

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093868.D
 Acq On : 23 Mar 2017 8:08
 Operator : SJ/MA
 Sample : I2350-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-217-227-COMP

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-BF032217.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	2.104	33	37	48	rVB	102007	130681	2.79%	0.180%
2	4.133	377	382	391	rBV	675857	929126	19.86%	1.281%
3	4.516	441	447	450	rBV	4024392	4256526	90.96%	5.870%
4	5.569	619	626	631	rBV	3338280	4570536	97.67%	6.303%
5	5.727	647	653	656	rBV	4037383	4508518	96.35%	6.218%
6	5.986	693	697	701	rVB	1350583	1168896	24.98%	1.612%
7	6.169	722	728	731	rBV	3327343	3485164	74.48%	4.806%
8	6.633	800	807	810	rBV	2528138	2909128	62.17%	4.012%
9	7.492	947	953	955	rBV	1498526	1643159	35.11%	2.266%
10	7.516	955	957	960	rVB	647080	510945	10.92%	0.705%
11	8.357	1095	1100	1106	rBV	161359	139677	2.98%	0.193%
12	8.474	1114	1120	1124	rBV	74526	68522	1.46%	0.095%
13	8.815	1171	1178	1181	rBV	4312095	4679416	100.00%	6.454%
14	9.304	1257	1261	1265	rBV	444621	387750	8.29%	0.535%
15	9.633	1308	1317	1320	rBV2	1635508	1694418	36.21%	2.337%
16	9.668	1320	1323	1327	rVB	808056	770429	16.46%	1.063%
17	9.886	1353	1360	1365	rBV	451467	466523	9.97%	0.643%
18	10.221	1413	1417	1422	rBV	109675	101594	2.17%	0.140%
19	10.304	1427	1431	1435	rVB	866403	790857	16.90%	1.091%
20	10.409	1447	1449	1453	rVB	85140	81856	1.75%	0.113%
21	10.468	1457	1459	1462	rVV	51617	58759	1.26%	0.081%
22	10.504	1462	1465	1471	rVB2	110328	119960	2.56%	0.165%
23	10.604	1476	1482	1487	rBV	2352810	2565166	54.82%	3.538%
24	10.809	1513	1517	1519	rBV	146093	146186	3.12%	0.202%
25	10.833	1519	1521	1525	rVB2	67196	87305	1.87%	0.120%
26	10.986	1540	1547	1550	rBV2	60207	88818	1.90%	0.122%
27	11.327	1601	1605	1608	rVB	279046	254597	5.44%	0.351%
28	11.362	1608	1611	1614	rVB	123821	107735	2.30%	0.149%
29	11.456	1622	1627	1630	rBV	1295126	1617144	34.56%	2.230%
30	11.492	1630	1633	1637	rVV	3736848	3856631	82.42%	5.319%
31	11.551	1637	1643	1647	rVV	1479919	1385965	29.62%	1.911%
32	11.586	1647	1649	1656	rVB2	48778	63802	1.36%	0.088%
33	11.745	1672	1676	1680	rVB	711007	672451	14.37%	0.927%
34	11.892	1699	1701	1704	rVB	80229	63844	1.36%	0.088%

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35	12.080	1726	1733	1736	rBV	237377	245823	5.25%	0.339%
36	12.115	1736	1739	1744	rVV	333802	336712	7.20%	0.464%
37	12.174	1744	1749	1752	rVV2	185206	216263	4.62%	0.298%
38	12.209	1752	1755	1759	rVV	561975	652168	13.94%	0.899%
39	12.239	1759	1760	1767	rVB	121471	115411	2.47%	0.159%
40	12.333	1773	1776	1781	rBV	54544	59215	1.27%	0.082%
41	12.451	1793	1796	1801	rVB	214545	213094	4.55%	0.294%
42	12.756	1843	1848	1852	rBV2	56653	82067	1.75%	0.113%
43	12.880	1864	1869	1872	rVB4	41054	60943	1.30%	0.084%
44	12.956	1876	1882	1885	rBV	3156203	3537823	75.60%	4.879%
45	13.127	1907	1911	1920	rVB2	103225	157229	3.36%	0.217%
46	13.233	1920	1929	1932	rBV	2576560	3417751	73.04%	4.714%
47	13.262	1932	1934	1937	rVV2	150844	178326	3.81%	0.246%
48	13.292	1937	1939	1942	rVB	104224	92905	1.99%	0.128%
49	13.380	1949	1954	1957	rBV	147760	161387	3.45%	0.223%
50	13.439	1957	1964	1967	rVV	3032911	3379092	72.21%	4.660%
51	13.486	1967	1972	1973	rVV	65101	67582	1.44%	0.093%
52	13.515	1973	1977	1978	rVV2	89143	131475	2.81%	0.181%
53	13.539	1978	1981	1984	rVB	110422	117667	2.51%	0.162%
54	13.609	1988	1993	1995	rVV3	90612	132421	2.83%	0.183%
55	13.639	1995	1998	2004	rVB	426959	438927	9.38%	0.605%
56	13.721	2009	2012	2016	rBV	490150	482322	10.31%	0.665%
57	13.762	2016	2019	2023	rVV	174841	215641	4.61%	0.297%
58	13.797	2023	2025	2030	rVB	68124	77966	1.67%	0.108%
59	13.845	2030	2033	2036	rBV2	79163	81311	1.74%	0.112%
60	13.915	2042	2045	2048	rBV	61393	58988	1.26%	0.081%
61	14.086	2071	2074	2077	rBV	66713	63659	1.36%	0.088%
62	14.145	2081	2084	2086	rBV	65640	64240	1.37%	0.089%
63	14.397	2123	2127	2131	rBV	179260	194670	4.16%	0.268%
64	14.433	2131	2133	2135	rVV	158826	166613	3.56%	0.230%
65	14.456	2135	2137	2139	rVV	157519	150761	3.22%	0.208%
66	14.480	2139	2141	2148	rVB2	78568	105615	2.26%	0.146%
67	14.592	2155	2160	2171	rBV3	231348	444842	9.51%	0.613%
68	14.709	2171	2180	2183	rVV2	1435525	2629459	56.19%	3.626%
69	14.739	2183	2185	2194	rVB	988629	1070307	22.87%	1.476%
70	14.833	2194	2201	2206	rBV	352195	388010	8.29%	0.535%
71	14.944	2216	2220	2222	rBV	121114	135550	2.90%	0.187%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.986	2225	2227	2232	rVB	111016	114711	2.45%	0.158%
73	15.103	2243	2247	2251	rBV2	51677	69253	1.48%	0.096%
74	15.144	2251	2254	2257	rVV	61600	68332	1.46%	0.094%
75	15.186	2257	2261	2265	rVV	125450	177953	3.80%	0.245%
76	15.227	2265	2268	2271	rVB2	63765	67969	1.45%	0.094%
77	15.297	2277	2280	2283	rBV2	109309	111482	2.38%	0.154%
78	15.333	2283	2286	2288	rBV2	73355	75696	1.62%	0.104%
79	15.362	2288	2291	2293	rVV	91046	88336	1.89%	0.122%
80	15.439	2302	2304	2310	rVB	53454	58435	1.25%	0.081%
81	15.556	2320	2324	2337	rBV5	59367	137602	2.94%	0.190%
82	15.762	2353	2359	2364	rBV3	45195	90119	1.93%	0.124%
83	15.821	2366	2369	2375	rVB2	50481	64290	1.37%	0.089%
84	15.933	2383	2388	2391	rBV	776546	1234943	26.39%	1.703%
85	16.038	2403	2406	2409	rVB	190020	197477	4.22%	0.272%
86	16.097	2411	2416	2419	rBV3	83921	116273	2.48%	0.160%
87	16.227	2433	2438	2443	rVB	525935	611753	13.07%	0.844%
88	16.286	2443	2448	2453	rBV	820397	914800	19.55%	1.262%
89	16.350	2454	2459	2461	rBV	741544	902952	19.30%	1.245%
90	16.374	2461	2463	2472	rVB	270018	322931	6.90%	0.445%
91	16.544	2485	2492	2495	rBV4	50199	130120	2.78%	0.179%
92	16.703	2517	2519	2525	rVB5	36866	61157	1.31%	0.084%
93	16.886	2545	2550	2555	rBV2	65072	127871	2.73%	0.176%
94	17.580	2658	2668	2673	rBV3	69488	177957	3.80%	0.245%
95	17.733	2688	2694	2703	rVB2	324469	639425	13.66%	0.882%
96	17.809	2703	2707	2715	rVB	45942	92431	1.98%	0.127%
97	17.903	2715	2723	2725	rBV2	74762	136347	2.91%	0.188%
98	17.944	2726	2730	2737	rVB4	94699	212381	4.54%	0.293%
99	18.138	2756	2763	2775	rBV	267694	577938	12.35%	0.797%
100	18.356	2793	2800	2812	rVB	168351	422148	9.02%	0.582%

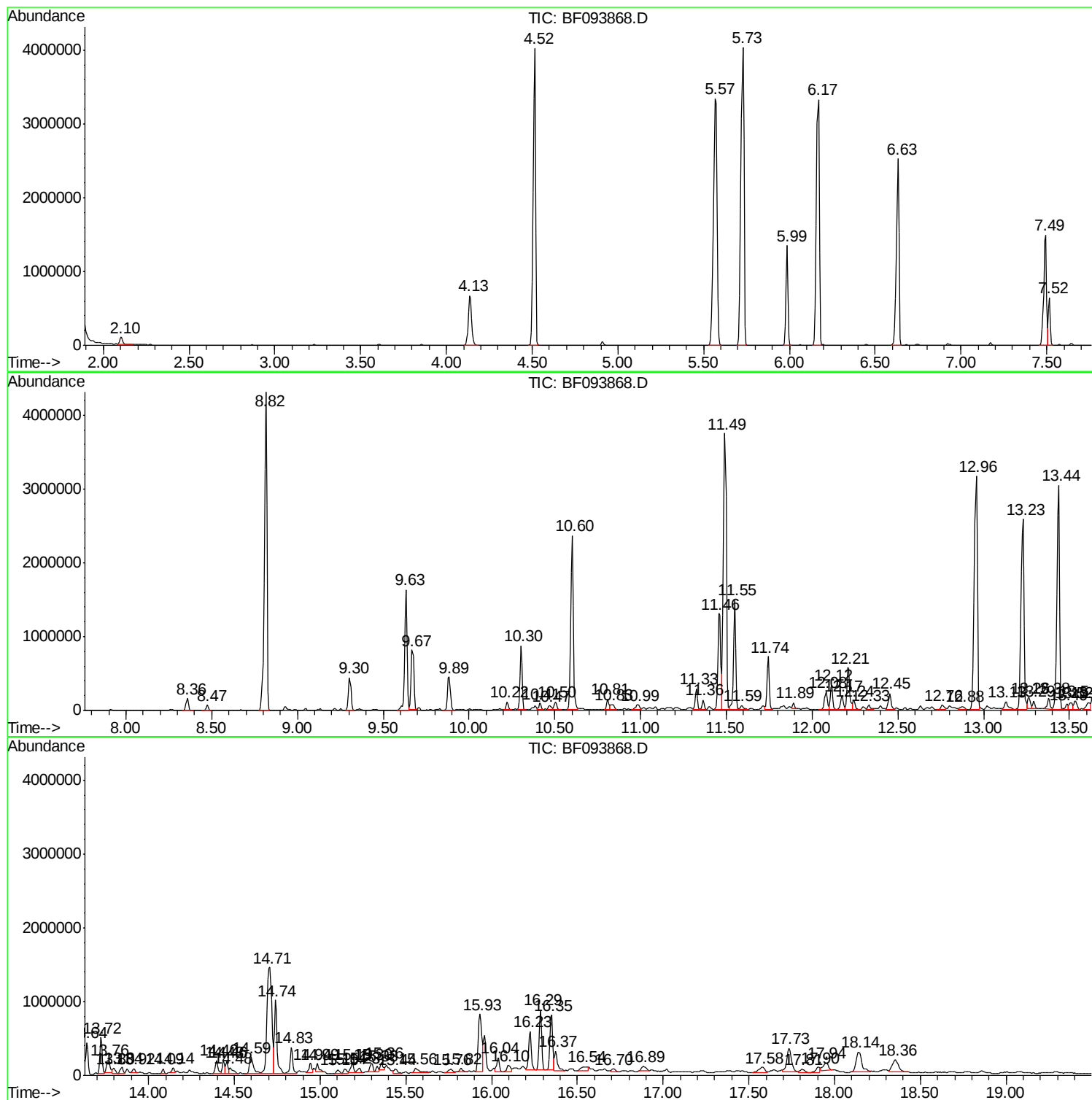
Sum of corrected areas: 72509401

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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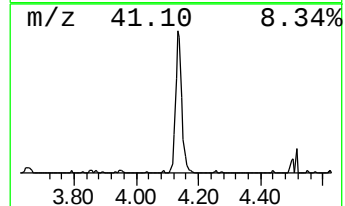
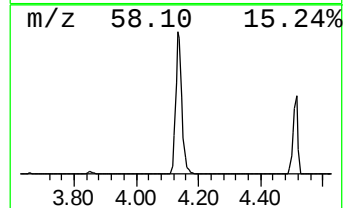
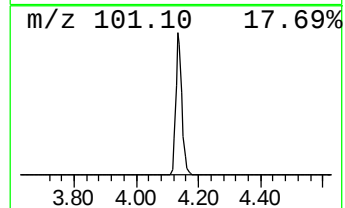
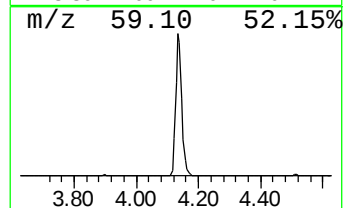
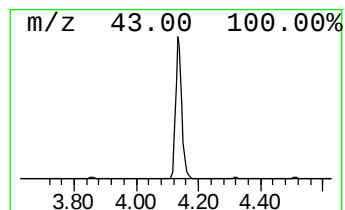
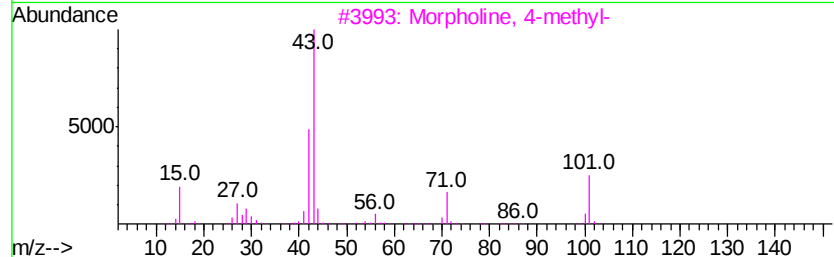
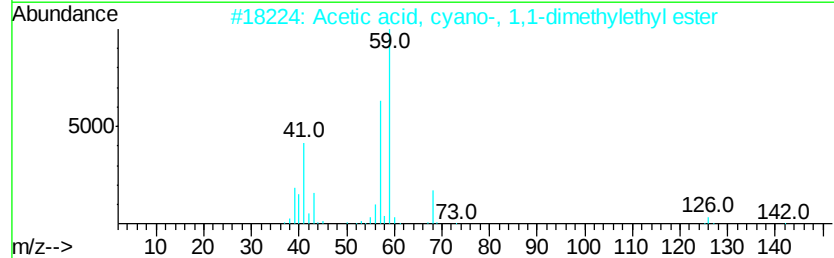
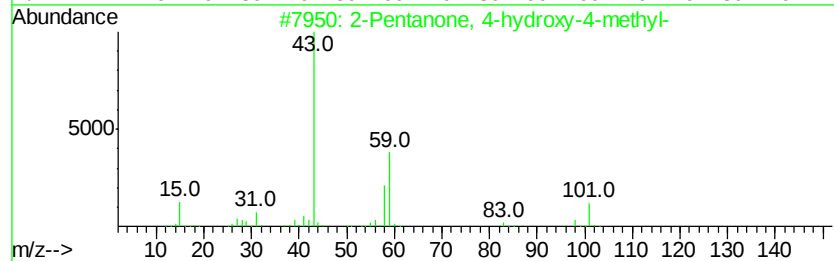
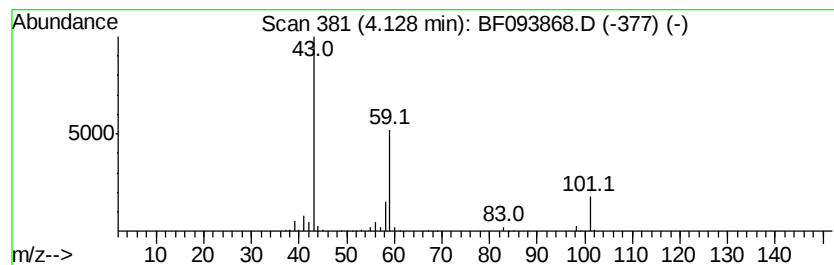
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	15.90 ng	929126	1,4-Dichlorobenzene-d4	5.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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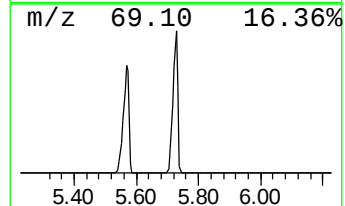
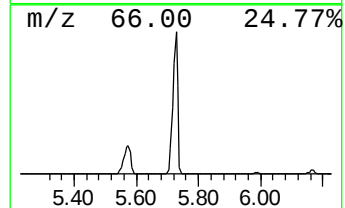
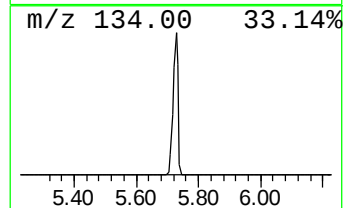
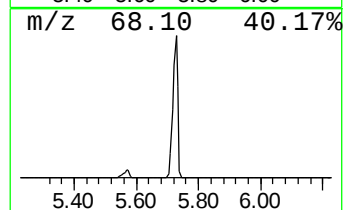
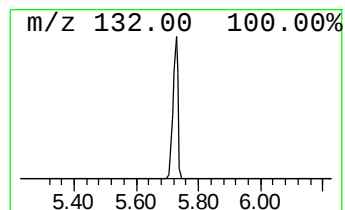
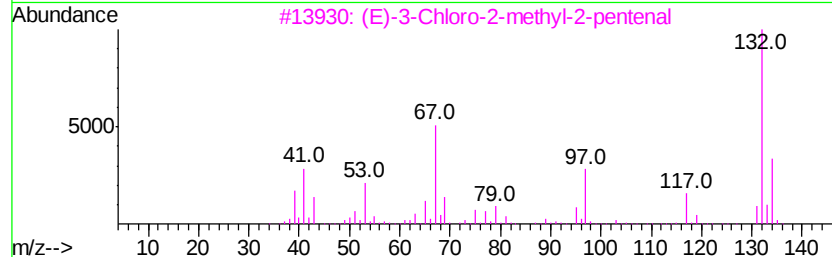
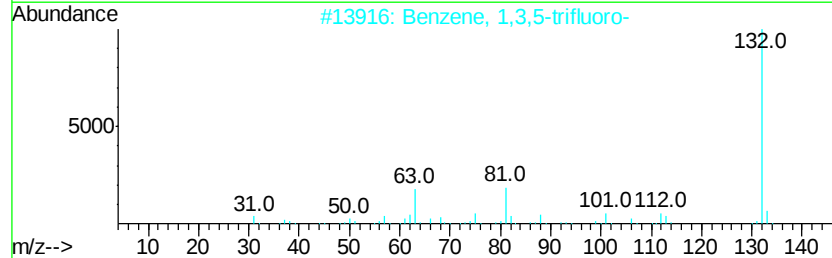
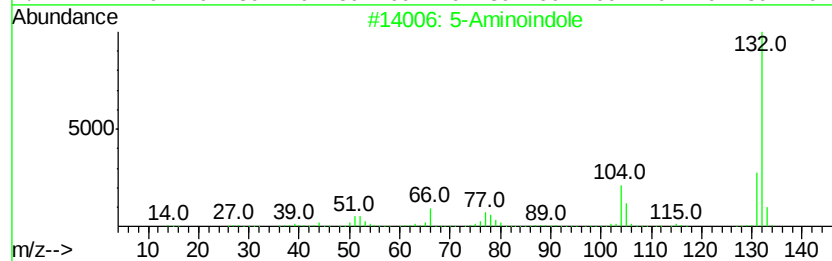
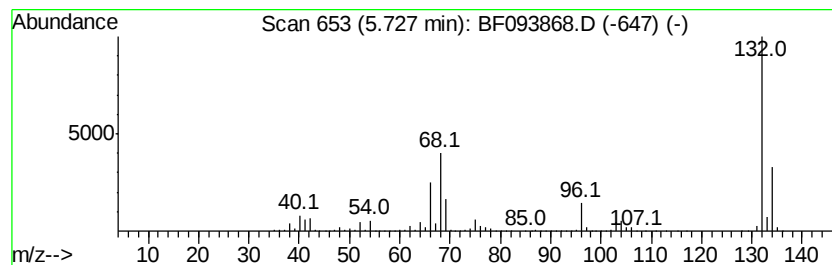
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	77.14 ng	4508520	1,4-Dichlorobenzene-d4	5.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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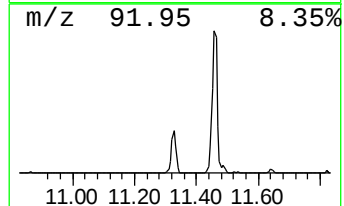
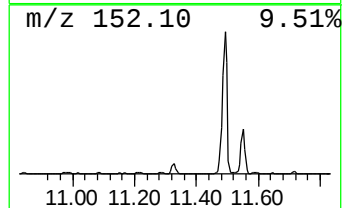
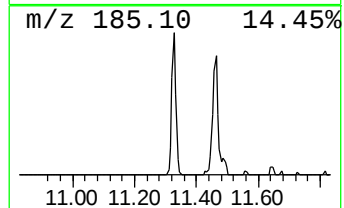
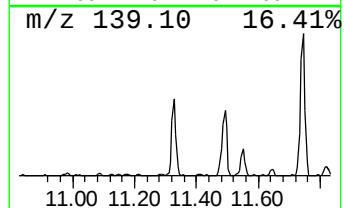
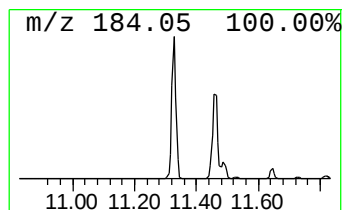
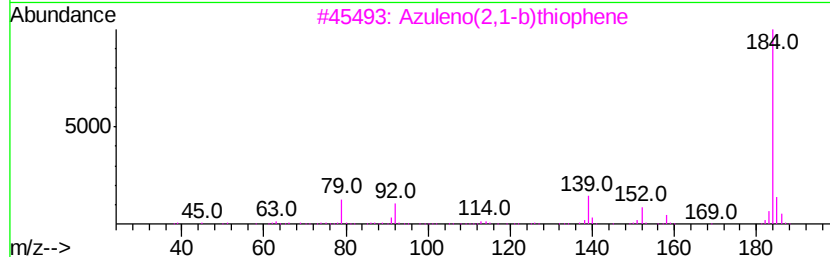
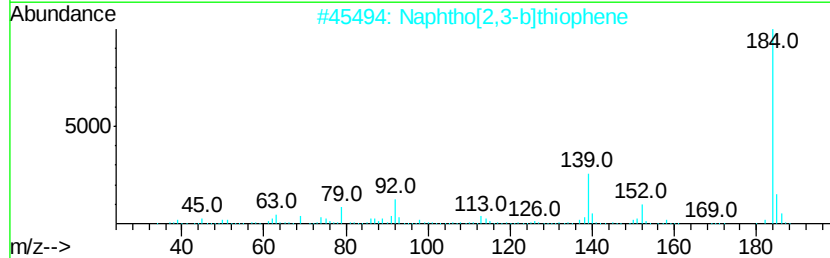
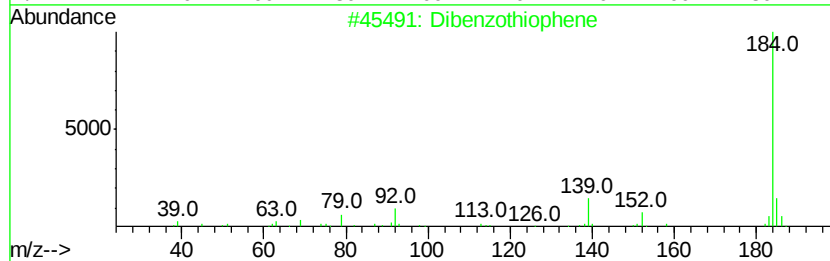
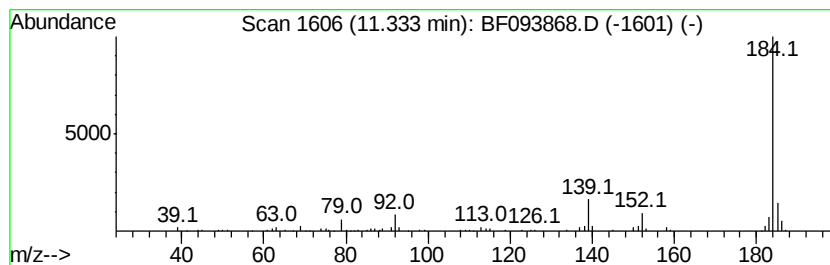
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.15 ng	254597	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	56



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Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
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Instrument :
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ClientSampleId :
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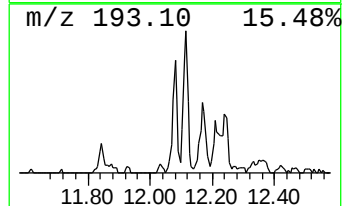
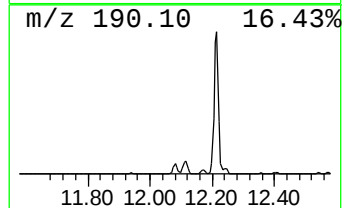
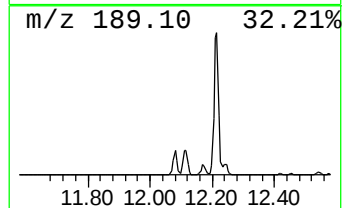
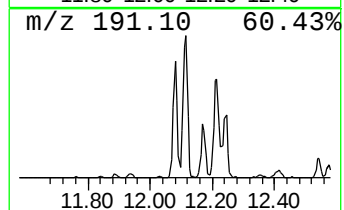
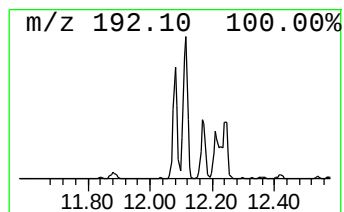
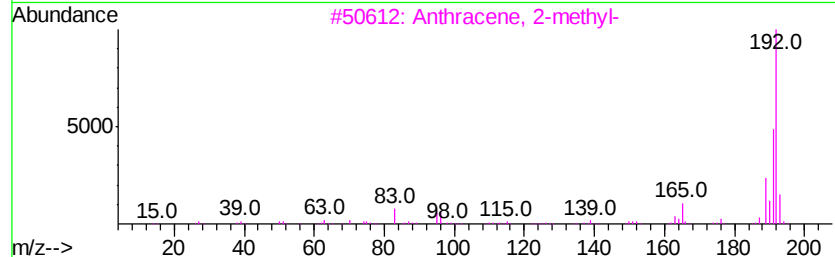
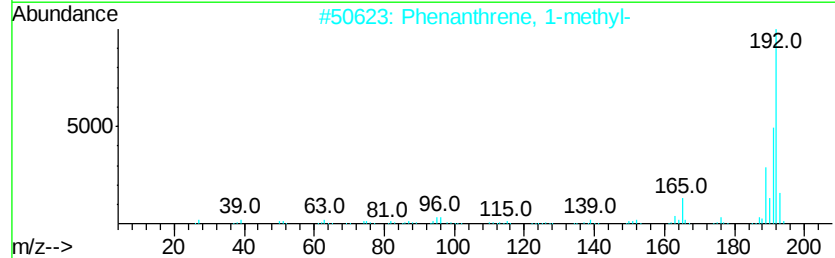
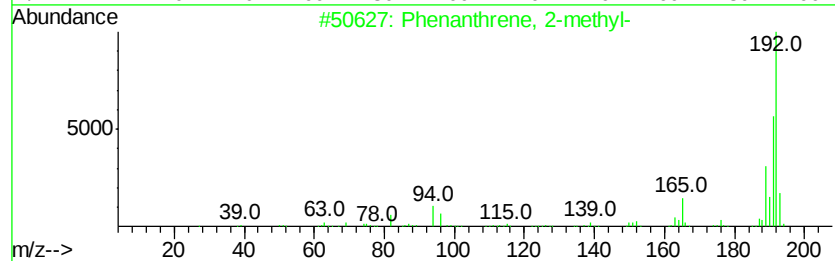
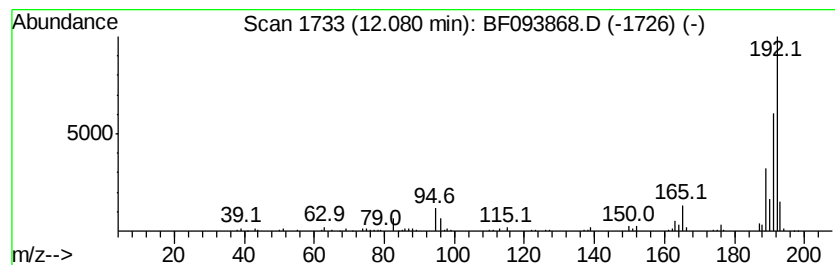
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.04 ng	245823	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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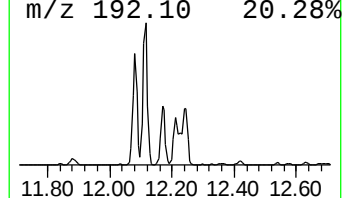
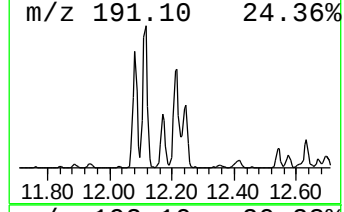
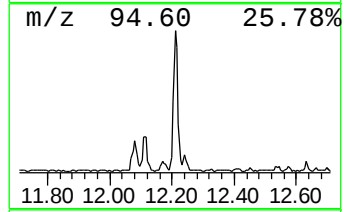
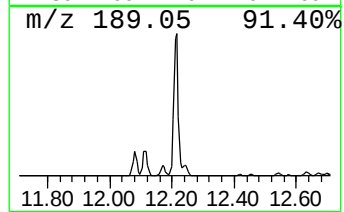
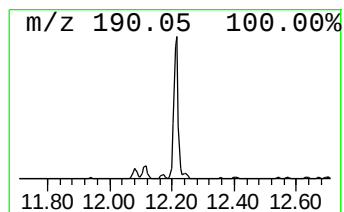
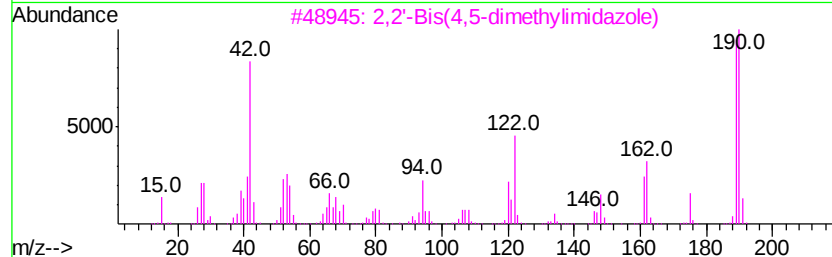
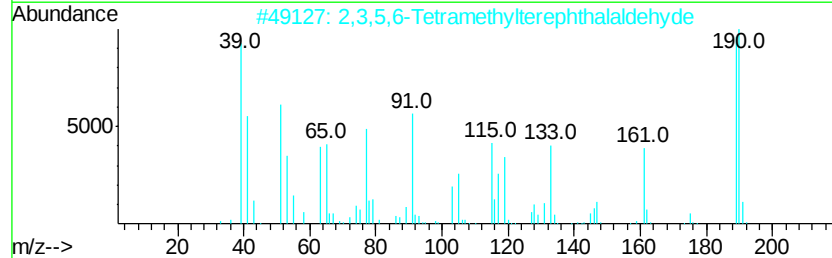
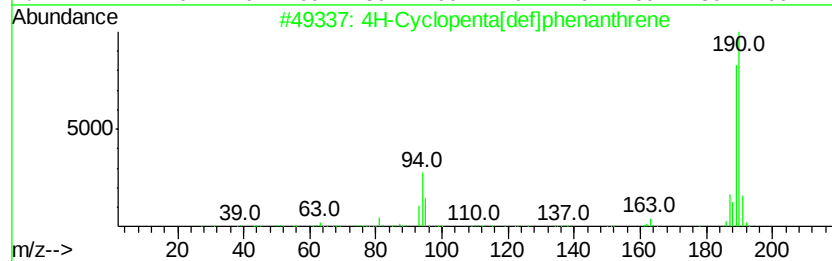
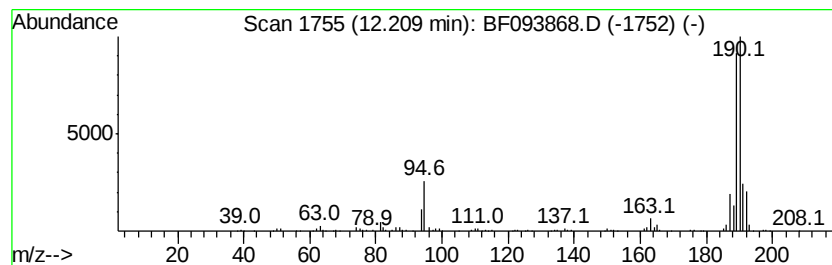
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.21	8.07 ng	652168	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032217\
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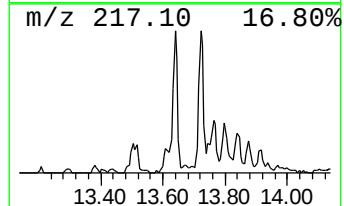
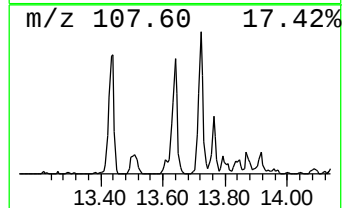
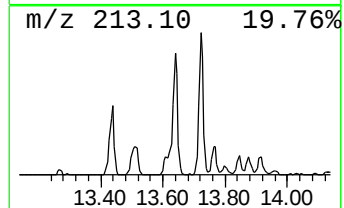
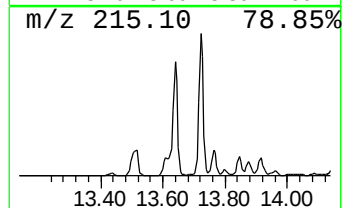
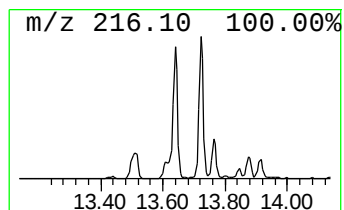
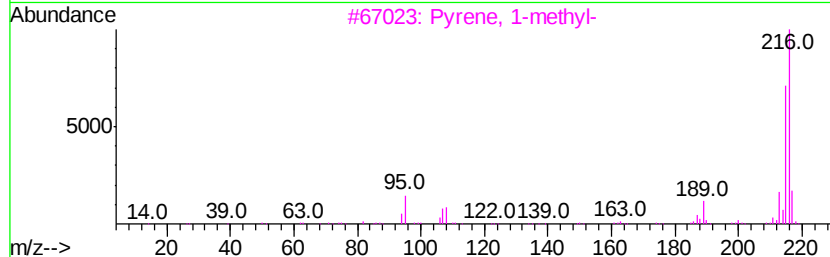
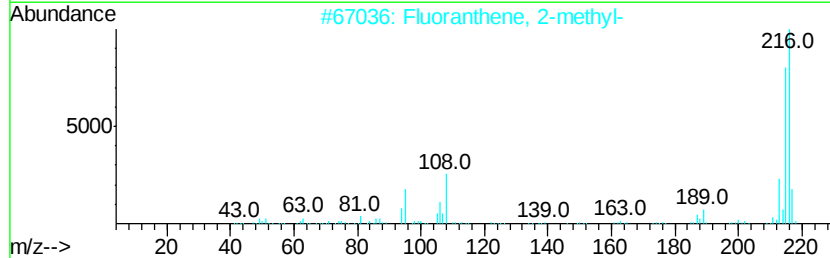
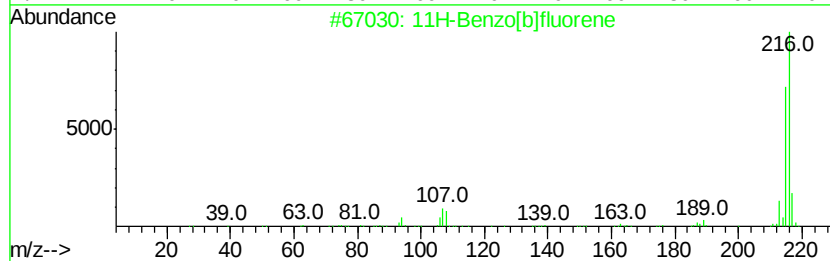
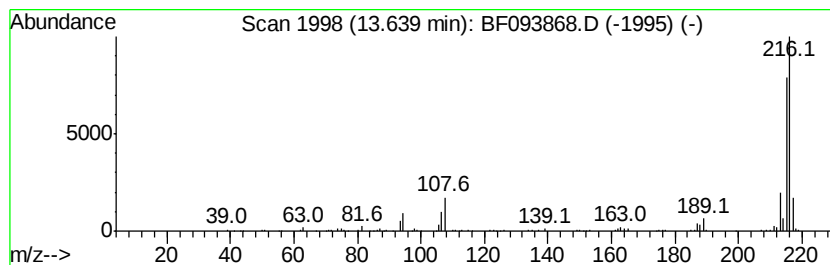
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.34 ng	438927	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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Acq On : 23 Mar 2017 8:08
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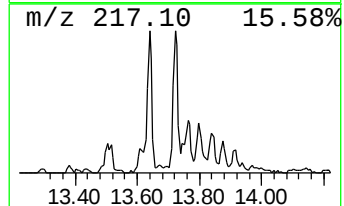
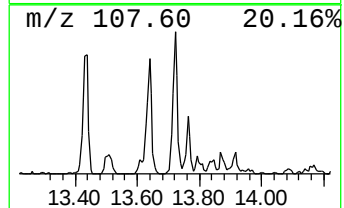
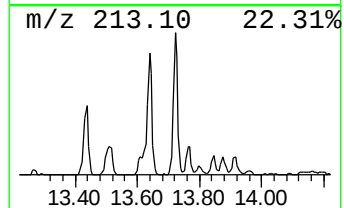
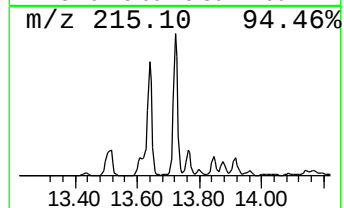
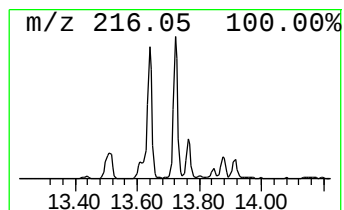
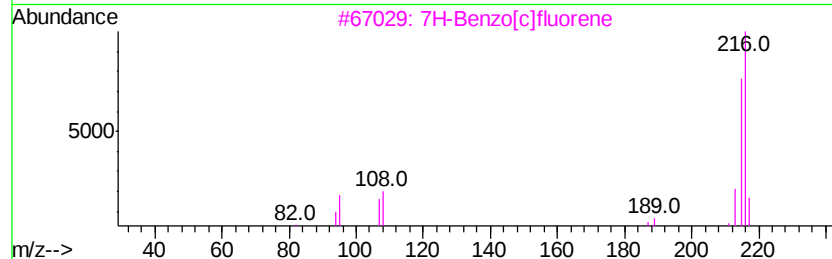
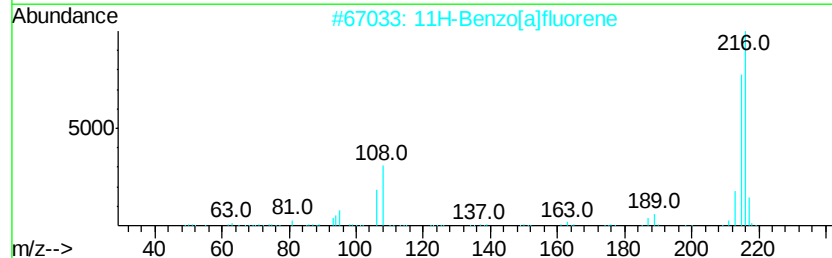
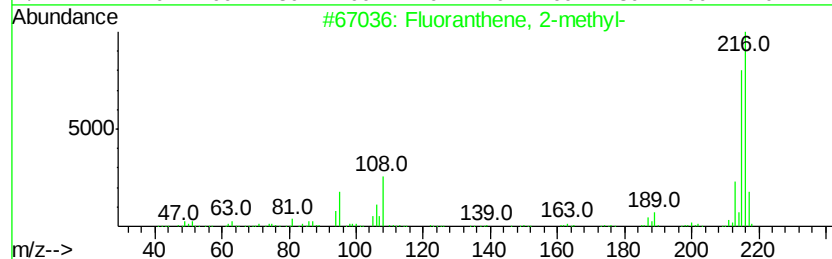
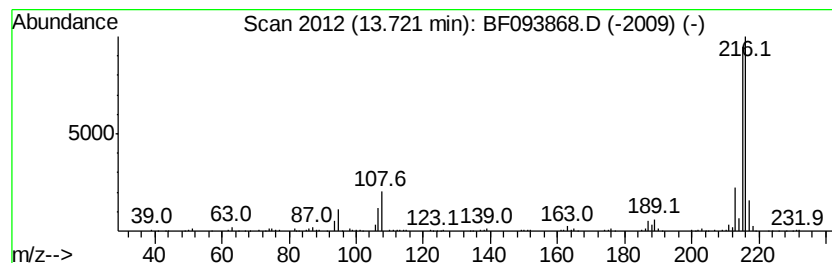
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.67 ng	482322	Chrysene-d12	14.71

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			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
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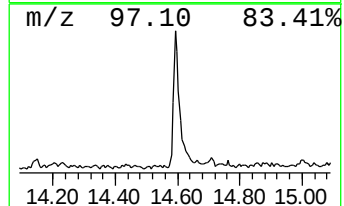
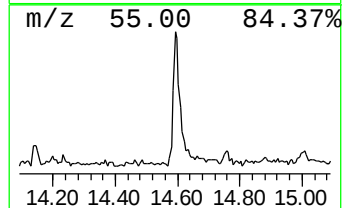
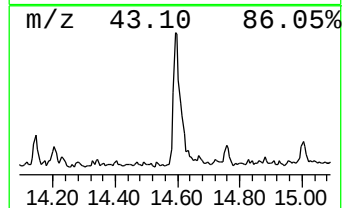
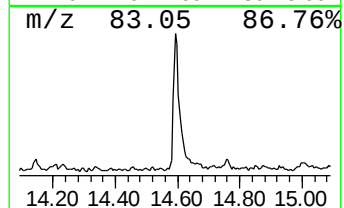
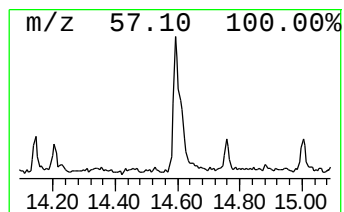
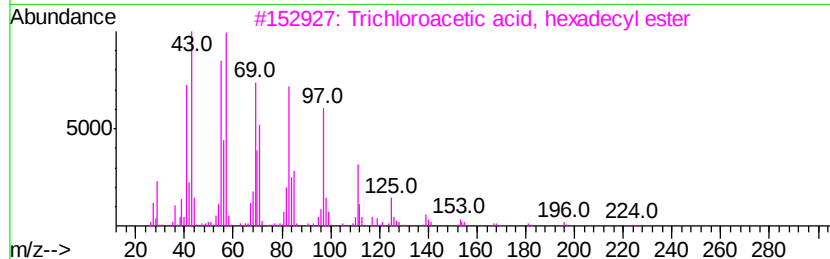
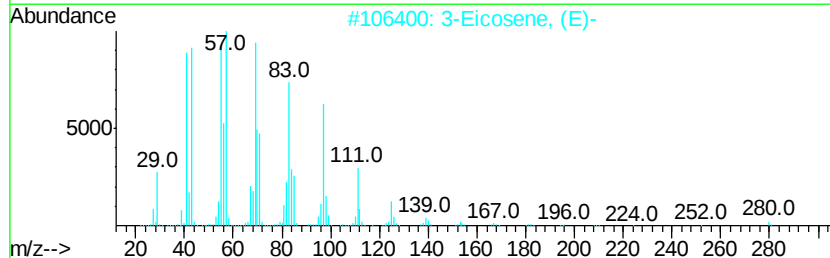
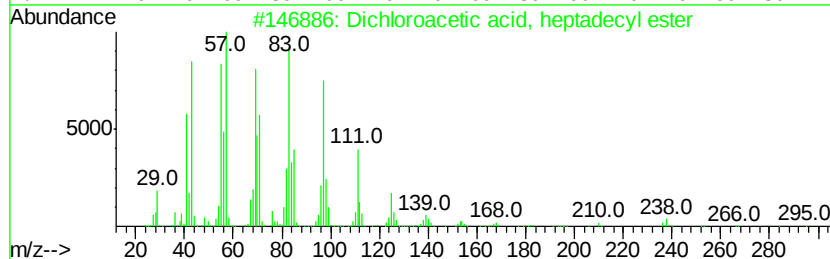
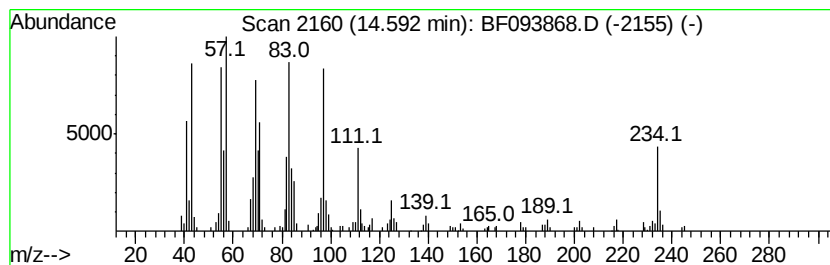
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dichloroacetic acid, heptad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.38 ng	444842	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
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ClientSampleId :
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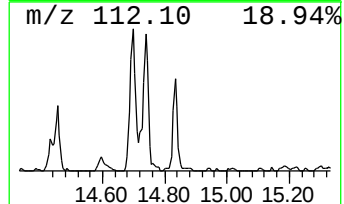
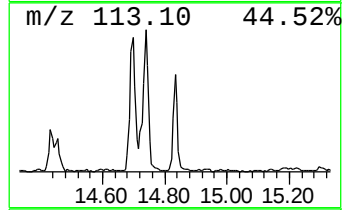
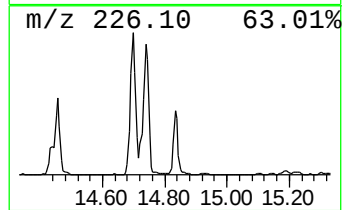
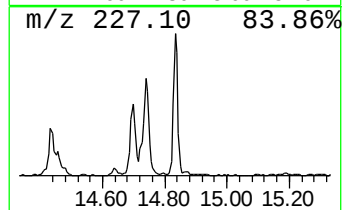
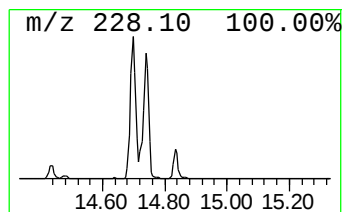
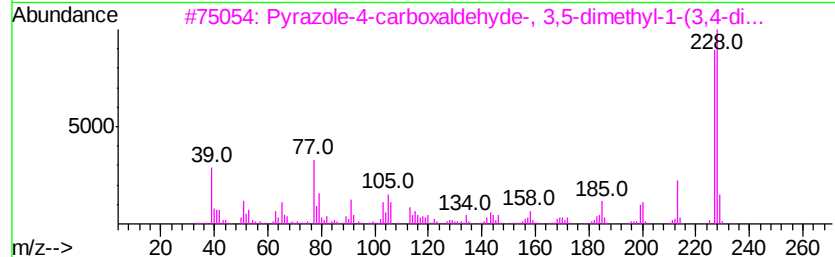
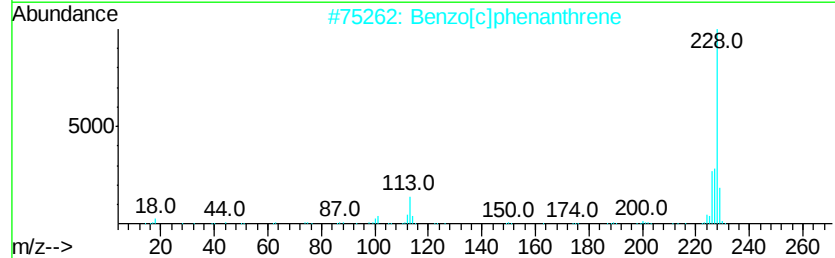
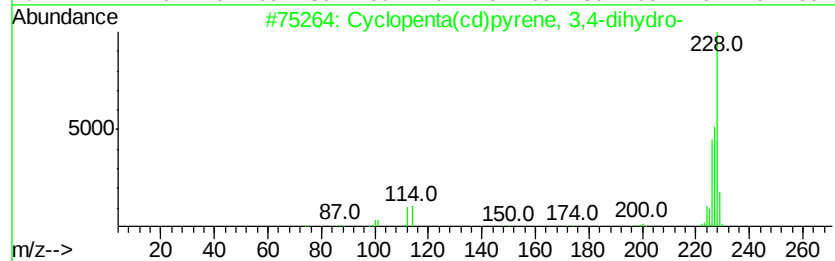
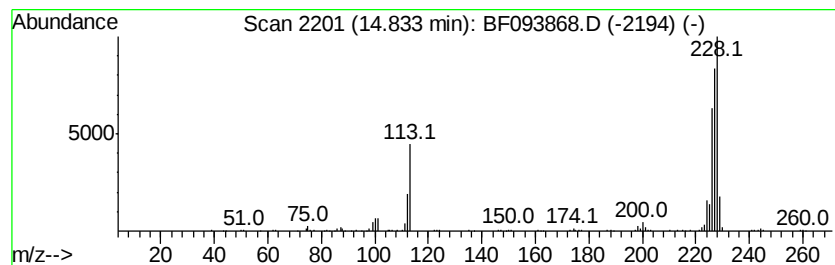
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.95 ng	388010	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4		Triphenylene	228	C18H12	000217-59-4	38
5		Benz[a]anthracene	228	C18H12	000056-55-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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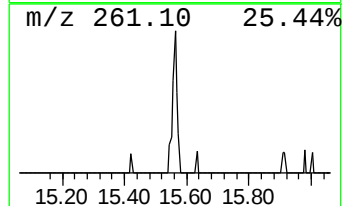
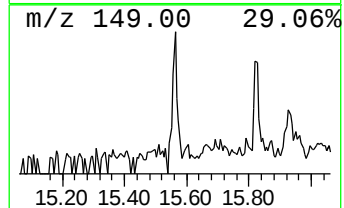
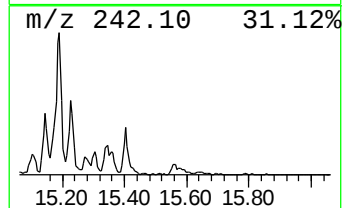
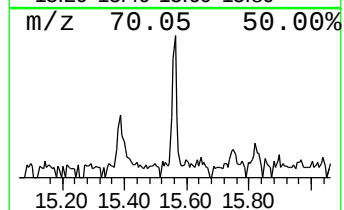
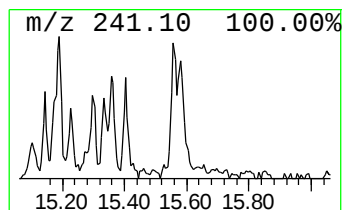
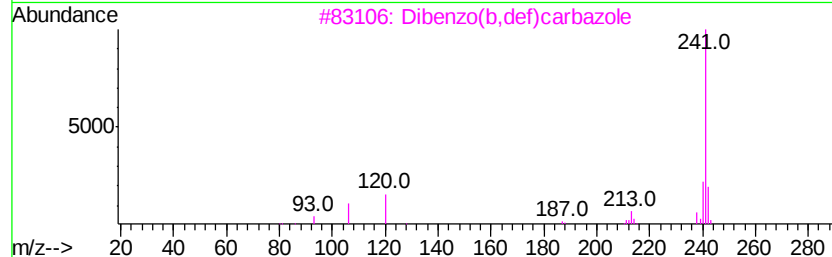
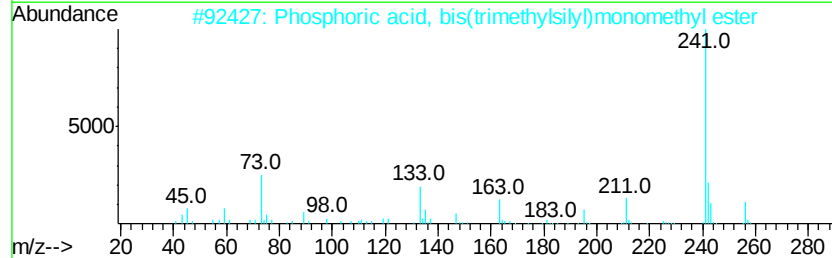
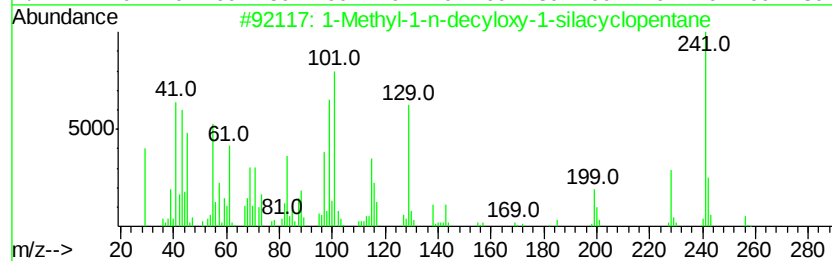
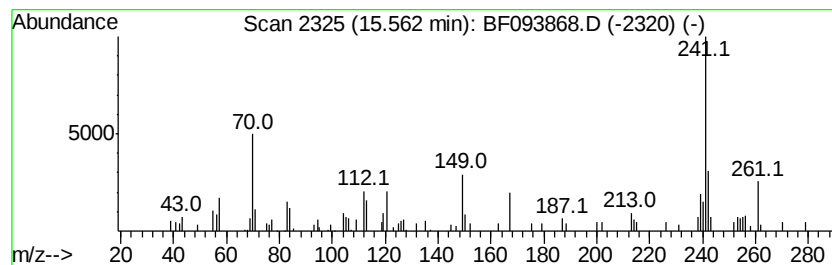
Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Methyl-1-n-decyloxy-1-sil... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.56	3.05 ng	137602	Perylene-d12	16.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	58
2		Phosphoric acid, bis(trimethylsi...	256	C7H21O4PSi2	018291-81-1	53
3		Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	53
4		2,6-Diethyl-4-(4-methoxyphenyl)p...	241	C16H19NO	073669-46-2	53
5		1,2,4-Oxadiazole, 3-chloromethyl...	256	C11H13ClN2OS	1000266-38-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

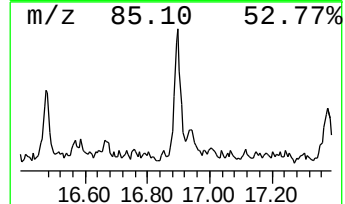
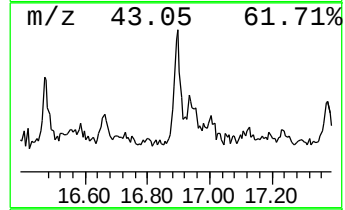
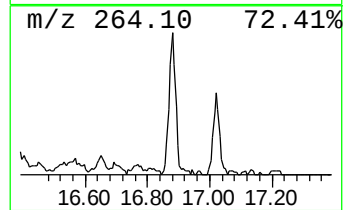
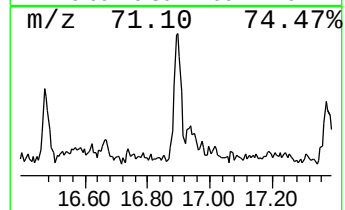
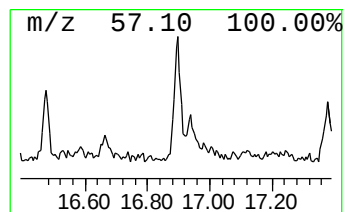
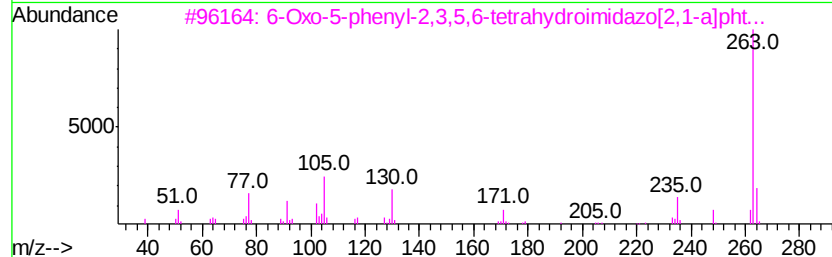
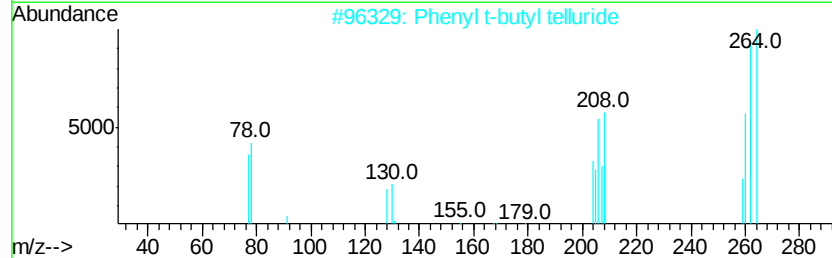
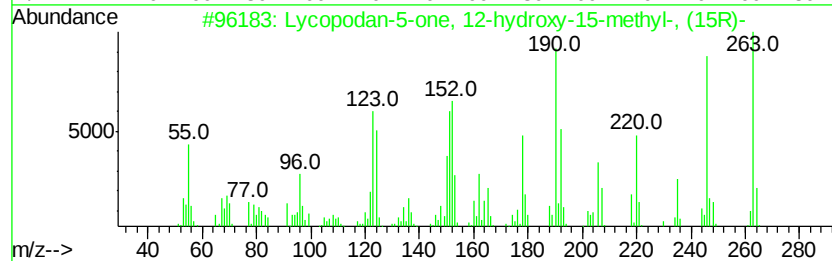
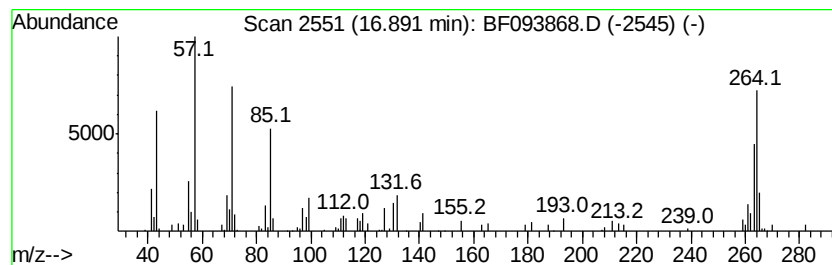
Instrument :
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ClientSampleId :
VNJ-202-217-227-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown16.89 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.89	2.83 ng	127871	Perylene-d12	16.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	38
2		Phenyl t-butyl telluride	264	C10H14Te	083817-38-3	27
3		6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	22
4		1,3-Butanedione, 1-phenyl-2-(ph...	265	C17H15NO2	101441-99-0	14
5		Isoquinoline, 5,6,7,8-tetrametho...	263	C14H17NO4	093474-27-2	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

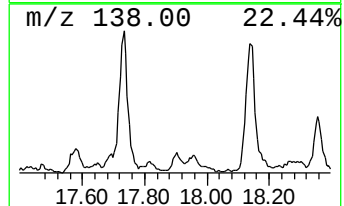
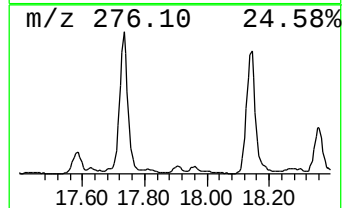
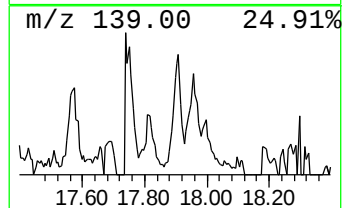
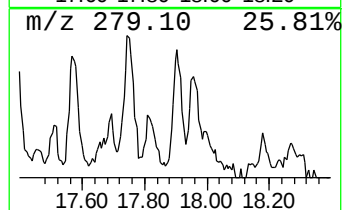
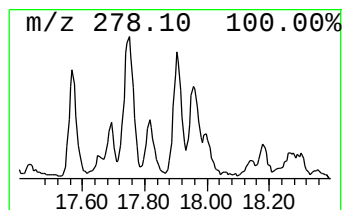
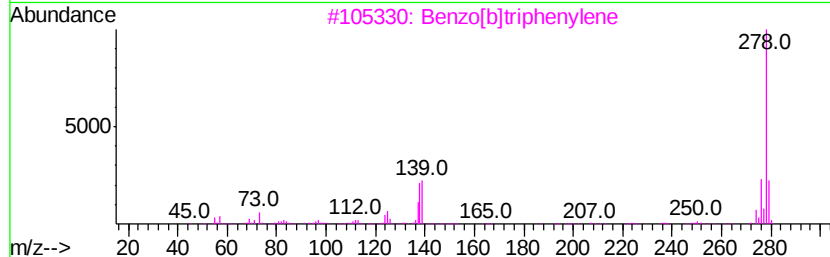
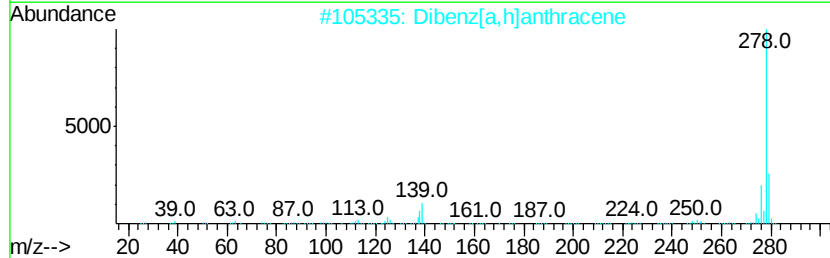
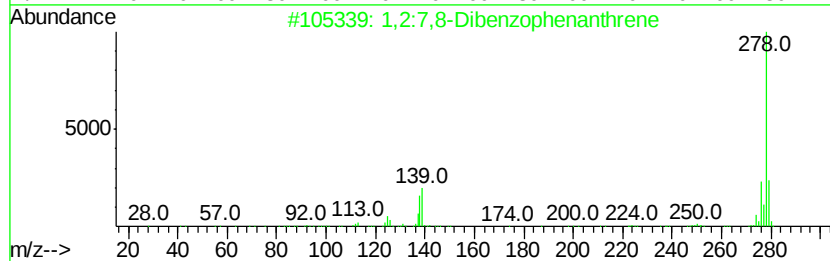
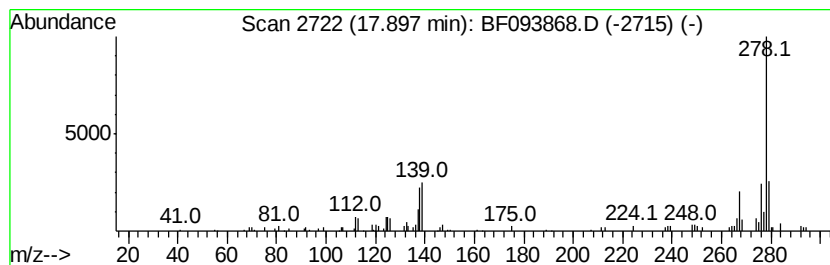
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	3.02 ng	136347	Perylene-d12	16.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	90
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4			Benzo[b]chrysene	278	C22H14	000214-17-5	89
5			Pentacene	278	C22H14	000135-48-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-202-217-227-COMP

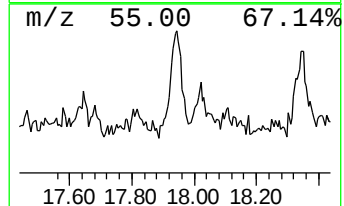
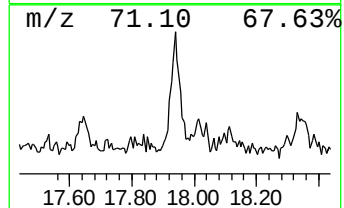
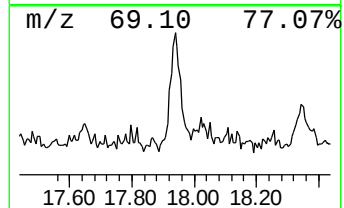
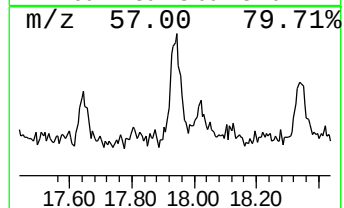
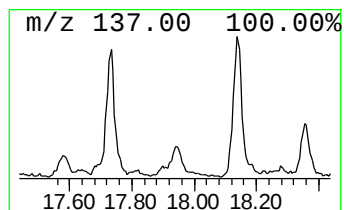
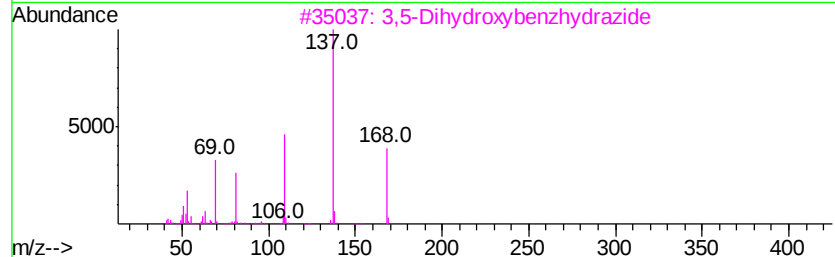
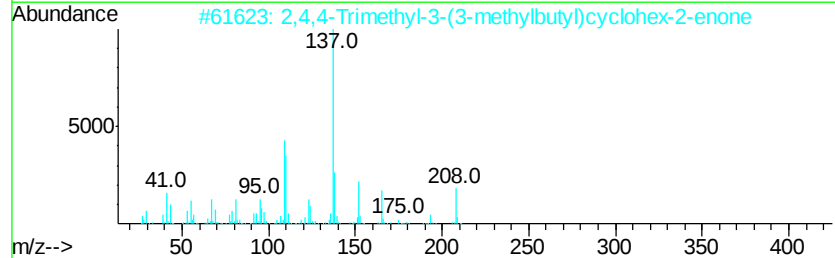
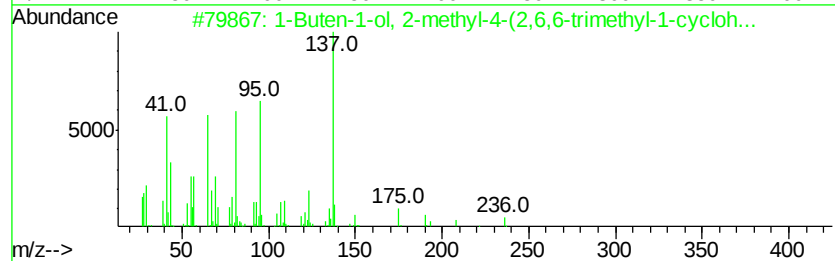
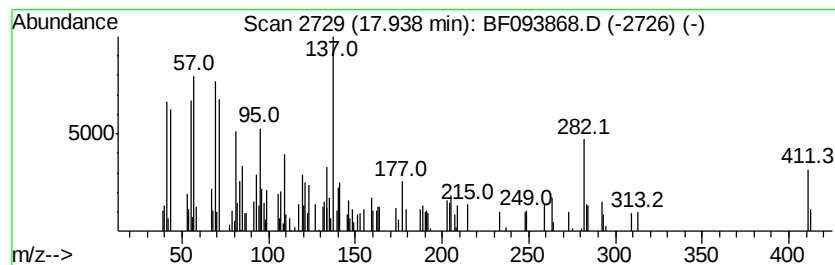
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown17.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.70 ng	212381	Perylene-d12	16.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Buten-1-ol, 2-methyl-4-(2,6,6-trimethyl-1-cyclohexyl)-	236	C15H24O2	021730-91-6	27
2		2,4,4-Trimethyl-3-(3-methylbutyl)cyclohex-2-en-1-one	208	C14H24O	088725-82-0	27
3		3,5-Dihydroxybenzhydrazide	168	C7H8N2O3	007732-32-3	22
4		Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
5		3,4-Dihydroxybenzhydrazide	168	C7H8N2O3	039635-11-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032217\
Data File : BF093868.D
Acq On : 23 Mar 2017 8:08
Operator : SJ/MA
Sample : I2350-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-202-217-227-COMP

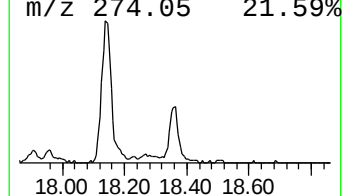
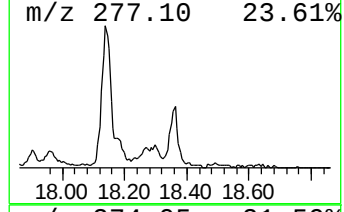
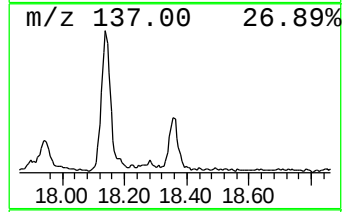
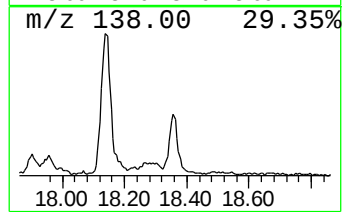
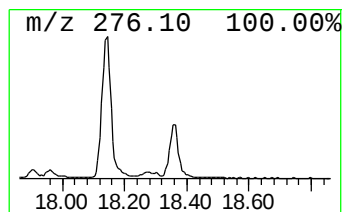
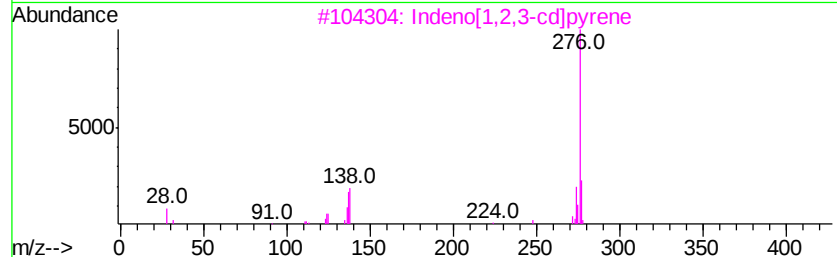
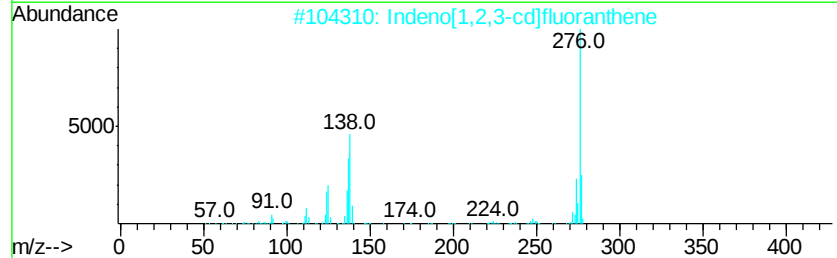
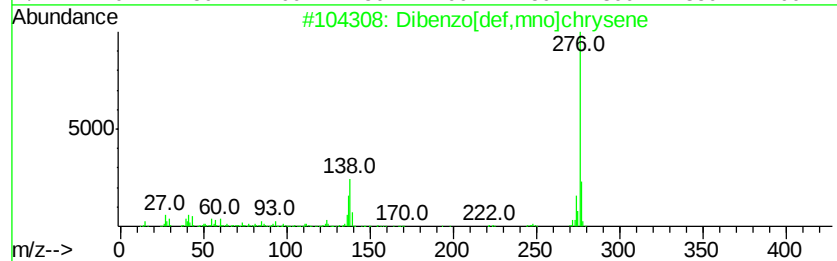
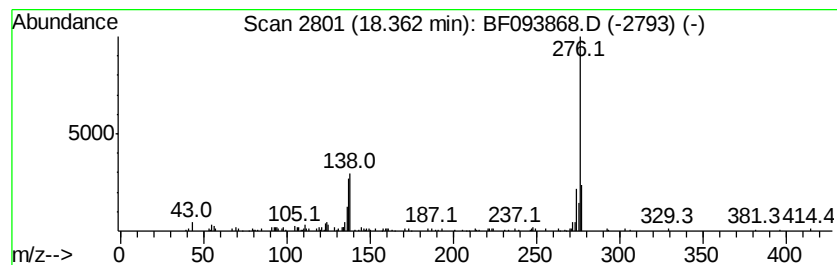
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	9.35 ng	422148	Perylene-d12	16.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032217\
 Data File : BF093868.D
 Acq On : 23 Mar 2017 8:08
 Operator : SJ/MA
 Sample : I2350-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-217-227-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.13	15.9	ng	929126	1	5.99	1168900	20.0
unknown5.73	5.73	77.1	ng	4508520	1	5.99	1168900	20.0
Dibenzothiophene	11.33	3.1	ng	254597	4	11.46	1617140	20.0
Phenanthrene, 2-m...	12.08	3.0	ng	245823	4	11.46	1617140	20.0
4H-Cyclopenta[def...	12.21	8.1	ng	652168	4	11.46	1617140	20.0
11H-Benzo[b]fluorene	13.64	3.3	ng	438927	5	14.71	2629460	20.0
Fluoranthene, 2-m...	13.72	3.7	ng	482322	5	14.71	2629460	20.0
Dichloroacetic ac...	14.59	3.4	ng	444842	5	14.71	2629460	20.0
Cyclopenta(cd)pyr...	14.83	3.0	ng	388010	5	14.71	2629460	20.0
1-Methyl-1-n-decy...	15.56	3.0	ng	137602	6	16.35	902952	20.0
13H-Dibenzo[a,h]f...	16.54	2.9	ng	130120	6	16.35	902952	20.0
unknown16.89	16.89	2.8	ng	127871	6	16.35	902952	20.0
1,2:7,8-Dibenzoph...	17.90	3.0	ng	136347	6	16.35	902952	20.0
unknown17.94	17.94	4.7	ng	212381	6	16.35	902952	20.0
Dibenzo[def,mno]c...	18.36	9.3	ng	422148	6	16.35	902952	20.0