

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097225.D
 Acq On : 1 Aug 2017 11:47
 Operator : SJ/JU
 Sample : I4456-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-SS-3

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	4.598	456	461	471	rVB	460095	723714	25.07%	2.466%
2	5.075	538	542	560	rBV	2490511	2763615	95.72%	9.418%
3	6.145	720	724	737	rBV	2708807	2887309	100.00%	9.840%
4	6.245	737	741	746	rVV	2810513	2674714	92.64%	9.115%
5	6.463	775	778	782	rBV	822736	730690	25.31%	2.490%
6	6.622	801	805	808	rBV	2188573	1948278	67.48%	6.640%
7	7.034	871	875	878	rBV	1655039	1507680	52.22%	5.138%
8	7.181	895	900	906	rVB	35287	41915	1.45%	0.143%
9	7.539	956	961	965	rBV3	35104	54172	1.88%	0.185%
10	7.745	993	996	1004	rBV	1026992	921421	31.91%	3.140%
11	8.198	1070	1073	1078	rVB3	35893	42359	1.47%	0.144%
12	8.363	1098	1101	1104	rBV	47292	42540	1.47%	0.145%
13	8.422	1108	1111	1114	rVV3	33766	32417	1.12%	0.110%
14	8.463	1115	1118	1120	rVB	44602	39133	1.36%	0.133%
15	8.698	1155	1158	1163	rBV	41129	49404	1.71%	0.168%
16	8.828	1175	1180	1183	rBV	2562692	2219165	76.86%	7.563%
17	8.922	1194	1196	1202	rVB2	64480	66656	2.31%	0.227%
18	9.086	1221	1224	1228	rBV2	24789	38250	1.32%	0.130%
19	9.157	1233	1236	1239	rVV	46570	41424	1.43%	0.141%
20	9.204	1242	1244	1245	rVV	45050	34634	1.20%	0.118%
21	9.227	1245	1248	1253	rVB	262775	245940	8.52%	0.838%
22	9.351	1267	1269	1274	rVV2	43260	58463	2.02%	0.199%
23	9.404	1276	1278	1281	rVB3	41124	33436	1.16%	0.114%
24	9.451	1281	1286	1288	rBV2	58965	59418	2.06%	0.202%
25	9.492	1288	1293	1296	rVV	775838	674834	23.37%	2.300%
26	9.522	1296	1298	1304	rVB	82723	79202	2.74%	0.270%
27	9.604	1308	1312	1317	rBV8	15650	34553	1.20%	0.118%
28	9.698	1325	1328	1330	rBV2	38525	30920	1.07%	0.105%
29	9.739	1331	1335	1338	rVB	139306	131708	4.56%	0.449%
30	9.898	1360	1362	1363	rBV	43692	33629	1.16%	0.115%
31	9.916	1363	1365	1368	rVV	54942	65351	2.26%	0.223%
32	9.951	1368	1371	1375	rVB	68595	69319	2.40%	0.236%
33	10.033	1381	1385	1389	rVB2	66207	80689	2.79%	0.275%
34	10.280	1423	1427	1431	rBV	1162076	1019983	35.33%	3.476%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
 Data File : BF097225.D
 Acq On : 1 Aug 2017 11:47
 Operator : SJ/JU
 Sample : I4456-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-SS-3

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	10.416	1447	1450	1458	rVB2	86581	134749	4.67%	0.459%
36	10.669	1491	1493	1496	rVB2	67900	57566	1.99%	0.196%
37	10.780	1510	1512	1517	rVB2	53464	47783	1.65%	0.163%
38	10.822	1517	1519	1522	rBV4	25495	33729	1.17%	0.115%
39	10.863	1524	1526	1529	rVB	95103	75878	2.63%	0.259%
40	10.969	1540	1544	1546	rBV	637753	623543	21.60%	2.125%
41	10.992	1546	1548	1551	rVB	536050	411645	14.26%	1.403%
42	11.039	1553	1556	1560	rVB	132623	139415	4.83%	0.475%
43	11.204	1582	1584	1587	rBV	74874	56618	1.96%	0.193%
44	11.286	1596	1598	1606	rVB3	41758	64047	2.22%	0.218%
45	11.469	1626	1629	1631	rBV	70497	63489	2.20%	0.216%
46	11.498	1631	1634	1636	rVV	96724	93632	3.24%	0.319%
47	11.527	1636	1639	1644	rVB2	412001	441548	15.29%	1.505%
48	11.574	1644	1647	1650	rBV	116218	108590	3.76%	0.370%
49	11.763	1677	1679	1682	rBV	44252	32985	1.14%	0.112%
50	11.792	1682	1684	1688	rVB2	99014	83990	2.91%	0.286%
51	12.016	1720	1722	1724	rBV	48862	38488	1.33%	0.131%
52	12.104	1734	1737	1741	rVB	55451	59589	2.06%	0.203%
53	12.174	1745	1749	1752	rBV	907101	795611	27.56%	2.711%
54	12.310	1769	1772	1781	rBV2	487664	566971	19.64%	1.932%
55	12.398	1782	1787	1790	rVV	772495	768991	26.63%	2.621%
56	12.521	1806	1808	1810	rVV	54885	32142	1.11%	0.110%
57	12.551	1810	1813	1820	rVB	1567242	1624156	56.25%	5.535%
58	12.727	1837	1843	1846	rBV3	122687	186621	6.46%	0.636%
59	12.798	1852	1855	1858	rBV2	94757	104804	3.63%	0.357%
60	12.833	1858	1861	1863	rBV	89950	86139	2.98%	0.294%
61	13.239	1927	1930	1934	rBV	61497	64407	2.23%	0.219%
62	13.345	1946	1948	1950	rBV	63976	43076	1.49%	0.147%
63	13.445	1963	1965	1967	rBV	86856	84453	2.92%	0.288%
64	13.468	1967	1969	1973	rVB2	132795	148420	5.14%	0.506%
65	13.592	1985	1990	1993	rBV2	721436	989390	34.27%	3.372%
66	13.621	1993	1995	1998	rVB	326948	259993	9.00%	0.886%
67	13.945	2048	2050	2052	rBV2	111887	115261	3.99%	0.393%
68	14.586	2156	2159	2166	rBV	430783	709129	24.56%	2.417%
69	14.892	2208	2211	2216	rVB	294871	319837	11.08%	1.090%
70	14.945	2216	2220	2222	rBV	365767	399729	13.84%	1.362%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

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

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

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

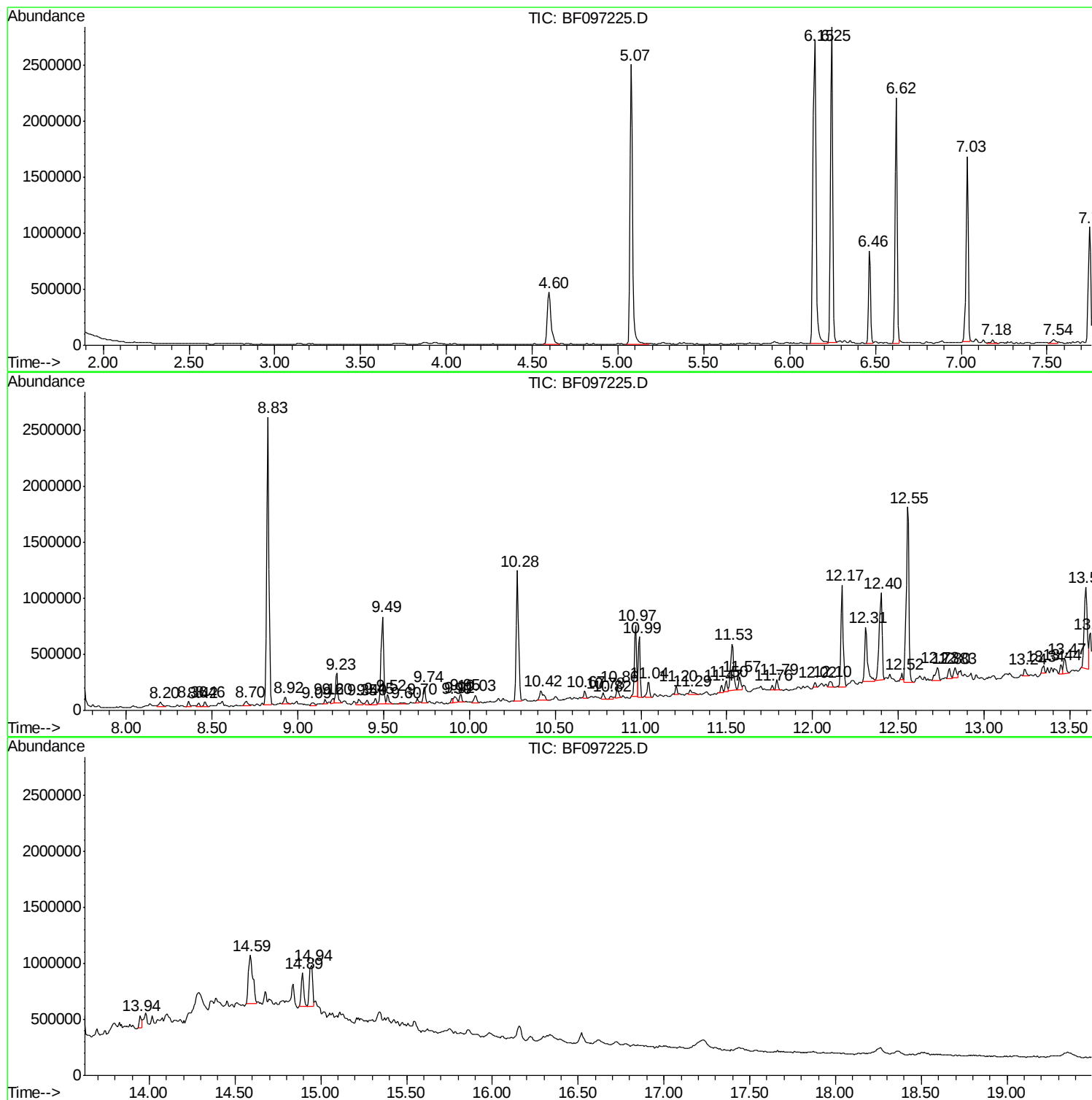
Sum of corrected areas: 29343349

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-7-SS-3

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\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

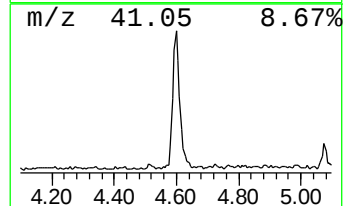
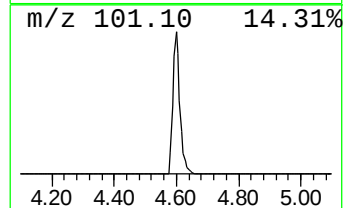
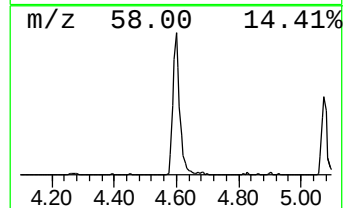
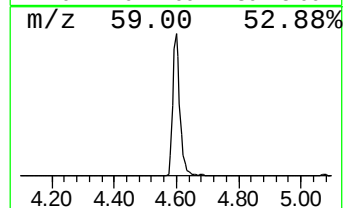
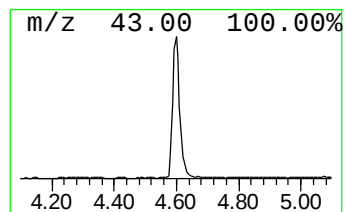
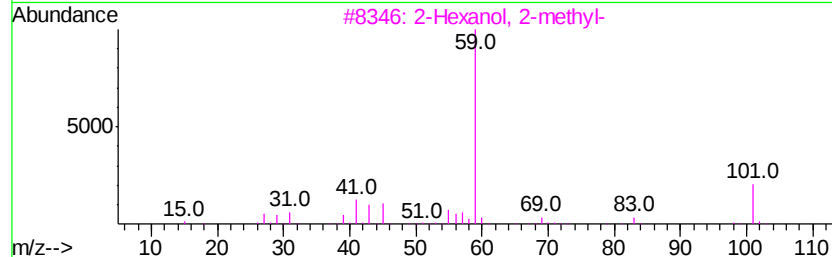
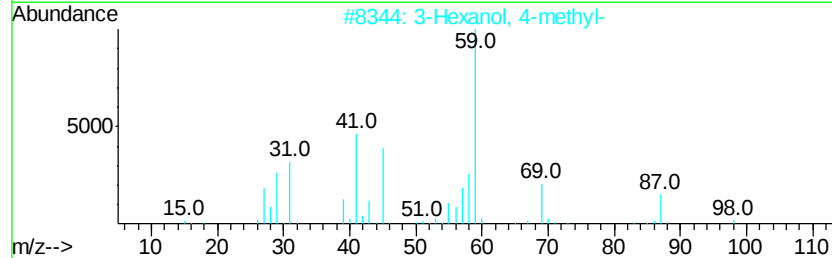
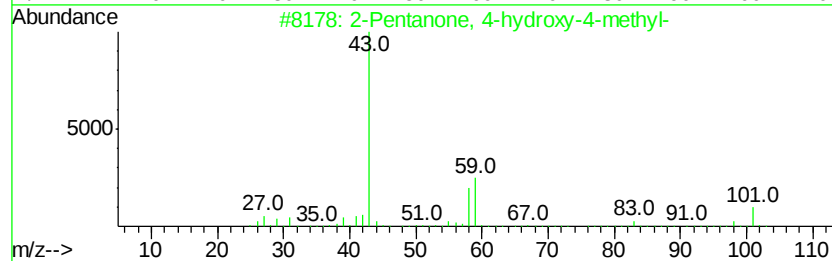
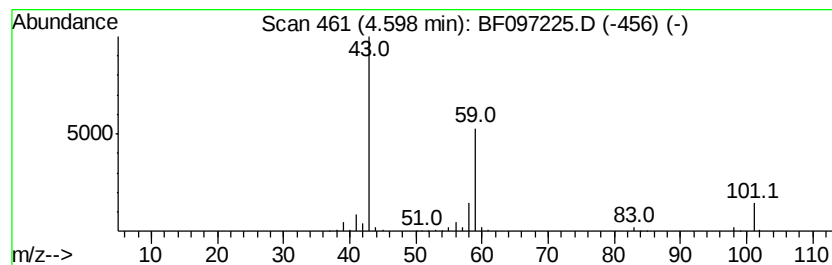
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	19.81 ng	723714	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

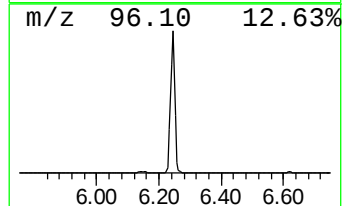
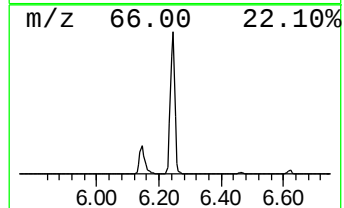
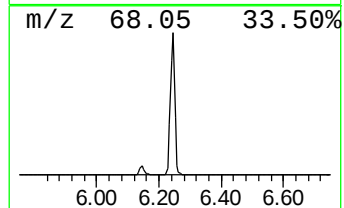
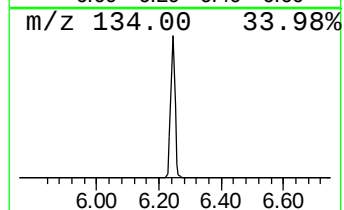
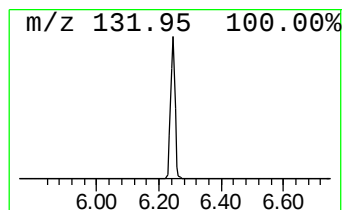
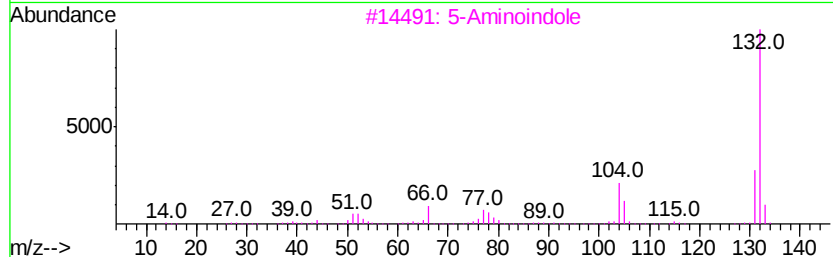
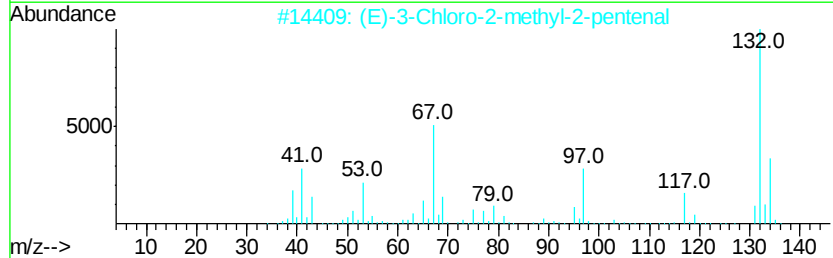
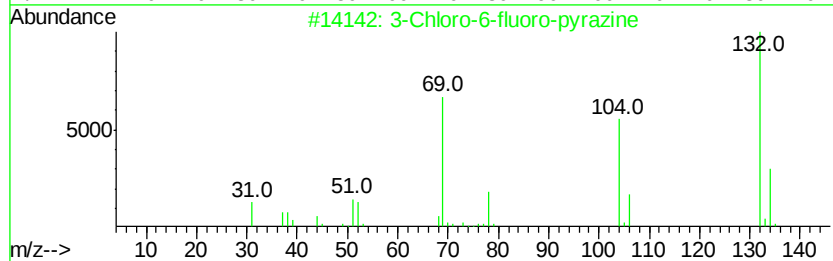
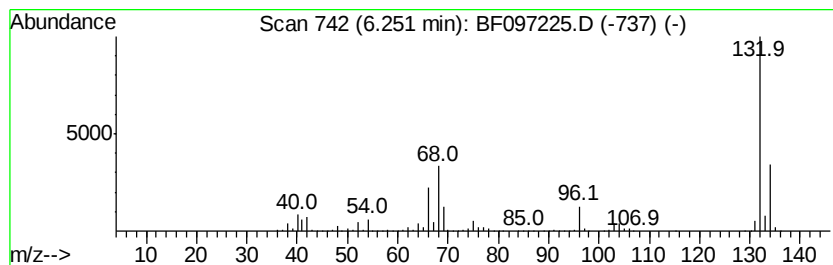
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	73.21 ng	2674710	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

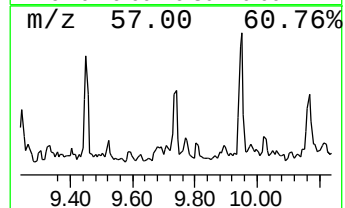
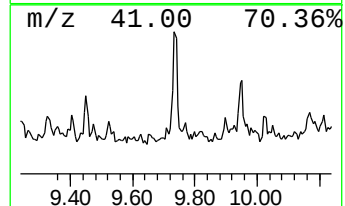
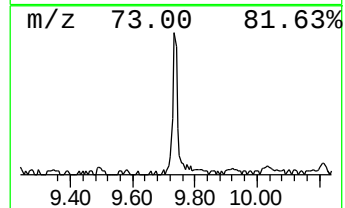
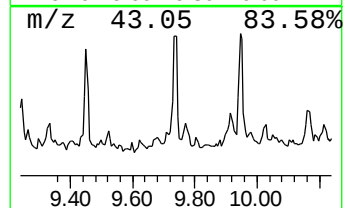
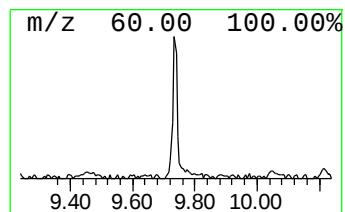
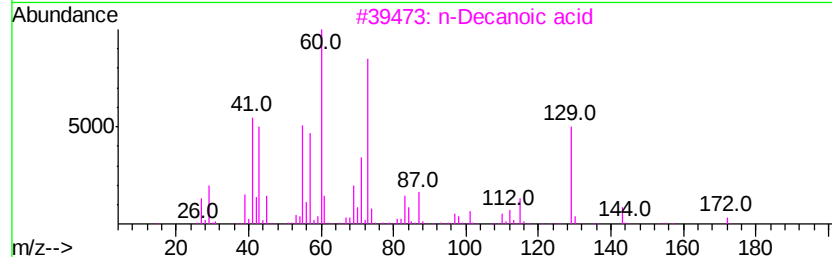
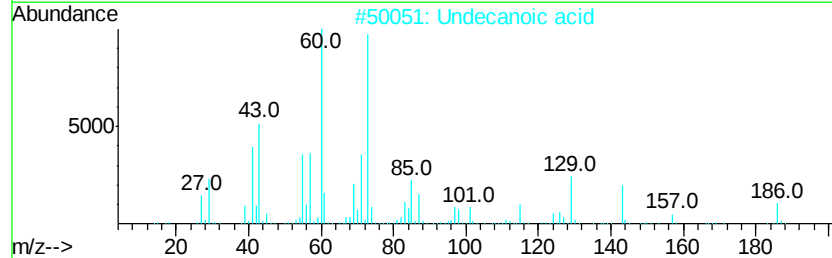
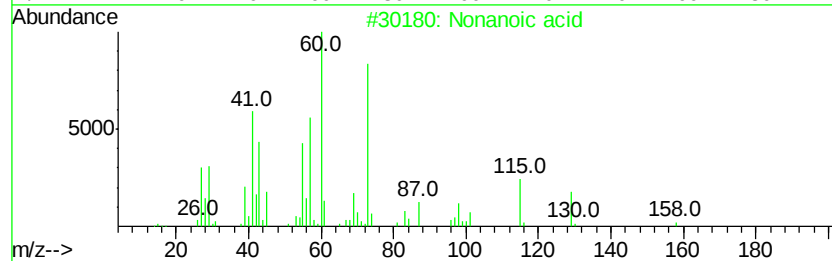
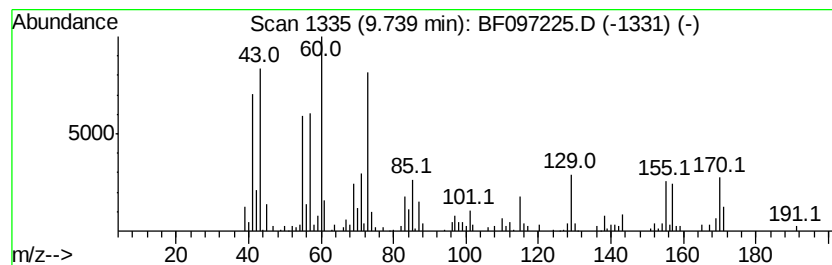
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.90 ng	131708	Acenaphthene-d10	9.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid		158	C9H18O2	000112-05-0	55
2	Undecanoic acid		186	C11H22O2	000112-37-8	53
3	n-Decanoic acid		172	C10H20O2	000334-48-5	46
4	Octanoic acid, silver(1+) salt		250	C8H15AgO2	024927-67-1	43
5	Ethanone, 1-(4,5-dihydro-2-thiaz...		129	C5H7NOS	029926-41-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

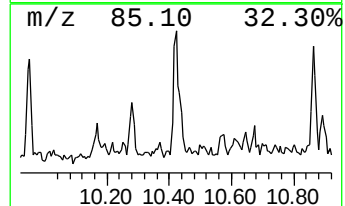
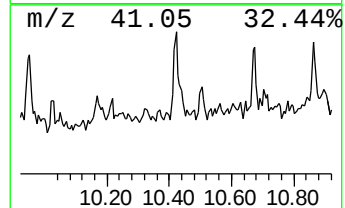
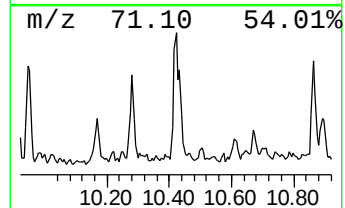
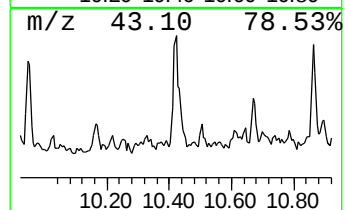
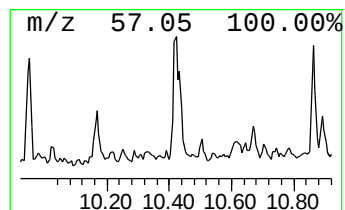
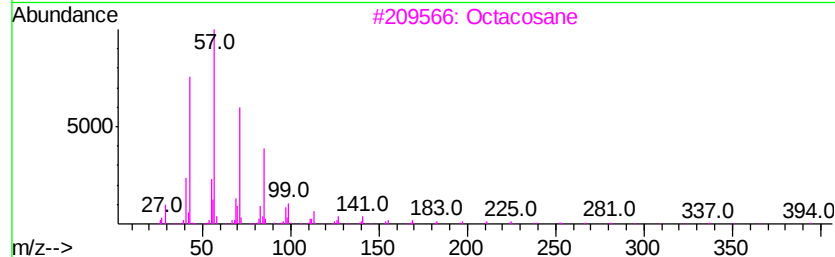
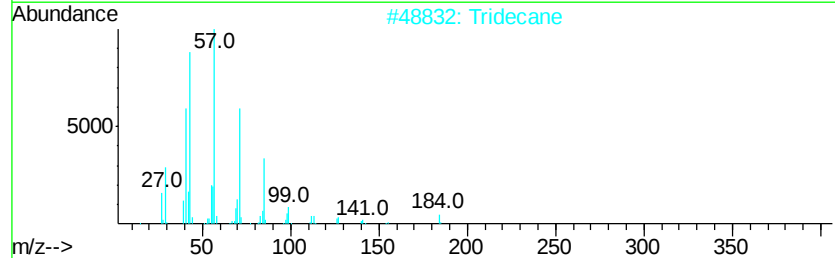
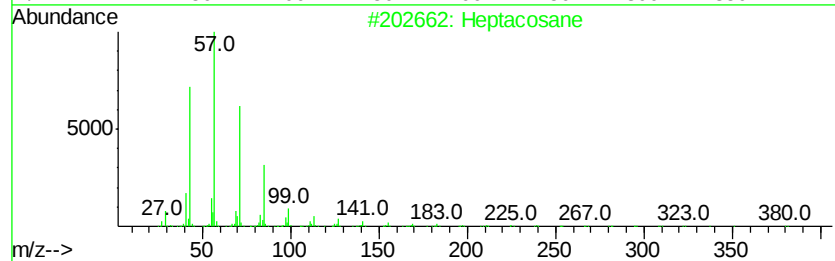
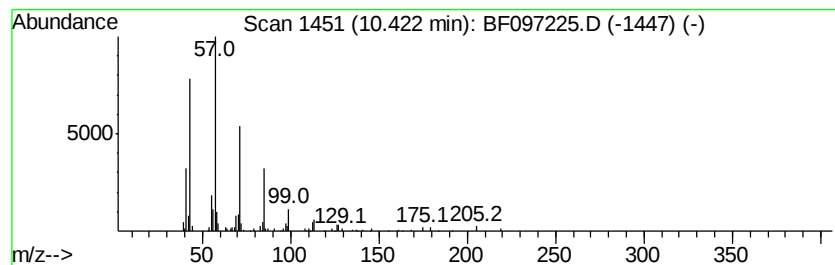
Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

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 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	4.32 ng	134749	Phenanthrene-d10	10.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

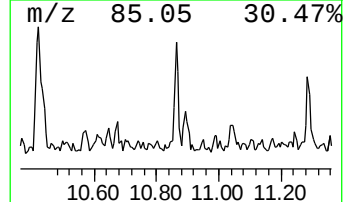
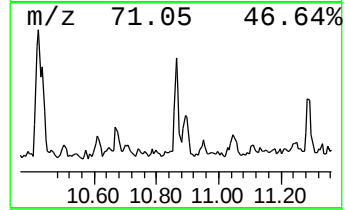
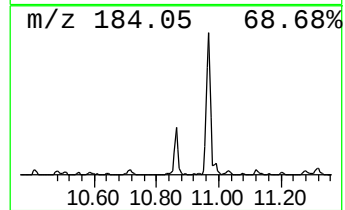
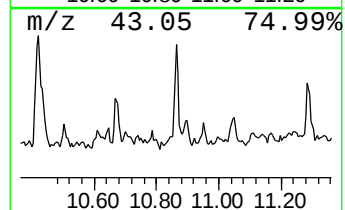
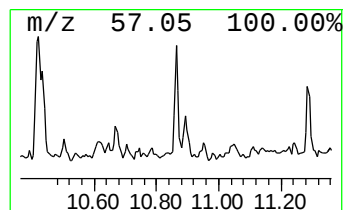
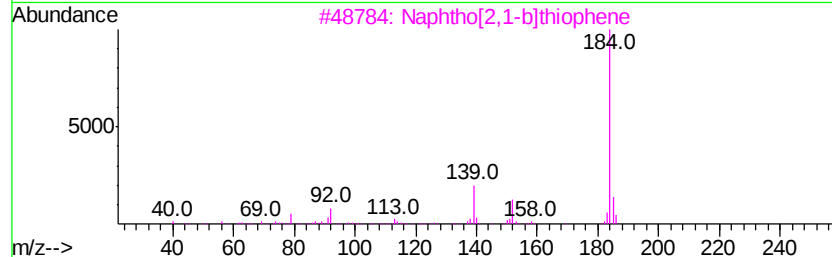
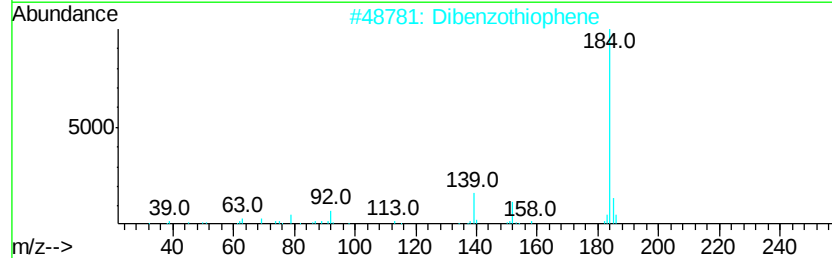
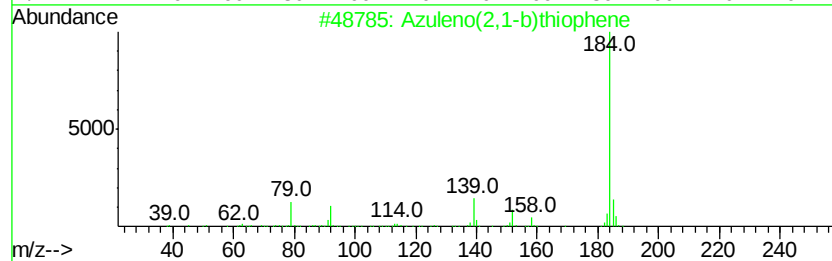
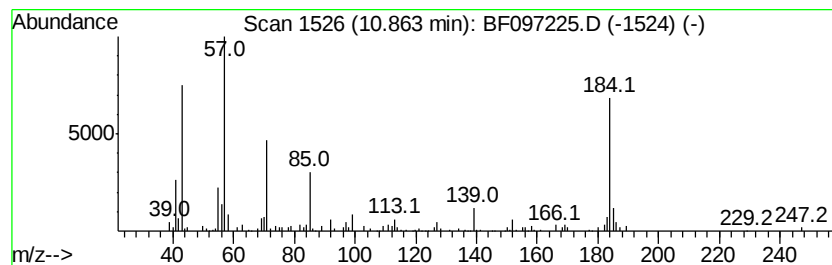
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.86 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.43 ng	75878	Phenanthrene-d10	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	41
2		Dibenzothiophene	184	C12H8S	000132-65-0	41
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	38
4		Undecane	156	C11H24	001120-21-4	38
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

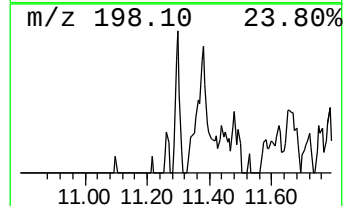
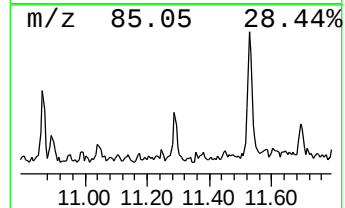
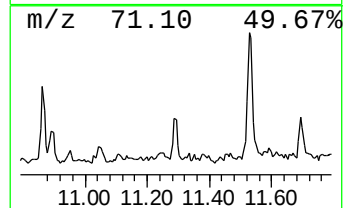
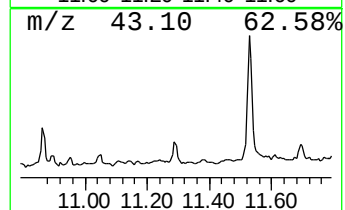
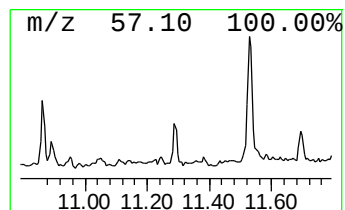
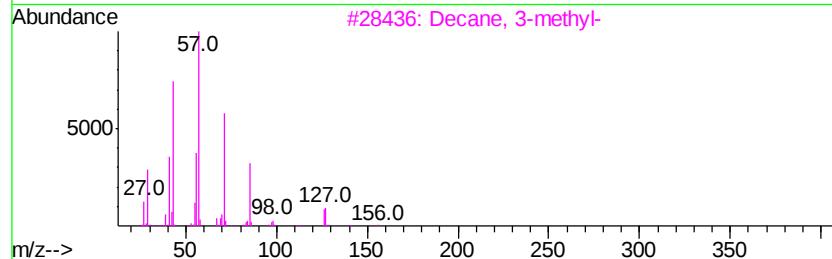
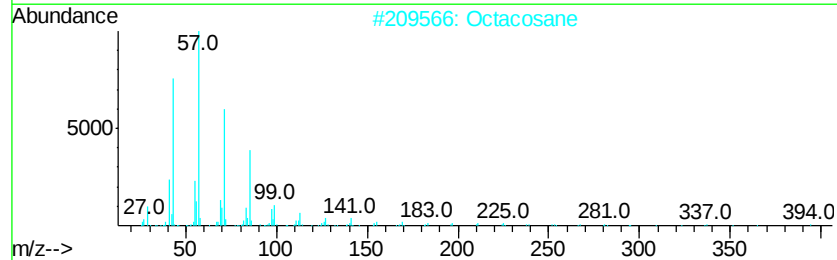
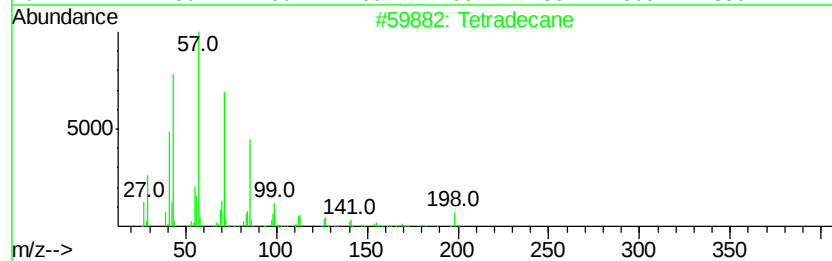
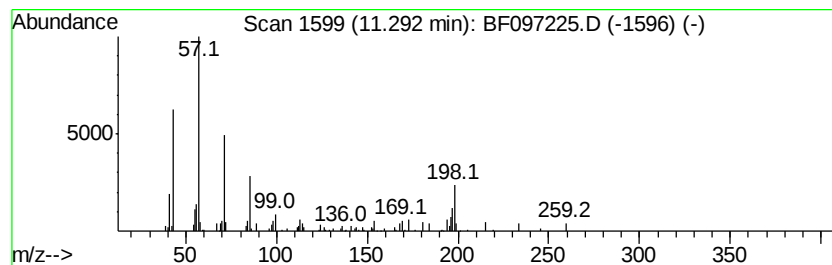
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.05 ng	64047	Phenanthrene-d10	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	58
2		Octacosane	394	C28H58	000630-02-4	58
3		Decane, 3-methyl-	156	C11H24	013151-34-3	53
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

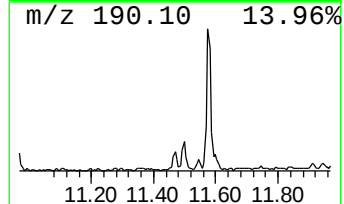
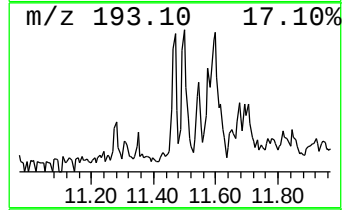
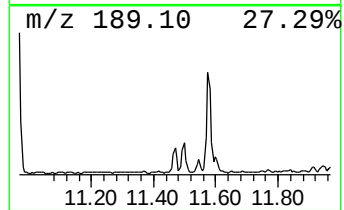
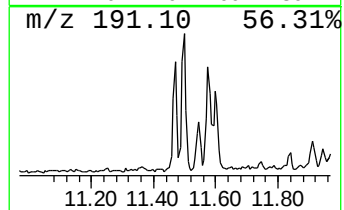
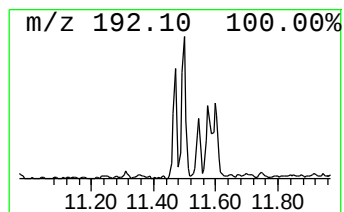
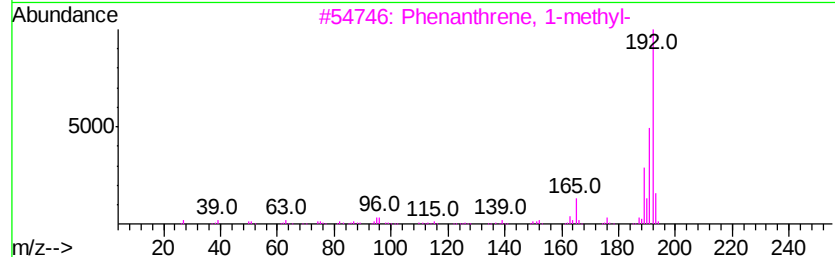
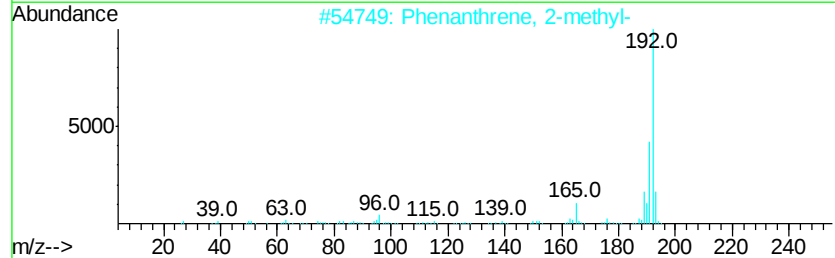
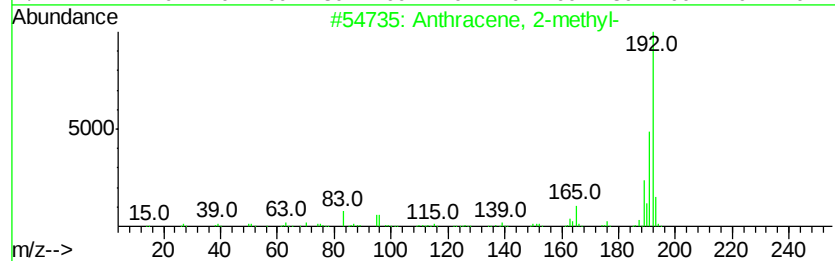
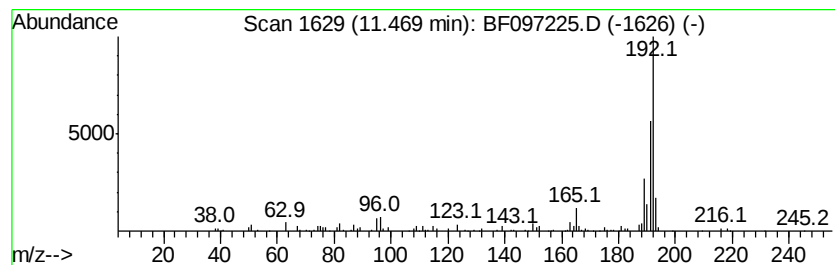
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.04 ng	63489	Phenanthrene-d10	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

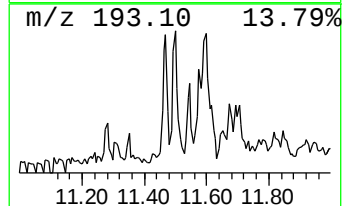
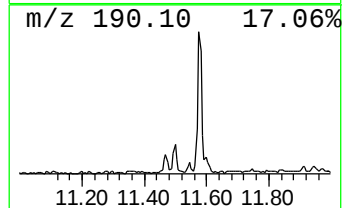
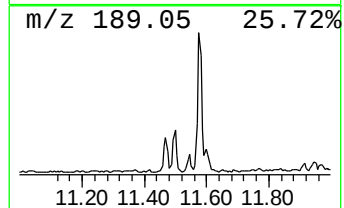
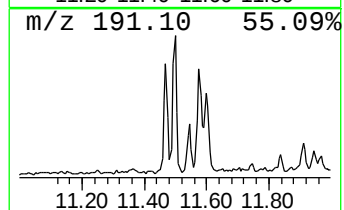
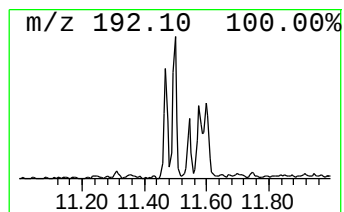
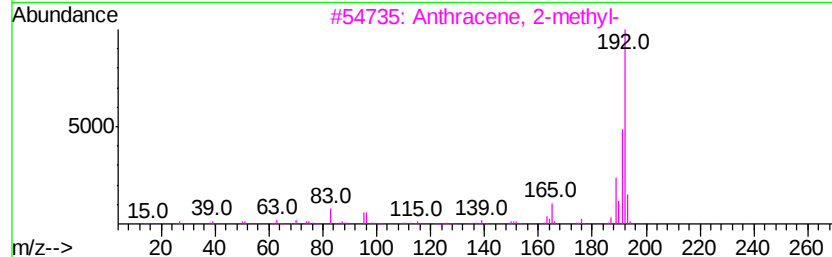
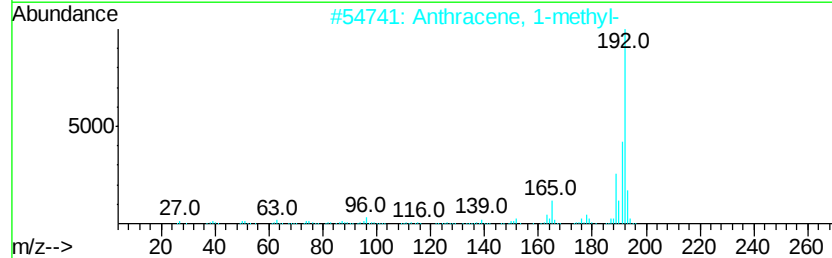
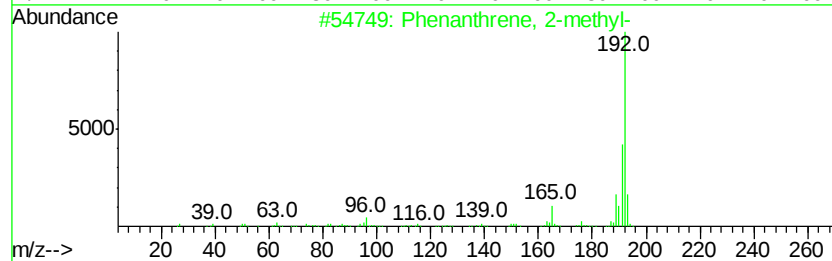
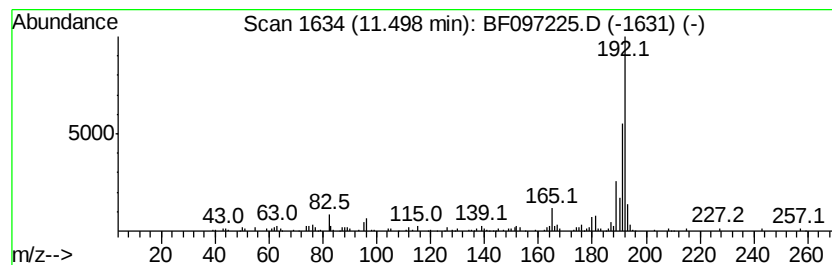
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.00 ng	93632	Phenanthrene-d10	10.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

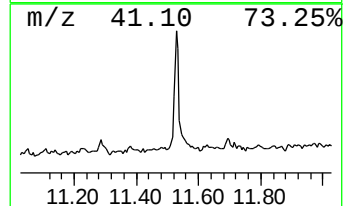
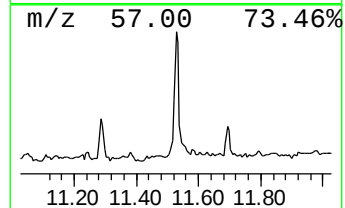
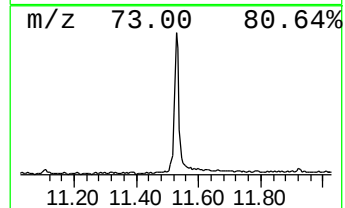
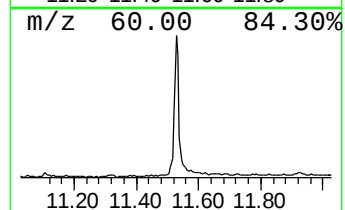
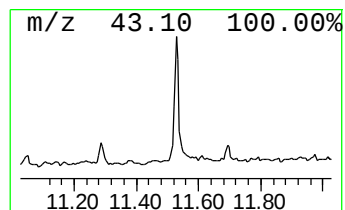
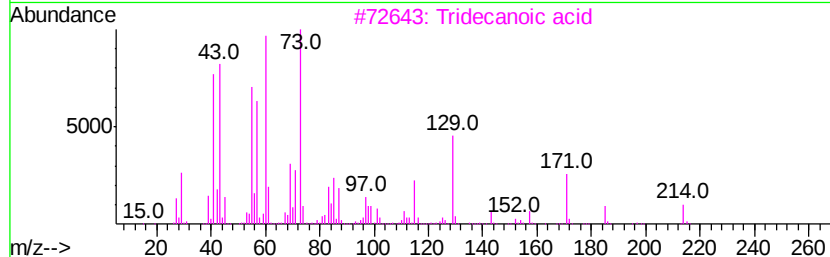
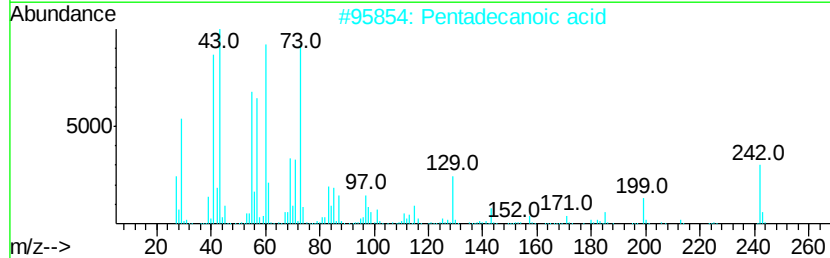
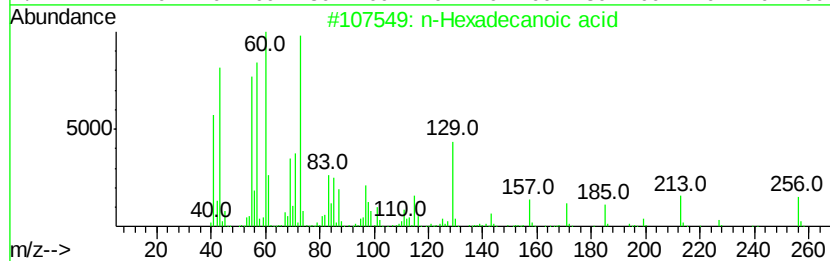
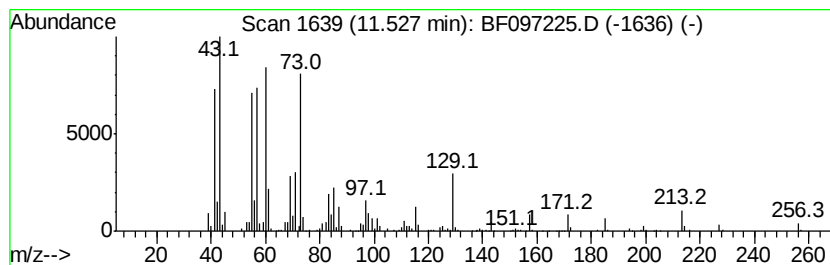
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	14.16 ng	441548	Phenanthrene-d10	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

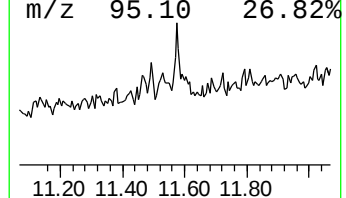
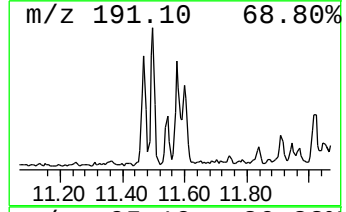
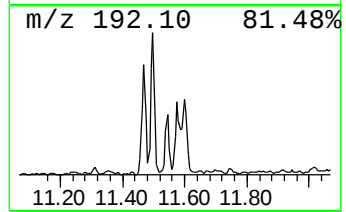
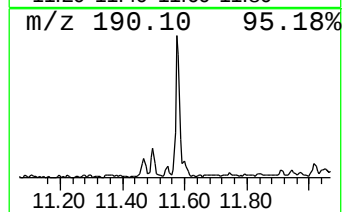
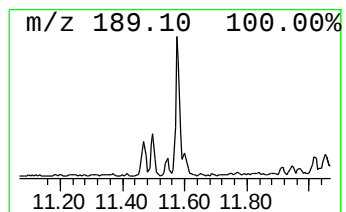
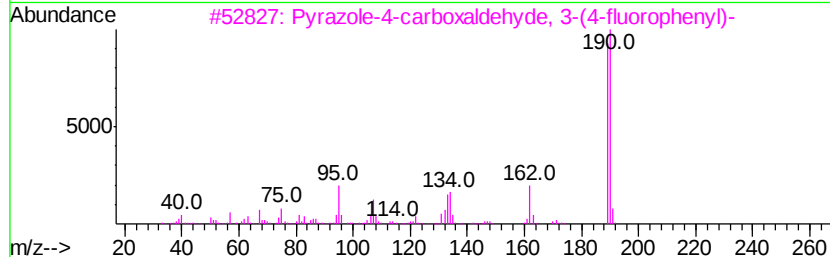
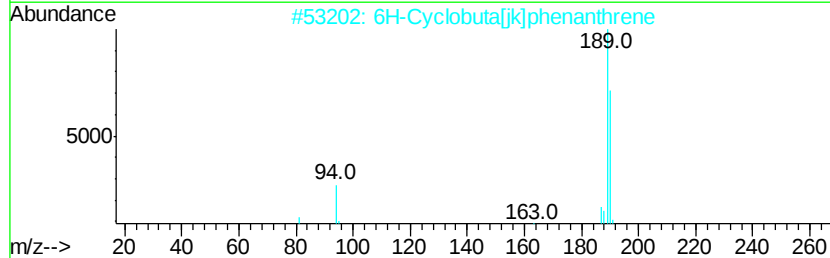
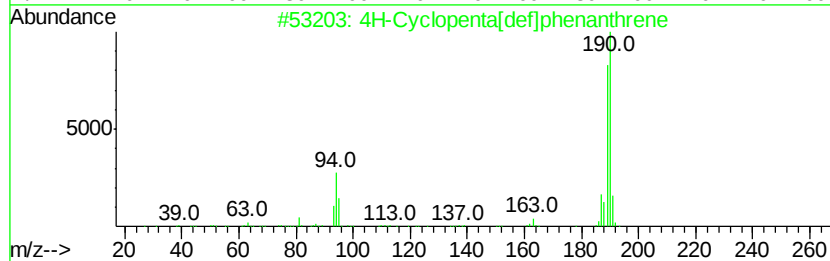
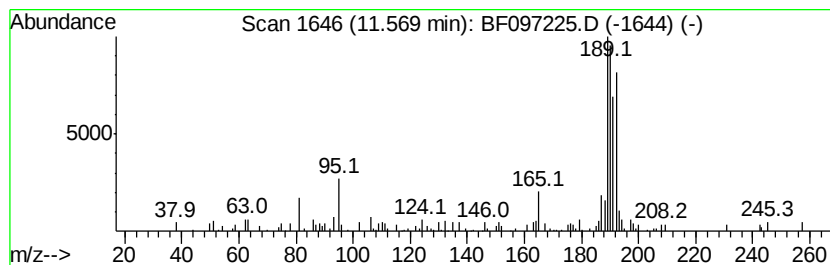
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.48 ng	108590	Phenanthrene-d10	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3		Pvrazole-4-carboxaldehve, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

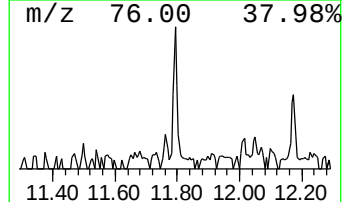
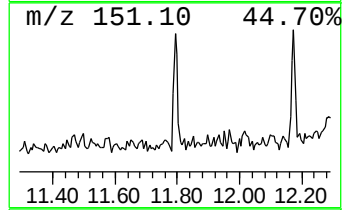
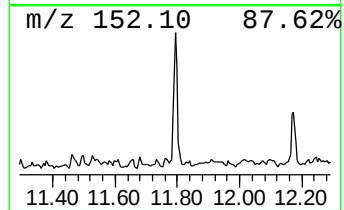
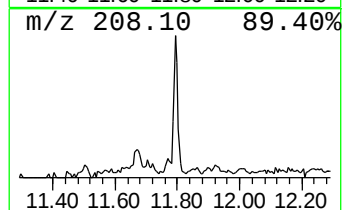
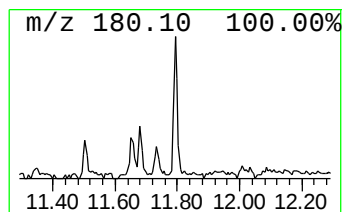
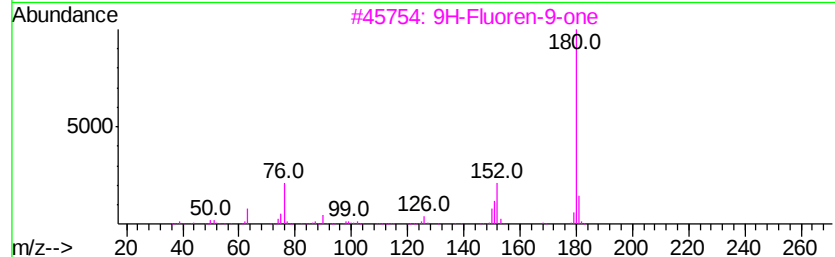
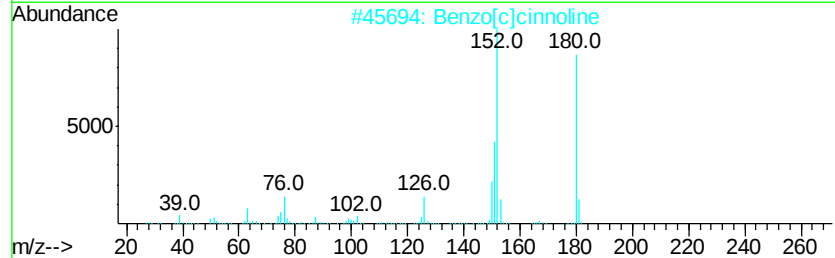
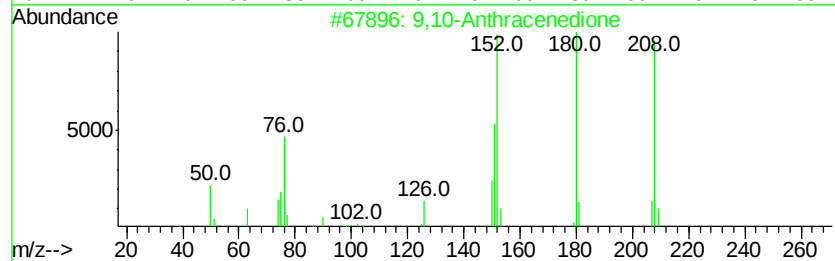
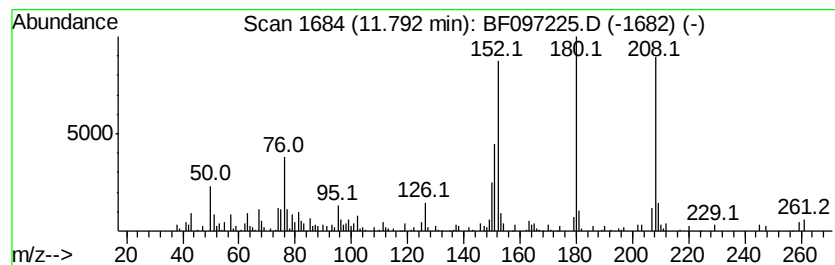
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.69 ng	83990	Phenanthrene-d10	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4			1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

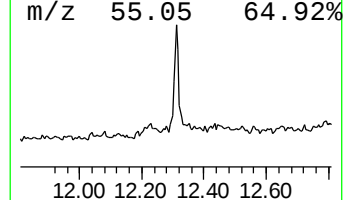
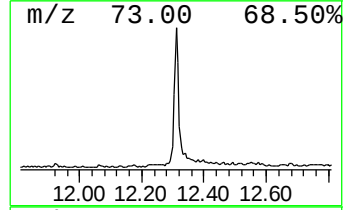
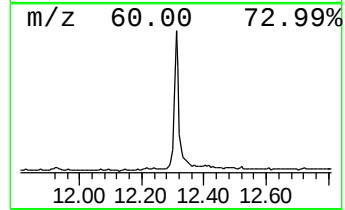
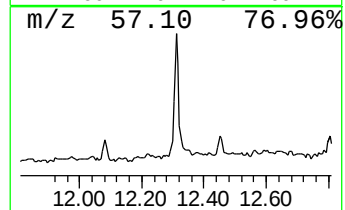
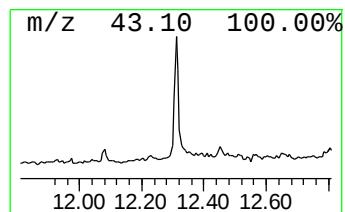
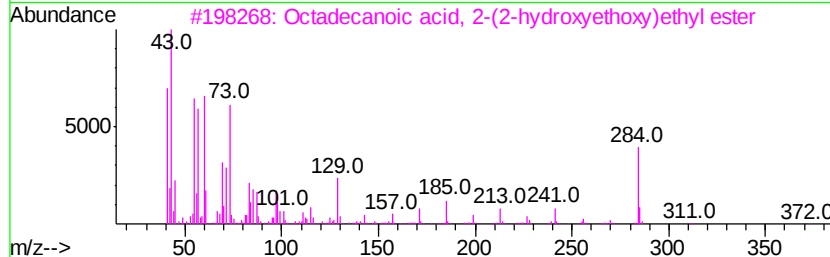
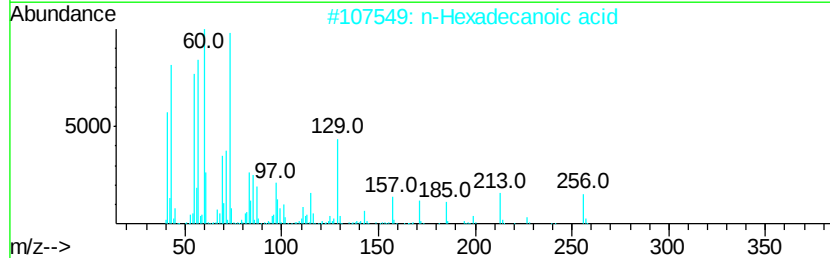
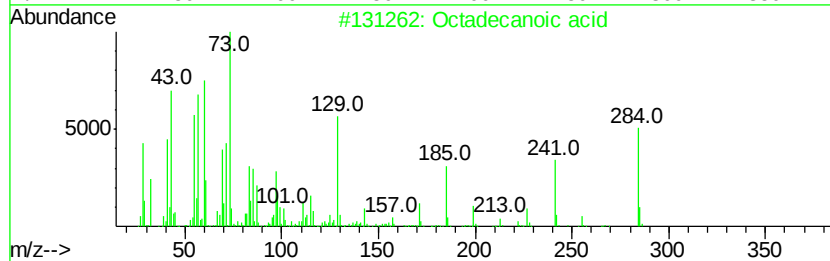
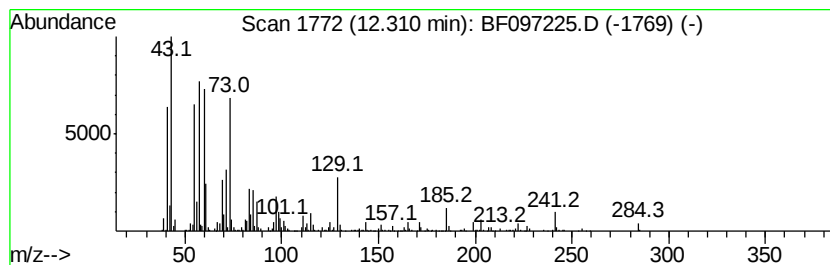
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	11.46 ng	566971	Chrysene-d12	13.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

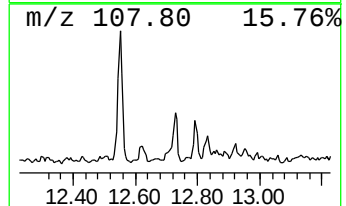
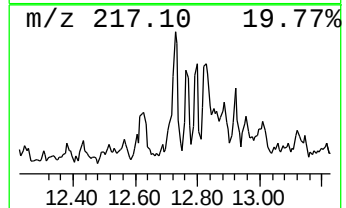
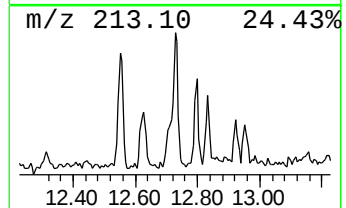
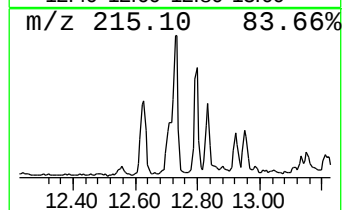
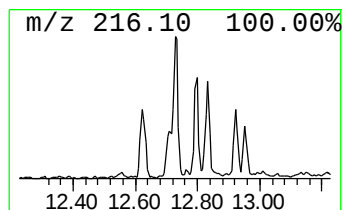
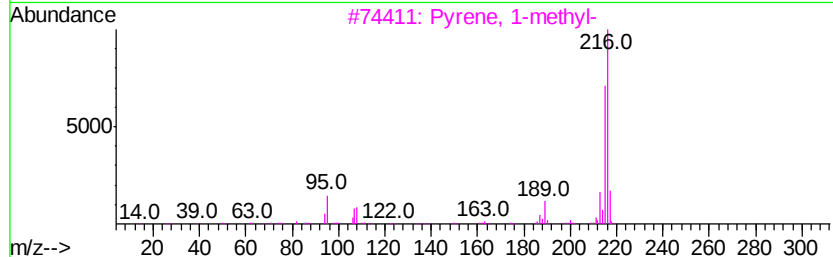
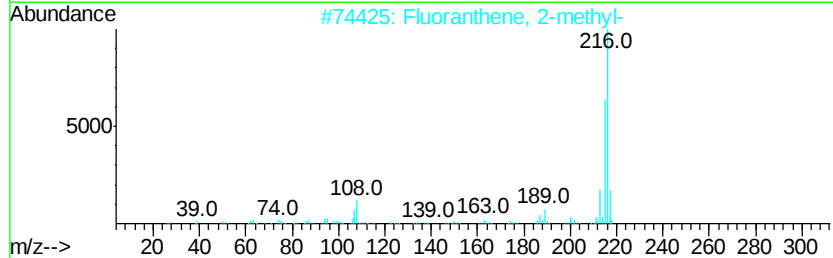
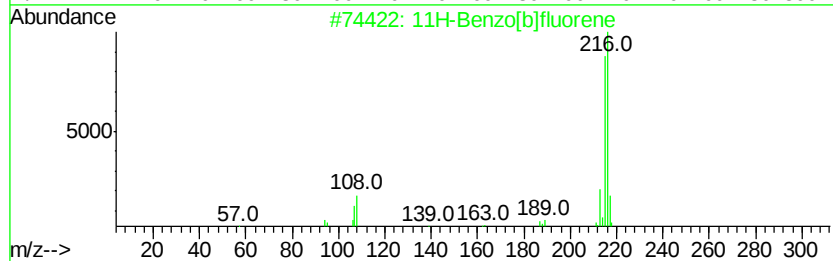
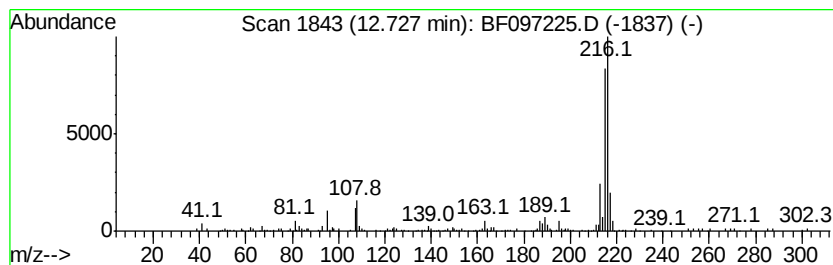
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.77 ng	186621	Chrysene-d12	13.59

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		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

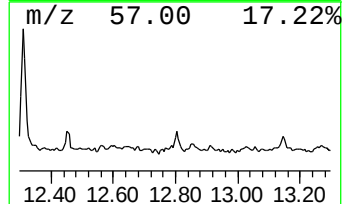
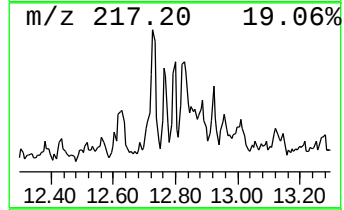
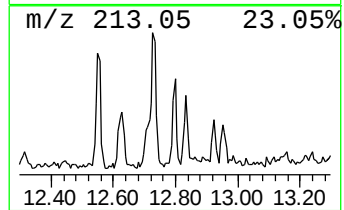
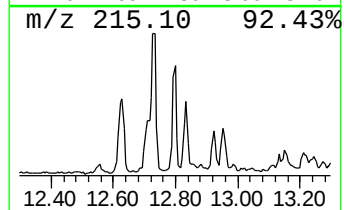
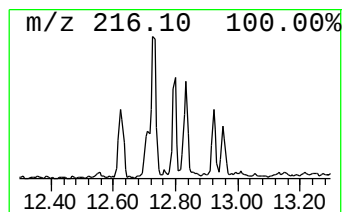
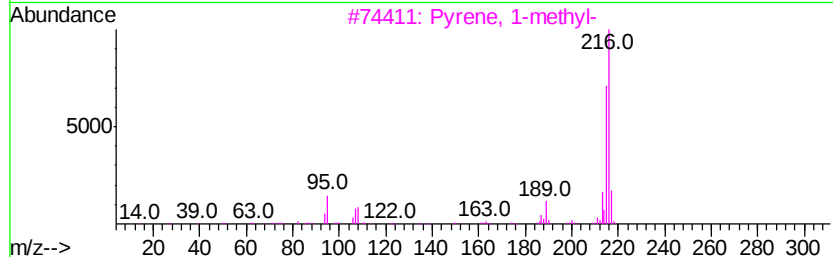
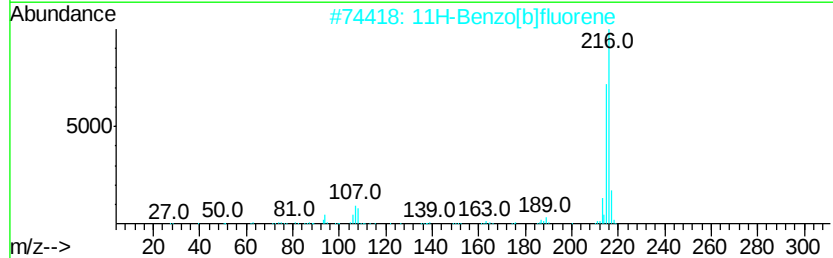
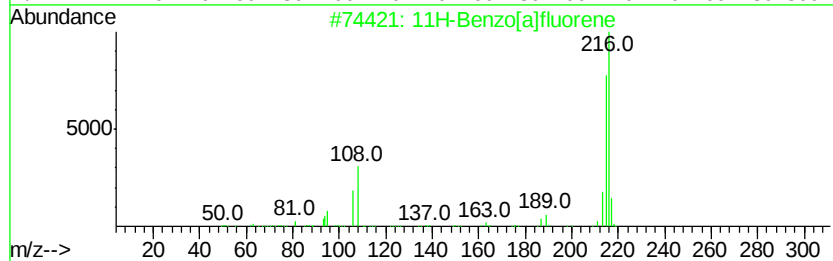
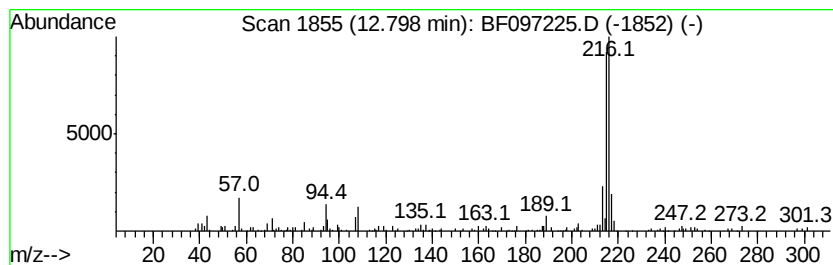
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.12 ng	104804	Chrysene-d12	13.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

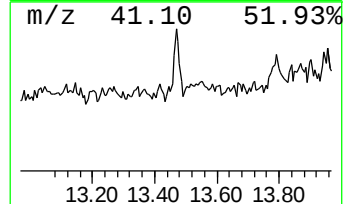
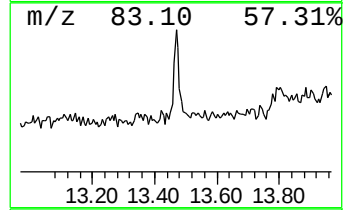
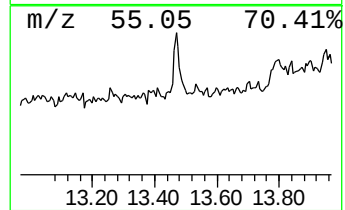
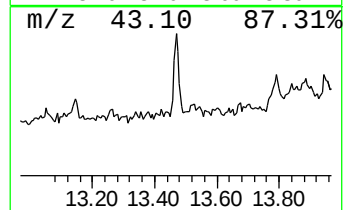
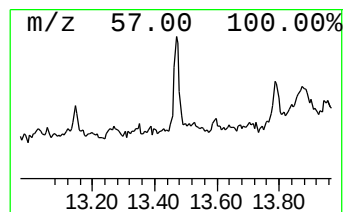
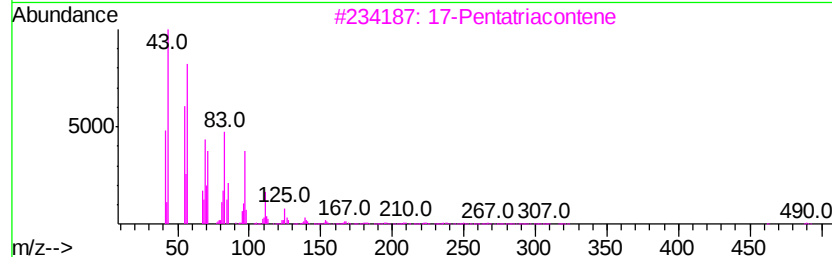
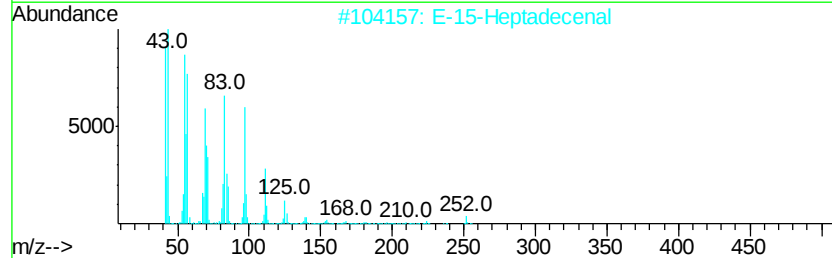
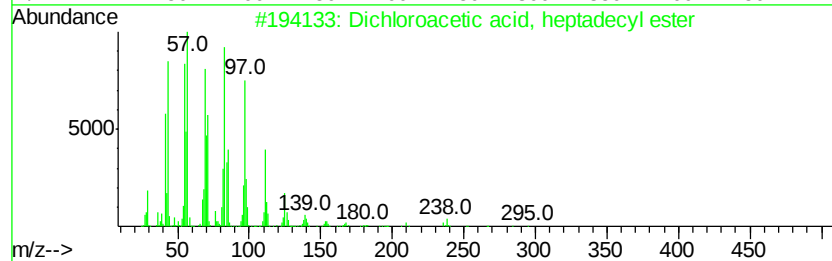
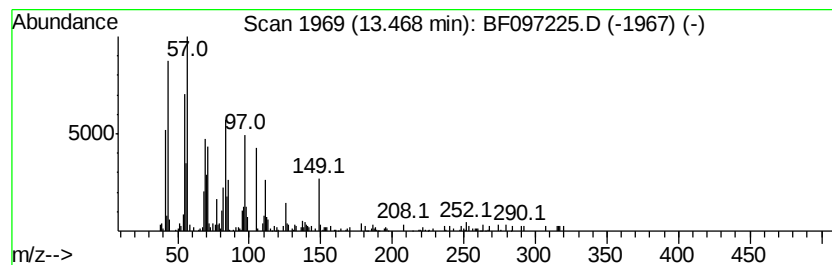
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dichloroacetic acid, heptad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.00 ng	148420	Chrysene-d12	13.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2			E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
3			17-Pentatriacontene	491	C35H70	006971-40-0	90
4			1-Octadecene	252	C18H36	000112-88-9	83
5			E-7-Octadecene	252	C18H36	1000130-92-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097225.D
Acq On : 1 Aug 2017 11:47
Operator : SJ/JU
Sample : I4456-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SS-3

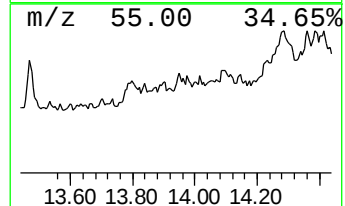
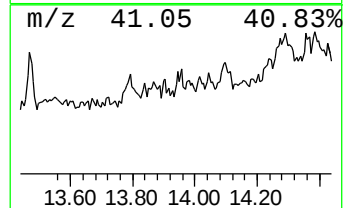
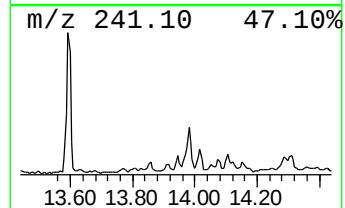
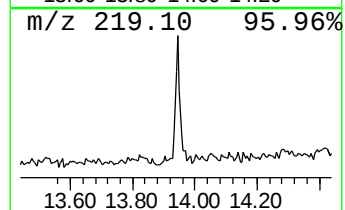
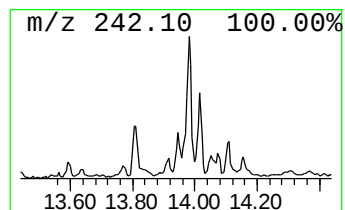
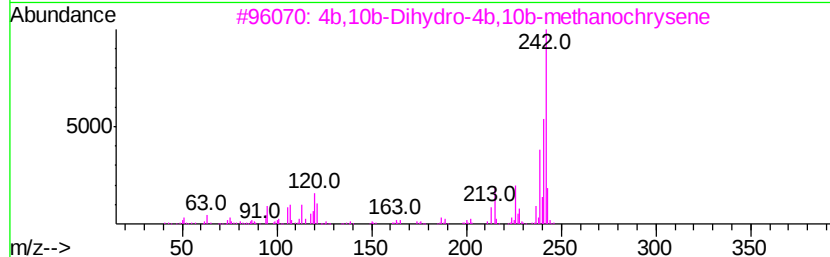
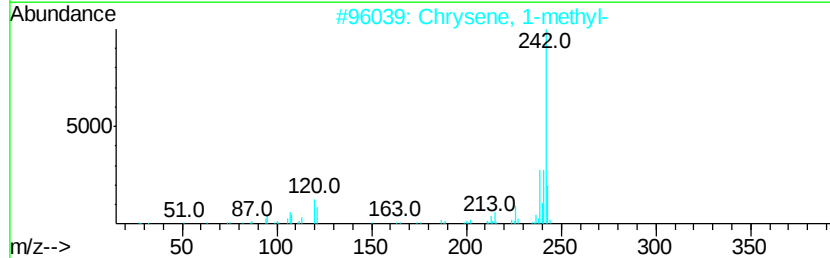
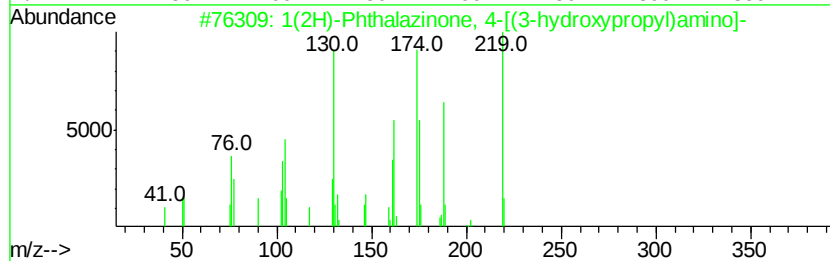
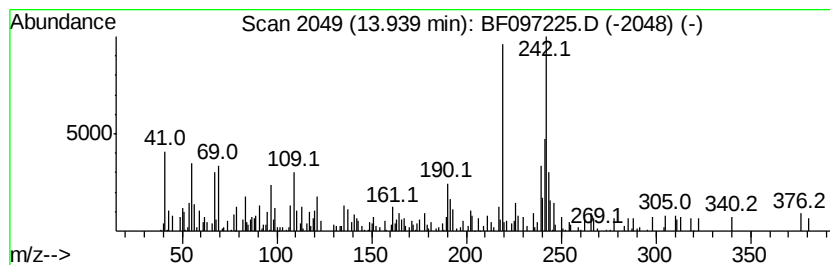
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1(2H)-Phthalazinone, 4-[(3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.33 ng	115261	Chrysene-d12	13.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Phthalazinone, 4-[(3-hydro...	219	C11H13N3O2	053442-56-1	60
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	46
3		4b,10b-Dihydro-4b,10b-methanochr...	242	C19H14	071949-03-6	45
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	45
5		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
 Data File : BF097225.D
 Acq On : 1 Aug 2017 11:47
 Operator : SJ/JU
 Sample : I4456-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-SS-3

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
2-Pentanone, 4-hy...	4.60	19.8	ng	723714	1	6.46	730690	20.0
unknown6.25	6.25	73.2	ng	2674710	1	6.46	730690	20.0
Nonanoic acid	9.74	3.9	ng	131708	3	9.49	674834	20.0
Heptacosane	10.42	4.3	ng	134749	4	10.97	623543	20.0
unknown10.86	10.86	2.4	ng	75878	4	10.97	623543	20.0
Tetradecane	11.29	2.0	ng	64047	4	10.97	623543	20.0
Anthracene, 2-met...	11.47	2.0	ng	63489	4	10.97	623543	20.0
Phenanthrene, 2-m...	11.50	3.0	ng	93632	4	10.97	623543	20.0
n-Hexadecanoic acid	11.53	14.2	ng	441548	4	10.97	623543	20.0
4H-Cyclopenta[def...	11.57	3.5	ng	108590	4	10.97	623543	20.0
9,10-Anthracenedione	11.79	2.7	ng	83990	4	10.97	623543	20.0
Octadecanoic acid	12.31	11.5	ng	566971	5	13.59	989390	20.0
11H-Benzo[b]fluorene	12.73	3.8	ng	186621	5	13.59	989390	20.0
11H-Benzo[a]fluorene	12.80	2.1	ng	104804	5	13.59	989390	20.0
Dichloroacetic ac...	13.47	3.0	ng	148420	5	13.59	989390	20.0
1(2H)-Phthalazino...	13.94	2.3	ng	115261	5	13.59	989390	20.0