...	17.52	3.9	ng	286862	5	18.64	1457010	20.0
11H-Benzo[b]fluorene	17.61	2.9	ng	213375	5	18.64	1457010	20.0
Pyrene, 1-methyl-	17.65	3.5	ng	254470	5	18.64	1457010	20.0
Benzo[c]phenanthrene	18.77	2.6	ng	187241	5	18.64	1457010	20.0
Benz[e]acephenant...	20.01	6.7	ng	170437	6	20.31	512544	20.0
28-Nor-17.beta.(H...	21.29	6.4	ng	163317	6	20.31	512544	20.0