

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
 Data File : BF097445.D
 Acq On : 7 Aug 2017 22:45
 Operator : SJ/JU
 Sample : I4636-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	546	550	562	rBV	65881	136409	12.48%	1.175%
2	6.098	730	733	746	rBV	103156	200290	18.32%	1.725%
3	6.192	746	749	758	rVV	164150	224821	20.57%	1.936%
4	6.263	758	761	766	rVB2	14631	14812	1.36%	0.128%
5	6.410	783	786	795	rBV	628834	588916	53.88%	5.071%
6	6.569	810	813	822	rVB	128264	136952	12.53%	1.179%
7	6.987	882	884	890	rBV	63772	86927	7.95%	0.749%
8	7.034	890	892	903	rVB2	19614	30806	2.82%	0.265%
9	7.692	1001	1004	1015	rBV	832638	729630	66.75%	6.283%
10	8.769	1184	1187	1193	rVB	232716	189813	17.37%	1.634%
11	9.175	1253	1256	1261	rBV2	30171	31565	2.89%	0.272%
12	9.298	1274	1277	1283	rBV	104678	95541	8.74%	0.823%
13	9.398	1289	1294	1297	rBV2	9085	11595	1.06%	0.100%
14	9.433	1297	1300	1304	rVV	784656	716712	65.57%	6.172%
15	9.469	1304	1306	1312	rVB	31063	30894	2.83%	0.266%
16	9.645	1333	1336	1341	rBV	22845	23258	2.13%	0.200%
17	9.757	1352	1355	1357	rBV3	14017	14506	1.33%	0.125%
18	9.892	1375	1378	1382	rBV	21882	19088	1.75%	0.164%
19	9.980	1391	1393	1400	rVB	32291	39918	3.65%	0.344%
20	10.227	1428	1435	1440	rBV2	84725	86848	7.95%	0.748%
21	10.363	1454	1458	1464	rVB5	18869	28016	2.56%	0.241%
22	10.533	1482	1487	1489	rBV3	9035	11661	1.07%	0.100%
23	10.680	1510	1512	1517	rVB4	14124	14301	1.31%	0.123%
24	10.804	1531	1533	1536	rVV	21612	21191	1.94%	0.182%
25	10.910	1547	1551	1553	rBV	601743	563801	51.58%	4.855%
26	10.933	1553	1555	1559	rVB	228984	197090	18.03%	1.697%
27	10.986	1559	1564	1568	rBV	103501	100563	9.20%	0.866%
28	11.157	1588	1593	1597	rBV3	13780	24366	2.23%	0.210%
29	11.204	1599	1601	1604	rVB	14211	12441	1.14%	0.107%
30	11.233	1604	1606	1609	rBV2	10682	12791	1.17%	0.110%
31	11.327	1618	1622	1625	rVB4	8954	11596	1.06%	0.100%
32	11.410	1633	1636	1639	rVV	67350	59914	5.48%	0.516%
33	11.439	1639	1641	1645	rVV	65545	54863	5.02%	0.472%
34	11.486	1645	1649	1651	rVV	38020	34878	3.19%	0.300%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
 Data File : BF097445.D
 Acq On : 7 Aug 2017 22:45
 Operator : SJ/JU
 Sample : I4636-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.516	1651	1654	1657	rVV	126386	129042	11.81%	1.111%
36	11.539	1657	1658	1664	rVB	44854	39761	3.64%	0.342%
37	11.633	1671	1674	1680	rBV5	8773	13370	1.22%	0.115%
38	11.704	1680	1686	1690	rVV	41201	45325	4.15%	0.390%
39	11.751	1690	1694	1697	rVB5	14010	16614	1.52%	0.143%
40	11.886	1714	1717	1719	rVB	20045	15435	1.41%	0.133%
41	11.910	1719	1721	1725	rVB2	13655	11962	1.09%	0.103%
42	11.957	1725	1729	1732	rBV	63425	65375	5.98%	0.563%
43	11.992	1732	1735	1737	rVV2	36950	41685	3.81%	0.359%
44	12.016	1737	1739	1741	rVV2	25104	23610	2.16%	0.203%
45	12.051	1741	1745	1748	rVB2	49785	51540	4.72%	0.444%
46	12.116	1752	1756	1760	rBV	701757	671891	61.47%	5.786%
47	12.169	1762	1765	1766	rBV	13047	15001	1.37%	0.129%
48	12.210	1770	1772	1775	rVB	40049	32530	2.98%	0.280%
49	12.263	1777	1781	1783	rBV2	30238	34037	3.11%	0.293%
50	12.280	1783	1784	1789	rVB2	13872	15750	1.44%	0.136%
51	12.339	1789	1794	1797	rBV	714462	736274	67.36%	6.340%
52	12.363	1797	1798	1801	rVB3	21720	15180	1.39%	0.131%
53	12.392	1801	1803	1808	rVB3	28269	37379	3.42%	0.322%
54	12.463	1812	1815	1817	rBV2	34431	37198	3.40%	0.320%
55	12.486	1817	1819	1827	rVB	174465	192721	17.63%	1.660%
56	12.563	1827	1832	1840	rBV3	65200	103256	9.45%	0.889%
57	12.651	1843	1847	1848	rBV2	51508	64322	5.88%	0.554%
58	12.669	1848	1850	1854	rVB	119492	109177	9.99%	0.940%
59	12.733	1858	1861	1864	rVB	79206	68792	6.29%	0.592%
60	12.774	1864	1868	1872	rBV	87114	101655	9.30%	0.875%
61	12.833	1875	1878	1879	rBV2	14313	15093	1.38%	0.130%
62	12.863	1880	1883	1886	rVB	60763	53902	4.93%	0.464%
63	12.892	1886	1888	1893	rBV2	50067	59263	5.42%	0.510%
64	12.986	1898	1904	1908	rBV8	21265	41855	3.83%	0.360%
65	13.051	1911	1915	1917	rBV5	26860	32879	3.01%	0.283%
66	13.092	1917	1922	1927	rBV7	23872	49004	4.48%	0.422%
67	13.157	1930	1933	1935	rBV4	15819	18584	1.70%	0.160%
68	13.186	1935	1938	1941	rVB	49466	42029	3.85%	0.362%
69	13.239	1944	1947	1950	rBV4	13707	14961	1.37%	0.129%
70	13.286	1950	1955	1956	rBV	63141	66527	6.09%	0.573%
71	13.304	1956	1958	1960	rVB	45291	38401	3.51%	0.331%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
 Data File : BF097445.D
 Acq On : 7 Aug 2017 22:45
 Operator : SJ/JU
 Sample : I4636-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.333	1960	1963	1965	rBV	42622	35587	3.26%	0.306%
73	13.398	1970	1974	1976	rBV	53896	69617	6.37%	0.599%
74	13.480	1985	1988	1990	rVB4	19363	17739	1.62%	0.153%
75	13.527	1990	1996	2000	rBV2	744495	1093060	100.00%	9.412%
76	13.557	2000	2001	2008	rVV	385193	323464	29.59%	2.785%
77	13.639	2012	2015	2018	rVB	61088	57566	5.27%	0.496%
78	13.692	2021	2024	2026	rBV2	38321	43699	4.00%	0.376%
79	13.886	2054	2057	2059	rBV3	44567	53392	4.88%	0.460%
80	13.921	2061	2063	2066	rVB2	83333	71949	6.58%	0.620%
81	13.957	2066	2069	2071	rBV2	55373	54954	5.03%	0.473%
82	14.045	2081	2084	2086	rBV3	53565	52703	4.82%	0.454%
83	14.321	2129	2131	2133	rBV2	40678	41896	3.83%	0.361%
84	14.398	2142	2144	2146	rBV2	34641	31058	2.84%	0.267%
85	14.527	2162	2166	2168	rBV	360631	407089	37.24%	3.505%
86	14.733	2199	2201	2204	rBV4	37645	52290	4.78%	0.450%
87	14.774	2205	2208	2212	rVB	186696	187279	17.13%	1.613%
88	14.827	2213	2217	2221	rBV	267453	304288	27.84%	2.620%
89	14.874	2221	2225	2228	rBV	335515	341235	31.22%	2.938%
90	15.409	2314	2316	2320	rVB5	55995	73861	6.76%	0.636%
91	16.068	2423	2428	2433	rBV	88159	143797	13.16%	1.238%
92	16.380	2478	2481	2482	rBV2	25292	30131	2.76%	0.259%
93	16.415	2484	2487	2494	rVB	84394	153355	14.03%	1.321%
94	16.515	2502	2504	2506	rBV3	20079	20520	1.88%	0.177%
95	16.621	2517	2522	2527	rBV5	38513	91465	8.37%	0.788%
96	17.380	2647	2651	2654	rBV5	20064	44152	4.04%	0.380%
97	17.851	2728	2731	2736	rVB7	20771	33254	3.04%	0.286%
98	18.215	2788	2793	2795	rBV6	29752	43904	4.02%	0.378%
99	18.286	2803	2805	2808	rBV4	11921	13144	1.20%	0.113%
100	18.380	2816	2821	2823	rBV5	25748	48437	4.43%	0.417%

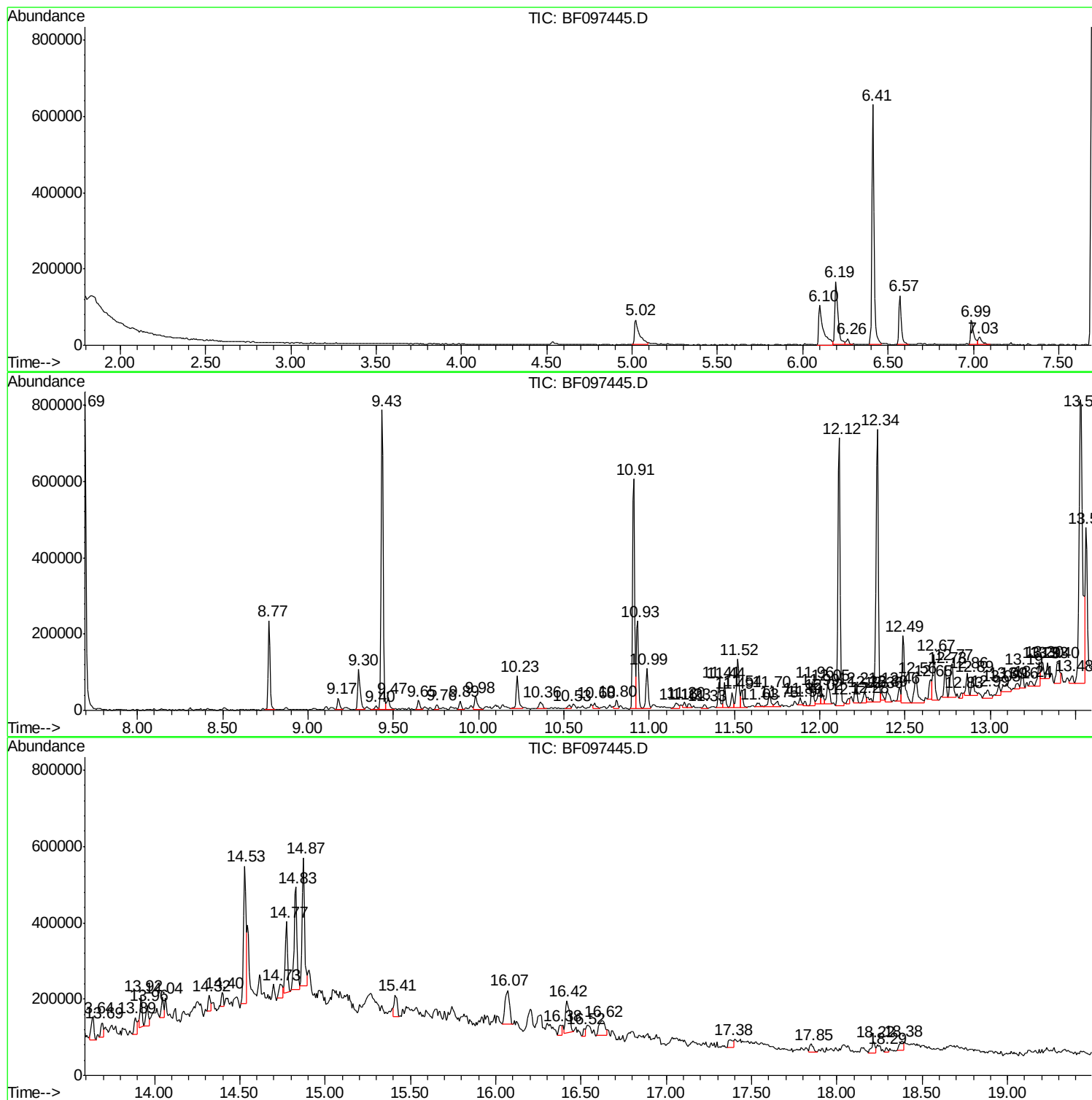
Sum of corrected areas: 11613038

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

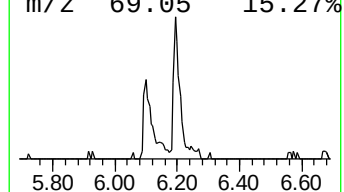
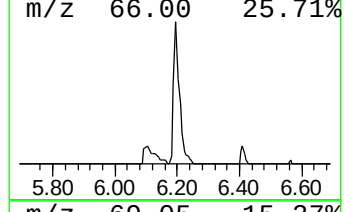
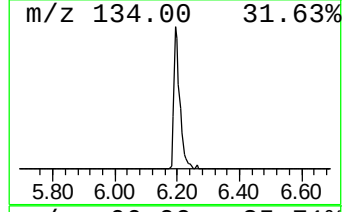
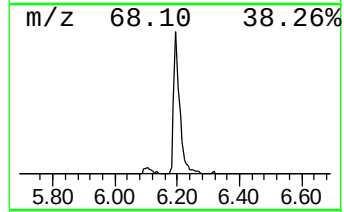
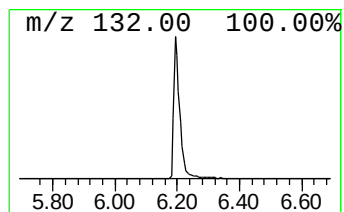
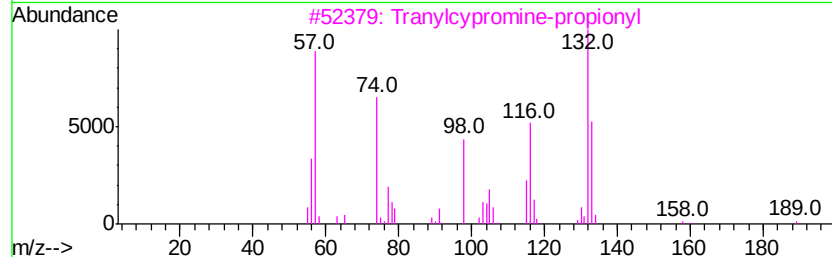
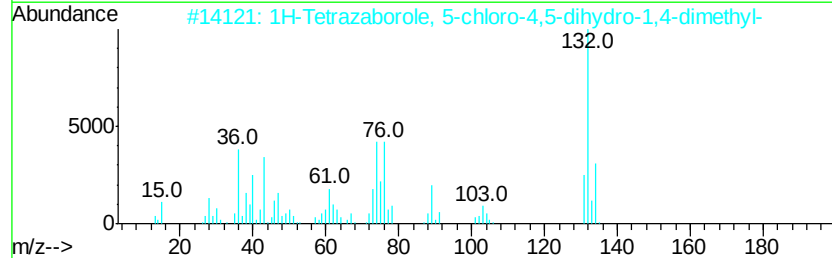
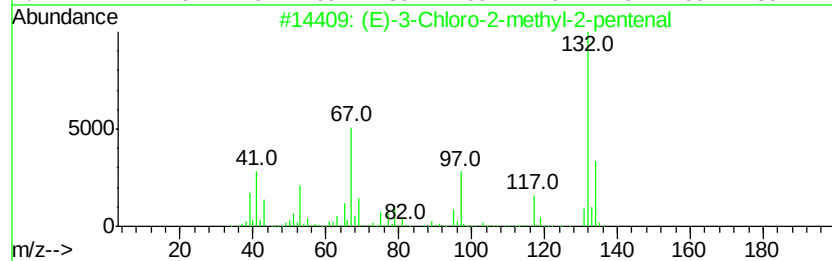
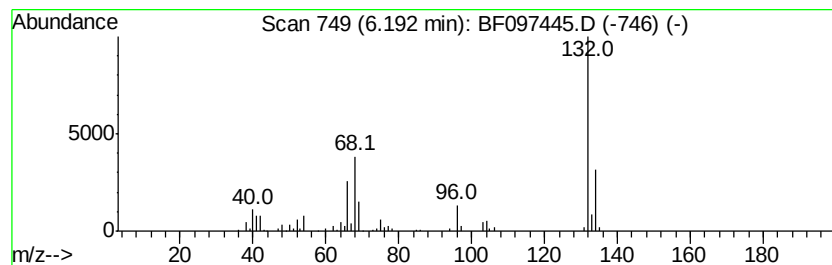
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	7.64 ng	224821	1,4-Dichlorobenzene-d4	6.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

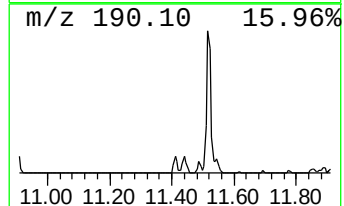
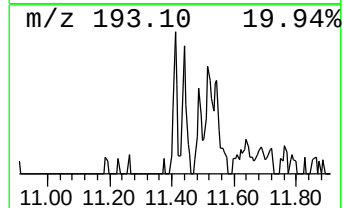
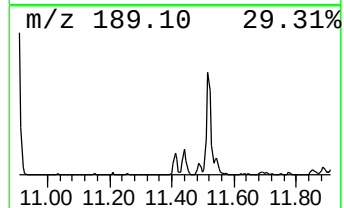
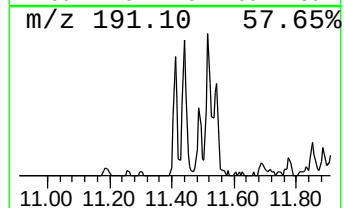
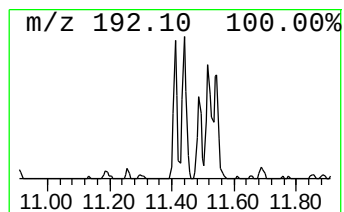
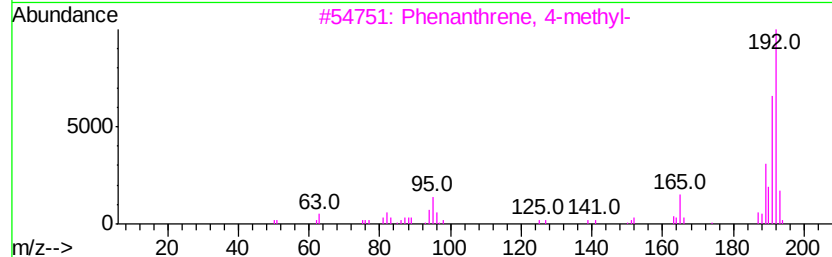
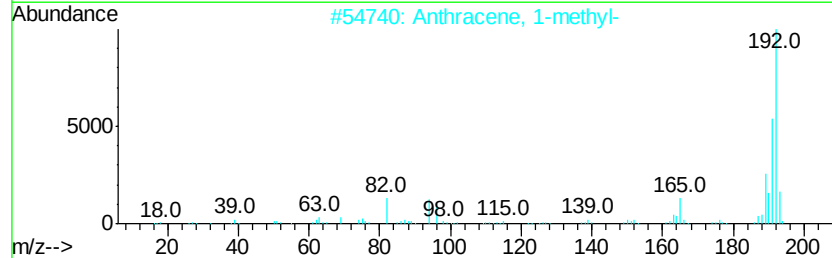
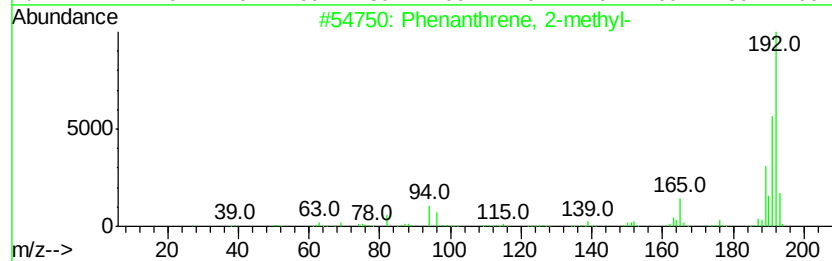
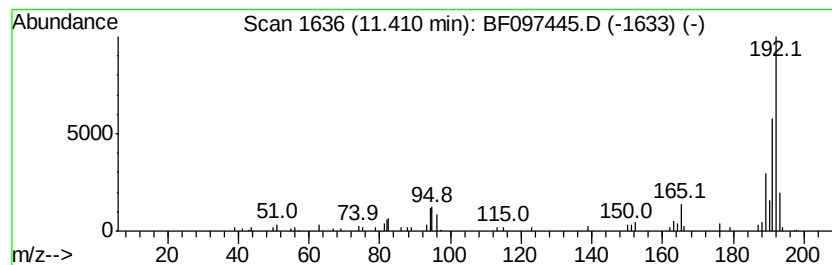
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.13 ng	59914	Phenanthrene-d10	10.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

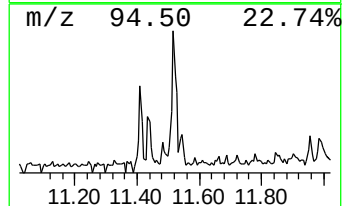
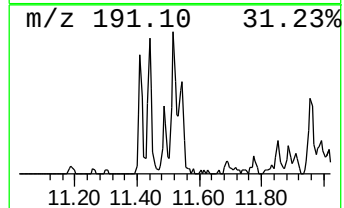
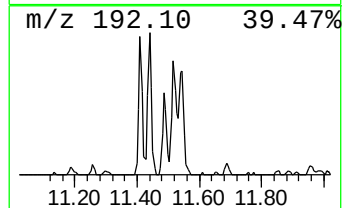
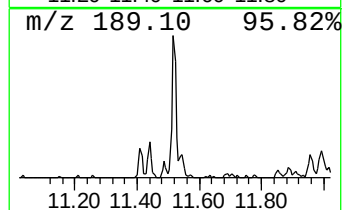
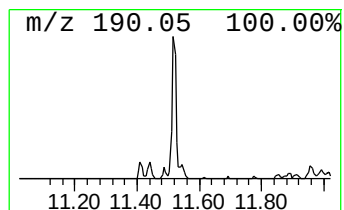
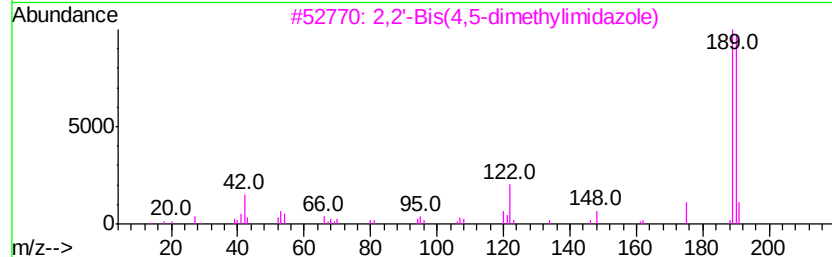
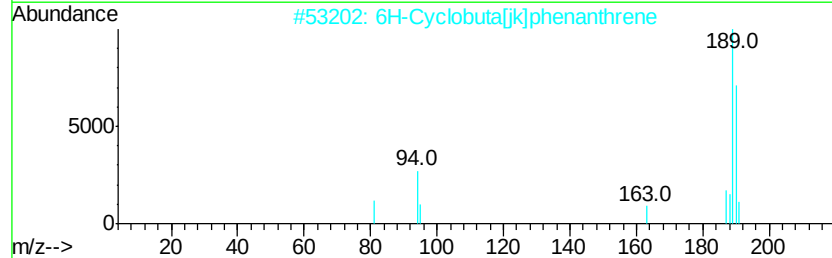
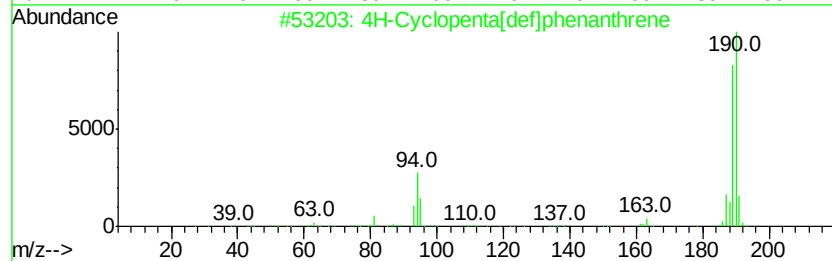
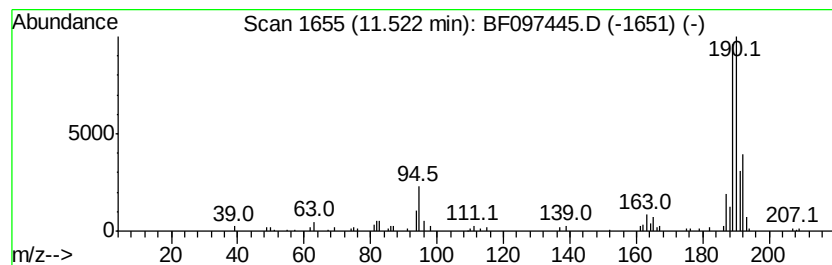
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	4.58 ng	129042	Phenanthrene-d10	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4		Methyl diselenide	190	C2H6Se2	007101-31-7	41
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

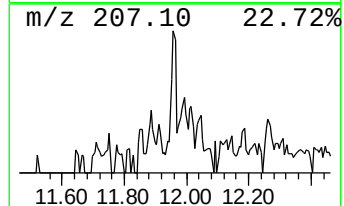
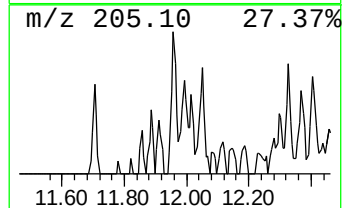
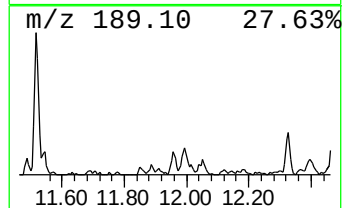
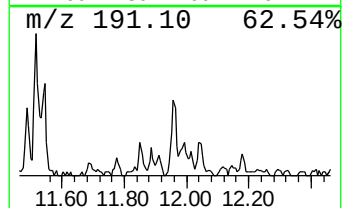
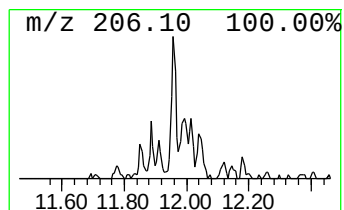
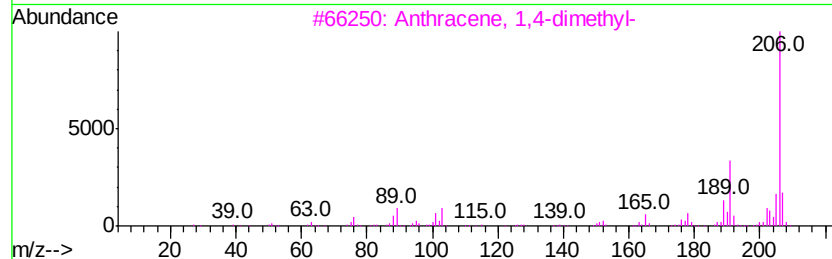
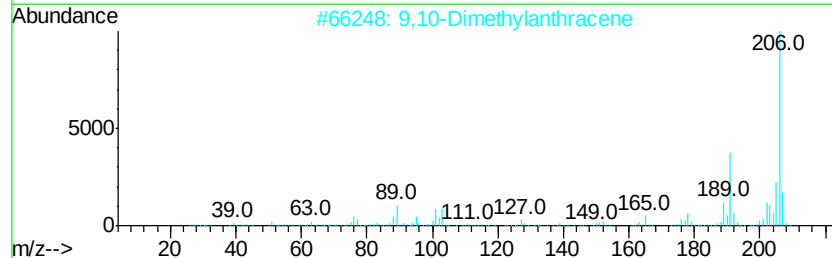
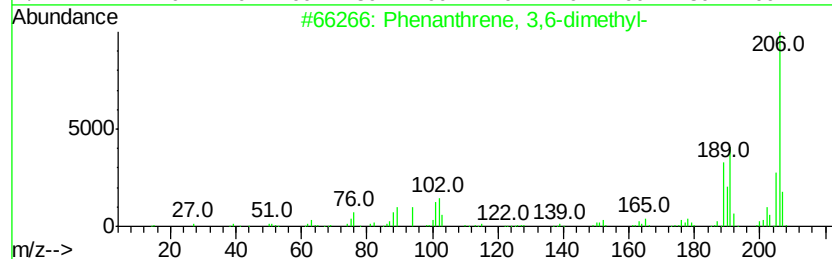
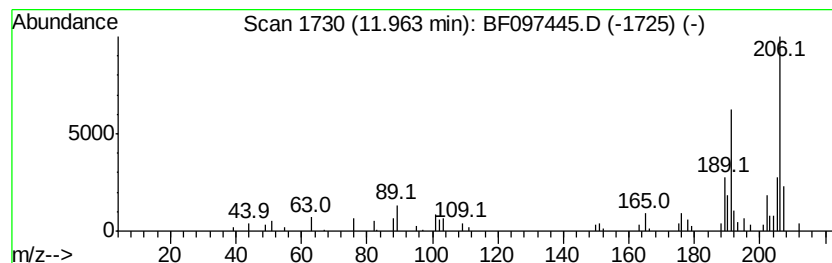
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.32 ng	65375	Phenanthrene-d10	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

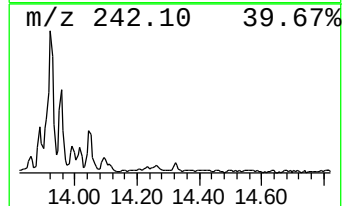
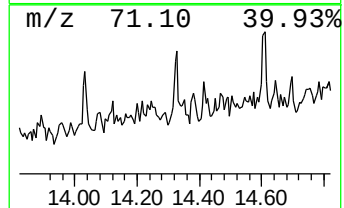
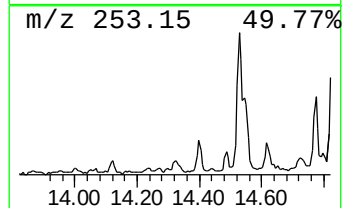
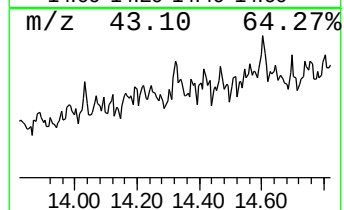
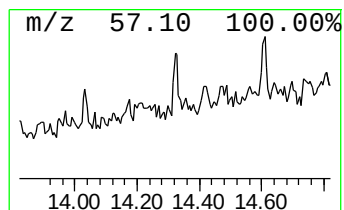
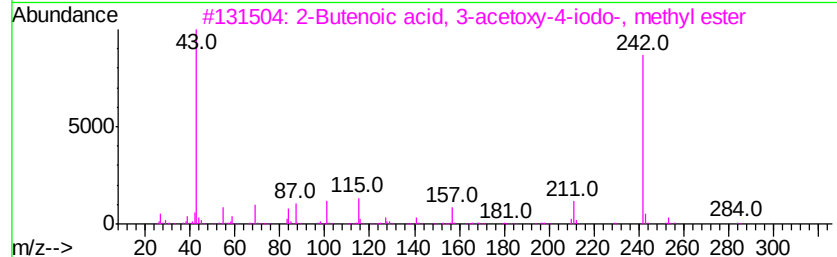
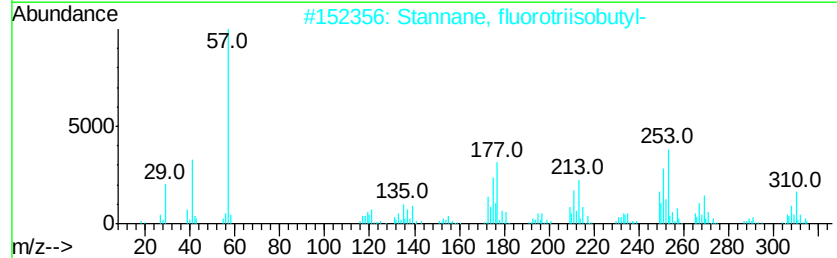
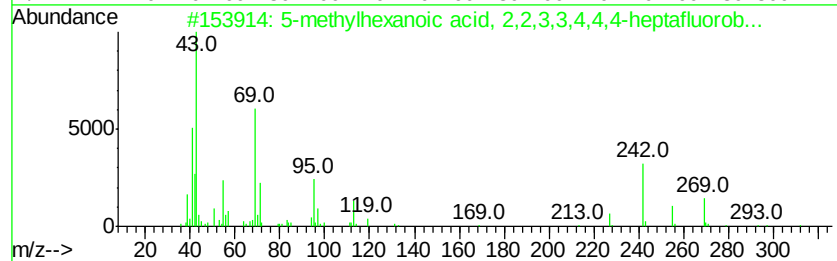
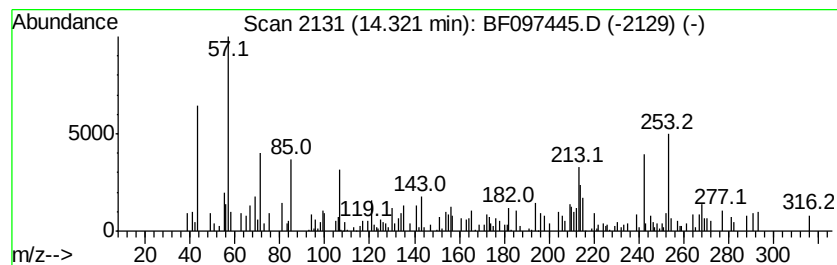
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.46 ng	41896	Perylene-d12	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-methylhexanoic acid, 2,2,3,3,4...	312	C11H15F7O2	1000376-65-5	9
2		Stannane, fluorotriisobutyl-	310	C12H27FSn	007304-48-5	9
3		2-Butenoic acid, 3-acetoxv-4-iod...	284	C7H9IO4	087730-94-7	9
4		1-Azido-1-deoxy-2,3:4,5-di-O-iso...	257	C11H19N3O4	1000312-02-7	9
5		2-Thiopheneacetamide, N,N-dibutyl-	253	C14H23NOS	1000308-13-5	7



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

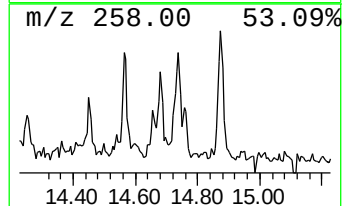
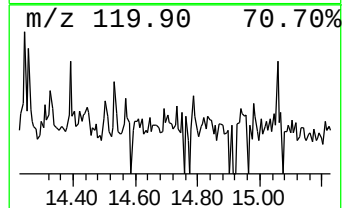
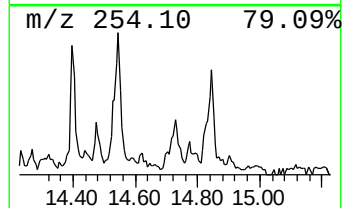
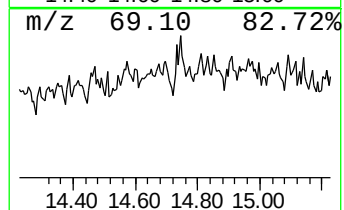
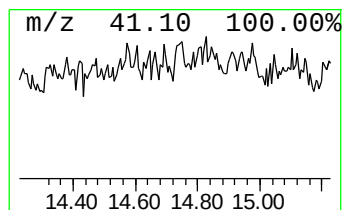
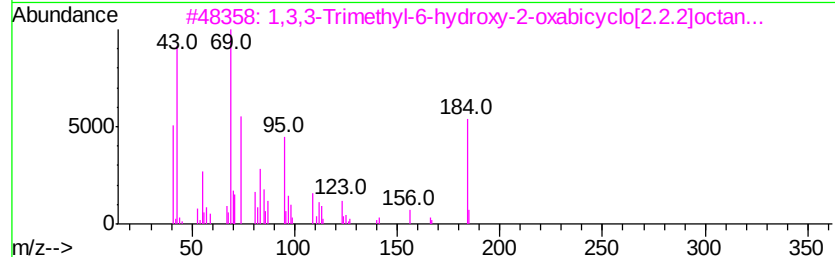
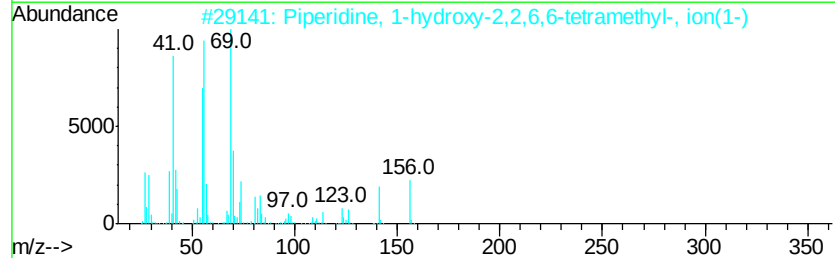
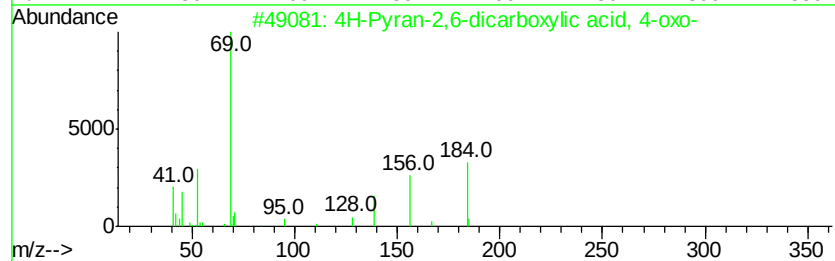
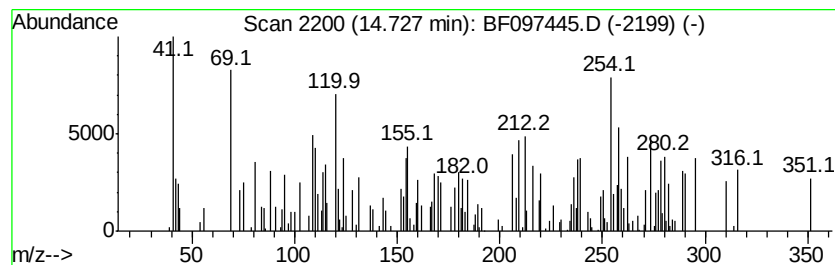
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.06 ng	52290	Perylene-d12	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Pyran-2,6-dicarboxylic acid, ...	184	C7H4O6	000099-32-1	30
2		Piperidine, 1-hydroxy-2,2,6,6-tetra...	156	C9H18NO	069508-02-7	14
3		1,3,3-Trimethyl-6-hydroxy-2-oxabicyclo[2.2.2]octan...	184	C10H16O3	081968-80-1	12
4		Octanal, (2,4-dinitrophenyl)hydra...	308	C14H20N4O4	001726-77-8	12
5		Imidazo[1,2-b]1,2,4-triazine, 6-methyl...	258	C13H11ClN4	053454-45-8	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

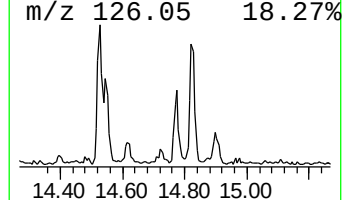
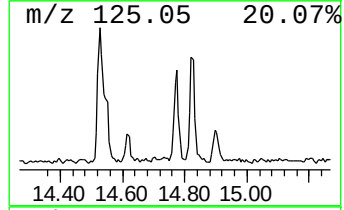
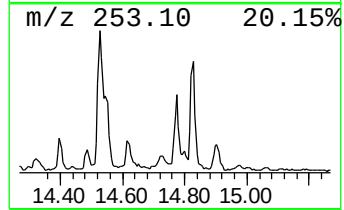
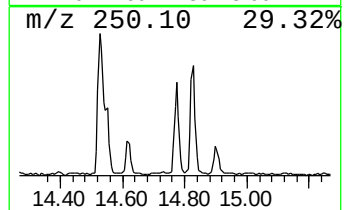
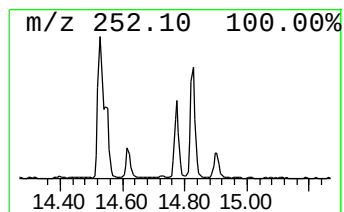
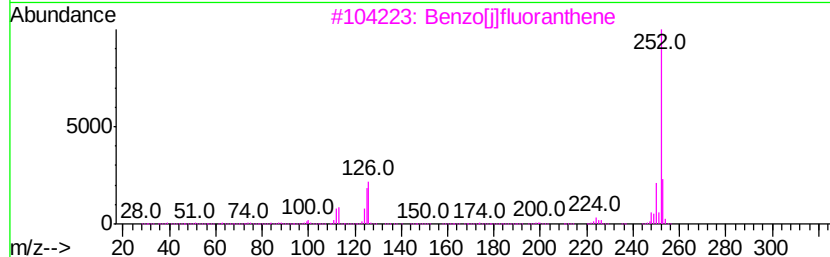
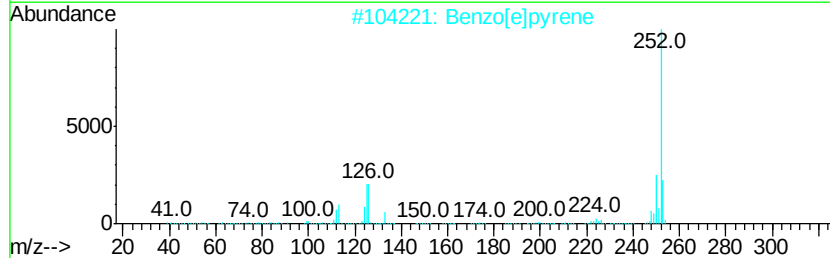
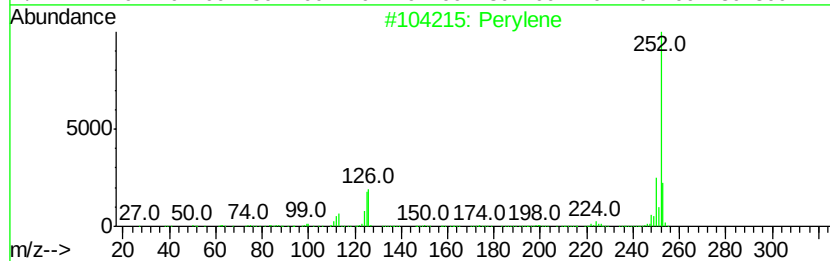
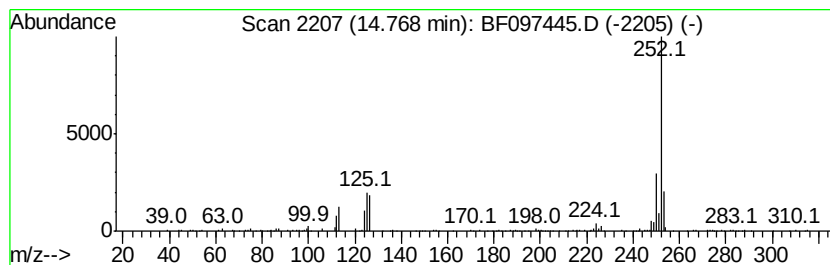
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	10.98 ng	187279	Perylene-d12	14.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	99
2	Benzo[e]pyrene		252	C20H12	000192-97-2	98
3	Benzo[i]fluoranthene		252	C20H12	000205-82-3	98
4	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	98
5	Benzo[a]pyrene		252	C20H12	000050-32-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

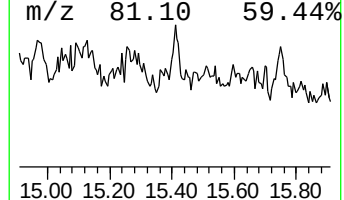
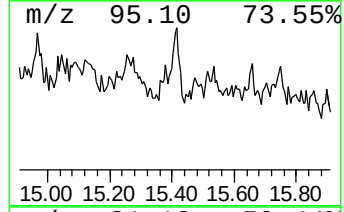
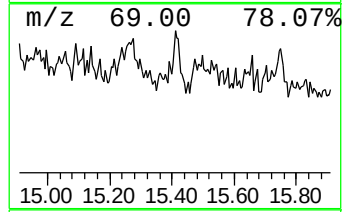
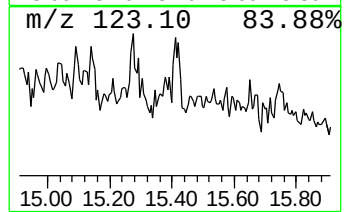
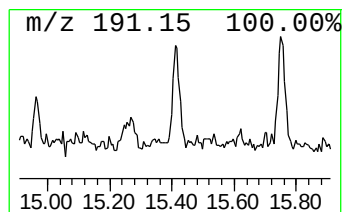
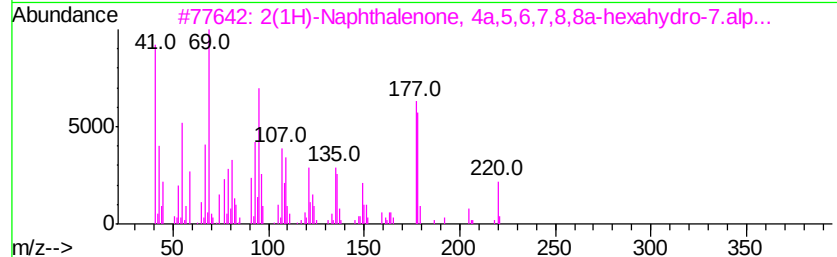
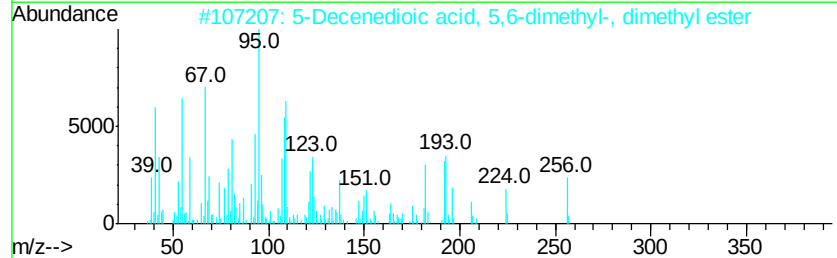
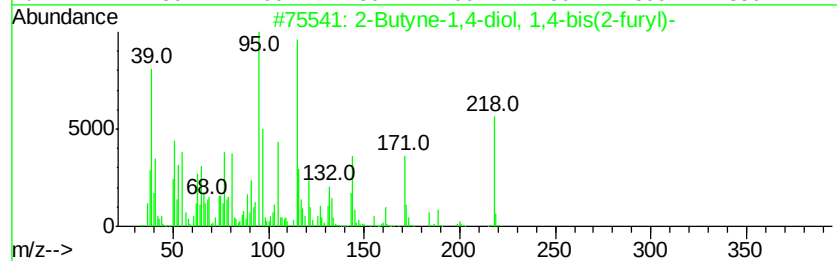
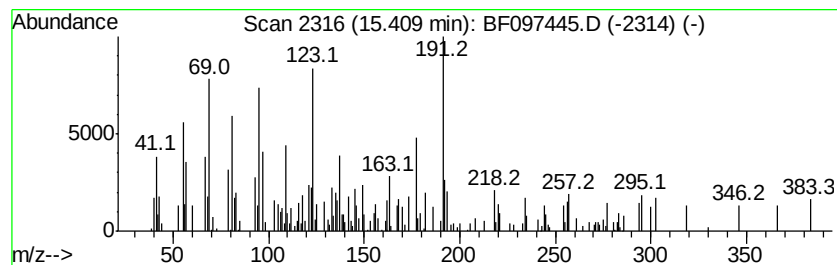
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Butyne-1,4-diol, 1,4-bis(...) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.33 ng	73861	Perylene-d12	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyne-1,4-diol, 1,4-bis(2-fur...	218	C12H10O4	151232-03-0	53
2		5-Decenedioic acid, 5,6-dimethyl...	256	C14H24O4	1000141-72-5	35
3		2(1H)-Naphthalenone, 4a,5,6,7,8,...	220	C15H24O	017408-66-1	30
4		Sesquirosefuran	218	C15H22O	039007-93-7	30
5		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

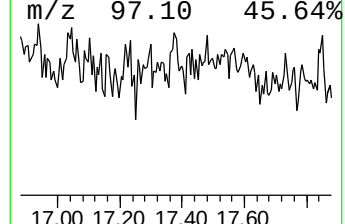
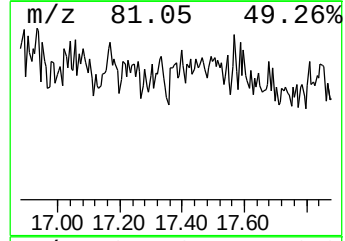
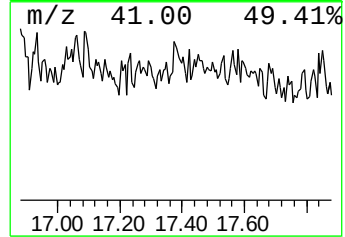
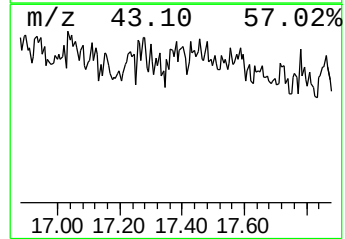
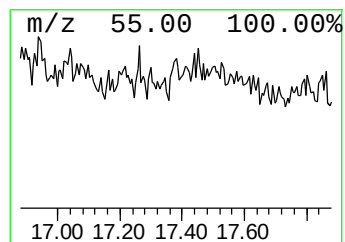
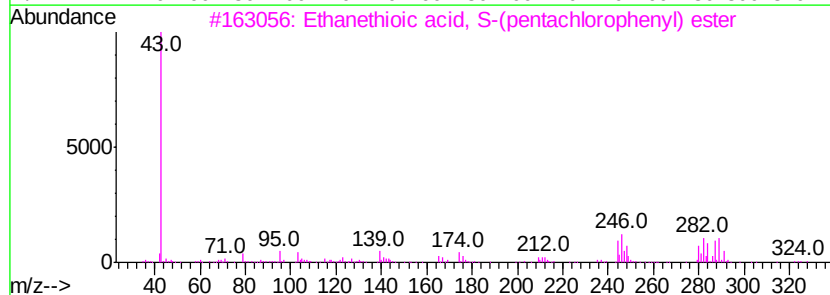
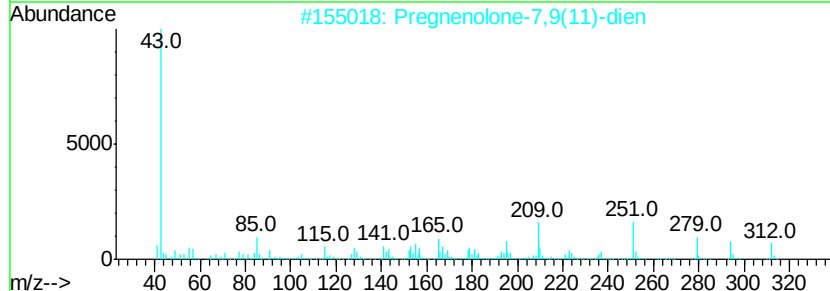
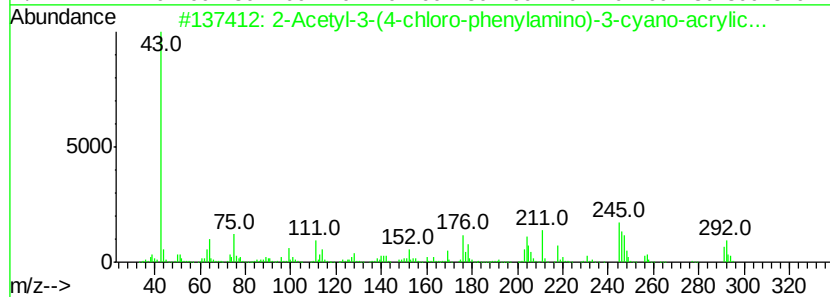
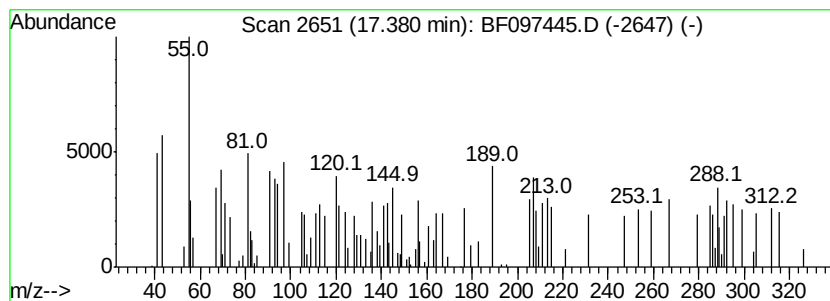
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.38 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.59 ng	44152	Perylene-d12	14.87

Hit#	of	3	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-3-(4-chloro-phenylamino...	292	C14H13ClN2O3	1000295-99-1	7		
2	Pregnenolone-7,9(11)-dien	312	C21H28O2	1000214-18-4	4		
3	Ethanethioic acid, S-(pentachlor...	322	C8H3Cl5OS	080304-12-7	2		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

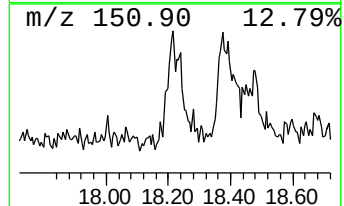
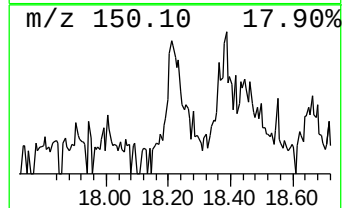
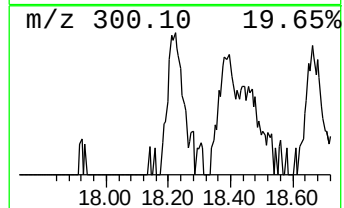
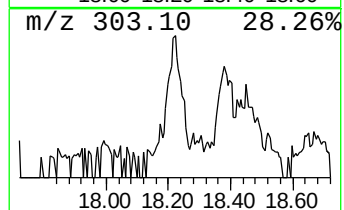
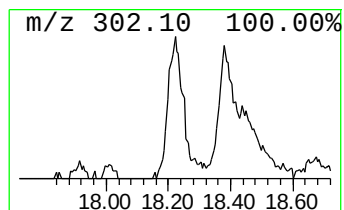
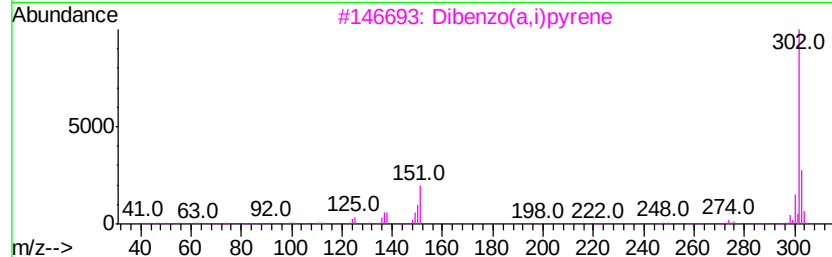
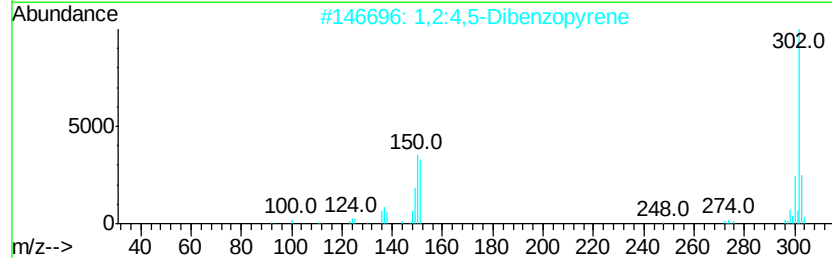
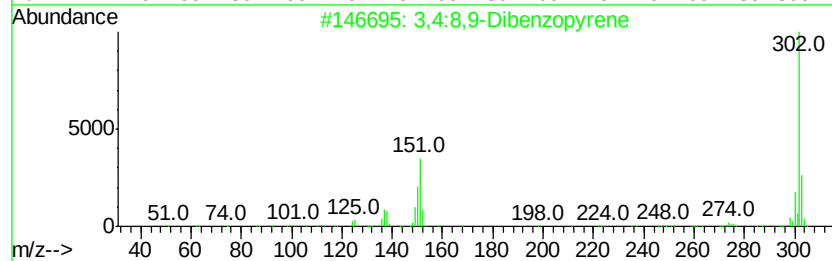
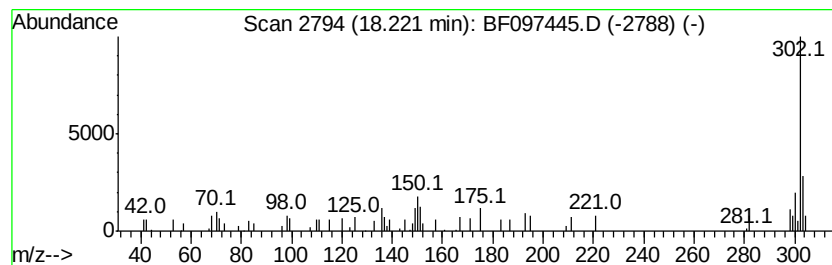
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,4:8,9-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.57 ng	43904	Perylene-d12	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	62
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	58
4		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	50
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097445.D
Acq On : 7 Aug 2017 22:45
Operator : SJ/JU
Sample : I4636-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

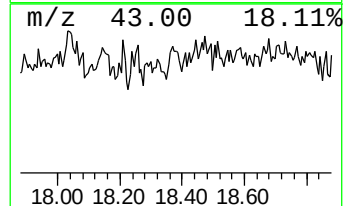
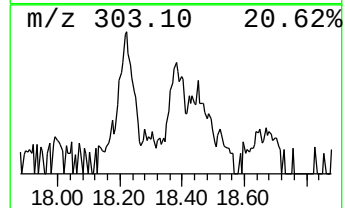
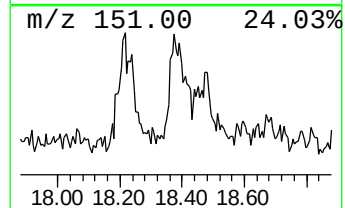
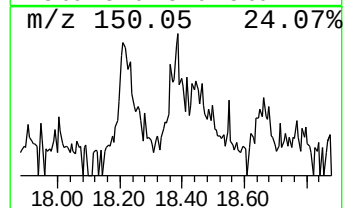
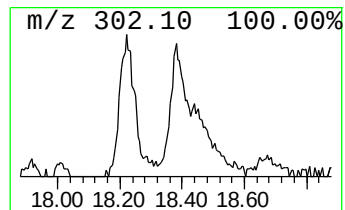
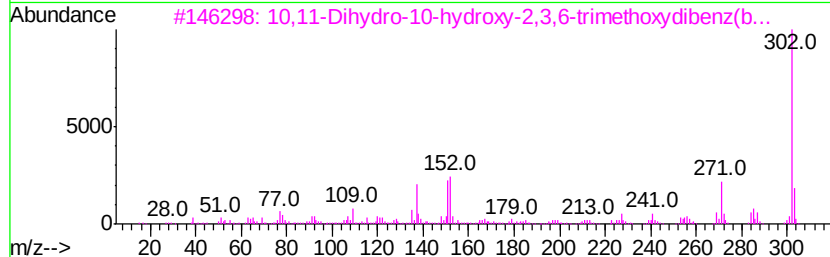
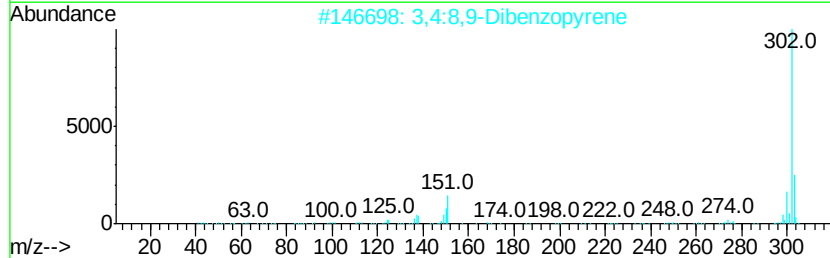
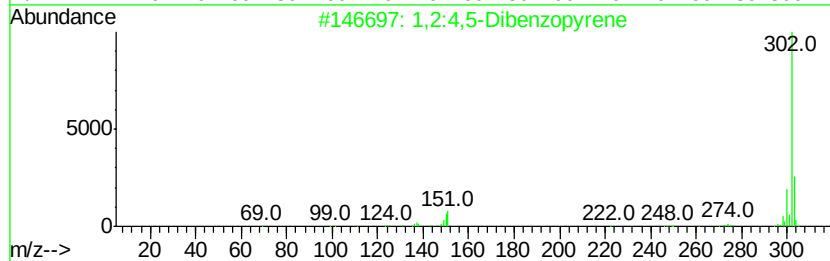
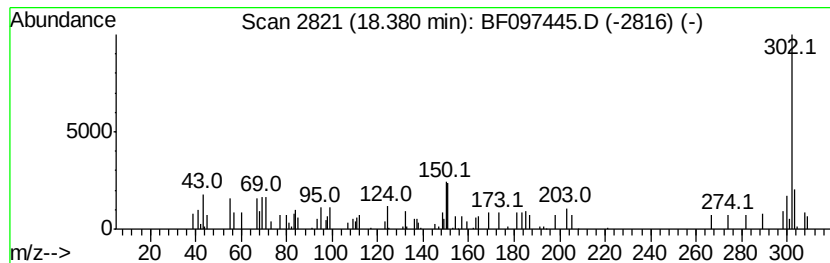
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.84 ng	48437	Perylene-d12	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	72
2			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53
3			10,11-Dihydro-10-hydroxy-2,3,6-t...	302	C17H18O5	019172-35-1	53
4			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	47
5			7-Phenyl-2-p-tolyl-2,5-dihydro-p...	302	C18H14N4O	1000318-49-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
 Data File : BF097445.D
 Acq On : 7 Aug 2017 22:45
 Operator : SJ/JU
 Sample : I4636-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.19	6.19	7.6 ng		224821	1	6.41	588916	20.0
Phenanthrene, 2-m...	11.41	2.1 ng		59914	4	10.91	563801	20.0
4H-Cyclopenta[def...	11.52	4.6 ng		129042	4	10.91	563801	20.0
Phenanthrene, 3,6...	11.96	2.3 ng		65375	4	10.91	563801	20.0
unknown14.32	14.32	2.5 ng		41896	6	14.87	341235	20.0
unknown14.73	14.73	3.1 ng		52290	6	14.87	341235	20.0
Perylene	14.77	11.0 ng		187279	6	14.87	341235	20.0
2-Butyne-1,4-diol...	15.41	4.3 ng		73861	6	14.87	341235	20.0
unknown17.38	17.38	2.6 ng		44152	6	14.87	341235	20.0
3,4:8,9-Dibenzopy...	18.22	2.6 ng		43904	6	14.87	341235	20.0
1,2:4,5-Dibenzopy...	18.38	2.8 ng		48437	6	14.87	341235	20.0