

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095940.D
 Acq On : 15 Jun 2017 00:37
 Operator : SJ/MA
 Sample : I3663-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	3.457	315	318	333	rBV	35717	114214	5.20%	0.375%
2	4.504	491	496	513	rBV	322671	651840	29.66%	2.141%
3	5.245	619	622	648	rBV	149198	460272	20.95%	1.512%
4	6.904	900	904	916	rBV	685426	1176087	53.52%	3.863%
5	6.992	916	919	937	rVB	613936	1124219	51.16%	3.693%
6	7.334	973	977	989	rBV	288438	377425	17.18%	1.240%
7	7.569	1012	1017	1038	rBV	929707	1208386	54.99%	3.969%
8	8.251	1129	1133	1151	rBV	557925	861459	39.20%	2.830%
9	9.369	1318	1323	1327	rBV	379887	507827	23.11%	1.668%
10	10.539	1516	1522	1530	rBV	33685	53695	2.44%	0.176%
11	11.145	1620	1625	1636	rVB	1425198	1709935	77.81%	5.617%
12	11.369	1658	1663	1672	rVB2	40692	57915	2.64%	0.190%
13	11.551	1691	1694	1702	rBV3	21153	40847	1.86%	0.134%
14	11.669	1710	1714	1718	rBV	37010	52404	2.38%	0.172%
15	11.710	1718	1721	1726	rVB2	29314	38973	1.77%	0.128%
16	11.839	1739	1743	1748	rBV	131115	174630	7.95%	0.574%
17	11.886	1748	1751	1755	rVB4	26857	36688	1.67%	0.121%
18	11.969	1761	1765	1771	rBV2	39779	61991	2.82%	0.204%
19	12.186	1797	1802	1806	rBV2	412533	515950	23.48%	1.695%
20	12.233	1806	1810	1818	rVB2	178056	251170	11.43%	0.825%
21	12.533	1858	1861	1869	rVB2	68537	106956	4.87%	0.351%
22	12.627	1869	1877	1880	rBV3	25291	41477	1.89%	0.136%
23	12.745	1892	1897	1902	rVB4	25381	47186	2.15%	0.155%
24	13.039	1940	1947	1951	rVV	82854	109761	4.99%	0.361%
25	13.080	1951	1954	1964	rVB	114740	159663	7.27%	0.524%
26	13.169	1964	1969	1971	rBV4	26938	39390	1.79%	0.129%
27	13.357	1997	2001	2004	rBV	32719	48275	2.20%	0.159%
28	13.398	2004	2008	2012	rVB3	34050	55643	2.53%	0.183%
29	13.816	2072	2079	2081	rBV2	86177	138760	6.31%	0.456%
30	13.986	2102	2108	2110	rBV5	29569	52064	2.37%	0.171%
31	14.216	2142	2147	2154	rVV5	21443	62039	2.82%	0.204%
32	14.310	2160	2163	2169	rVV	62285	83329	3.79%	0.274%
33	14.380	2169	2175	2177	rVV6	25653	48979	2.23%	0.161%
34	14.410	2177	2180	2186	rVB	65813	84252	3.83%	0.277%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
 Data File : BF095940.D
 Acq On : 15 Jun 2017 00:37
 Operator : SJ/MA
 Sample : I3663-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	14.545	2199	2203	2205	rVV	64767	77776	3.54%	0.255%
36	14.580	2205	2209	2211	rVV	368314	449366	20.45%	1.476%
37	14.621	2211	2216	2223	rVB	1157433	1495179	68.04%	4.911%
38	14.704	2223	2230	2241	rBV	306693	422939	19.25%	1.389%
39	14.815	2244	2249	2251	rBV3	24245	45390	2.07%	0.149%
40	14.974	2272	2276	2279	rBV3	23805	40699	1.85%	0.134%
41	15.010	2279	2282	2291	rVV	143287	215346	9.80%	0.707%
42	15.221	2315	2318	2323	rBV2	63050	83588	3.80%	0.275%
43	15.386	2341	2346	2349	rBV	144565	173831	7.91%	0.571%
44	15.427	2349	2353	2358	rVV	187194	228902	10.42%	0.752%
45	15.504	2362	2366	2368	rVV	70911	90537	4.12%	0.297%
46	15.533	2368	2371	2375	rVV2	204263	284258	12.94%	0.934%
47	15.580	2375	2379	2388	rVB2	107077	185506	8.44%	0.609%
48	15.833	2418	2422	2430	rVV	158492	211847	9.64%	0.696%
49	15.904	2430	2434	2443	rVB2	72230	125444	5.71%	0.412%
50	16.057	2455	2460	2463	rBV4	41137	63108	2.87%	0.207%
51	16.098	2464	2467	2471	rVV	43584	54711	2.49%	0.180%
52	16.133	2471	2473	2477	rVB3	33057	38687	1.76%	0.127%
53	16.198	2479	2484	2488	rBV	96884	137448	6.25%	0.451%
54	16.239	2488	2491	2495	rVB3	54726	76286	3.47%	0.251%
55	16.321	2501	2505	2511	rBV2	116623	148634	6.76%	0.488%
56	16.409	2512	2520	2523	rBV	1649012	2197493	100.00%	7.218%
57	16.445	2524	2526	2531	rVB2	43741	54603	2.48%	0.179%
58	16.509	2533	2537	2540	rBV2	47553	74770	3.40%	0.246%
59	16.592	2548	2551	2556	rBV	54488	80656	3.67%	0.265%
60	16.704	2565	2570	2575	rBV	1527096	1936481	88.12%	6.361%
61	16.792	2583	2585	2589	rVB	34613	37674	1.71%	0.124%
62	16.892	2599	2602	2607	rBV2	122741	150153	6.83%	0.493%
63	16.956	2607	2613	2619	rVB	1046716	1248132	56.80%	4.100%
64	17.004	2619	2621	2623	rBV	37739	42475	1.93%	0.140%
65	17.033	2623	2626	2630	rVV	87800	137980	6.28%	0.453%
66	17.080	2632	2634	2638	rVV	57241	60965	2.77%	0.200%
67	17.145	2640	2645	2648	rVV	214288	321882	14.65%	1.057%
68	17.174	2648	2650	2655	rVB	186898	203499	9.26%	0.668%
69	17.262	2662	2665	2669	rVB	152954	169152	7.70%	0.556%
70	17.304	2669	2672	2679	rBV3	148553	280701	12.77%	0.922%
71	17.362	2680	2682	2686	rVV2	64938	64807	2.95%	0.213%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
 Data File : BF095940.D
 Acq On : 15 Jun 2017 00:37
 Operator : SJ/MA
 Sample : I3663-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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

72	17.421	2689	2692	2696	rVV	73083	83386	3.79%	0.274%
73	17.462	2696	2699	2705	rVV	47291	60053	2.73%	0.197%
74	17.515	2705	2708	2712	rBV5	37930	52789	2.40%	0.173%
75	17.809	2755	2758	2761	rBV2	70015	71209	3.24%	0.234%
76	17.862	2764	2767	2772	rVB	120380	133899	6.09%	0.440%
77	17.974	2783	2786	2789	rBV	117267	134302	6.11%	0.441%
78	18.003	2789	2791	2795	rVV	155976	165993	7.55%	0.545%
79	18.039	2795	2797	2800	rVV	83604	79909	3.64%	0.262%
80	18.080	2800	2804	2807	rVB2	109991	128373	5.84%	0.422%
81	18.139	2811	2814	2820	rVB2	134895	202444	9.21%	0.665%
82	18.227	2822	2829	2835	rVB4	108813	209904	9.55%	0.689%
83	18.292	2835	2840	2844	rBV2	895001	1401841	63.79%	4.605%
84	18.339	2844	2848	2850	rVV2	757673	983547	44.76%	3.231%
85	18.362	2850	2852	2858	rVV	534192	653581	29.74%	2.147%
86	18.427	2860	2863	2867	rVB2	117758	144169	6.56%	0.474%
87	18.586	2887	2890	2894	rVV2	93743	113223	5.15%	0.372%
88	18.627	2894	2897	2903	rVB2	186513	236835	10.78%	0.778%
89	18.809	2925	2928	2931	rVB	106565	109484	4.98%	0.360%
90	19.015	2960	2963	2966	rVB	123601	128106	5.83%	0.421%
91	19.380	3023	3025	3029	rBV	117419	130778	5.95%	0.430%
92	19.574	3053	3058	3060	rBV	671757	904004	41.14%	2.969%
93	19.680	3074	3076	3080	rBV	98088	95639	4.35%	0.314%
94	19.739	3083	3086	3089	rVB	93680	99215	4.51%	0.326%
95	19.862	3103	3107	3110	rVB	333590	348696	15.87%	1.145%
96	19.921	3113	3117	3120	rVB	479498	505737	23.01%	1.661%
97	19.974	3123	3126	3129	rBV	223994	231352	10.53%	0.760%
98	20.080	3141	3144	3152	rVB3	103099	136444	6.21%	0.448%
99	21.144	3321	3325	3331	rVB2	217350	336785	15.33%	1.106%
100	21.474	3377	3381	3389	rVB	159591	297693	13.55%	0.978%

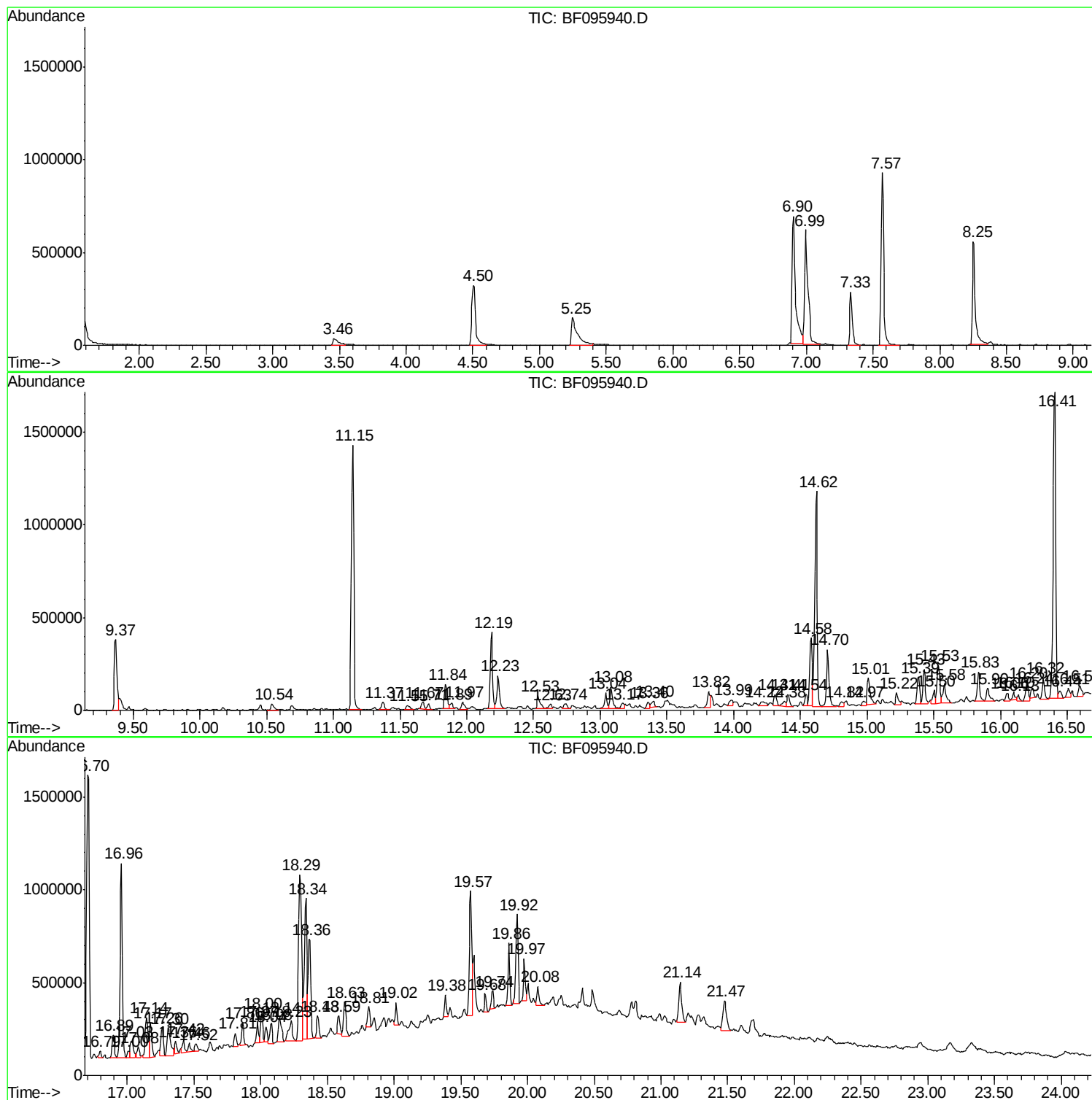
Sum of corrected areas: 30443996

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

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\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

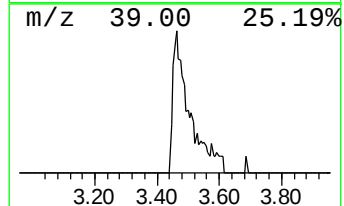
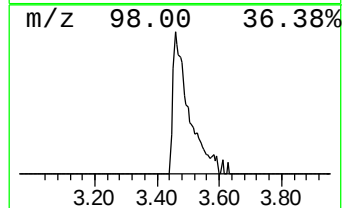
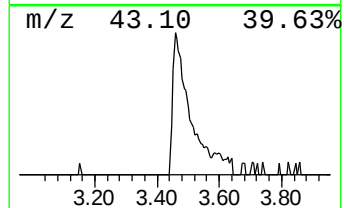
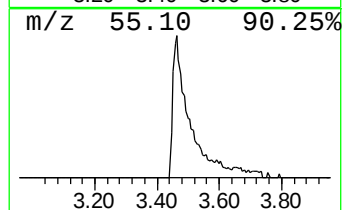
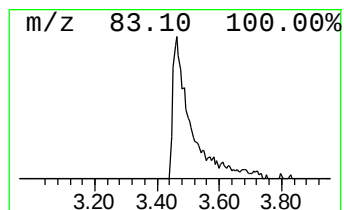
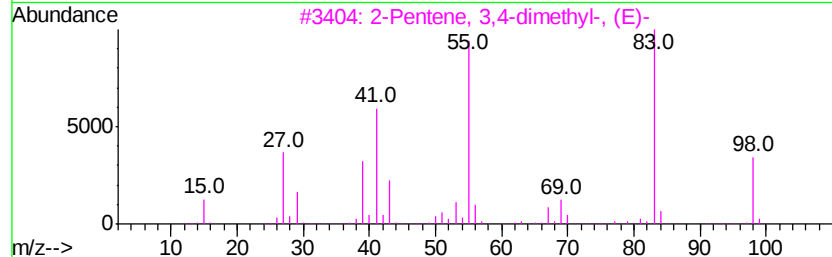
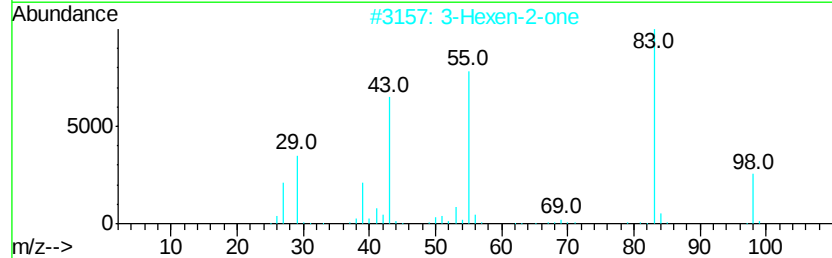
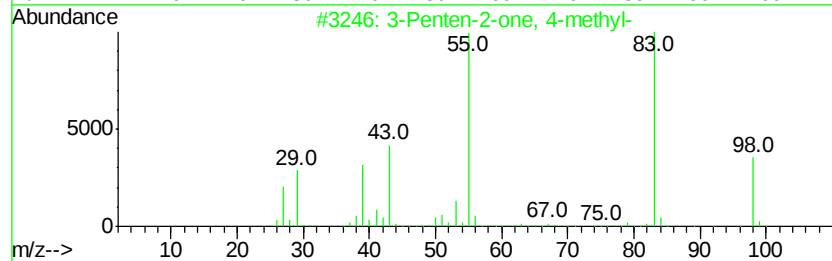
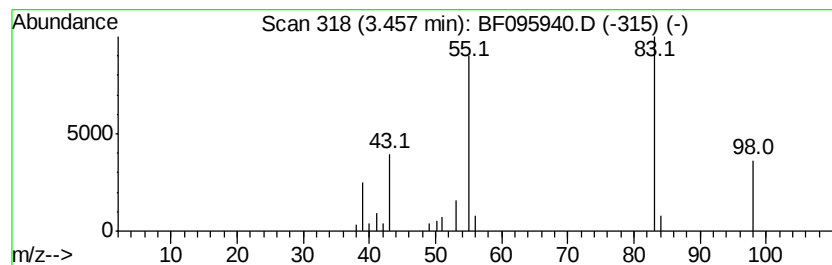
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	6.05 ng	114214	1,4-Dichlorobenzene-d4	7.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	86
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

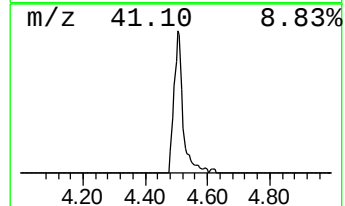
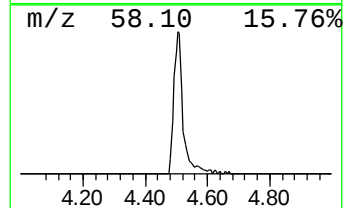
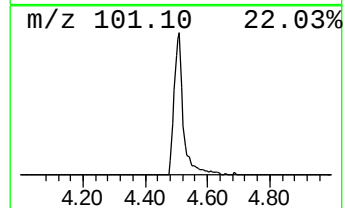
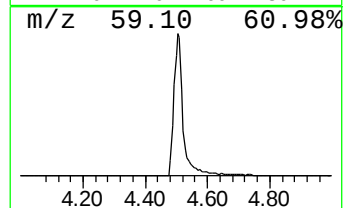
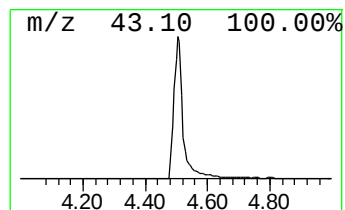
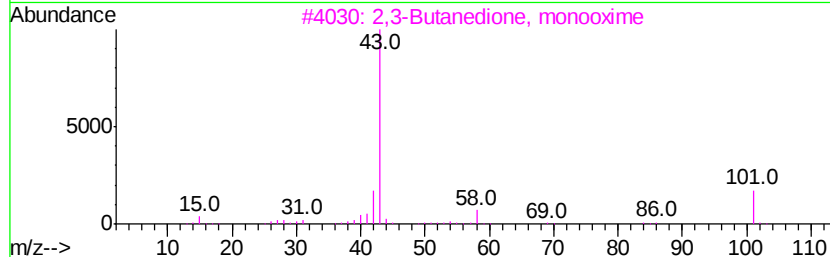
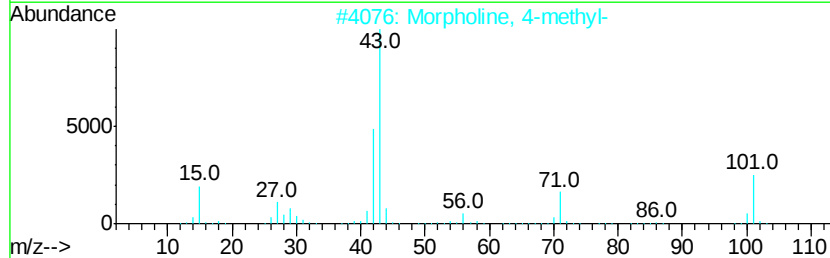
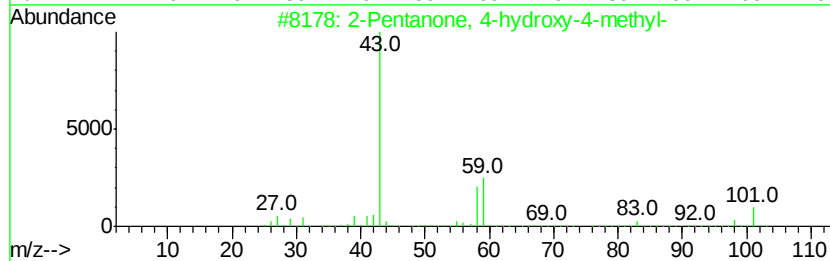
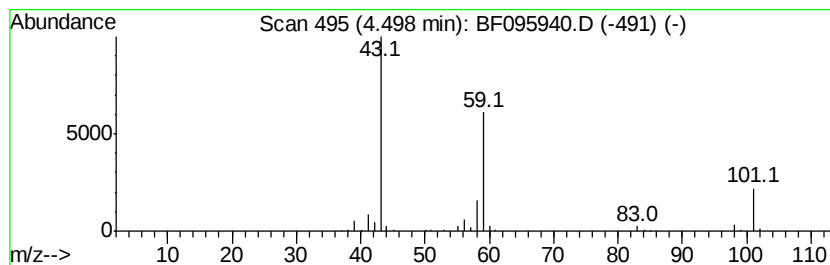
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	34.54 ng	651840	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

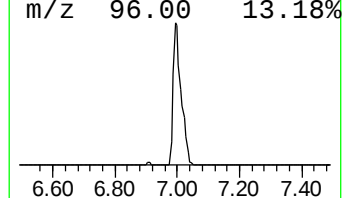
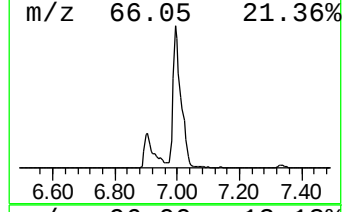
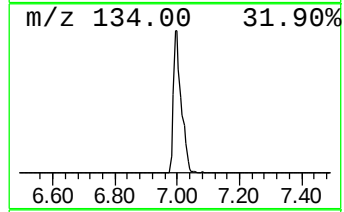
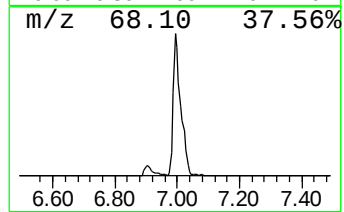
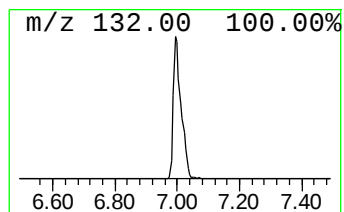
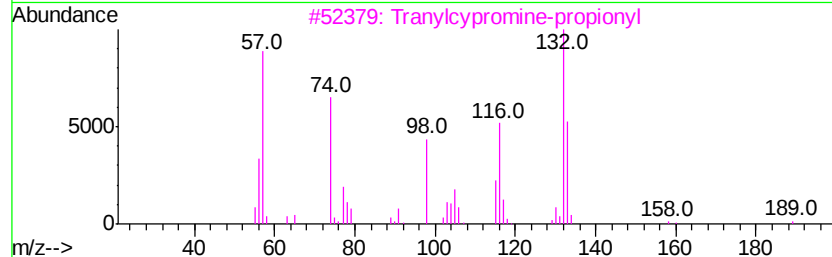
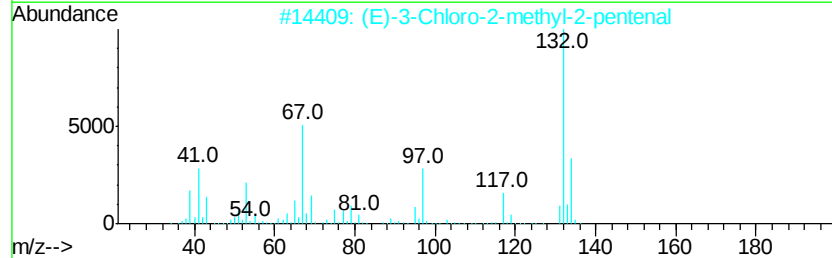
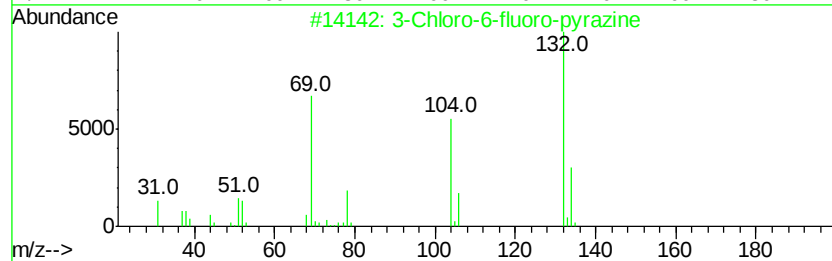
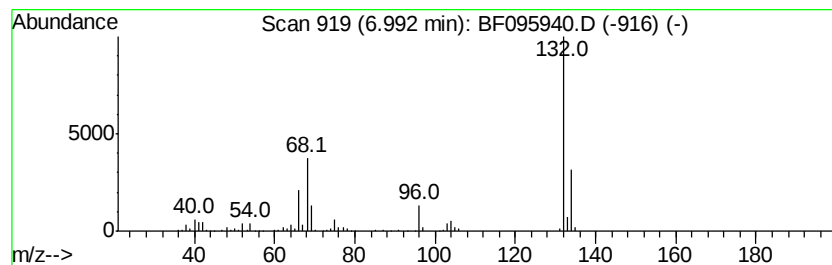
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	59.57 ng	1124220	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

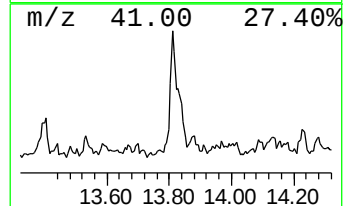
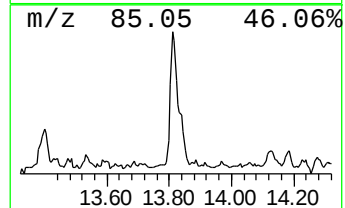
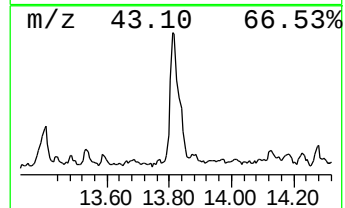
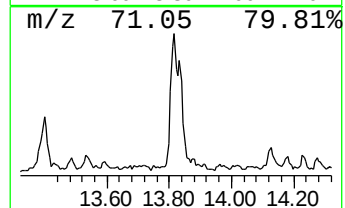
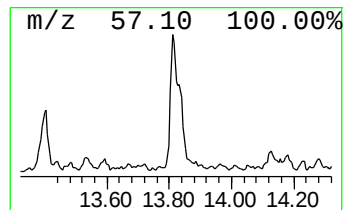
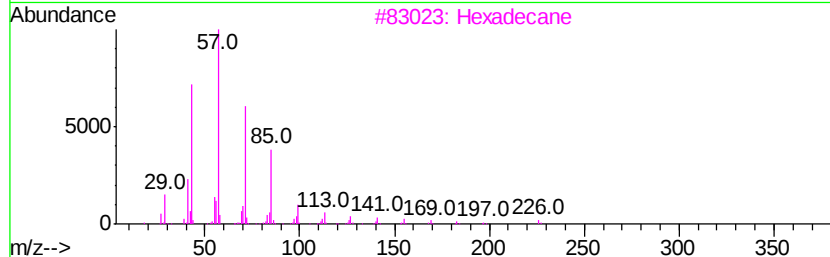
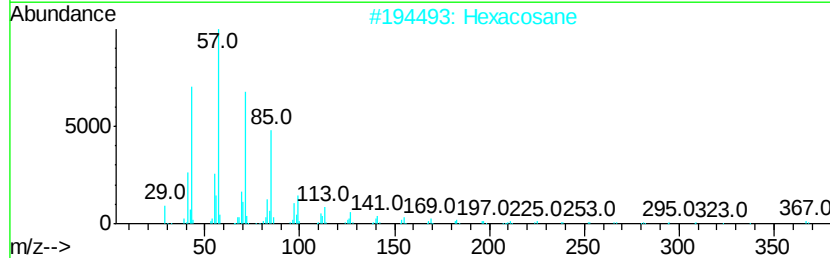
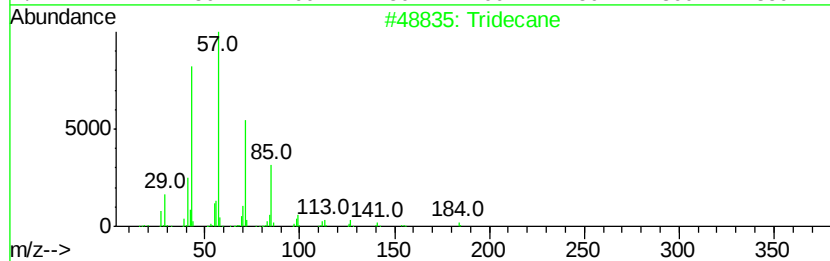
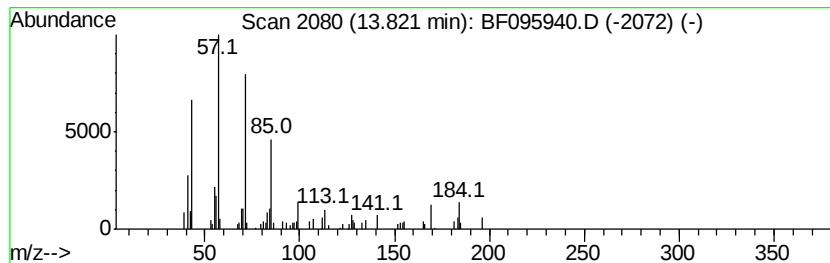
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.18 ng	138760	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

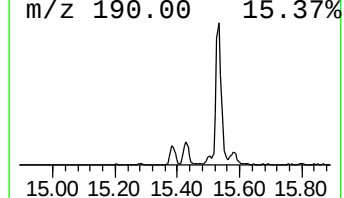
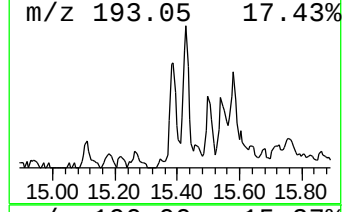
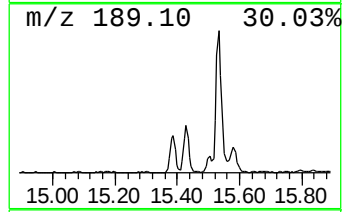
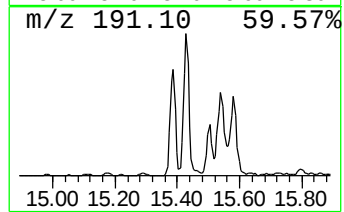
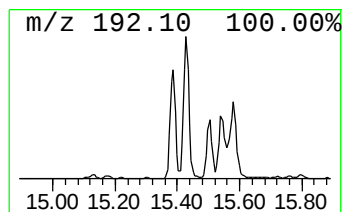
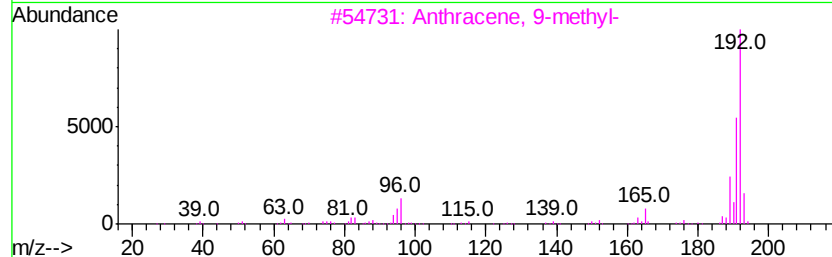
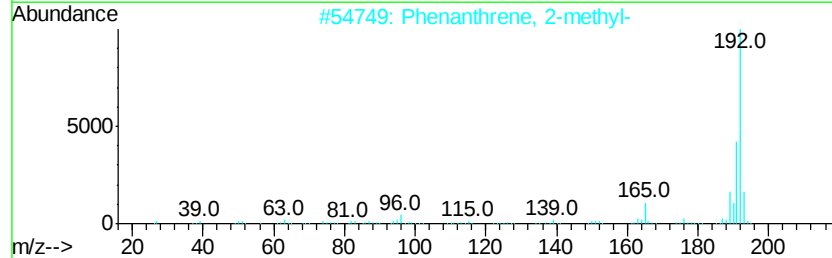
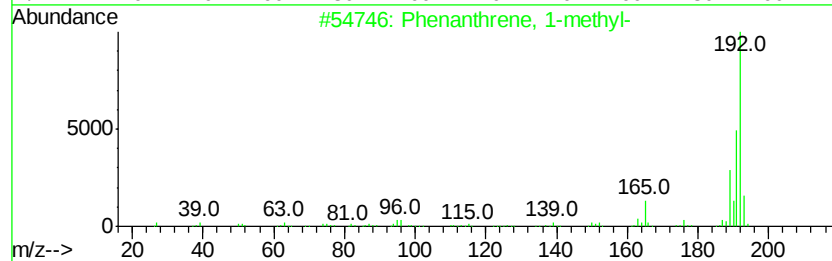
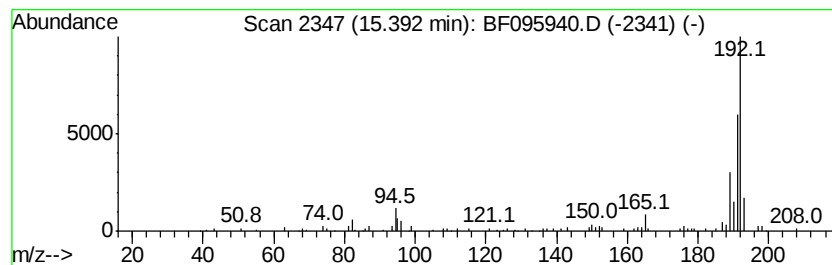
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.74 ng	173831	Phenanthrene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

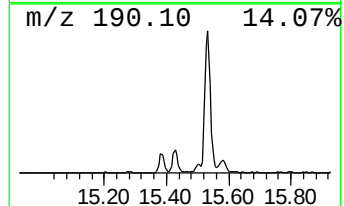
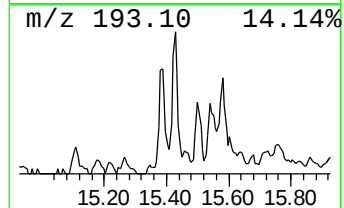
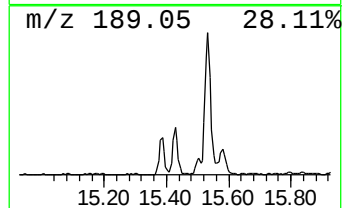
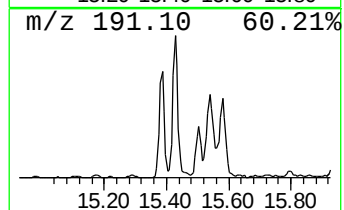
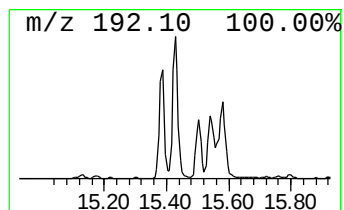
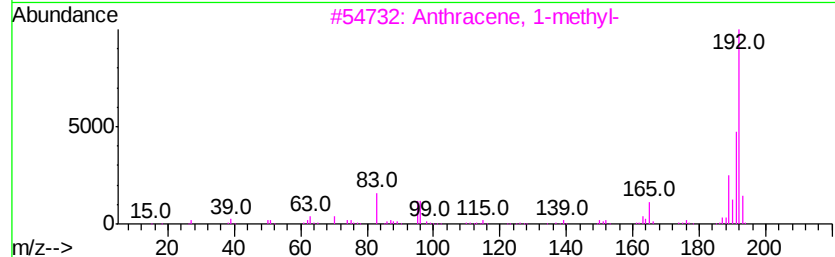
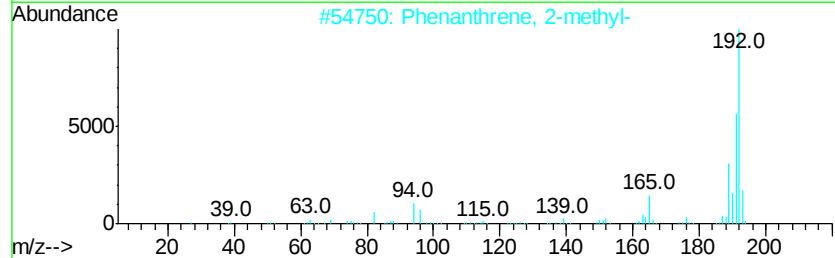
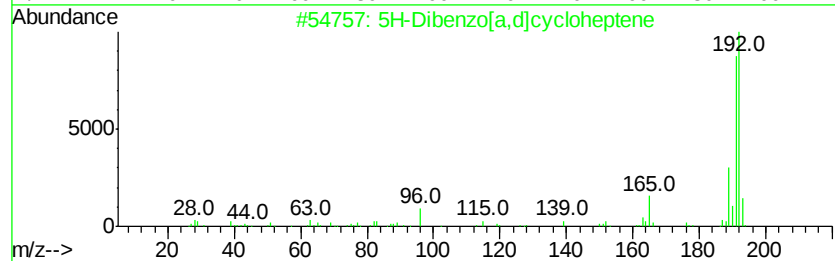
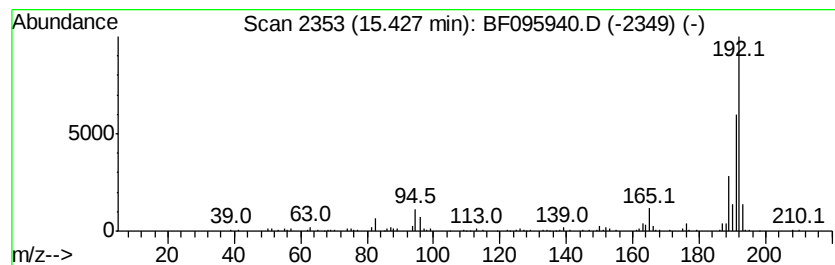
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	10.19 ng	228902	Phenanthrene-d10	14.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

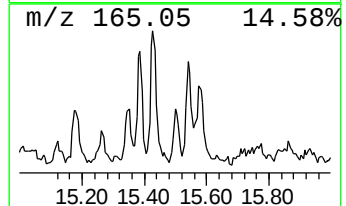
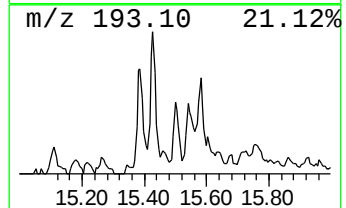
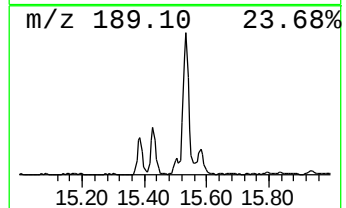
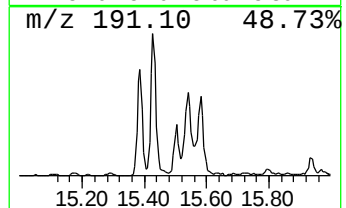
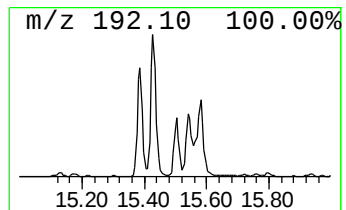
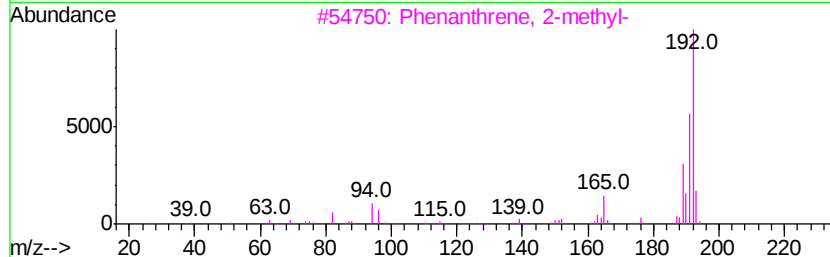
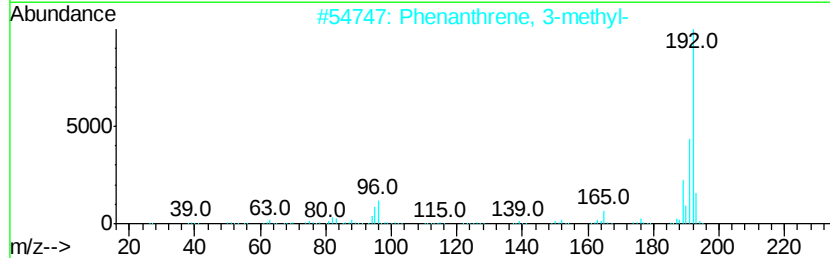
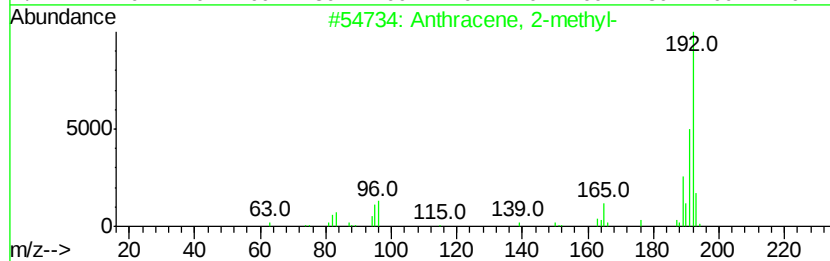
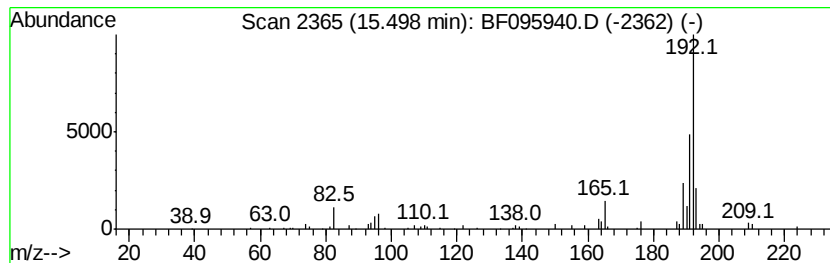
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	4.03 ng	90537	Phenanthrene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

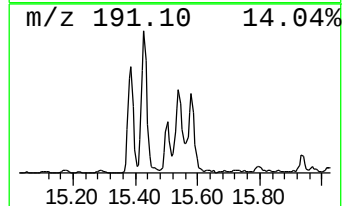
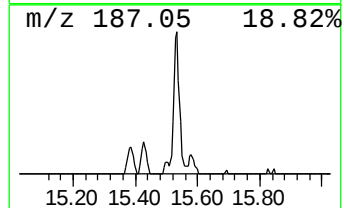
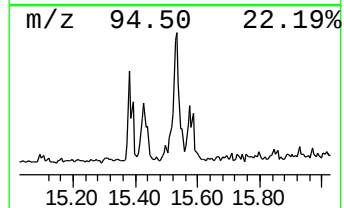
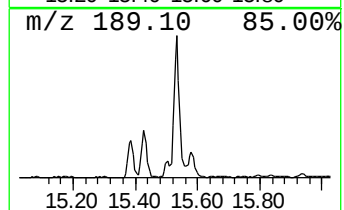
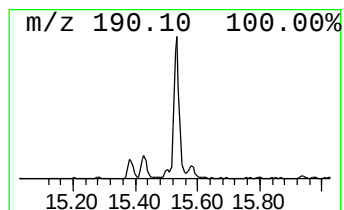
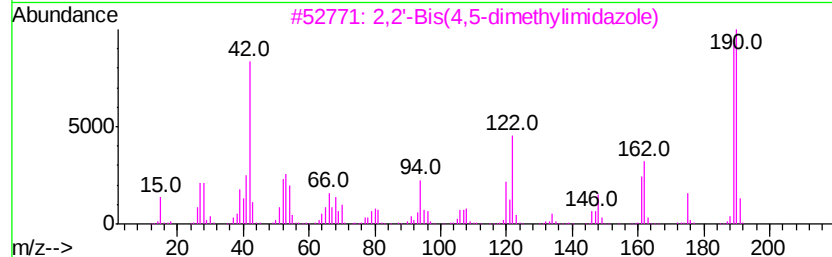
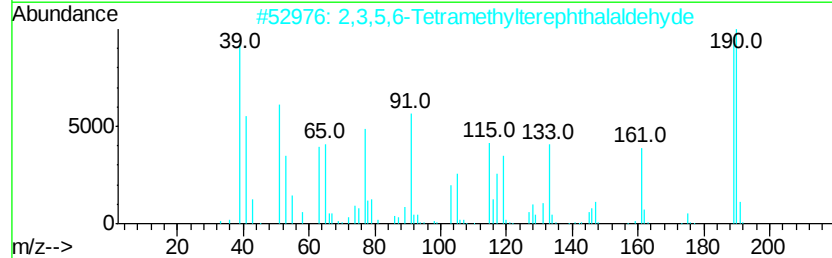
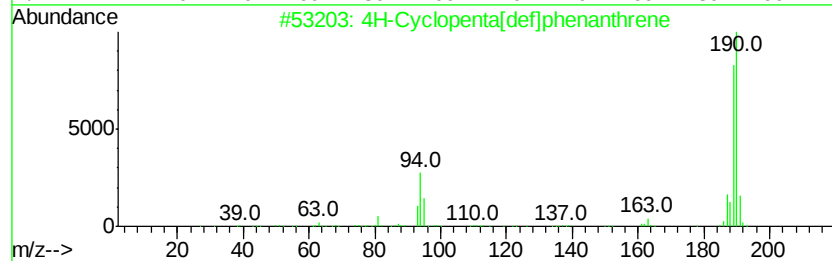
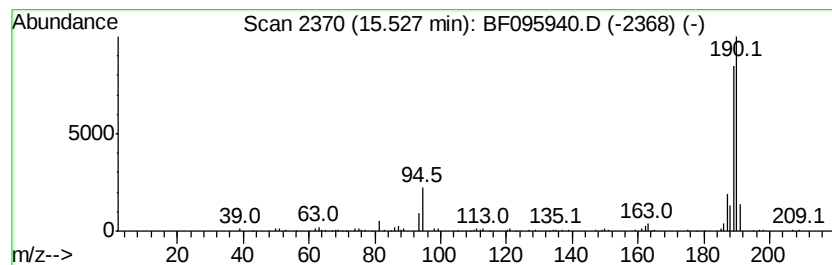
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	12.65 ng	284258	Phenanthrene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5		Megastigmatrienone	190	C13H18O	038818-55-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

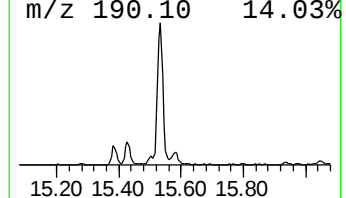
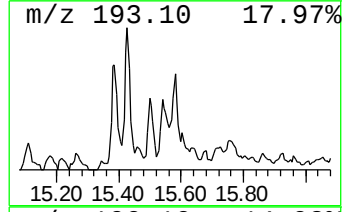
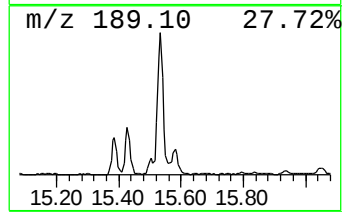
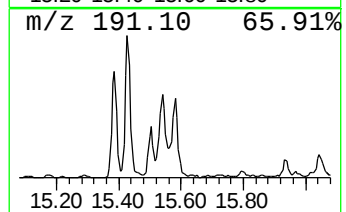
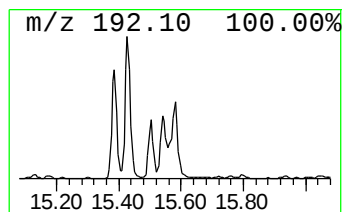
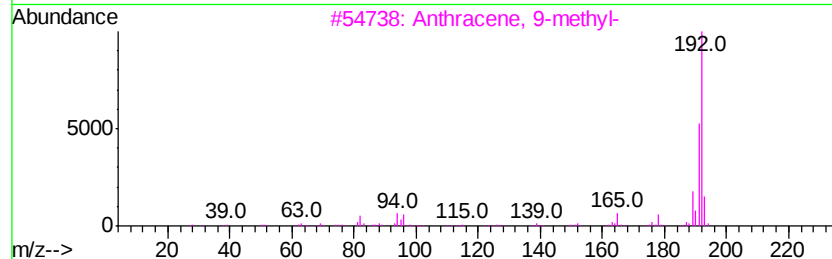
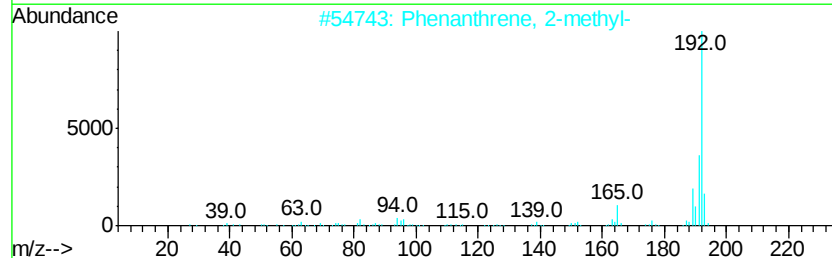
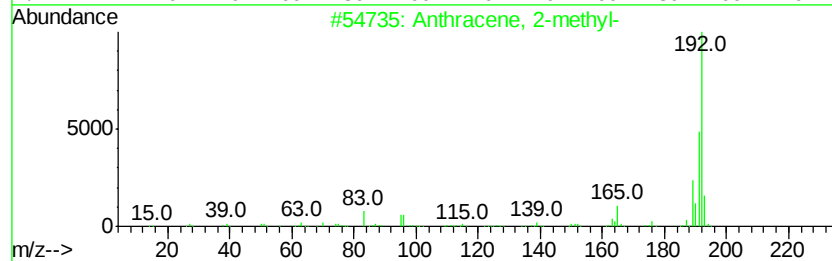
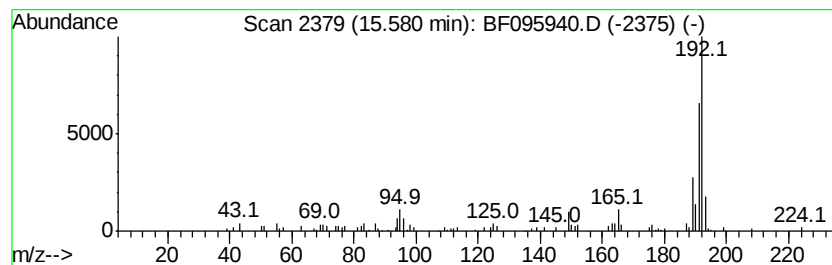
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	8.26 ng	185506	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

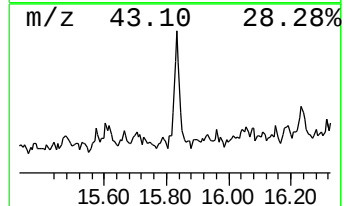
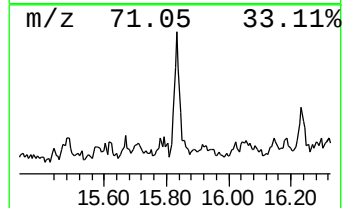
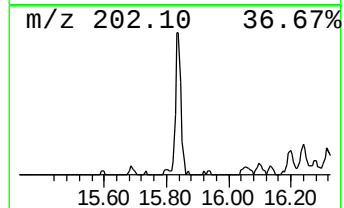
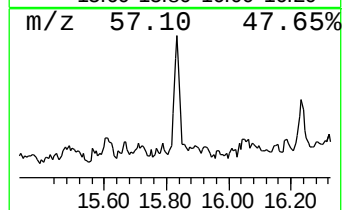
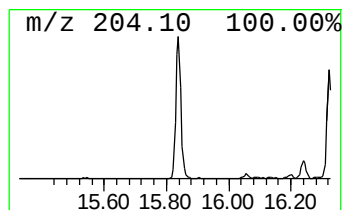
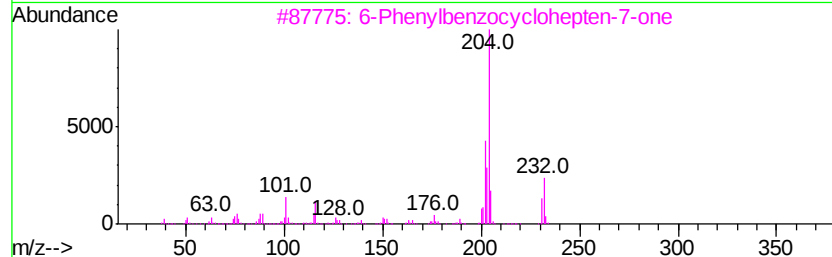
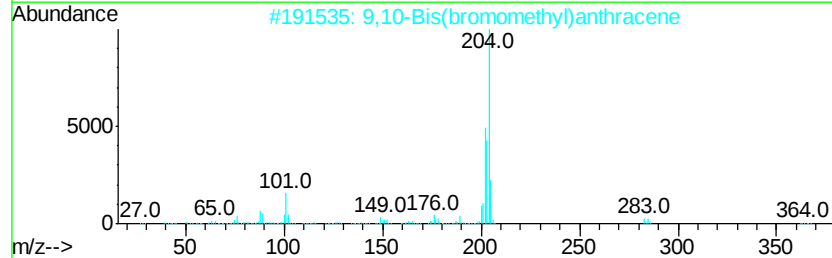
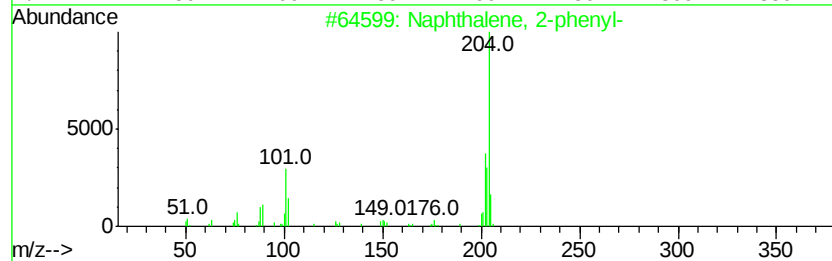
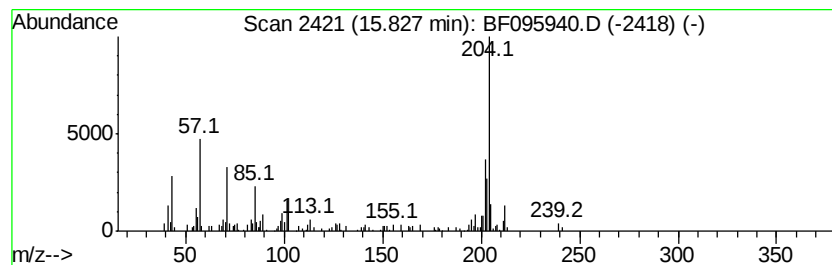
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	9.43 ng	211847	Phenanthrene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	81
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74
4		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

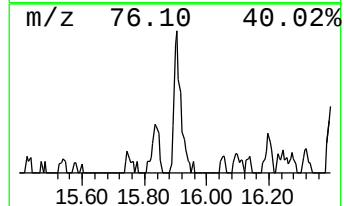
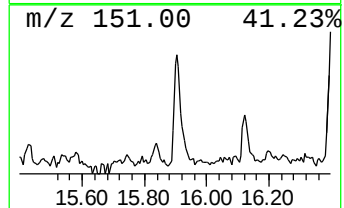
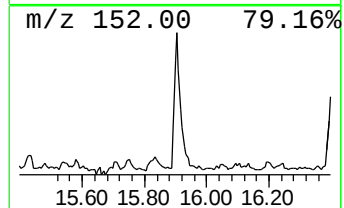
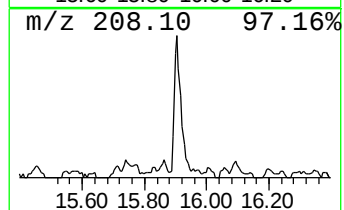
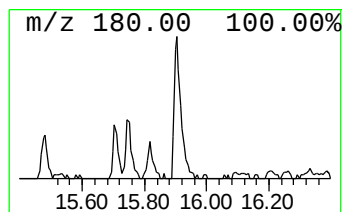
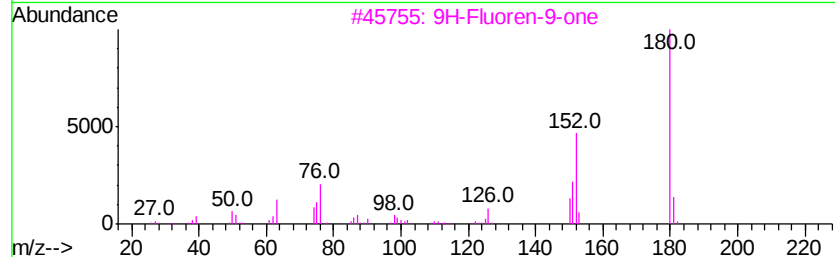
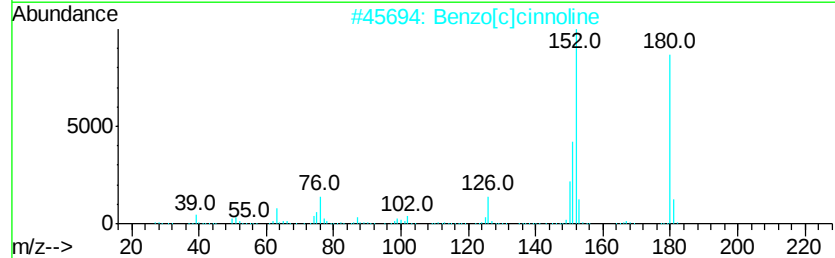
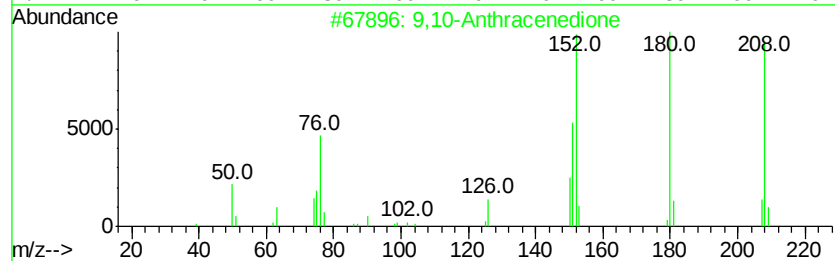
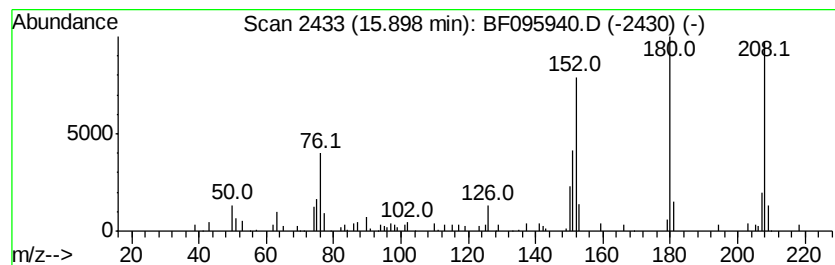
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.58 ng	125444	Phenanthrene-d10	14.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

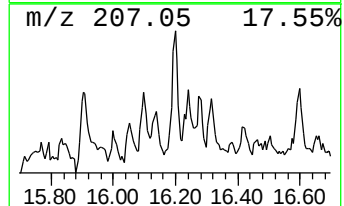
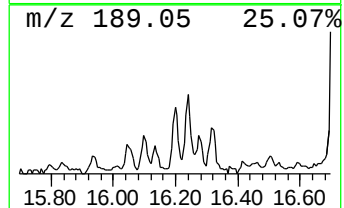
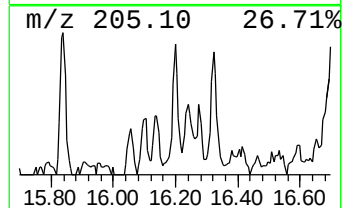
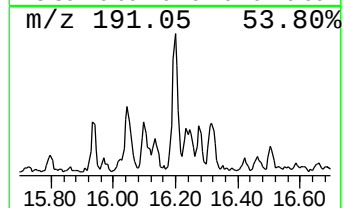
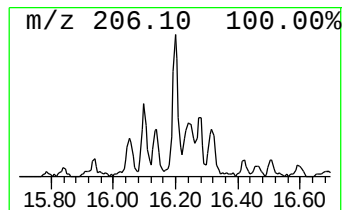
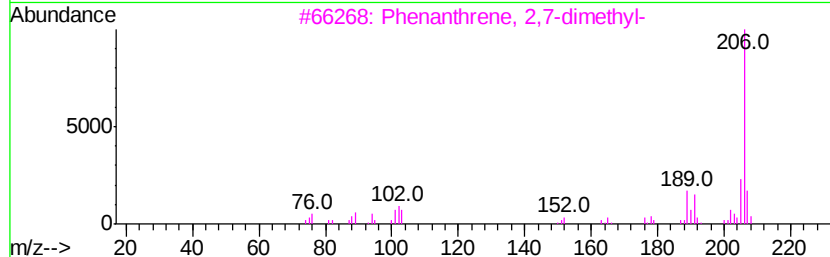
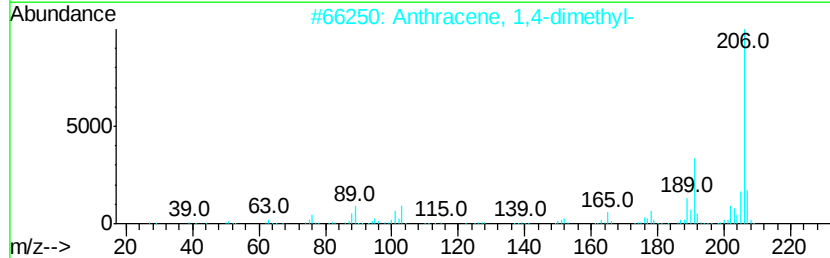
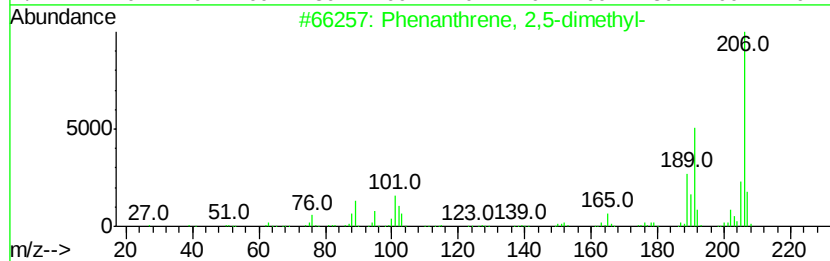
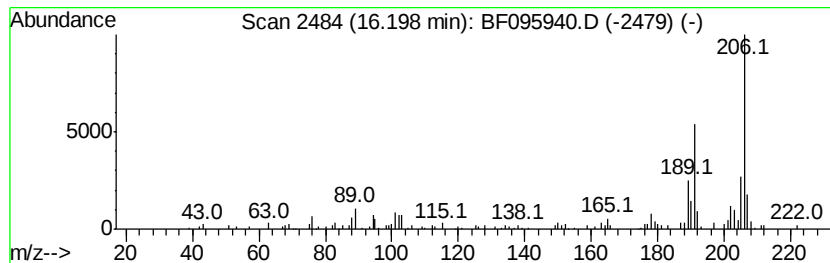
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	6.12 ng	137448	Phenanthrene-d10	14.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

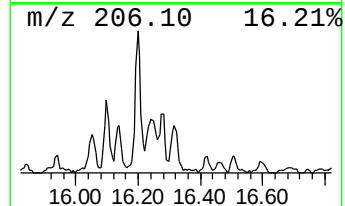
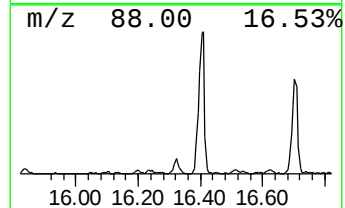
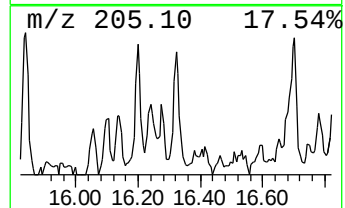
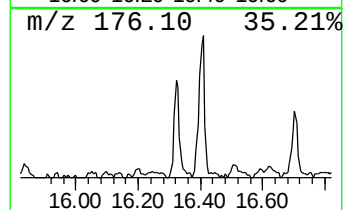
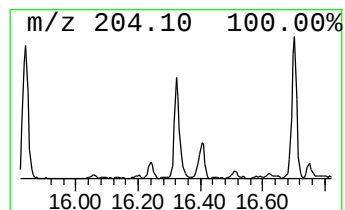
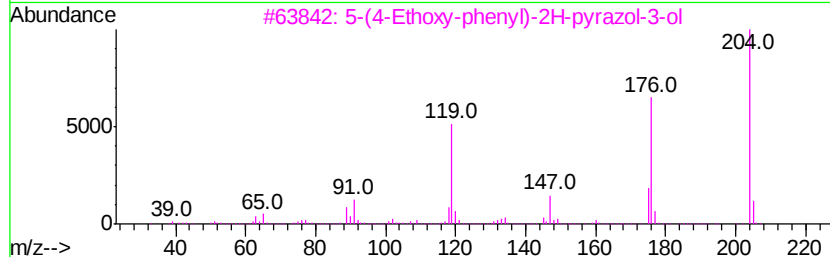
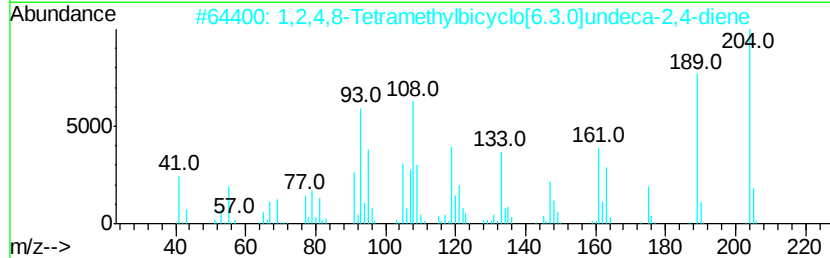
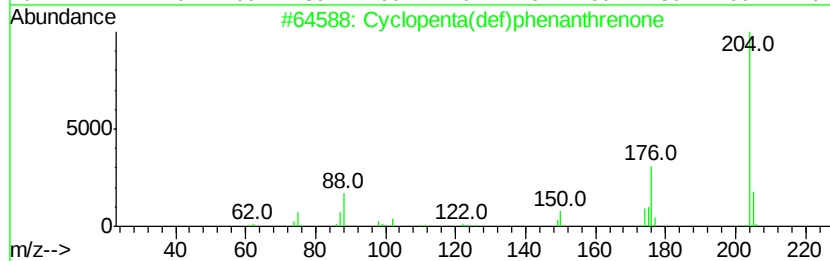
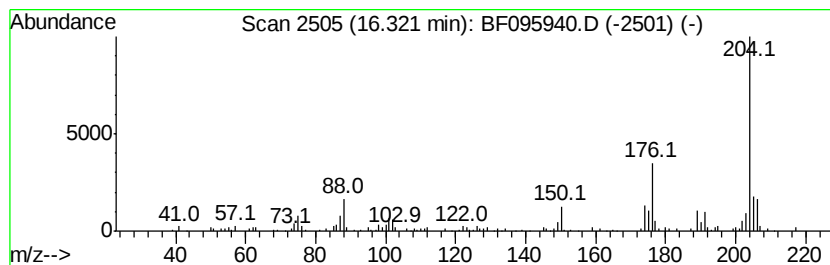
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	6.62 ng	148634	Phenanthrene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
3		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4		1,1,4a-Trimethyl-5,6-dimethylene-1,2,3,4,4a,5,6,7,8,9,10,10a,11,12,13,14,14a-hexadecahydro-1H-cyclopenta[def]phenanthrene	204	C15H24	1000193-60-8	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

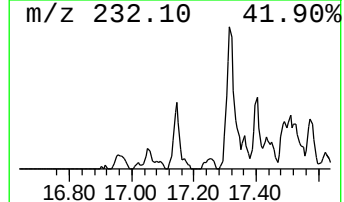
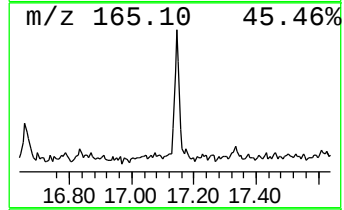
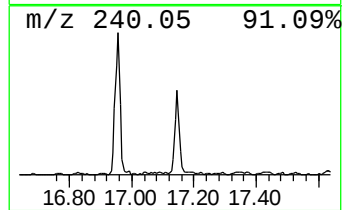
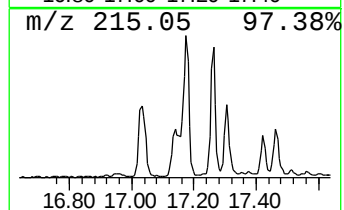
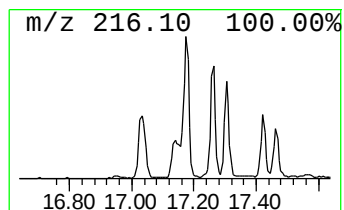
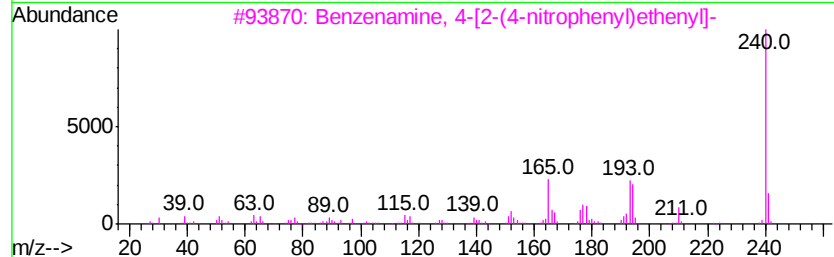
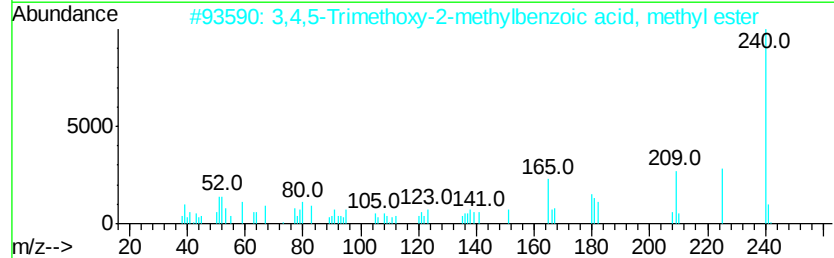
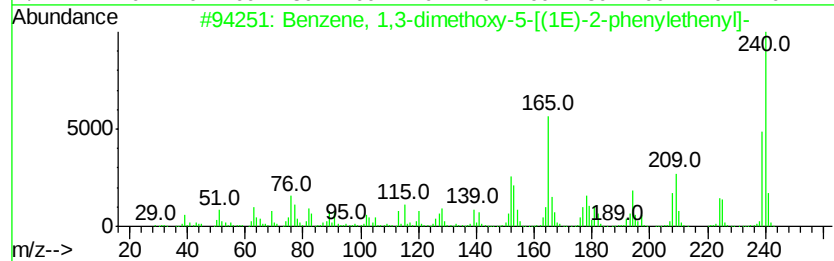
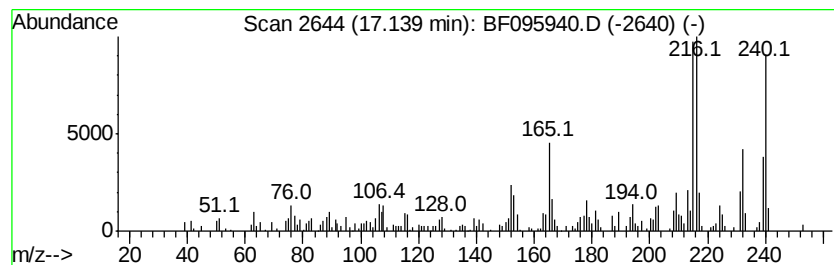
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	4.59 ng	321882	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2		3,4,5-Trimethoxy-2-methylbenzoic...	240	C12H16O5	247180-24-1	38
3		Benzenamine, 4-[2-(4-nitrophenyl)...]	240	C14H12N2O2	004629-58-7	38
4		Naphtho[2,1-b:7,8-b']difuran, 1,...	240	C16H16O2	068873-21-2	25
5		Benzene, 1,1'-(1,2-ethenediyl)bi...	240	C16H16O2	004705-34-4	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

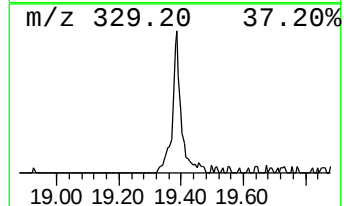
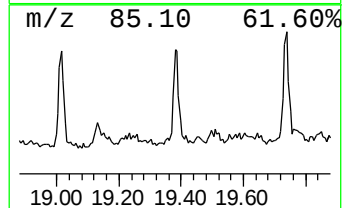
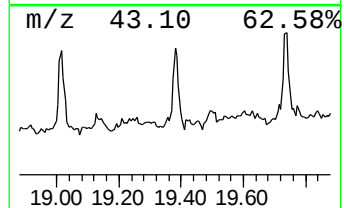
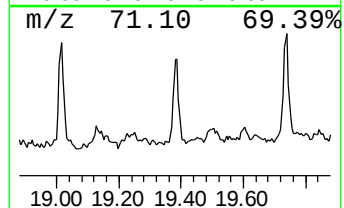
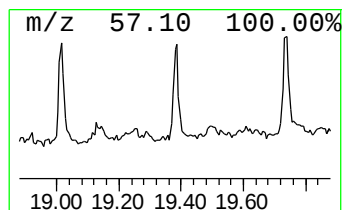
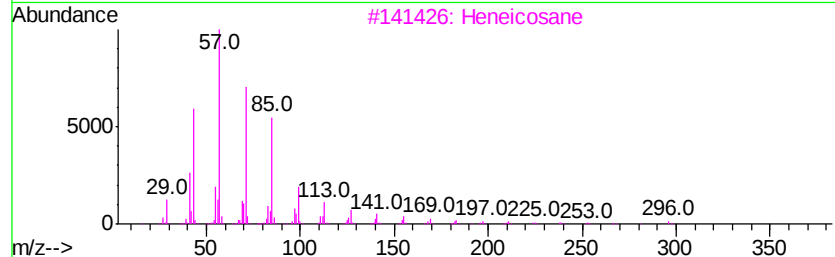
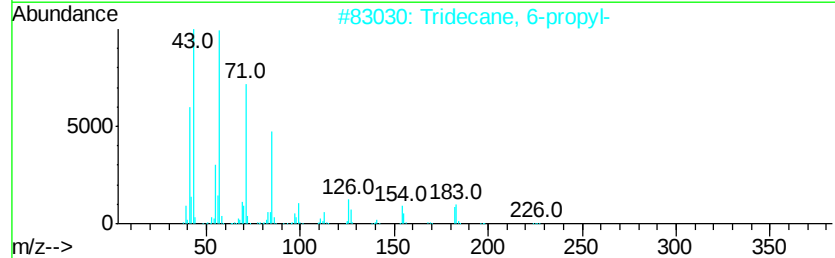
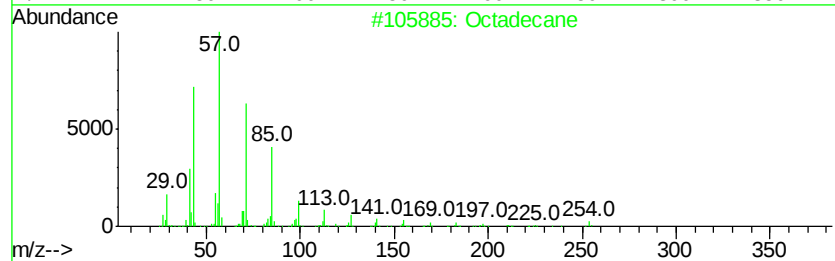
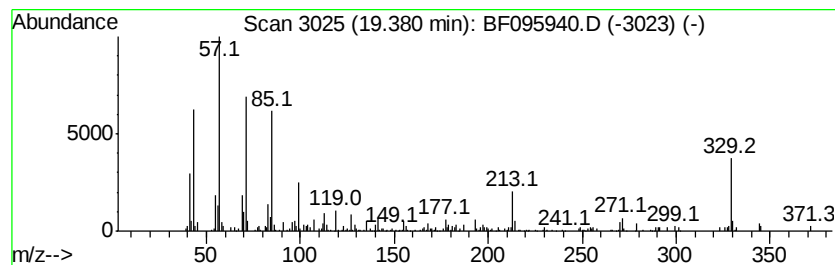
Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

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 16 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.38	11.31 ng	130778	Perylene-d12	19.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	50
3	Heneicosane	296	C21H44	000629-94-7	46
4	Hexacosane	366	C26H54	000630-01-3	45
5	Tetracosane	338	C24H50	000646-31-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

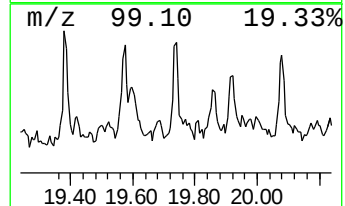
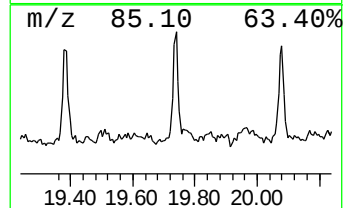
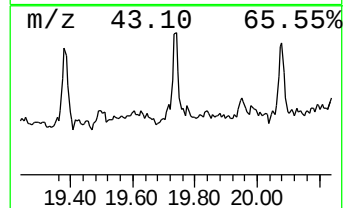
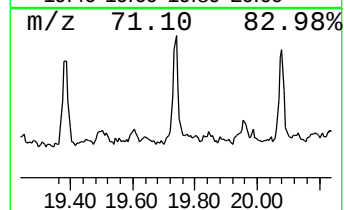
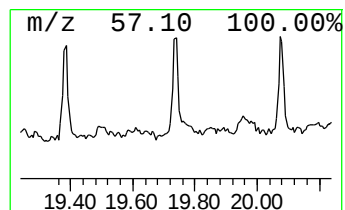
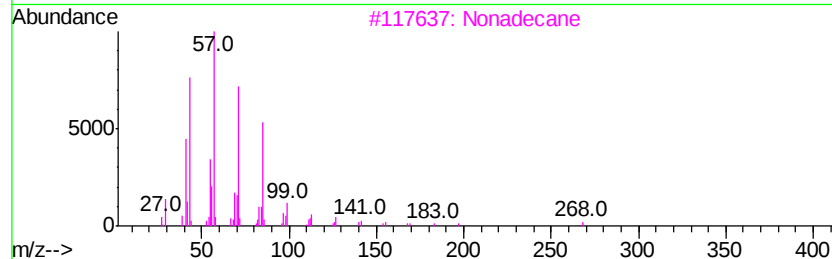
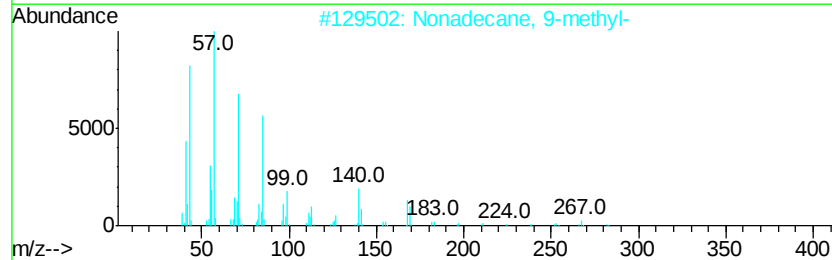
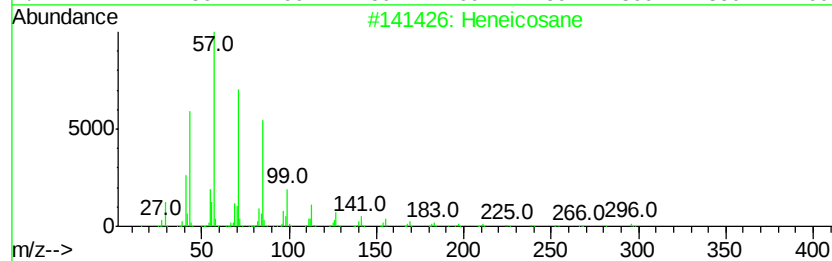
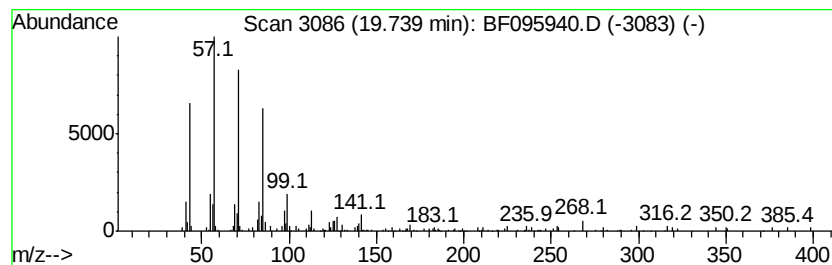
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	8.58 ng	99215	Perylene-d12	19.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
3			Nonadecane	268	C19H40	000629-92-5	83
4			Heptadecane	240	C17H36	000629-78-7	58
5			Octadecane	254	C18H38	000593-45-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095940.D
Acq On : 15 Jun 2017 00:37
Operator : SJ/MA
Sample : I3663-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-A

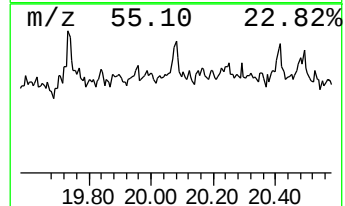
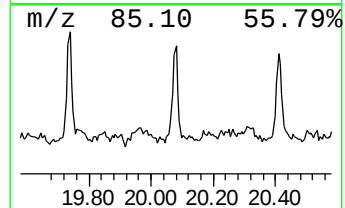
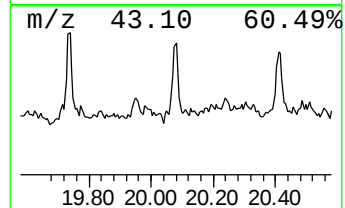
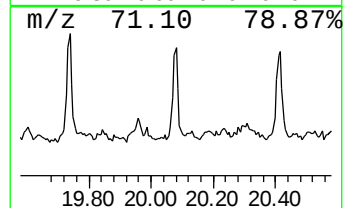
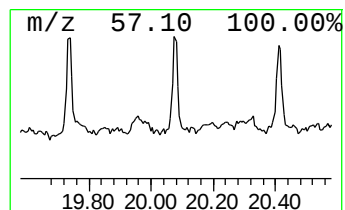
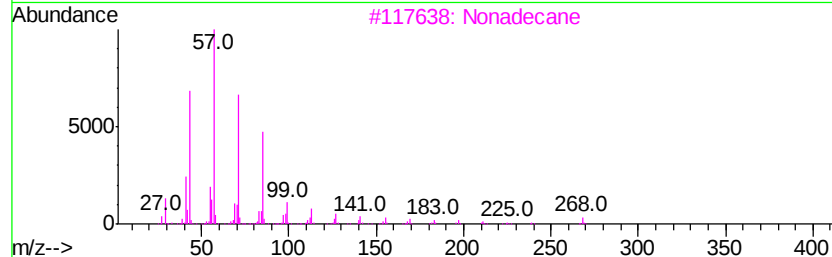
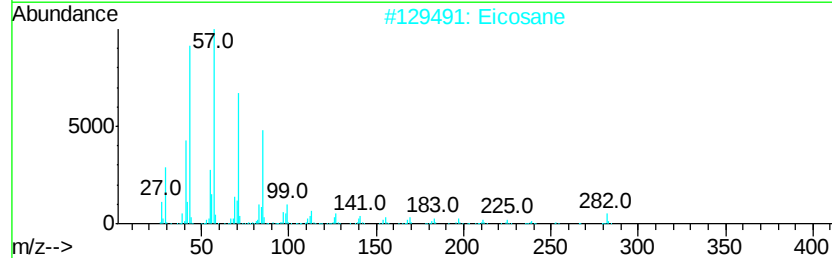
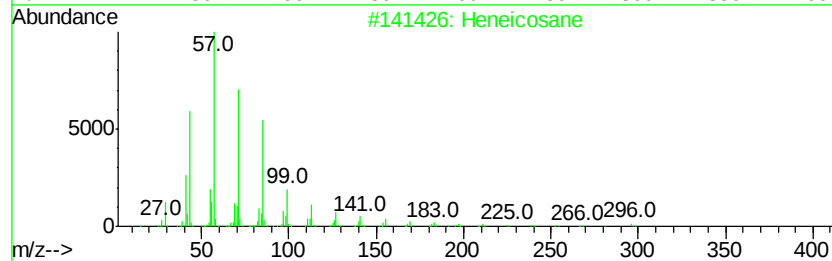
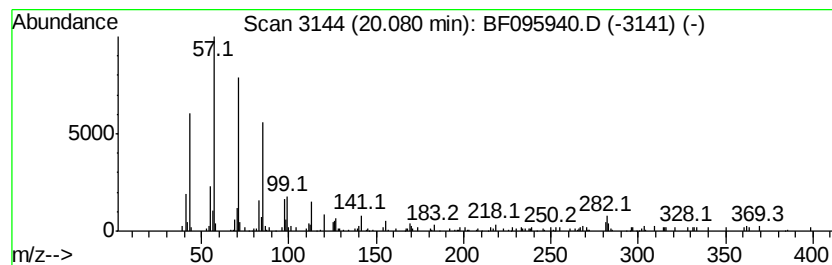
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	11.80 ng	136444	Perylene-d12	19.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	90
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
 Data File : BF095940.D
 Acq On : 15 Jun 2017 00:37
 Operator : SJ/MA
 Sample : I3663-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-A

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	3.46	6.0	ng	114214	1	7.33	377425	20.0
2-Pentanone, 4-hy...	4.50	34.5	ng	651840	1	7.33	377425	20.0
unknown6.99	6.99	59.6	ng	1124220	1	7.33	377425	20.0
Tridecane	13.82	6.2	ng	138760	4	14.58	449366	20.0
Phenanthrene, 1-m...	15.39	7.7	ng	173831	4	14.58	449366	20.0
5H-Dibenzo[a,d]cy...	15.43	10.2	ng	228902	4	14.58	449366	20.0
Anthracene, 2-met...	15.50	4.0	ng	90537	4	14.58	449366	20.0
4H-Cyclopenta[def...	15.53	12.7	ng	284258	4	14.58	449366	20.0
Phenanthrene, 3-m...	15.58	8.3	ng	185506	4	14.58	449366	20.0
Naphthalene, 2-ph...	15.83	9.4	ng	211847	4	14.58	449366	20.0
9,10-Anthracenedione	15.90	5.6	ng	125444	4	14.58	449366	20.0
Phenanthrene, 2,5...	16.20	6.1	ng	137448	4	14.58	449366	20.0
Cyclopenta(def)ph...	16.32	6.6	ng	148634	4	14.58	449366	20.0
Benzene, 1,3-dime...	17.14	4.6	ng	321882	5	18.30	1401840	20.0
Octadecane	19.38	11.3	ng	130778	6	19.97	231352	20.0
Heneicosane	19.74	8.6	ng	99215	6	19.97	231352	20.0
Triacontane	20.08	11.8	ng	136444	6	19.97	231352	20.0