

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107428.D
 Acq On : 17 Jul 2018 2:59
 Operator : JU/SJ
 Sample : J3975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-8

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	4.125	300	304	309	rVB3	55962	72172	2.42%	0.192%
2	5.219	486	490	495	rVB	314480	347959	11.69%	0.923%
3	5.478	531	534	538	rVB2	87423	89182	3.00%	0.237%
4	5.607	547	556	559	rBV	3103660	2976777	100.00%	7.899%
5	5.842	592	596	600	rBV	78861	79039	2.66%	0.210%
6	6.507	705	709	712	rBV	116849	107230	3.60%	0.285%
7	6.537	712	714	717	rVB	75278	59736	2.01%	0.159%
8	6.601	719	725	732	rVV	2695239	2934486	98.58%	7.787%
9	6.666	732	736	740	rVB2	47432	56004	1.88%	0.149%
10	6.754	746	751	754	rBV	2940026	2851282	95.78%	7.566%
11	6.807	756	760	763	rBV3	180315	179082	6.02%	0.475%
12	6.913	770	778	780	rBV8	19663	41506	1.39%	0.110%
13	6.984	786	790	793	rBV	1150637	966085	32.45%	2.564%
14	7.037	795	799	804	rBV3	54946	62810	2.11%	0.167%
15	7.137	812	816	819	rBV	2199059	1878536	63.11%	4.985%
16	7.160	819	820	824	rVB2	108229	71361	2.40%	0.189%
17	7.242	832	834	839	rVB3	55801	69137	2.32%	0.183%
18	7.454	866	870	876	rBV8	41945	84653	2.84%	0.225%
19	7.513	876	880	881	rBV3	64900	65856	2.21%	0.175%
20	7.542	881	885	888	rVV	2045685	1710319	57.46%	4.538%
21	7.713	912	914	918	rBV4	31850	34223	1.15%	0.091%
22	7.789	925	927	932	rVB6	25223	31084	1.04%	0.082%
23	7.907	944	947	950	rBV5	37392	47651	1.60%	0.126%
24	7.995	958	962	965	rBV6	50149	53743	1.81%	0.143%
25	8.266	1003	1008	1010	rBV	1232539	1059108	35.58%	2.810%
26	8.284	1010	1011	1014	rVB	263032	186672	6.27%	0.495%
27	8.342	1019	1021	1026	rVB6	31169	31094	1.04%	0.083%
28	8.548	1053	1056	1061	rVB6	35108	46992	1.58%	0.125%
29	8.672	1075	1077	1079	rBV2	44186	31638	1.06%	0.084%
30	8.978	1126	1129	1132	rVB	97079	77695	2.61%	0.206%
31	9.078	1142	1146	1149	rBV	79738	76139	2.56%	0.202%
32	9.272	1177	1179	1186	rVB5	62609	72897	2.45%	0.193%
33	9.336	1186	1190	1194	rBV	2389776	2044539	68.68%	5.425%
34	9.413	1200	1203	1206	rBV5	50522	56462	1.90%	0.150%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107428.D
 Acq On : 17 Jul 2018 2:59
 Operator : JU/SJ
 Sample : J3975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-8

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.442	1206	1208	1211	rVB4	52995	53081	1.78%	0.141%
36	9.601	1233	1235	1240	rVB5	37347	44522	1.50%	0.118%
37	9.678	1244	1248	1251	rBV6	51359	71589	2.40%	0.190%
38	9.730	1254	1257	1261	rVB	633933	519452	17.45%	1.378%
39	9.795	1265	1268	1271	rBV4	34079	48534	1.63%	0.129%
40	9.883	1280	1283	1285	rBV3	63292	52369	1.76%	0.139%
41	9.930	1289	1291	1295	rVB5	56086	65068	2.19%	0.173%
42	10.025	1304	1307	1310	rVB	1263019	1044477	35.09%	2.772%
43	10.054	1310	1312	1317	rVB	196222	183967	6.18%	0.488%
44	10.230	1338	1342	1346	rVB	102912	108214	3.64%	0.287%
45	10.266	1346	1348	1352	rVB5	40419	36708	1.23%	0.097%
46	10.336	1357	1360	1363	rBV4	40117	52690	1.77%	0.140%
47	10.436	1374	1377	1380	rVB5	48238	67690	2.27%	0.180%
48	10.530	1391	1393	1397	rVB5	49973	59472	2.00%	0.158%
49	10.572	1397	1400	1407	rBV	157987	155452	5.22%	0.412%
50	10.660	1412	1415	1417	rVB4	81650	72028	2.42%	0.191%
51	10.813	1437	1441	1445	rBV	1749199	1565088	52.58%	4.153%
52	10.925	1456	1460	1466	rVB4	171215	238816	8.02%	0.634%
53	11.395	1537	1540	1541	rBV3	83294	65390	2.20%	0.174%
54	11.413	1541	1543	1547	rVB	80112	82253	2.76%	0.218%
55	11.519	1557	1561	1563	rBV	1227733	1086342	36.49%	2.883%
56	11.542	1563	1565	1569	rVV	1144964	859141	28.86%	2.280%
57	11.595	1571	1574	1576	rVV	238592	220739	7.42%	0.586%
58	11.624	1577	1579	1582	rVB4	53079	39810	1.34%	0.106%
59	11.748	1597	1600	1603	rVB2	94545	86735	2.91%	0.230%
60	11.848	1615	1617	1622	rVB6	50699	79191	2.66%	0.210%
61	12.019	1643	1646	1649	rBV2	123721	143275	4.81%	0.380%
62	12.048	1649	1651	1654	rVB	159824	132596	4.45%	0.352%
63	12.095	1657	1659	1661	rBV2	49369	38793	1.30%	0.103%
64	12.130	1662	1665	1668	rBV2	233399	238120	8.00%	0.632%
65	12.313	1694	1696	1698	rBV2	116833	105601	3.55%	0.280%
66	12.389	1707	1709	1712	rBV4	43744	46865	1.57%	0.124%
67	12.566	1737	1739	1742	rBV2	130782	126559	4.25%	0.336%
68	12.595	1742	1744	1748	rVV5	76888	112594	3.78%	0.299%
69	12.654	1752	1754	1757	rBV4	49966	56365	1.89%	0.150%
70	12.736	1764	1768	1771	rVB	1723981	1462587	49.13%	3.881%
71	12.771	1771	1774	1776	rBV4	100370	85742	2.88%	0.228%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107428.D
 Acq On : 17 Jul 2018 2:59
 Operator : JU/SJ
 Sample : J3975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.883	1791	1793	1796	rBV4	75345	74608	2.51%	0.198%
73	12.966	1800	1807	1813	rBV	1366664	1638579	55.05%	4.348%
74	13.013	1813	1815	1819	rVB5	105936	118606	3.98%	0.315%
75	13.101	1824	1830	1833	rBV	2142658	1889340	63.47%	5.013%
76	13.177	1839	1843	1847	rBV6	97287	152970	5.14%	0.406%
77	13.295	1859	1863	1865	rVB	264379	284140	9.55%	0.754%
78	13.360	1870	1874	1876	rBV	268409	240183	8.07%	0.637%
79	13.395	1878	1880	1883	rVV3	160888	155333	5.22%	0.412%
80	13.424	1883	1885	1888	rVB3	78239	68590	2.30%	0.182%
81	13.660	1923	1925	1928	rBV4	79637	75858	2.55%	0.201%
82	13.965	1975	1977	1978	rBV	104075	76836	2.58%	0.204%
83	13.983	1978	1980	1983	rVB4	155649	148605	4.99%	0.394%
84	14.130	2002	2005	2007	rBV2	263540	250229	8.41%	0.664%
85	14.165	2007	2011	2013	rVV2	1377224	1746716	58.68%	4.635%
86	14.189	2013	2015	2021	rVB	708018	660781	22.20%	1.753%
87	14.271	2027	2029	2032	rBV3	137436	105978	3.56%	0.281%
88	15.242	2190	2194	2197	rBV2	355360	567757	19.07%	1.507%
89	15.565	2246	2249	2255	rVB2	193350	279477	9.39%	0.742%
90	15.630	2257	2260	2265	rVB	302417	376976	12.66%	1.000%
91	15.701	2268	2272	2276	rBV	580134	713370	23.96%	1.893%

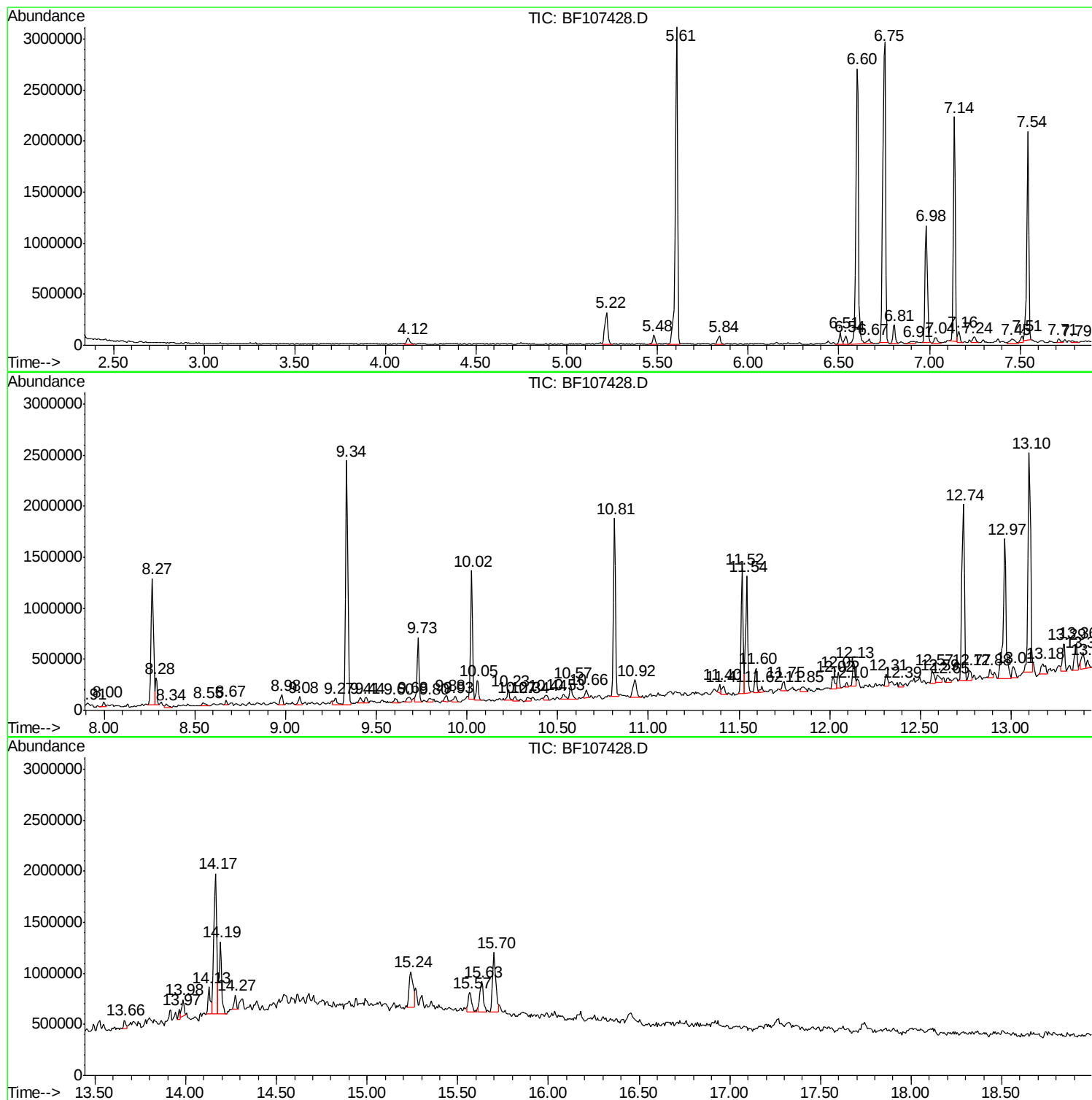
Sum of corrected areas: 37685996

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PAR-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

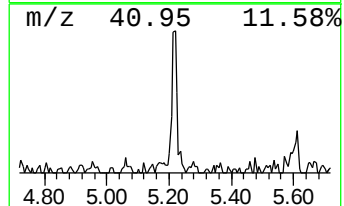
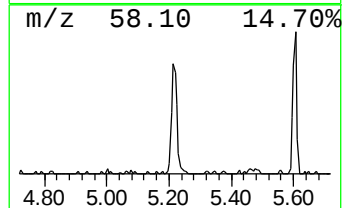
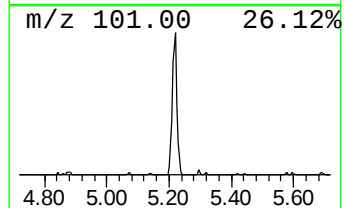
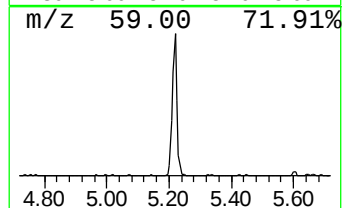
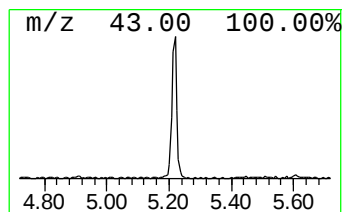
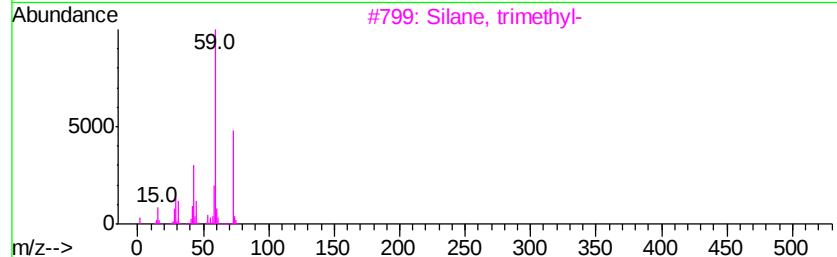
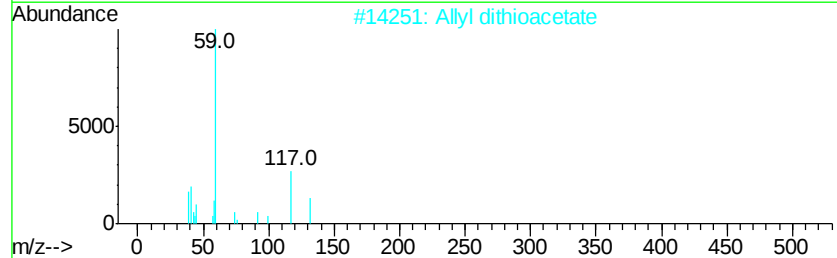
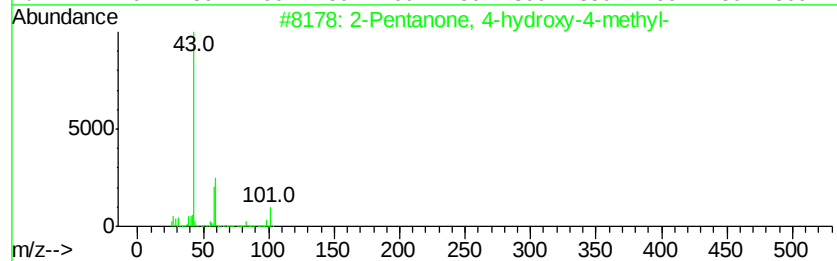
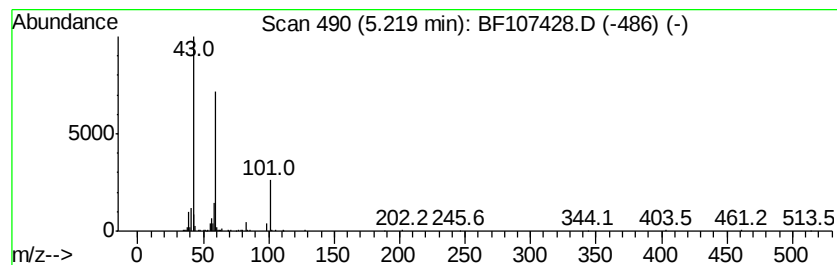
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.20 ng	347959	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Allyl dithioacetate	132	C5H8S2	027249-83-8	23
3			Silane, trimethyl-	74	C3H10Si	000993-07-7	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			5-Hexyn-3-ol	98	C6H10O	019780-84-8	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

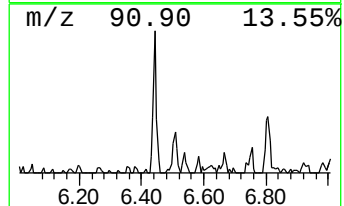
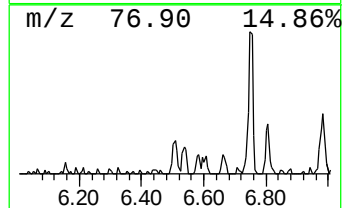
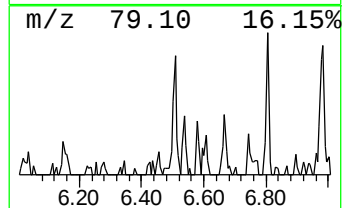
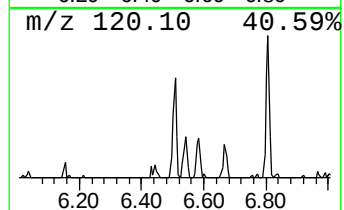
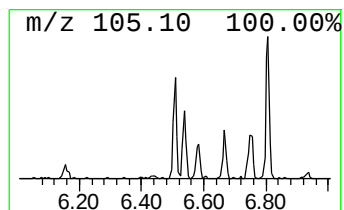
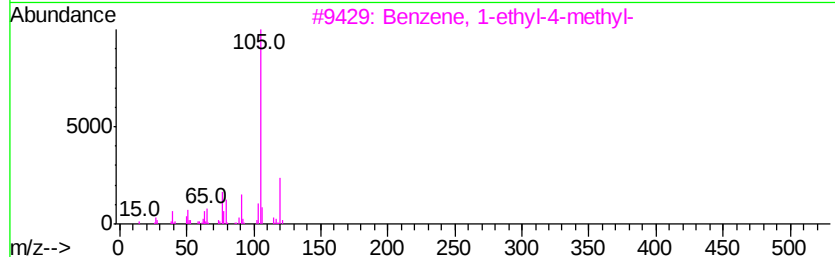
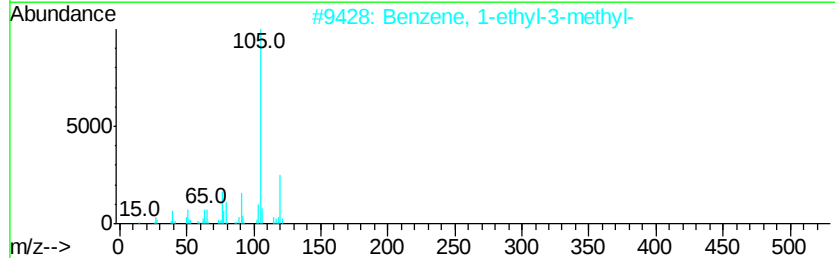
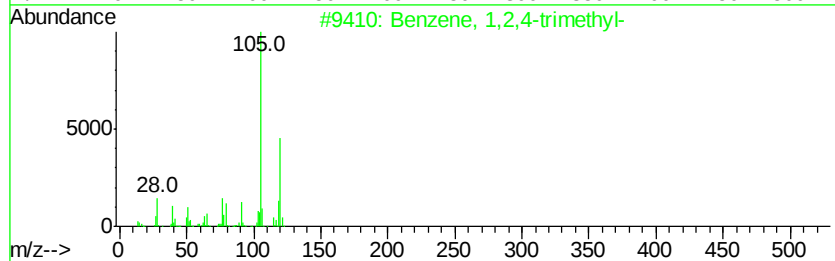
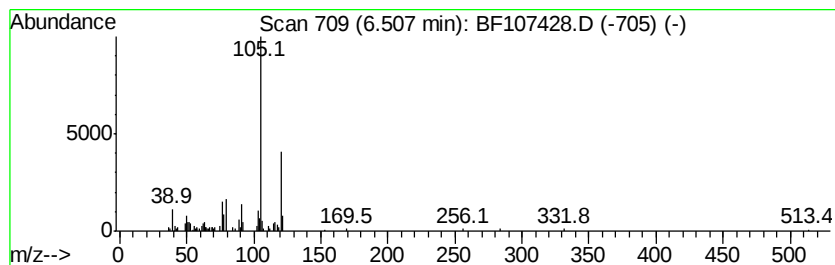
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	2.22 ng	107230	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5		Mesitylene	120	C9H12	000108-67-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

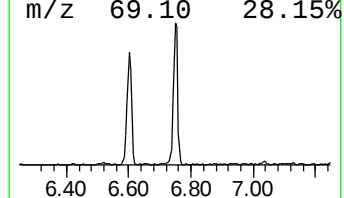
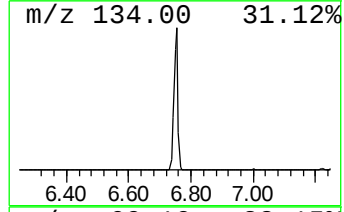
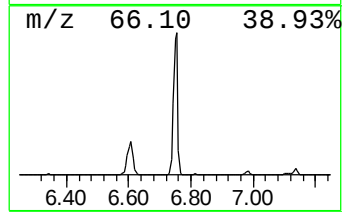
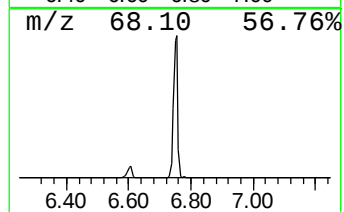
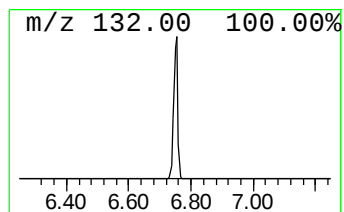
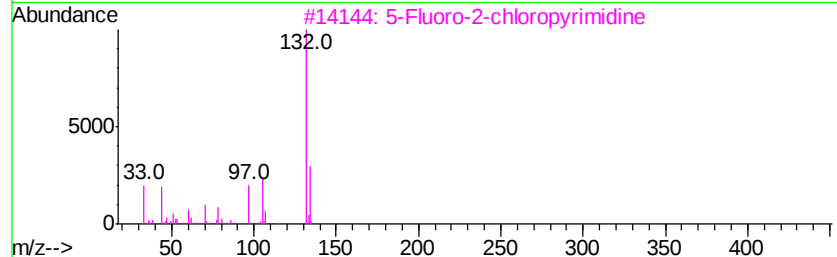
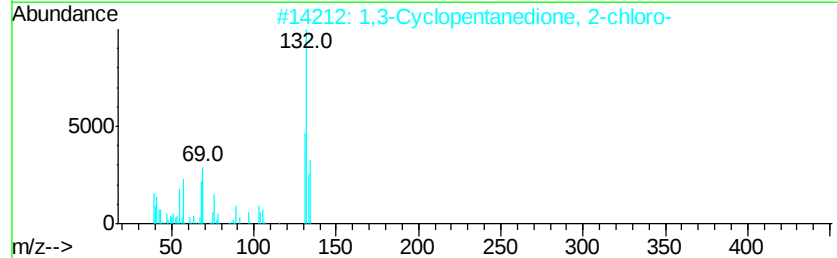
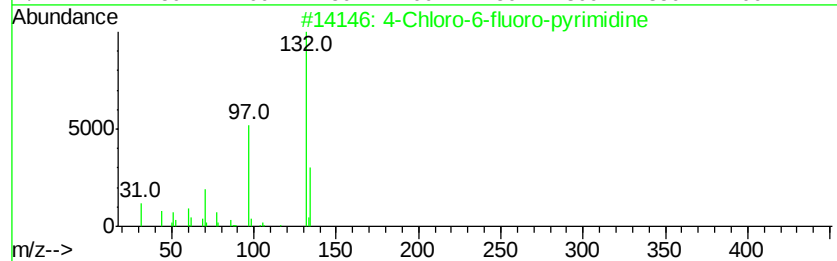
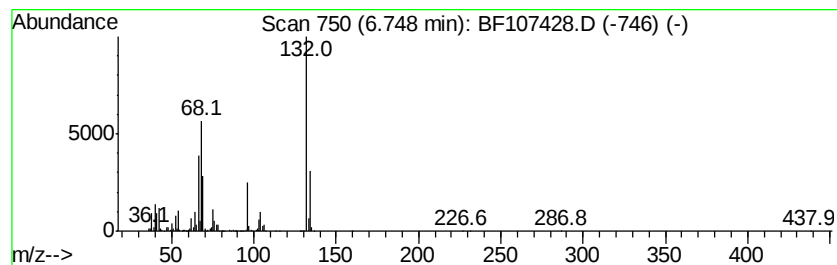
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	59.03 ng	2851280	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	14
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

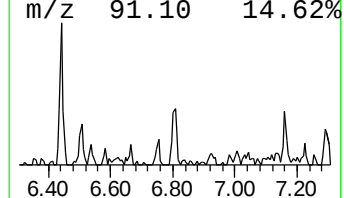
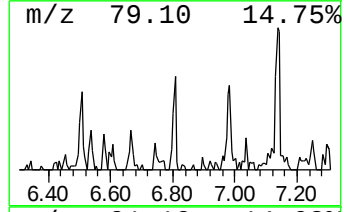
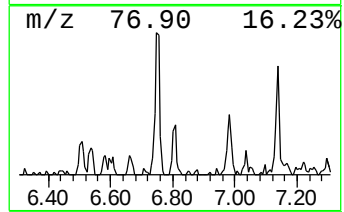
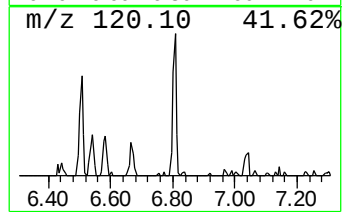
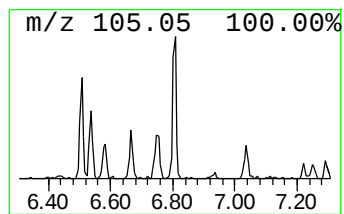
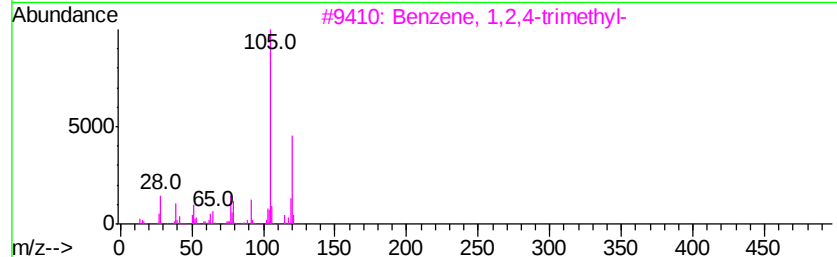
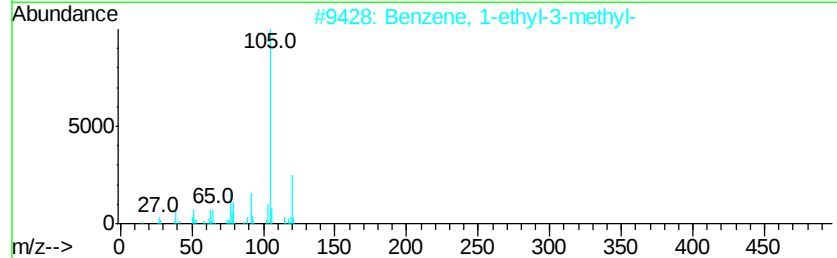
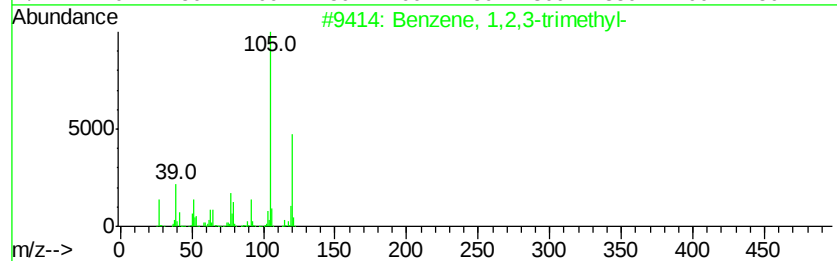
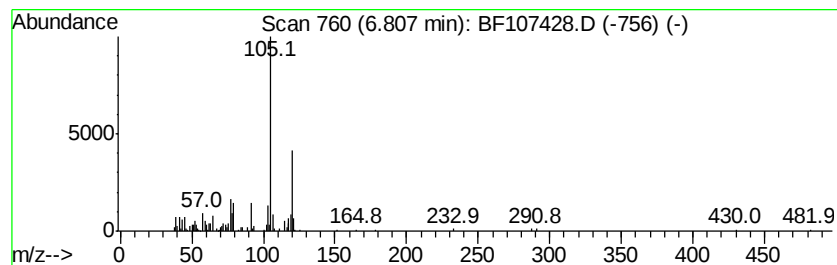
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	3.71 ng	179082	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4		Mesitylene	120	C9H12	000108-67-8	81
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

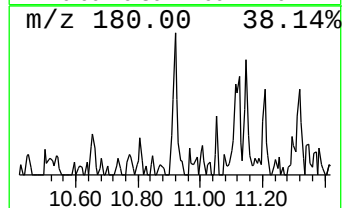
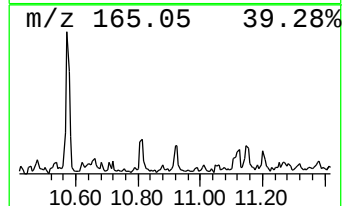
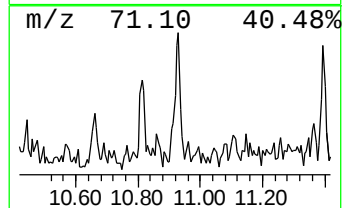
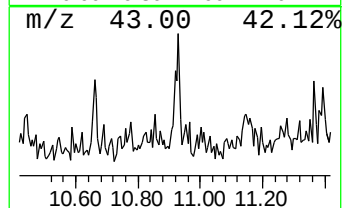
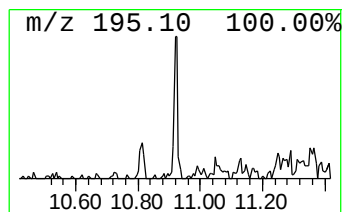
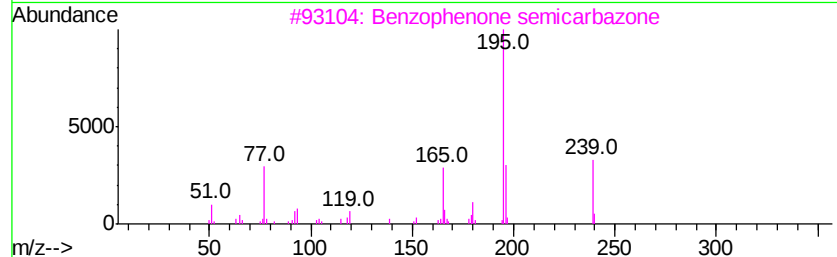
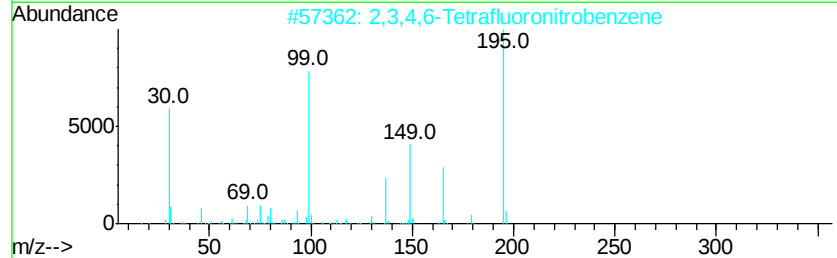
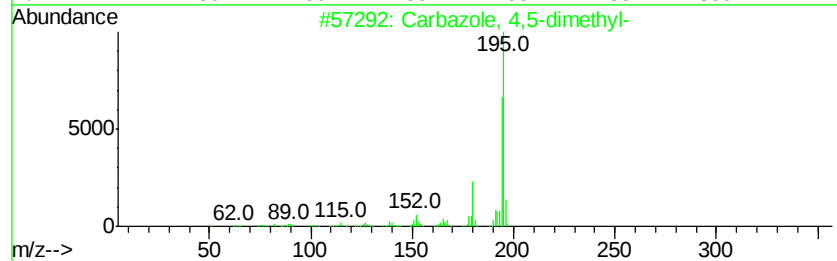
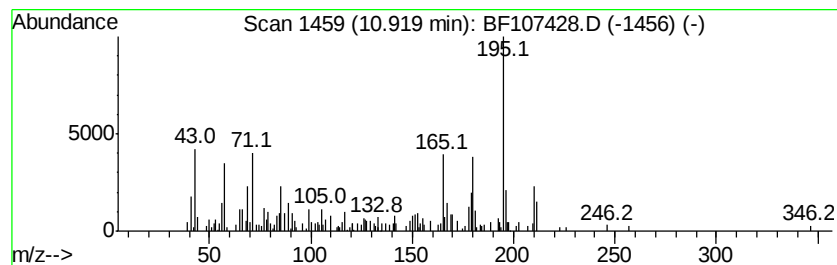
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.92 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.40 ng	238816	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	35
2		2,3,4,6-Tetrafluoronitrobenzene	195	C6HF4NO2	000314-41-0	35
3		Benzophenone semicarbazone	239	C14H13N3O	014066-73-0	35
4		Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	27
5		[1,2,4]Triazolo[1,5-a]pyridine, ...	195	C12H9N3	000779-24-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

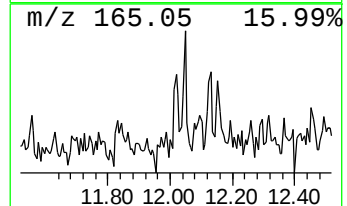
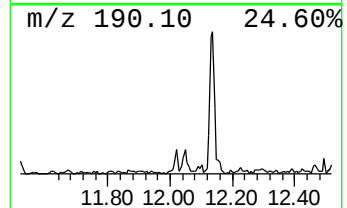
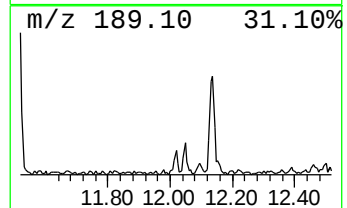
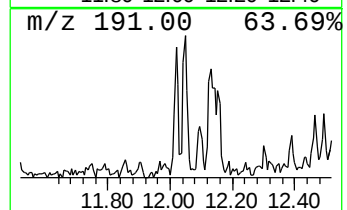
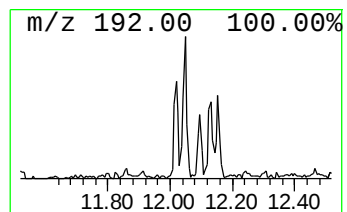
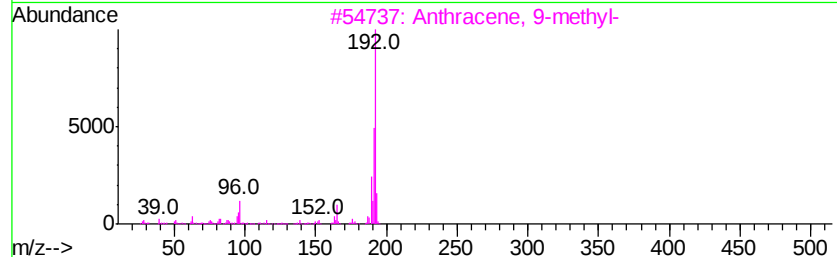
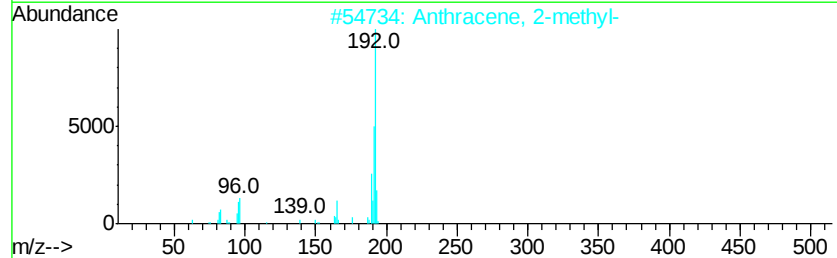
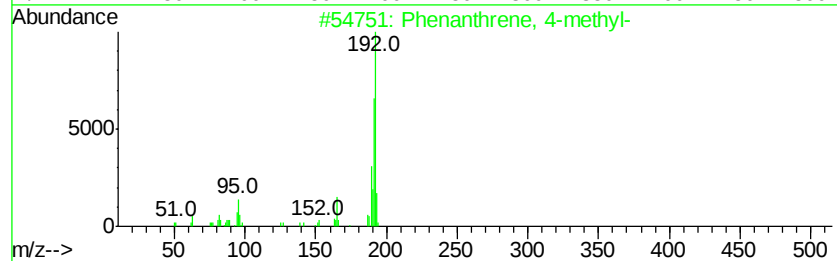
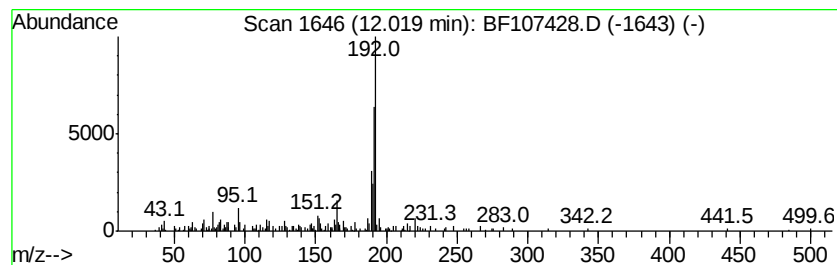
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.64 ng	143275	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PAR-8

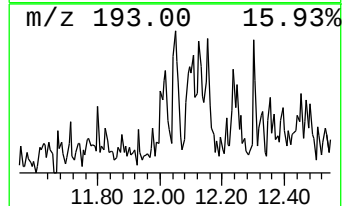
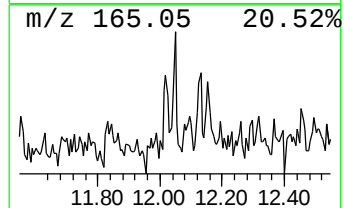
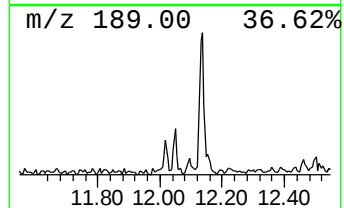
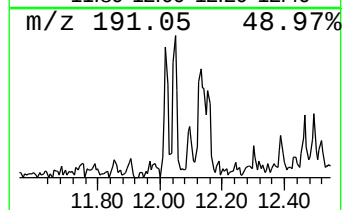
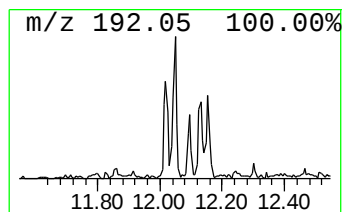
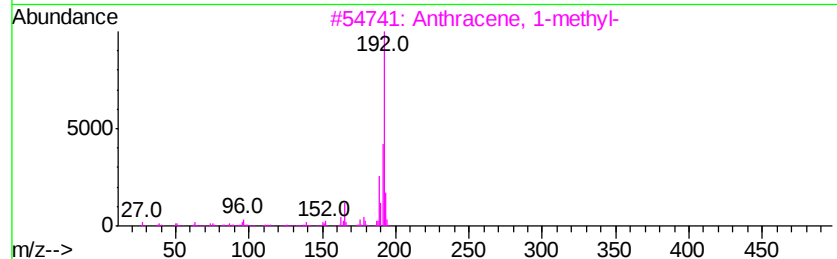
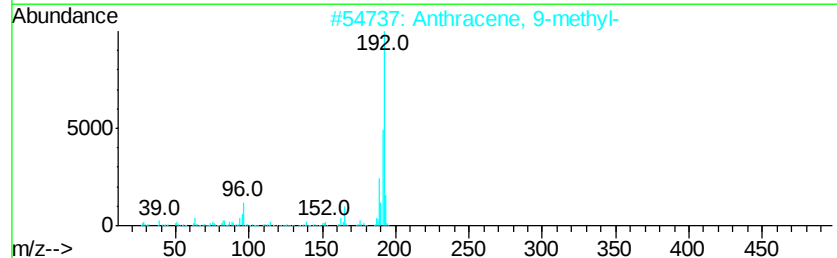
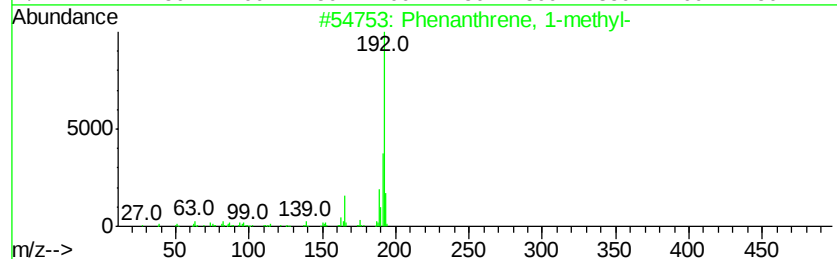
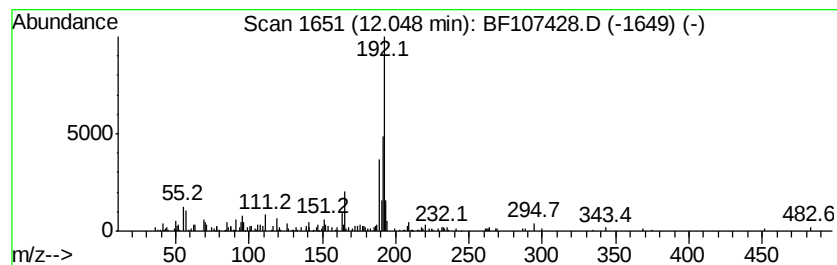
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.44 ng	132596	Phenanthrene-d10	11.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	81
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

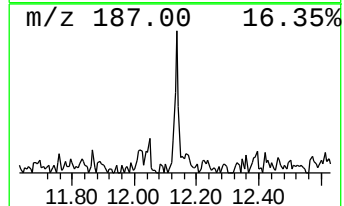
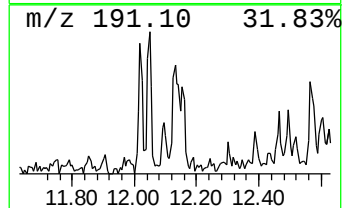
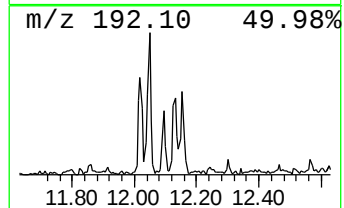
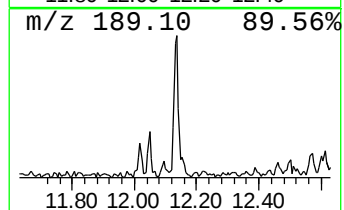
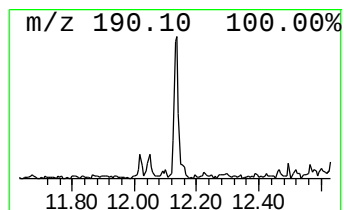
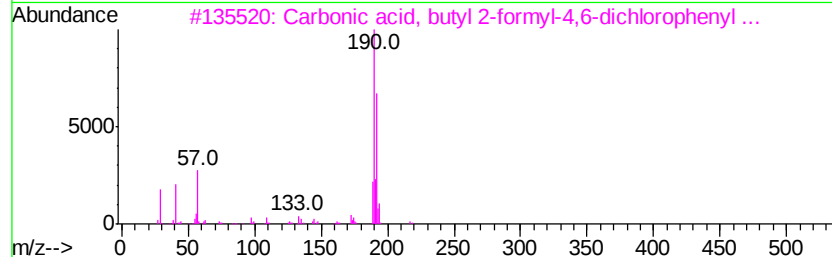
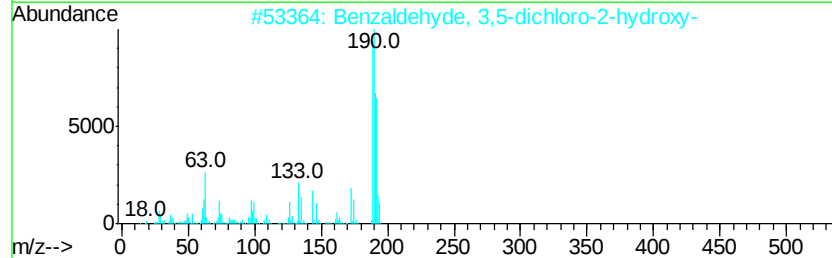
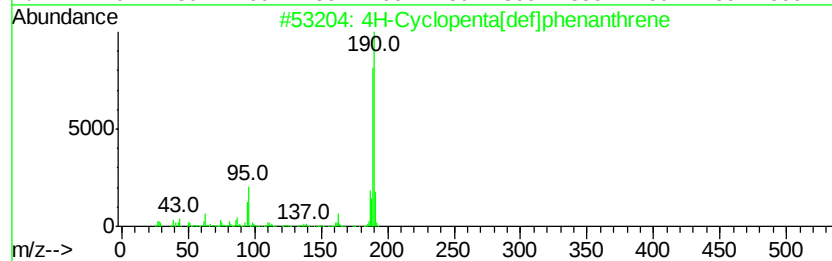
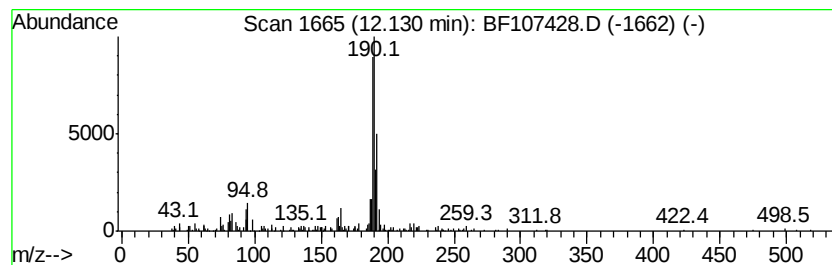
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.38 ng	238120	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	50
4		Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	40
5		4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

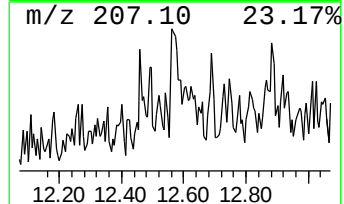
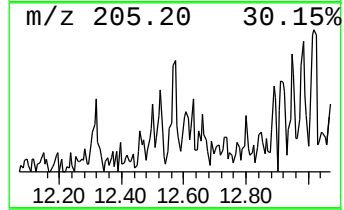
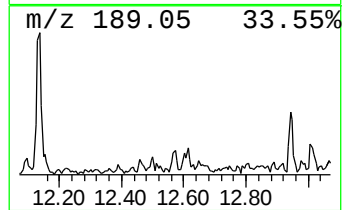
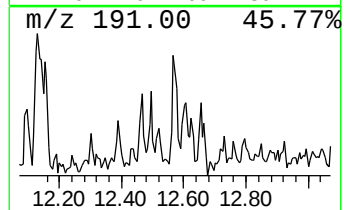
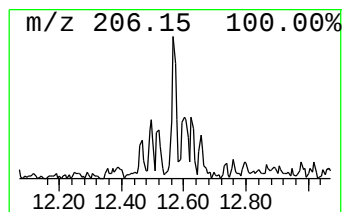
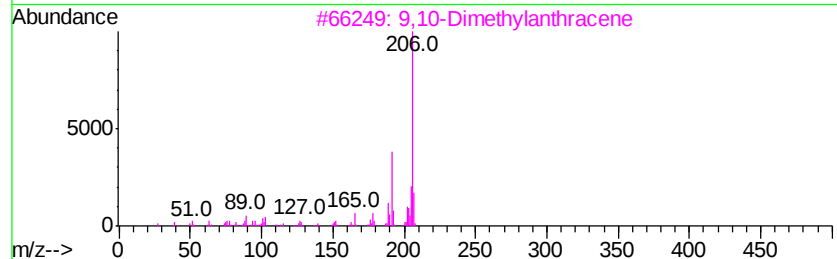
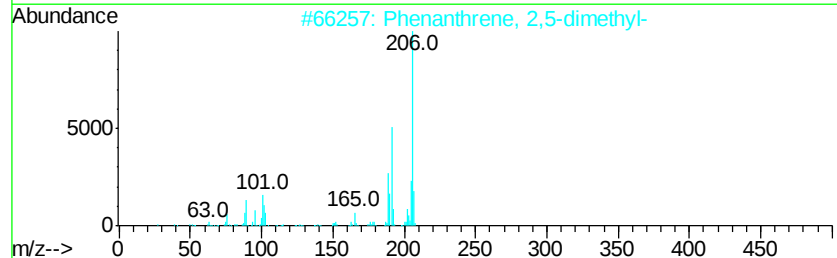
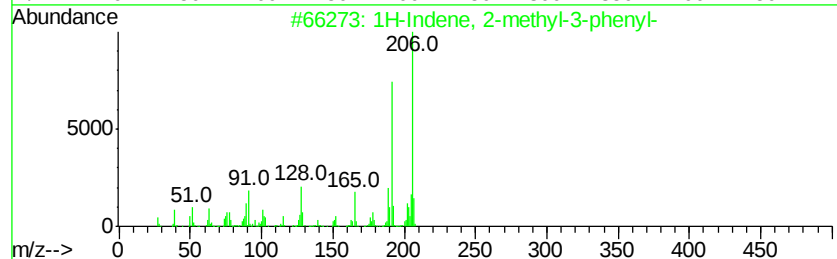
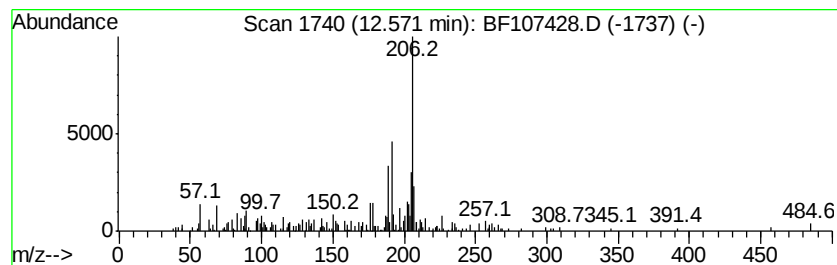
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.33 ng	126559	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

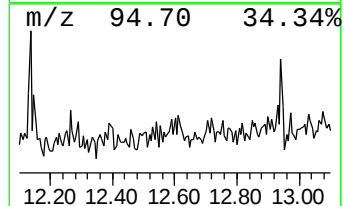
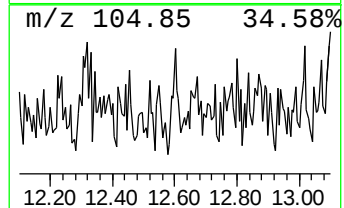
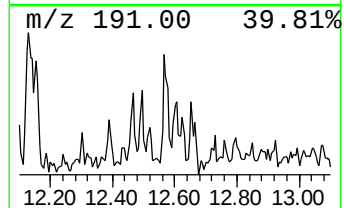
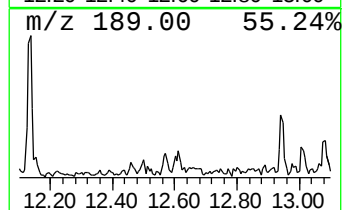
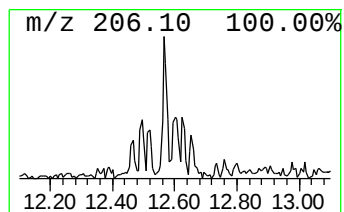
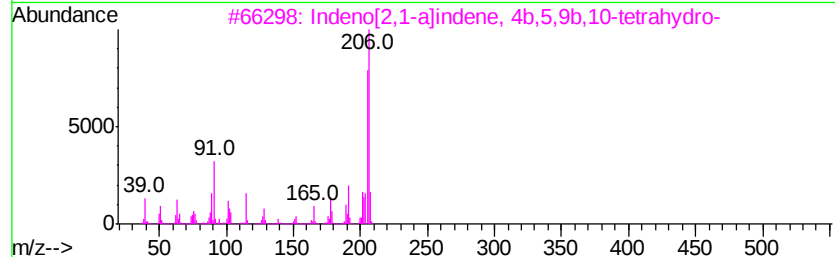
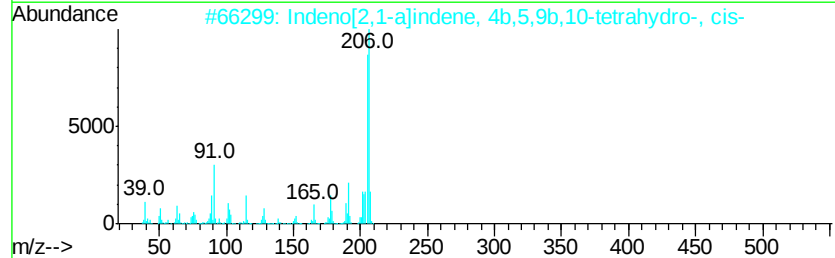
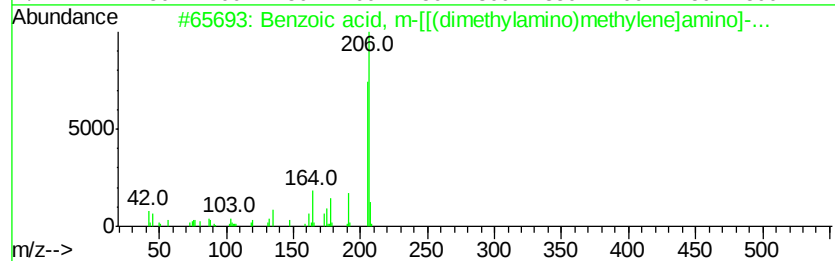
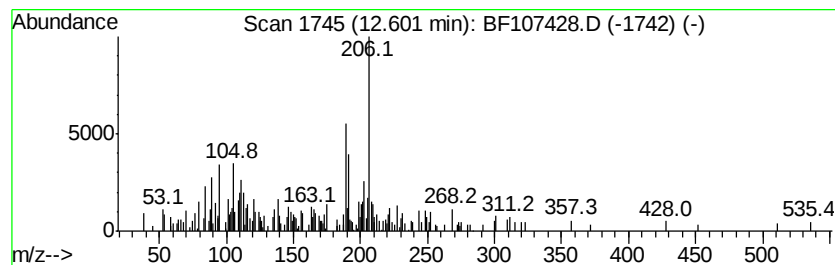
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.07 ng	112594	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, m-[[[(dimethylamino...	206	C11H14N2O2	029366-18-5	38
2		Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	35
3		Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	005695-17-0	35
4		6-(p-Chlorophenylthioacetyl)-2,4...	349	C15H16ClN5OS	1000250-75-5	30
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

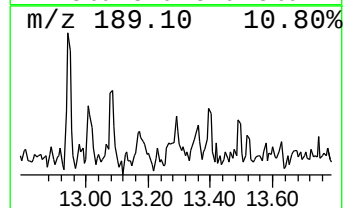
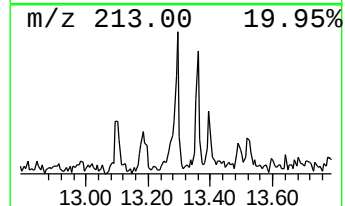
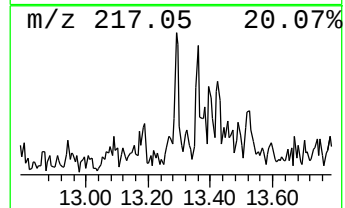
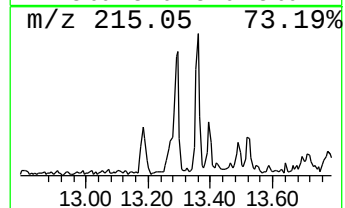
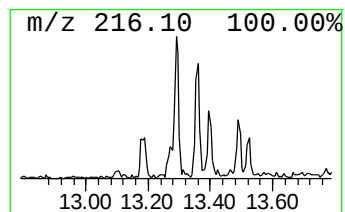
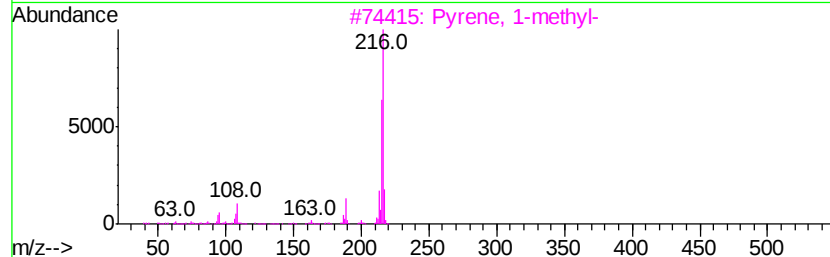
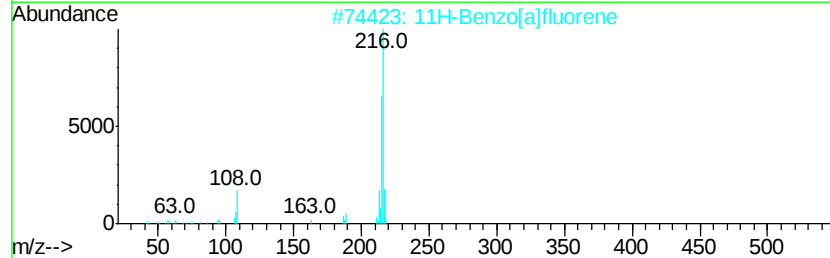
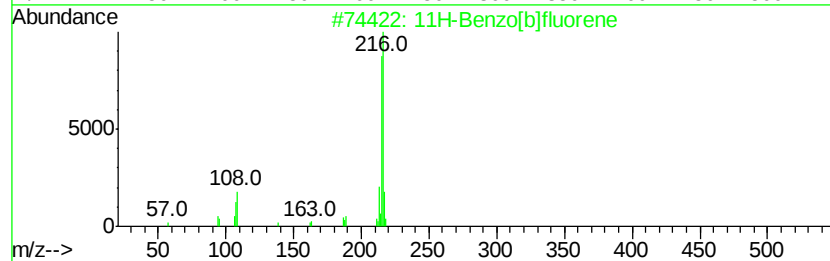
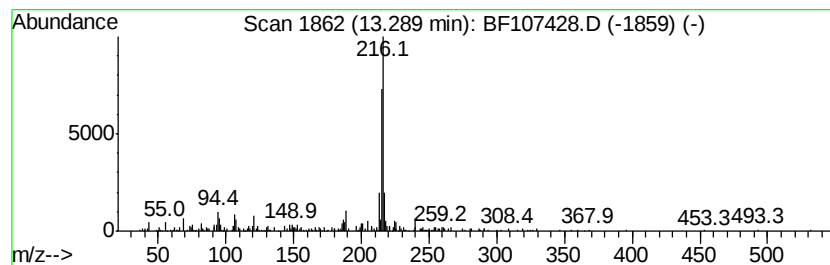
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.25 ng	284140	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	64
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107428.D
Acq On : 17 Jul 2018 2:59
Operator : JU/SJ
Sample : J3975-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-8

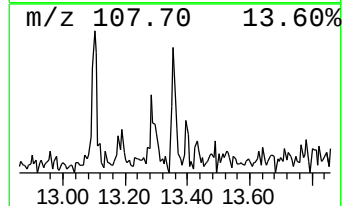
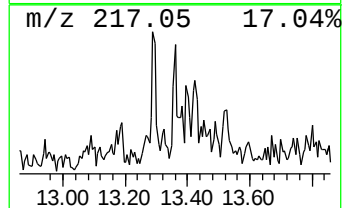
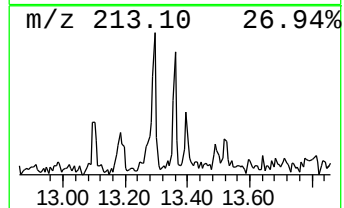
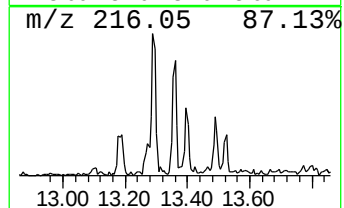
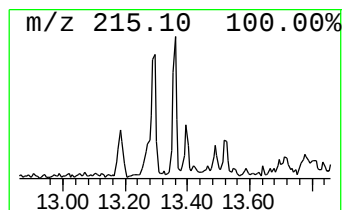
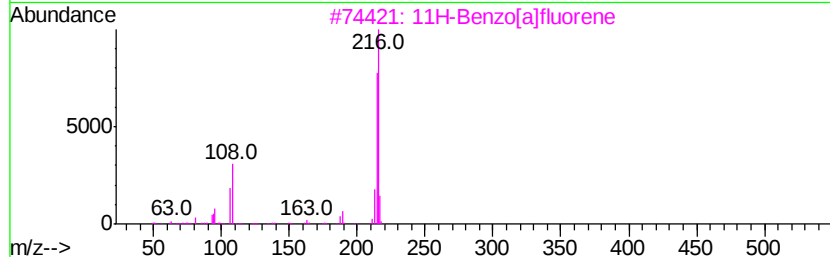
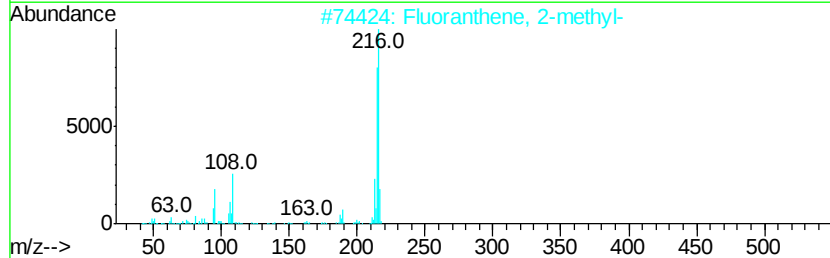
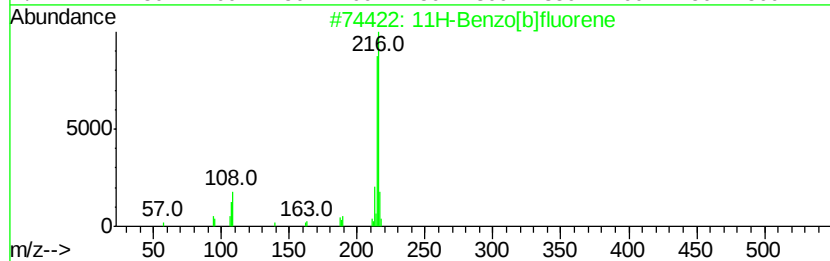
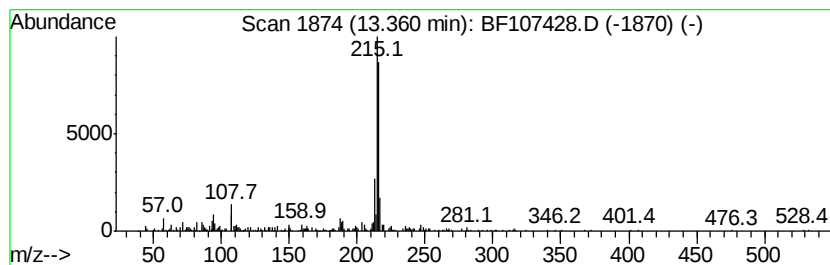
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.75 ng	240183	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107428.D
 Acq On : 17 Jul 2018 2:59
 Operator : JU/SJ
 Sample : J3975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
2-Pentanone, 4-hy...	5.22	7.2	ng	347959	1	6.98	966085	20.0
Benzene, 1,2,4-tr...	6.51	2.2	ng	107230	1	6.98	966085	20.0
unknown6.75	6.75	59.0	ng	2851280	1	6.98	966085	20.0
Benzene, 1,2,3-tr...	6.81	3.7	ng	179082	1	6.98	966085	20.0
unknown10.92	10.92	4.4	ng	238816	4	11.52	1086340	20.0
Phenanthrene, 4-m...	12.02	2.6	ng	143275	4	11.52	1086340	20.0
Phenanthrene, 1-m...	12.05	2.4	ng	132596	4	11.52	1086340	20.0
4H-Cyclopenta[def...	12.13	4.4	ng	238120	4	11.52	1086340	20.0
1H-Indene, 2-meth...	12.57	2.3	ng	126559	4	11.52	1086340	20.0
unknown12.60	12.60	2.1	ng	112594	4	11.52	1086340	20.0
11H-Benzo[b]fluorene	13.29	3.3	ng	284140	5	14.17	1746720	20.0
Fluoranthene, 2-m...	13.36	2.8	ng	240183	5	14.17	1746720	20.0