

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097977.D
 Acq On : 23 Aug 2017 2:17
 Operator : SJ/JU
 Sample : I4910-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6-7

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-BF081517.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	175	177	198	rBV	48360	122676	3.45%	0.338%
2	4.951	483	487	500	rVB	305520	435719	12.27%	1.200%
3	5.363	551	557	560	rBV	3138221	3310618	93.22%	9.118%
4	6.392	726	732	736	rBV	3127234	3551465	100.00%	9.782%
5	6.522	749	754	757	rBV	3280882	3303846	93.03%	9.100%
6	6.751	789	793	796	rBV	968039	833862	23.48%	2.297%
7	6.904	815	819	822	rBV	2674576	2579977	72.65%	7.106%
8	6.928	822	823	827	rVB	112504	68817	1.94%	0.190%
9	7.316	881	889	892	rBV	2252089	2211512	62.27%	6.091%
10	7.410	900	905	908	rBV2	55395	69442	1.96%	0.191%
11	8.033	1006	1011	1013	rBV	1234290	1142882	32.18%	3.148%
12	8.051	1013	1014	1018	rVV	568722	363625	10.24%	1.002%
13	8.104	1020	1023	1025	rVB	65352	54624	1.54%	0.150%
14	8.745	1128	1132	1135	rVB	253090	221024	6.22%	0.609%
15	8.839	1144	1148	1152	rVB	217765	194366	5.47%	0.535%
16	9.110	1189	1194	1197	rBV	3615246	3298711	92.88%	9.086%
17	9.204	1203	1210	1213	rBV2	72469	91635	2.58%	0.252%
18	9.304	1224	1227	1231	rVB	33316	39762	1.12%	0.110%
19	9.374	1233	1239	1242	rBV	75576	101409	2.86%	0.279%
20	9.445	1247	1251	1253	rVV	110646	115002	3.24%	0.317%
21	9.469	1253	1255	1257	rVV	78051	61122	1.72%	0.168%
22	9.504	1257	1261	1265	rVV	623760	545475	15.36%	1.502%
23	9.557	1267	1270	1275	rVB	52919	61157	1.72%	0.168%
24	9.645	1281	1285	1290	rVB	87350	78853	2.22%	0.217%
25	9.722	1296	1298	1302	rVB	50815	37264	1.05%	0.103%
26	9.786	1302	1309	1312	rBV	1131816	1074185	30.25%	2.959%
27	9.816	1312	1314	1318	rVV	228275	174418	4.91%	0.480%
28	9.939	1330	1335	1338	rBV4	23345	36842	1.04%	0.101%
29	9.986	1340	1343	1346	rVB	201619	160409	4.52%	0.442%
30	10.192	1373	1378	1379	rBV2	39949	41304	1.16%	0.114%
31	10.221	1380	1383	1389	rVB2	68117	66247	1.87%	0.182%
32	10.327	1398	1401	1407	rVB	261668	224454	6.32%	0.618%
33	10.486	1425	1428	1432	rVB	44448	41510	1.17%	0.114%
34	10.569	1437	1442	1446	rBV	1631205	1609367	45.32%	4.433%

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Integrator: RTE

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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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.692	1460	1463	1471	rVB	135171	156330	4.40%	0.431%
36	10.874	1490	1494	1497	rBV3	39336	53463	1.51%	0.147%
37	10.904	1497	1499	1505	rVB3	35188	41741	1.18%	0.115%
38	11.139	1537	1539	1541	rBV	71156	58084	1.64%	0.160%
39	11.163	1541	1543	1549	rVB2	86339	97356	2.74%	0.268%
40	11.263	1557	1560	1563	rBV	917975	942014	26.52%	2.595%
41	11.286	1563	1564	1568	rVV	653435	472444	13.30%	1.301%
42	11.339	1568	1573	1576	rVB	191554	172797	4.87%	0.476%
43	11.492	1596	1599	1602	rBV	76061	69308	1.95%	0.191%
44	11.563	1609	1611	1614	rBV	49709	39632	1.12%	0.109%
45	11.763	1642	1645	1648	rBV	97006	98417	2.77%	0.271%
46	11.792	1648	1650	1655	rVB	144332	116424	3.28%	0.321%
47	11.839	1655	1658	1660	rBV2	56254	48487	1.37%	0.134%
48	11.874	1661	1664	1667	rVV	198703	218106	6.14%	0.601%
49	11.898	1667	1668	1673	rVB	82434	53356	1.50%	0.147%
50	12.063	1693	1696	1698	rBV	59706	55867	1.57%	0.154%
51	12.315	1735	1739	1742	rBV	92081	98298	2.77%	0.271%
52	12.351	1742	1745	1750	rVB3	65710	106227	2.99%	0.293%
53	12.398	1750	1753	1757	rBV2	49667	64853	1.83%	0.179%
54	12.474	1762	1766	1769	rBV	659032	553659	15.59%	1.525%
55	12.704	1799	1805	1807	rBV	609273	607707	17.11%	1.674%
56	12.762	1812	1815	1819	rVB2	43453	56941	1.60%	0.157%
57	12.851	1826	1830	1834	rBV	2217770	2195681	61.82%	6.047%
58	12.921	1839	1842	1845	rVV2	55614	67614	1.90%	0.186%
59	13.027	1858	1860	1863	rVB	126004	128619	3.62%	0.354%
60	13.098	1869	1872	1875	rVB	111515	98602	2.78%	0.272%
61	13.133	1875	1878	1881	rBV2	116114	113785	3.20%	0.313%
62	13.227	1891	1894	1896	rVB	83577	71621	2.02%	0.197%
63	13.257	1896	1899	1903	rBV	86940	69718	1.96%	0.192%
64	13.651	1961	1966	1968	rBV3	58125	94676	2.67%	0.261%
65	13.751	1980	1983	1986	rVB3	120389	113932	3.21%	0.314%
66	13.898	2003	2008	2011	rBV2	905100	1082351	30.48%	2.981%
67	13.921	2011	2012	2019	rVB	291347	225990	6.36%	0.622%
68	14.004	2024	2026	2029	rVB2	64041	50938	1.43%	0.140%
69	14.315	2077	2079	2083	rBV	47442	42251	1.19%	0.116%
70	14.409	2092	2095	2097	rBV	52070	57863	1.63%	0.159%
71	14.915	2177	2181	2184	rBV	253091	368686	10.38%	1.015%

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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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.204	2227	2230	2235	rVB	160113	179655	5.06%	0.495%
73	15.262	2236	2240	2246	rBV	211868	250147	7.04%	0.689%
74	15.321	2246	2250	2254	rBV	498424	590121	16.62%	1.625%

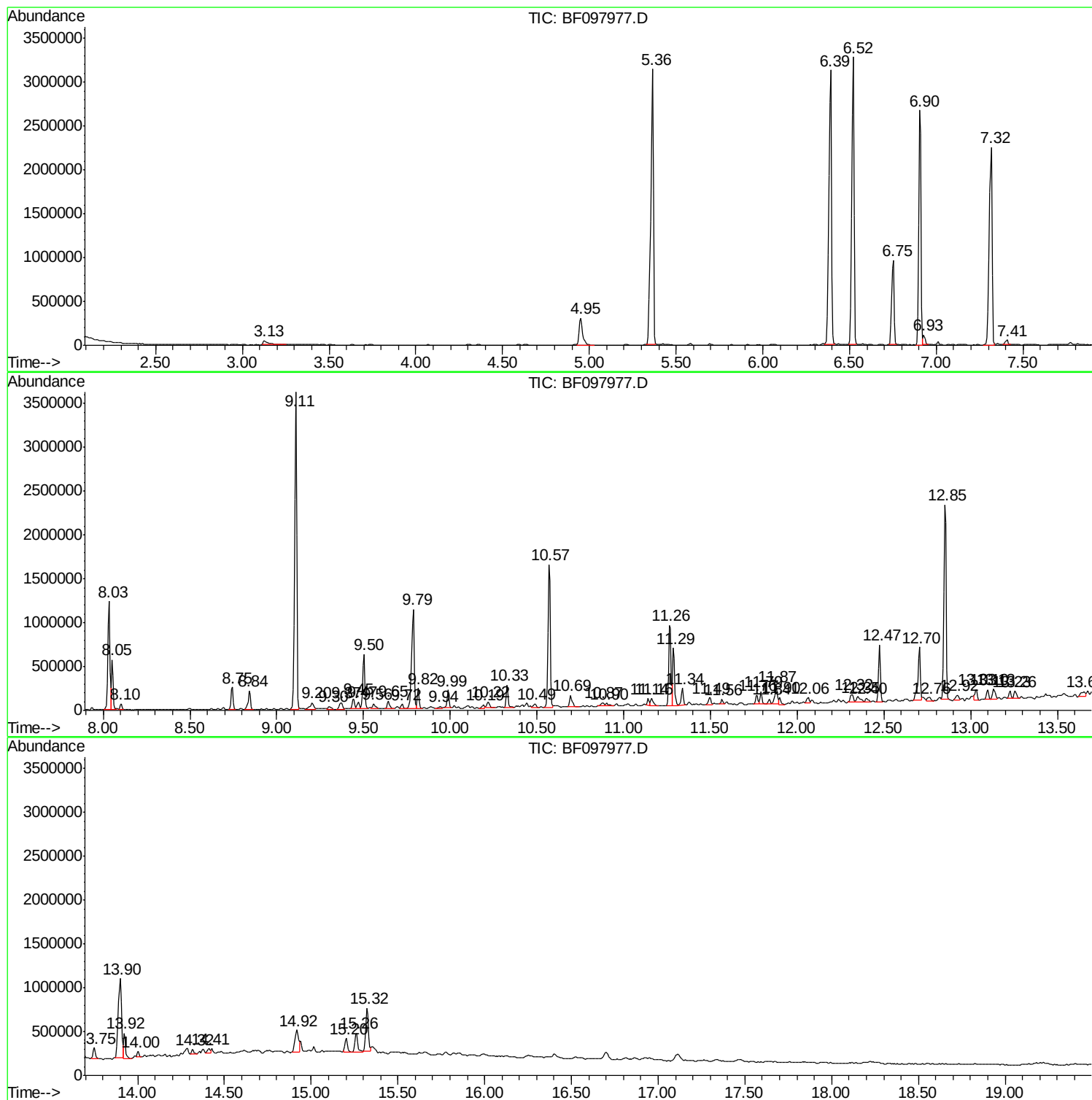
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Misc :
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Instrument :
BNA_F
ClientSampled :
SP-6-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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Sample : I4910-03
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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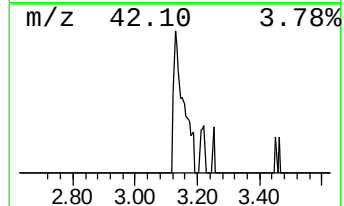
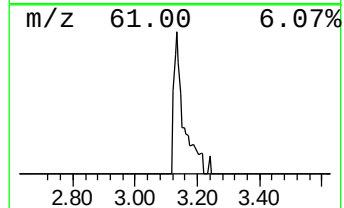
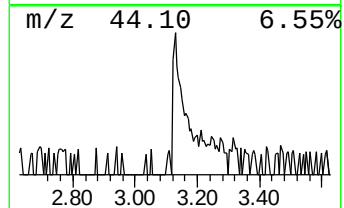
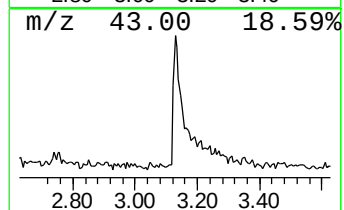
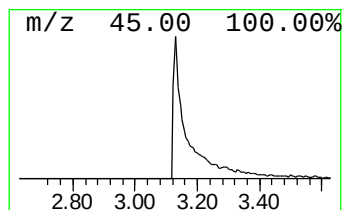
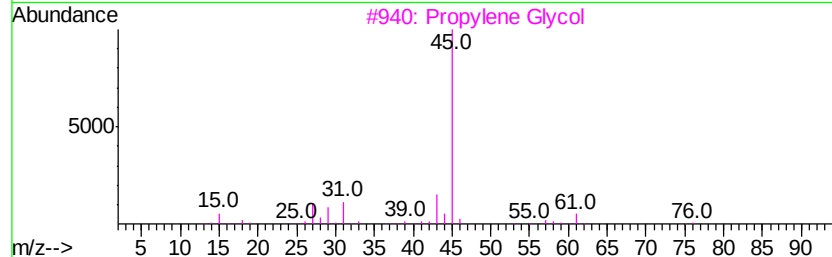
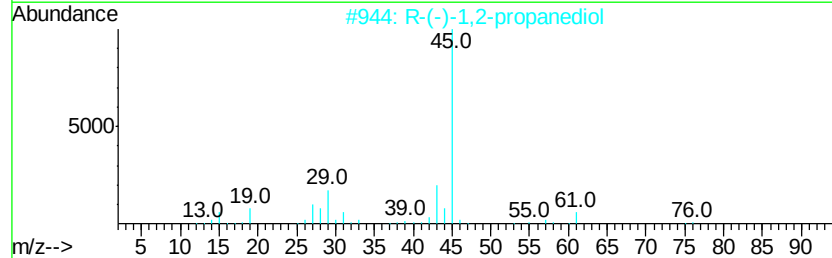
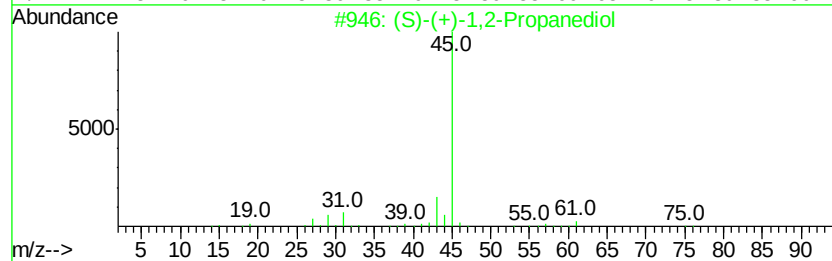
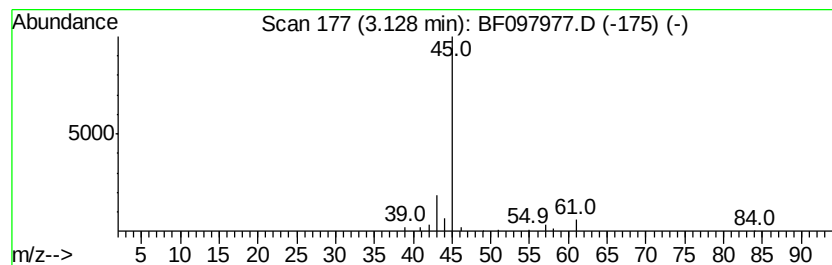
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.13 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	2.94 ng	122676	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3		Propylene Glycol	76	C3H8O2	000057-55-6	9
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Formamide	45	CH3NO	000075-12-7	7



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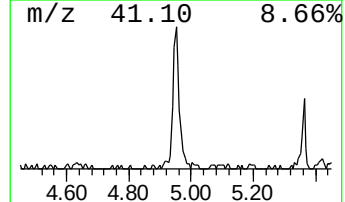
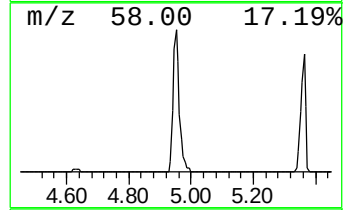
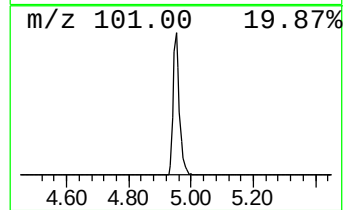
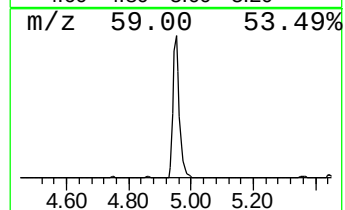
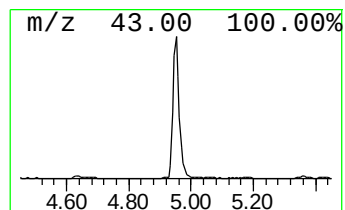
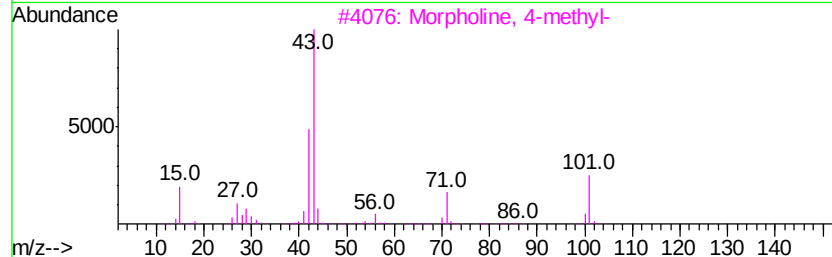
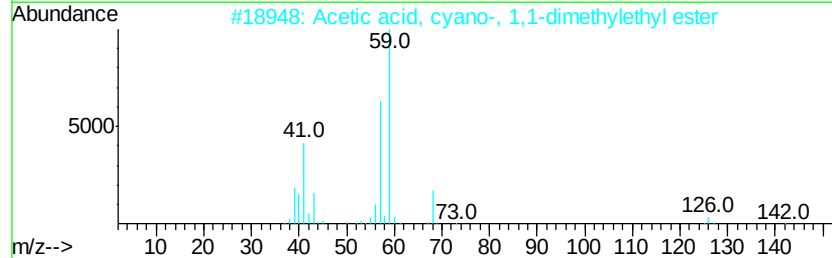
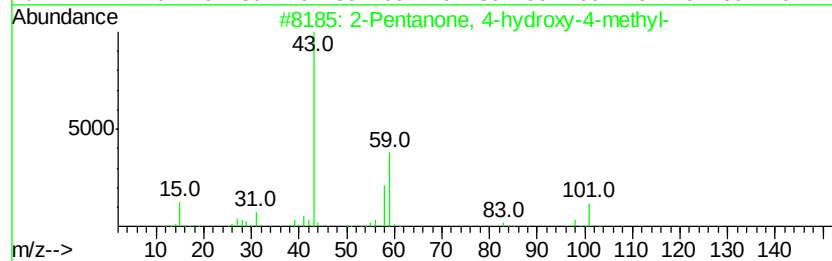
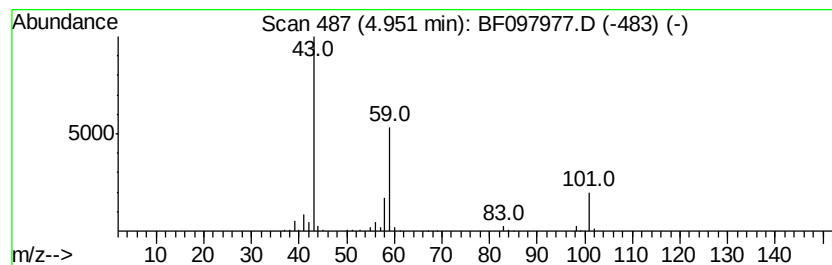
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	10.45 ng	435719	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9
5		N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9



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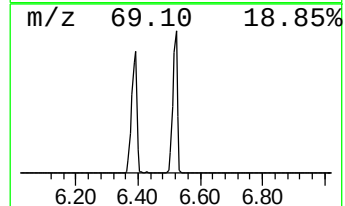
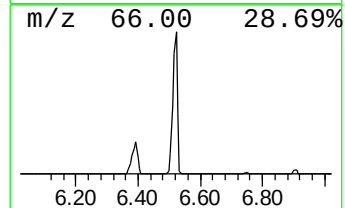
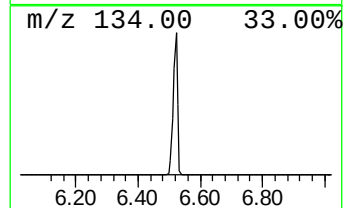
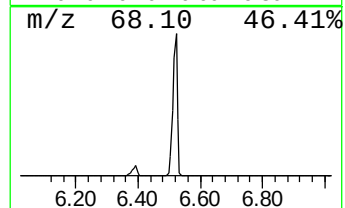
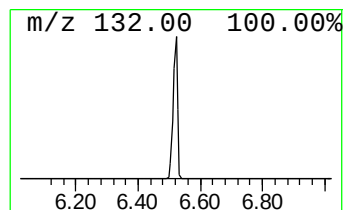
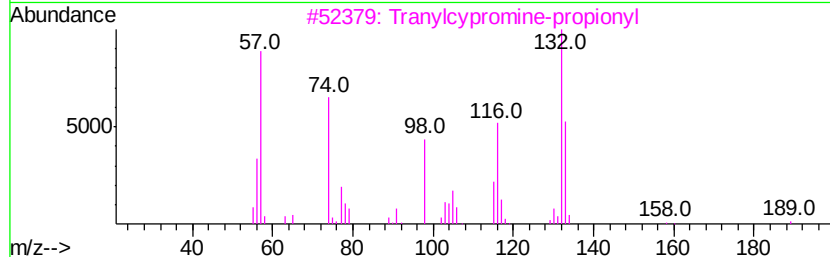
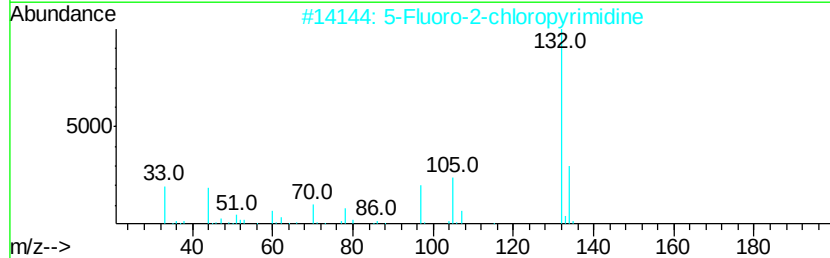
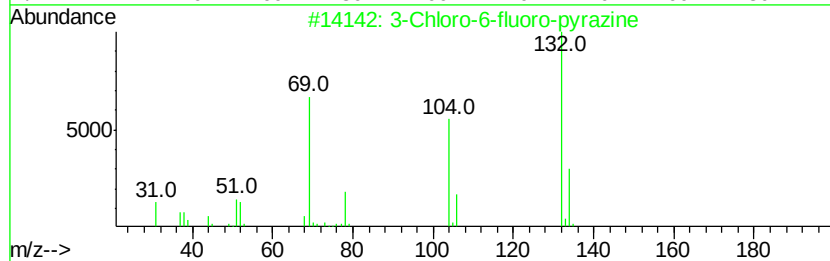
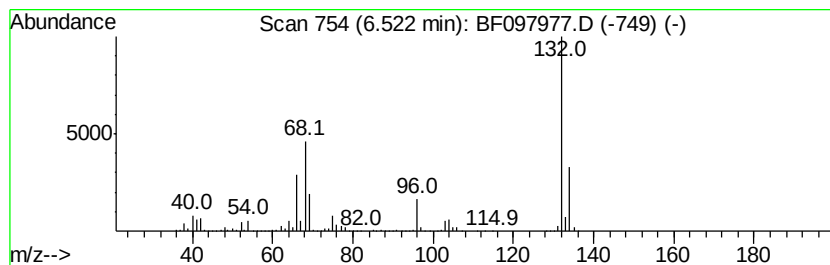
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	79.24 ng	3303850	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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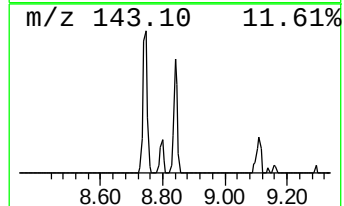
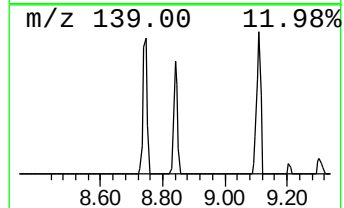
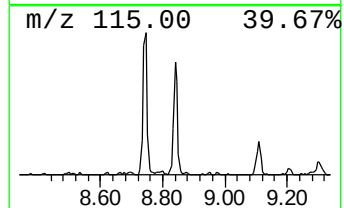
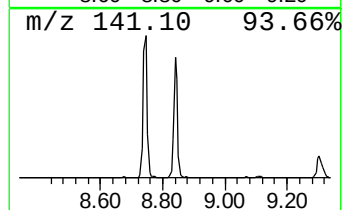
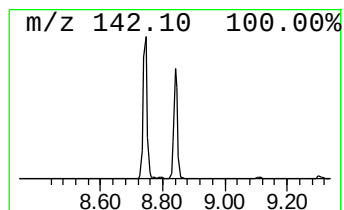
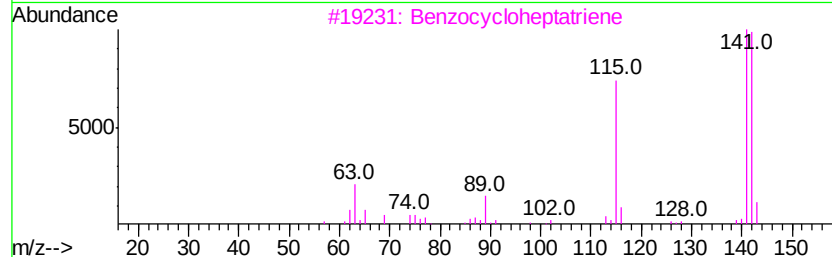
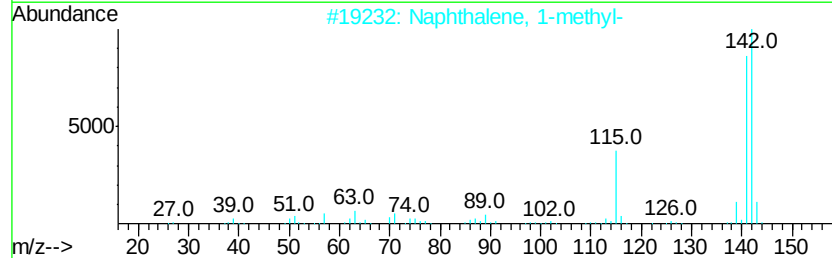
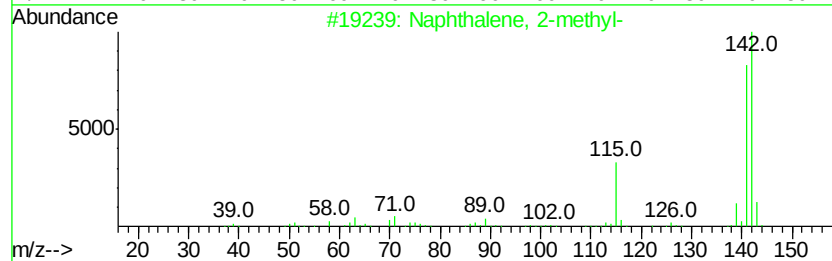
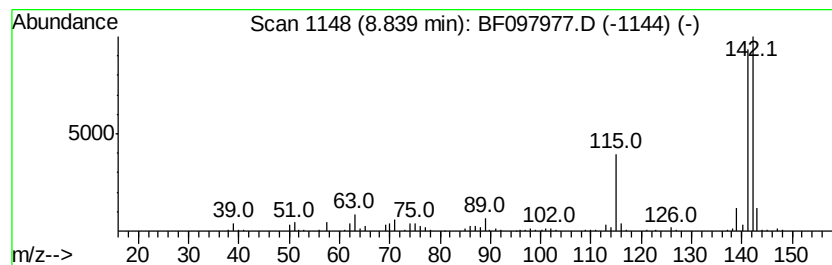
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ClientSampleId :
SP-6-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.84	3.40 ng	194366	Naphthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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Acq On : 23 Aug 2017 2:17
Operator : SJ/JU
Sample : I4910-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

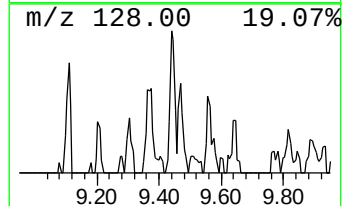
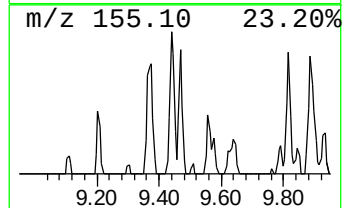
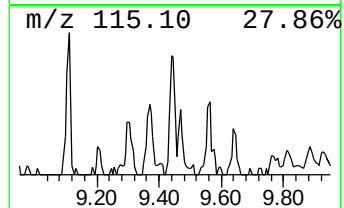
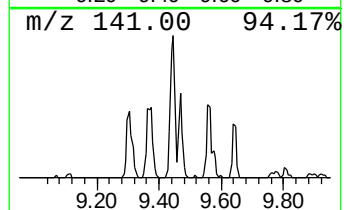
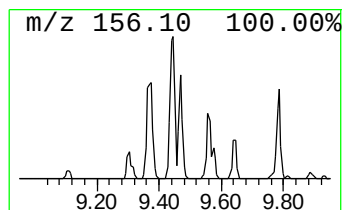
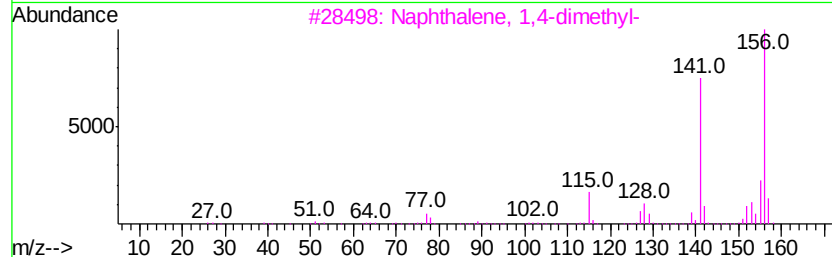
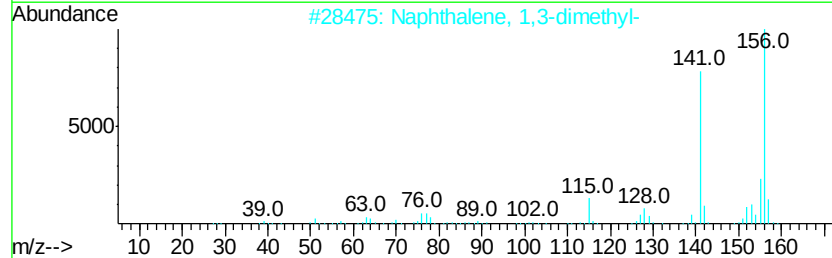
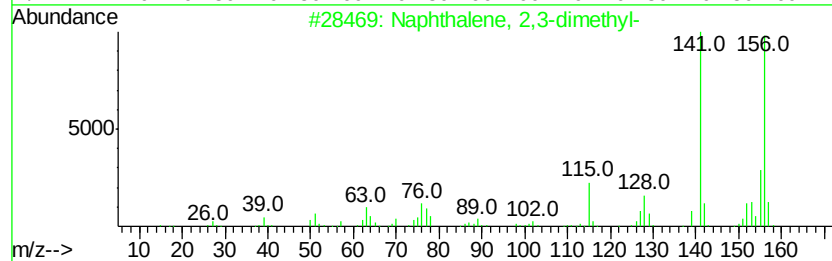
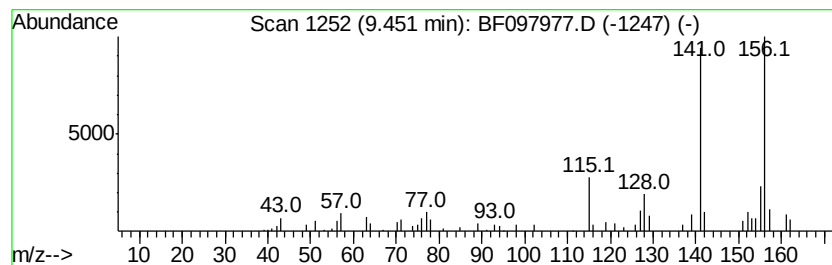
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.14 ng	115002	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082217\
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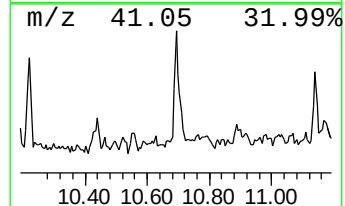
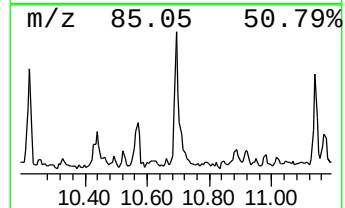
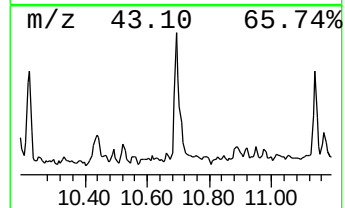
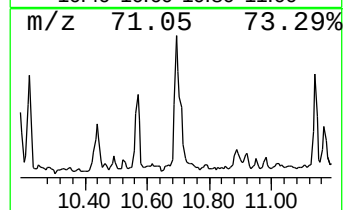
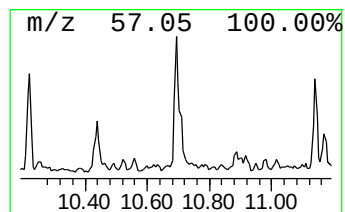
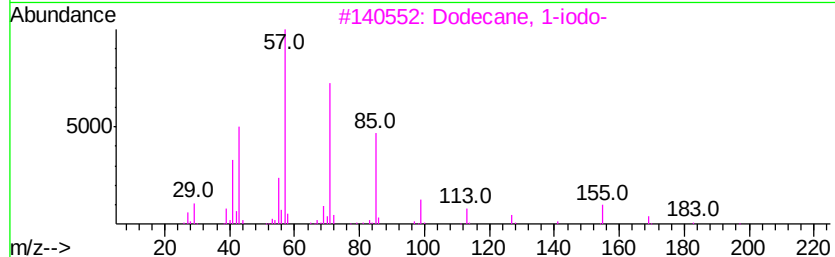
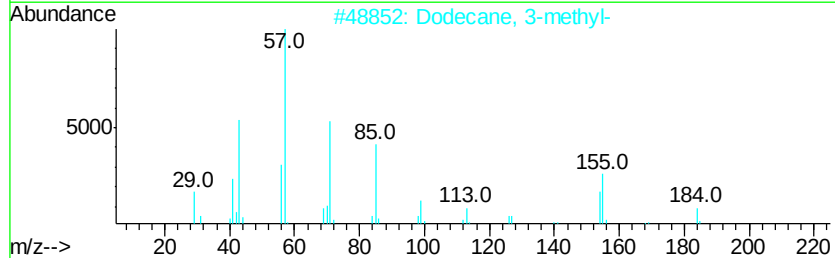
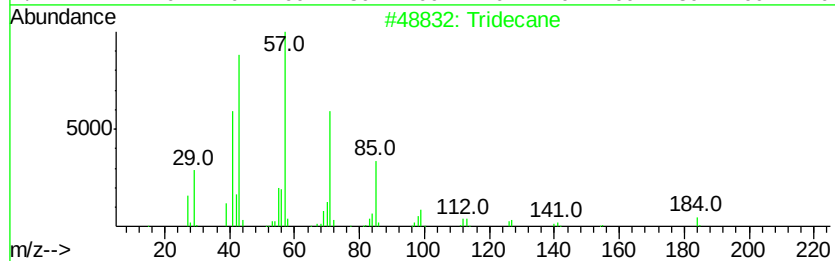
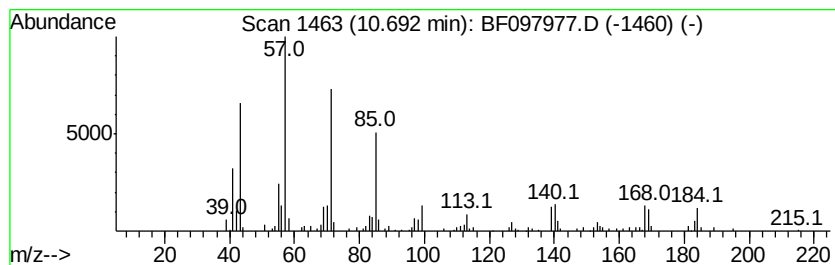
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	3.32 ng	156330	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	89
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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Operator : SJ/JU
Sample : I4910-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

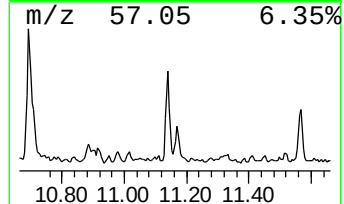
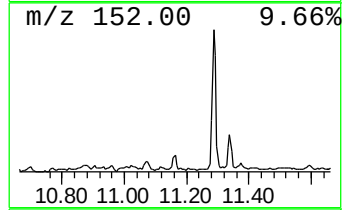
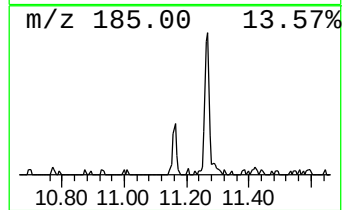
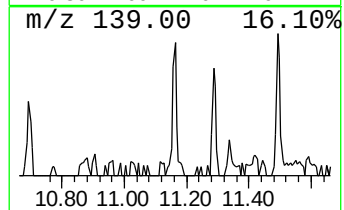
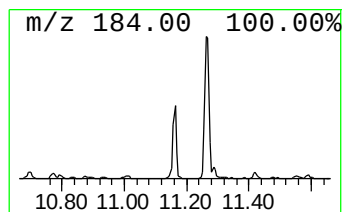
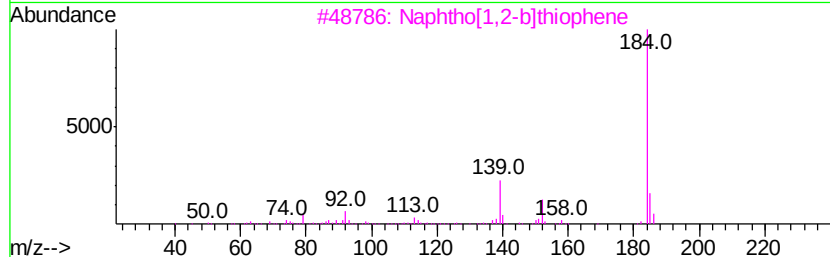
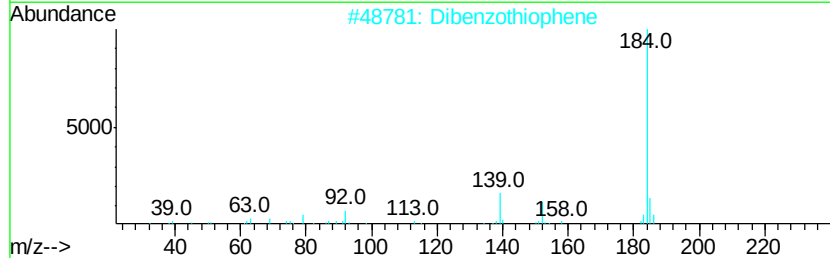
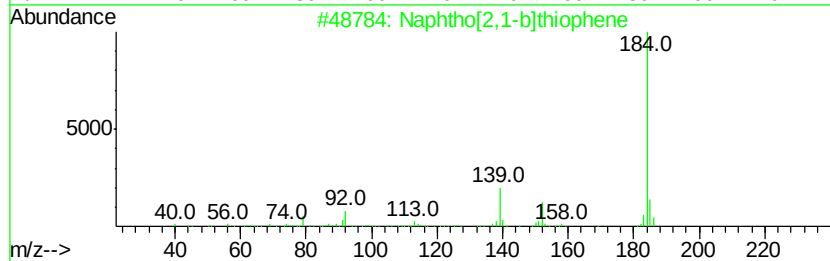
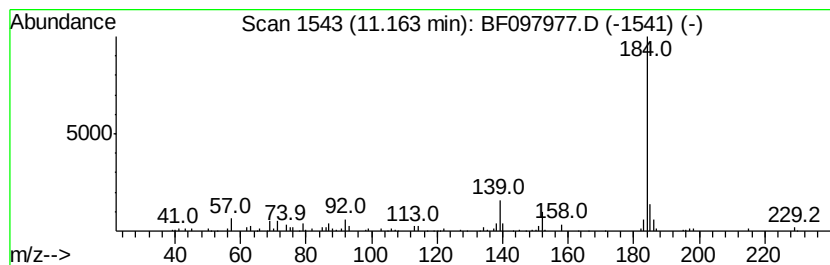
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.16	2.07 ng	97356	Phenanthrene-d10		11.26		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	94
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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Acq On : 23 Aug 2017 2:17
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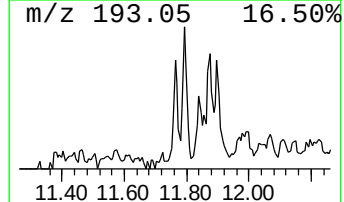
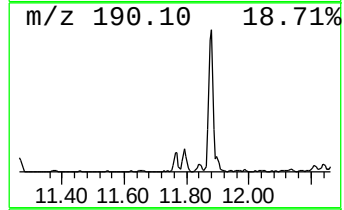
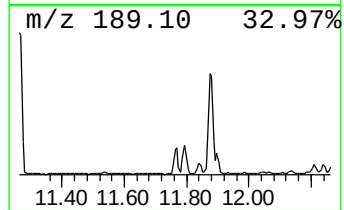
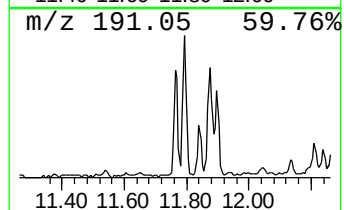
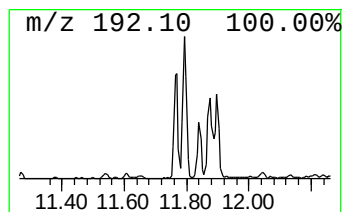
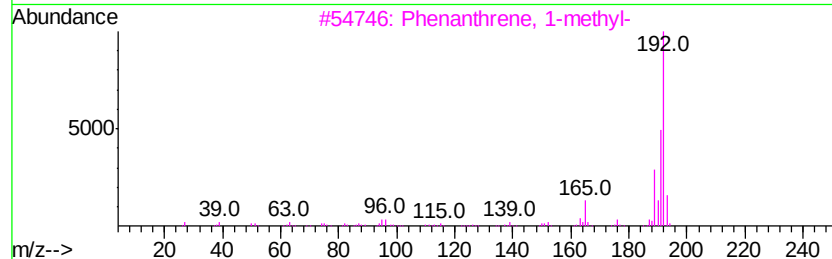
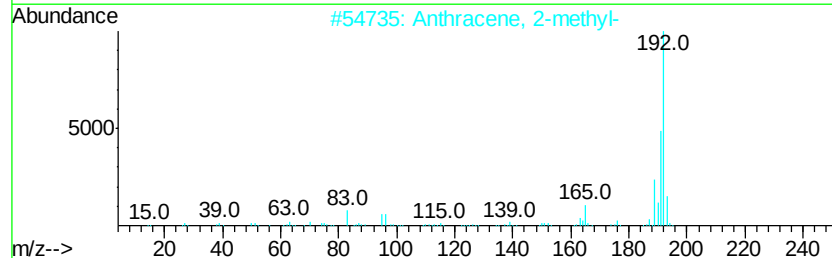
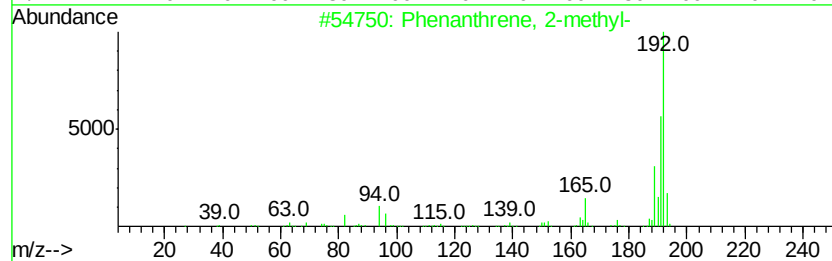
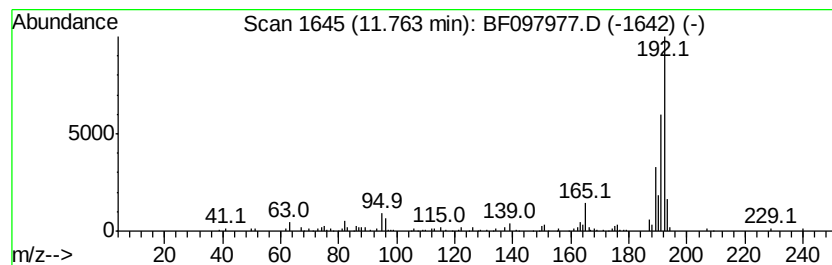
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.09 ng	98417	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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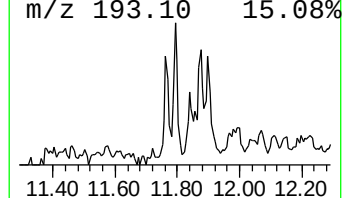
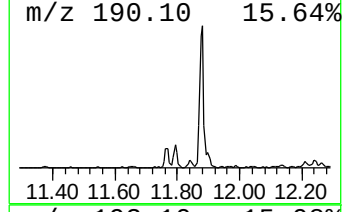
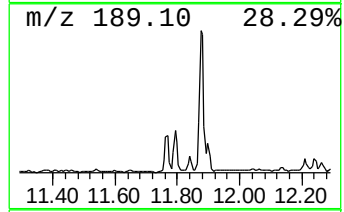
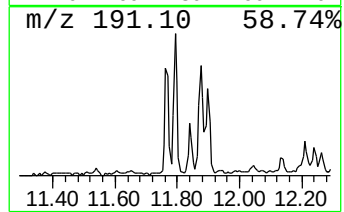
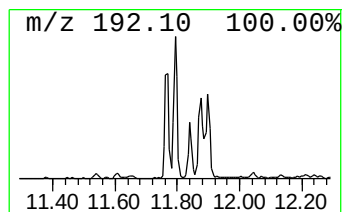
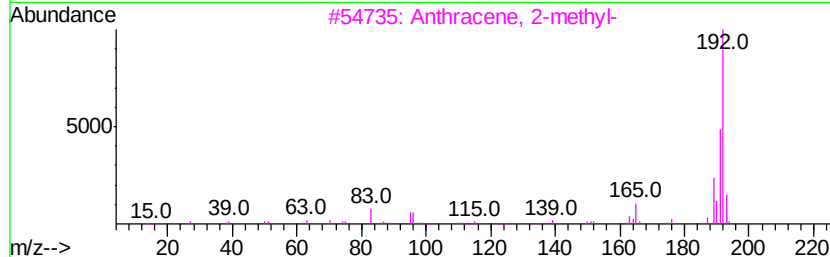
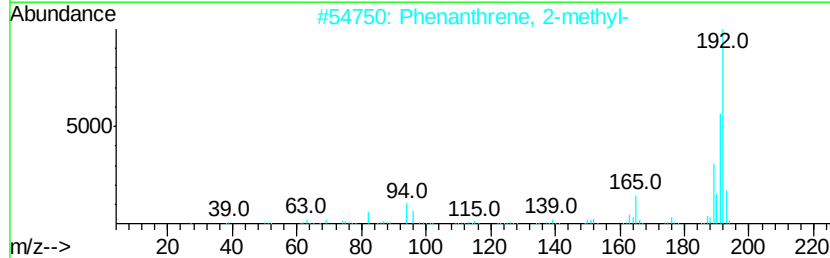
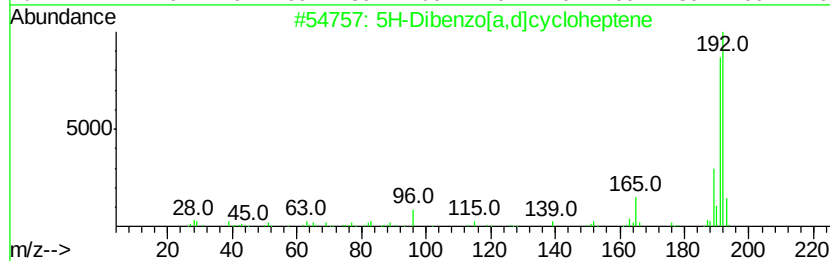
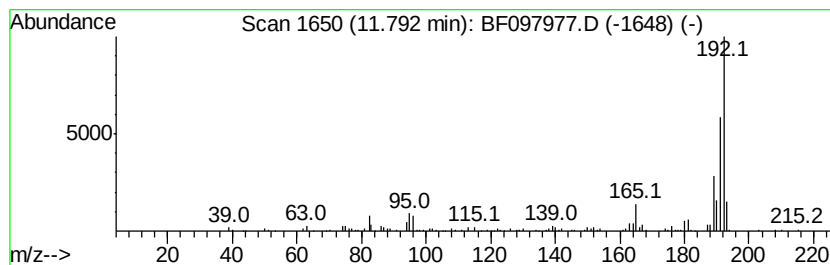
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.47 ng	116424	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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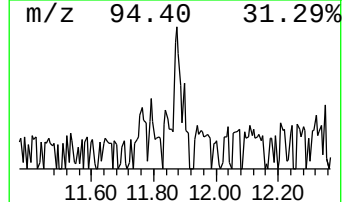
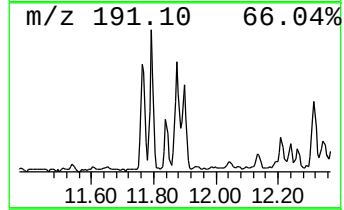
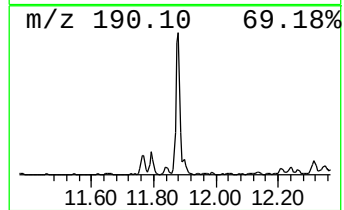
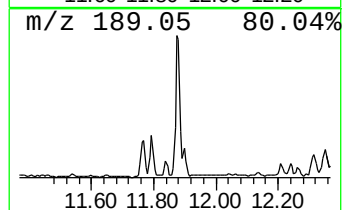
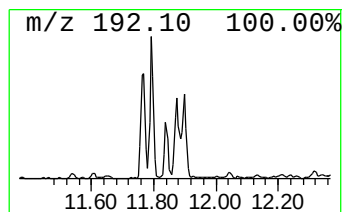
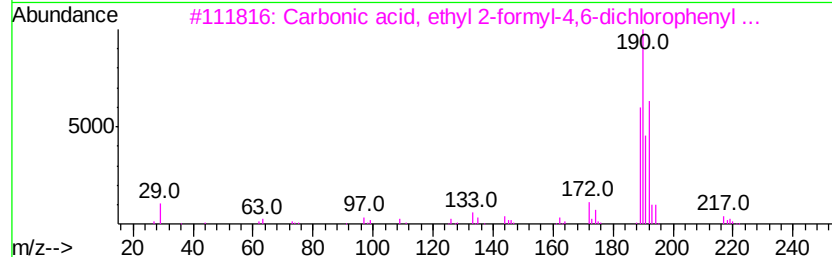
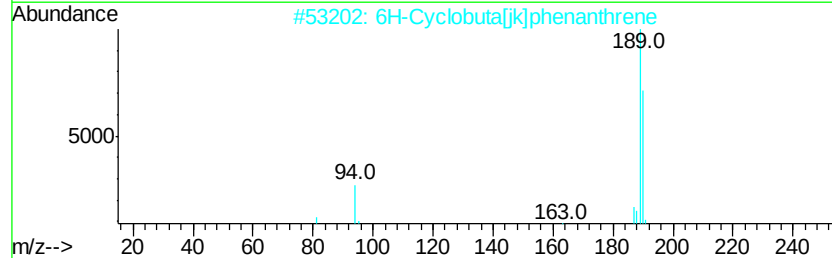
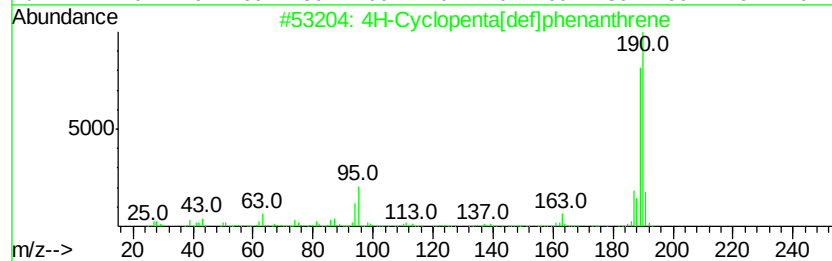
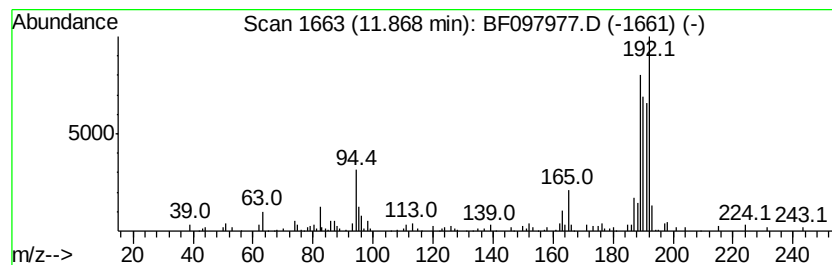
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	4.63 ng	218106	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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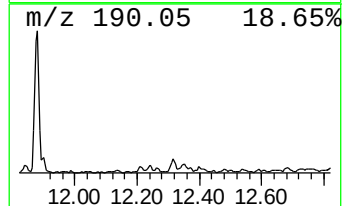
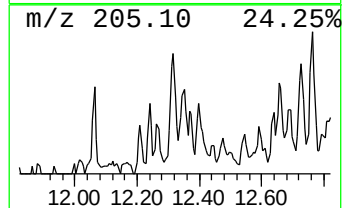
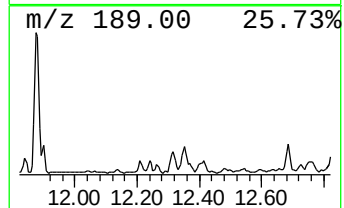
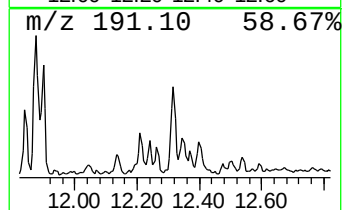
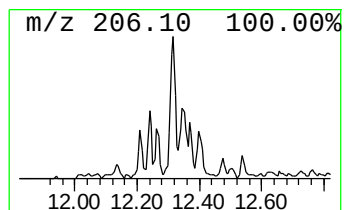
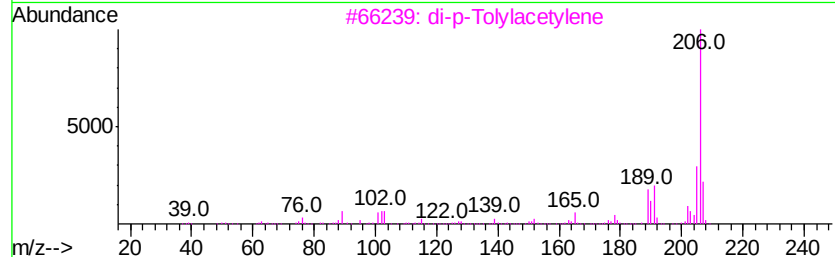
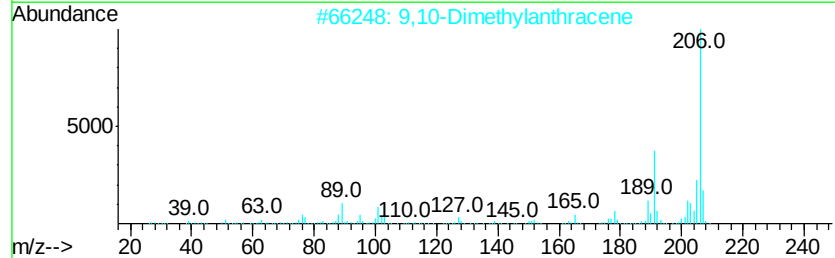
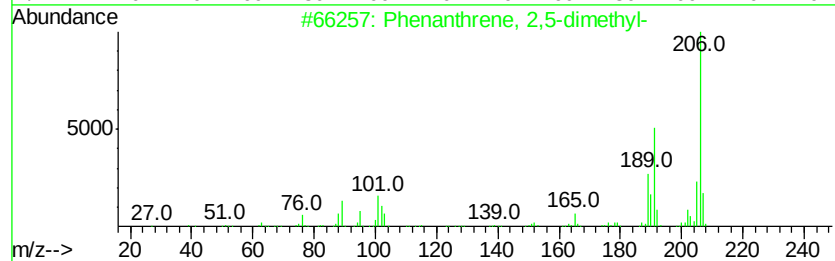
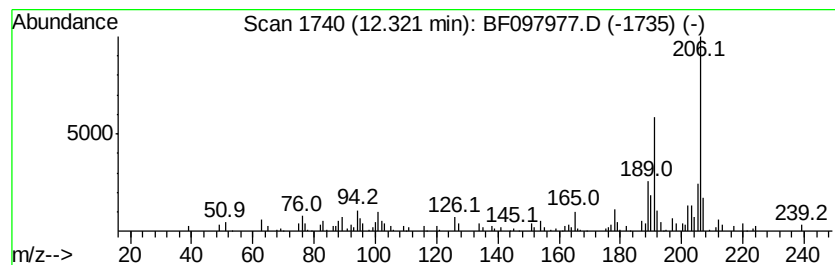
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.09 ng	98298	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097977.D
Acq On : 23 Aug 2017 2:17
Operator : SJ/JU
Sample : I4910-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-6-7

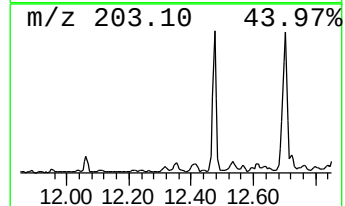
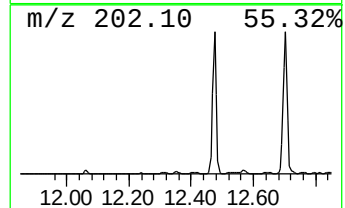
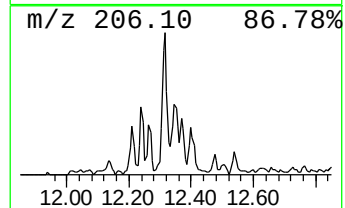
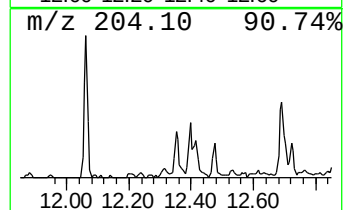
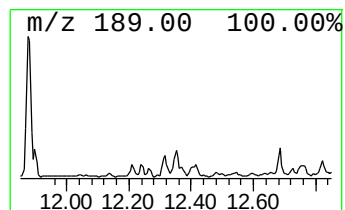
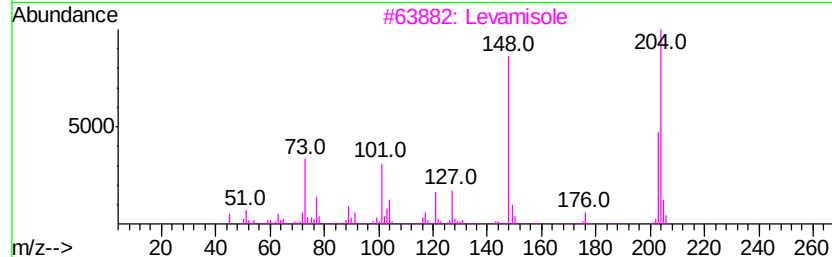
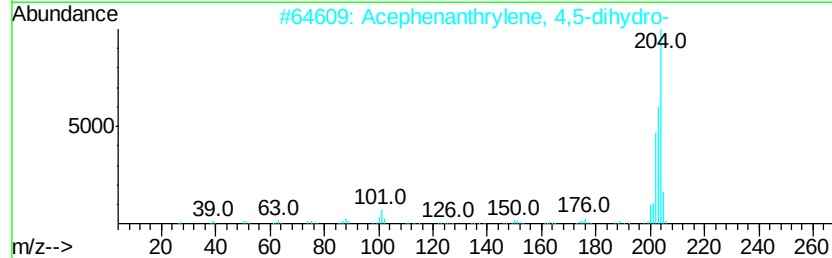
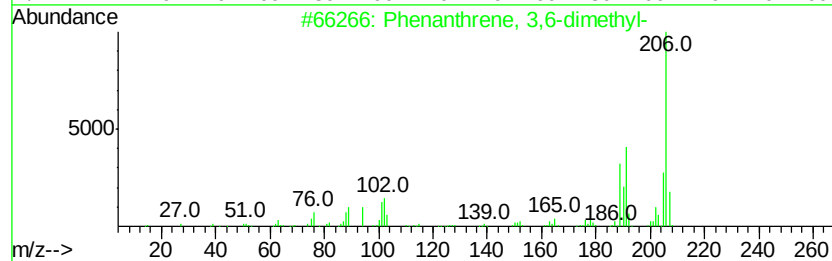
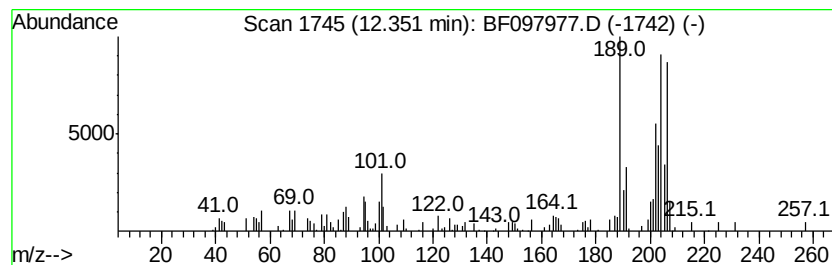
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.35 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.26 ng	106227	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
3			Levamisole	204	C11H12N2S	014769-73-4	25
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	25
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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ClientSampleId :
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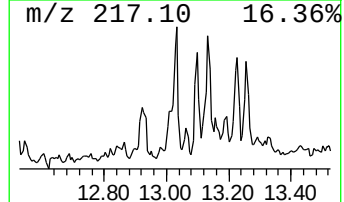
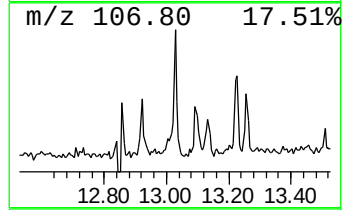
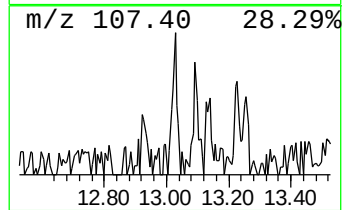
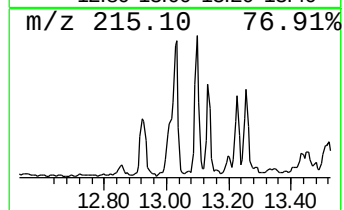
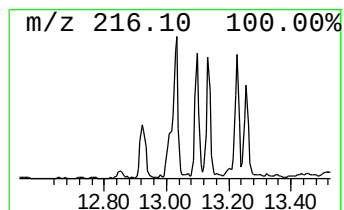
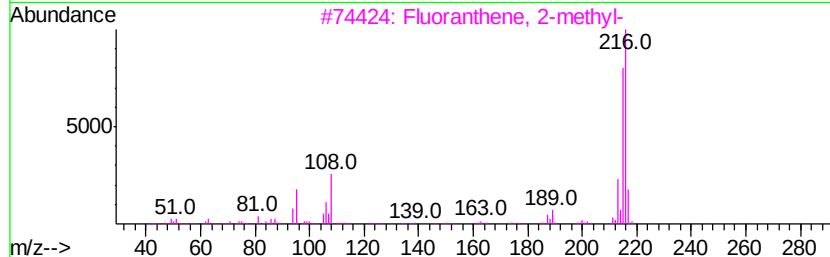
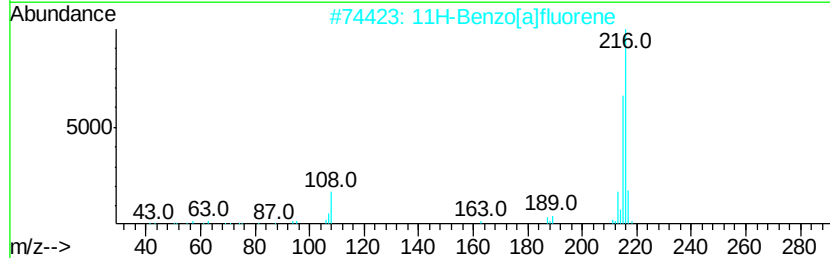
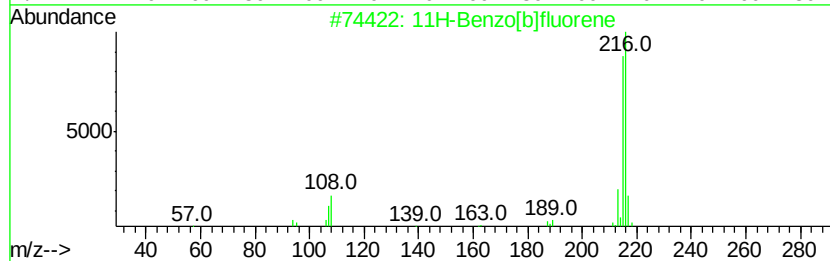
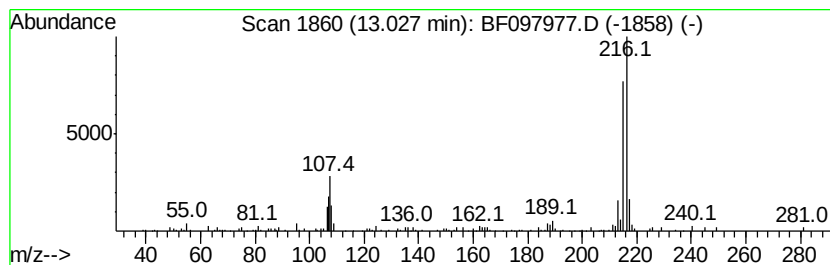
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.38 ng	128619	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082217\
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Operator : SJ/JU
Sample : I4910-03
Misc :
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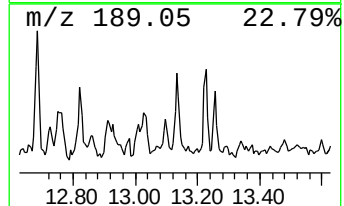
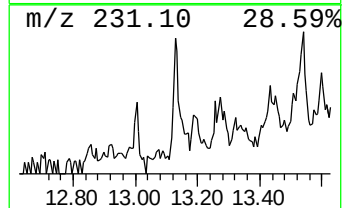
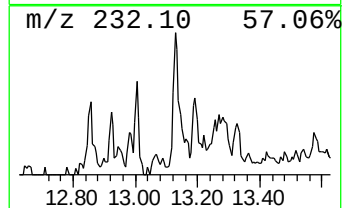
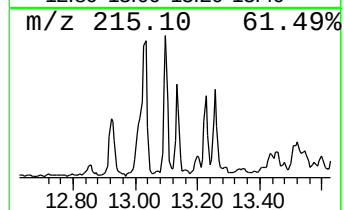
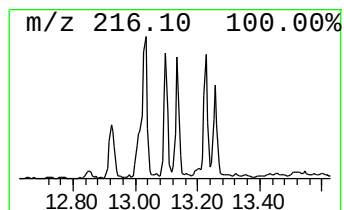
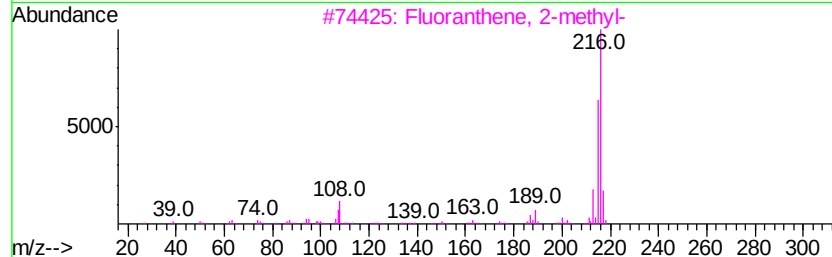
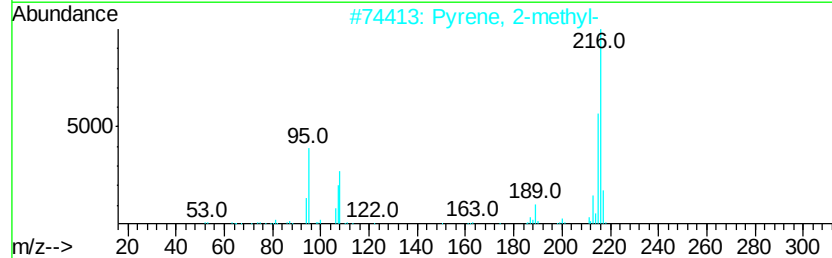
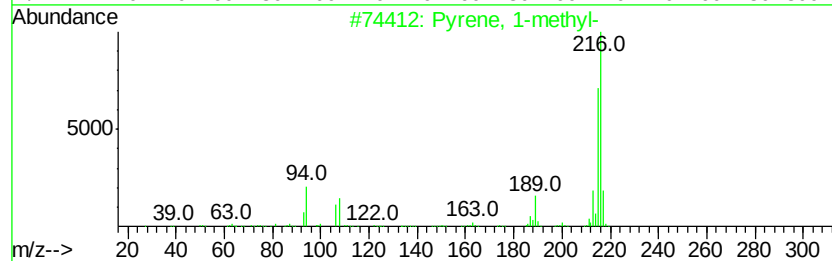
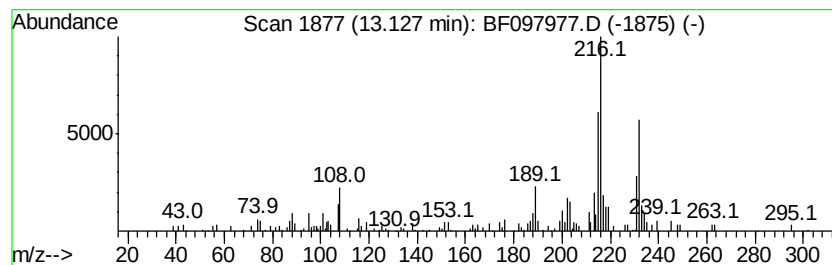
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.10 ng	113785	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 92
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
5		Pyrene, 4-methyl-	216 C17H12	003353-12-6 64



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097977.D
Acq On : 23 Aug 2017 2:17
Operator : SJ/JU
Sample : I4910-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-6-7

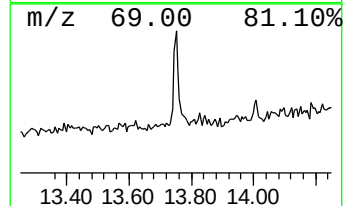
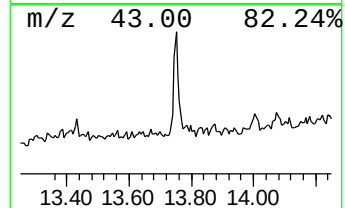
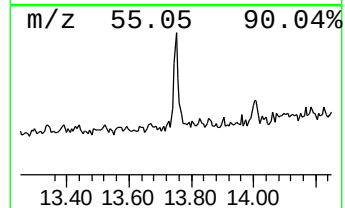
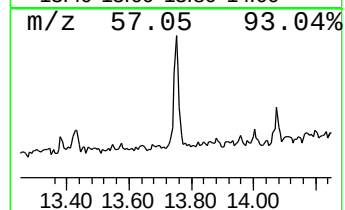
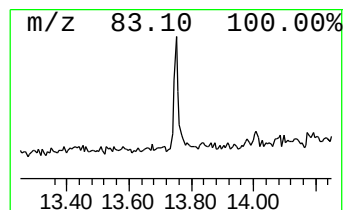
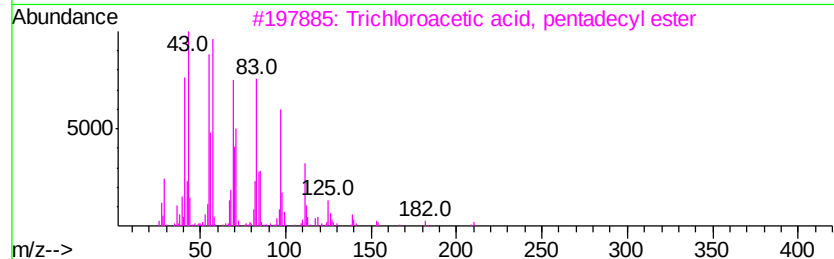
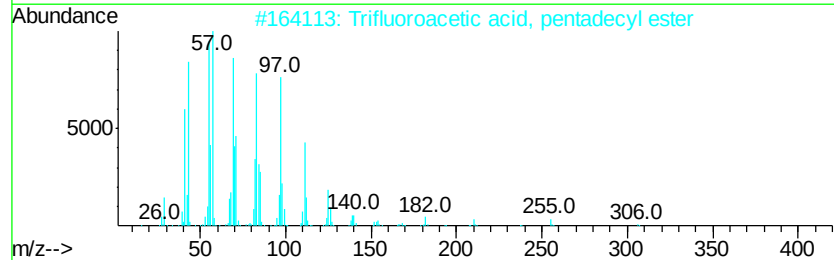
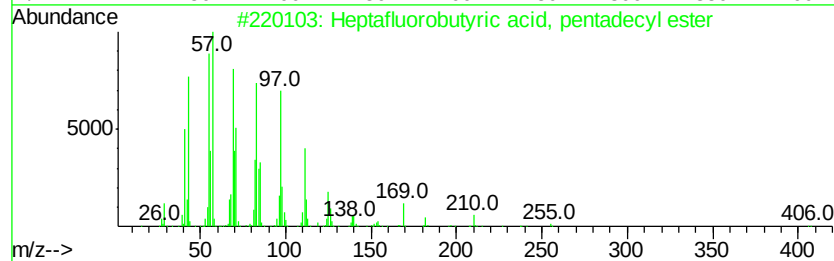
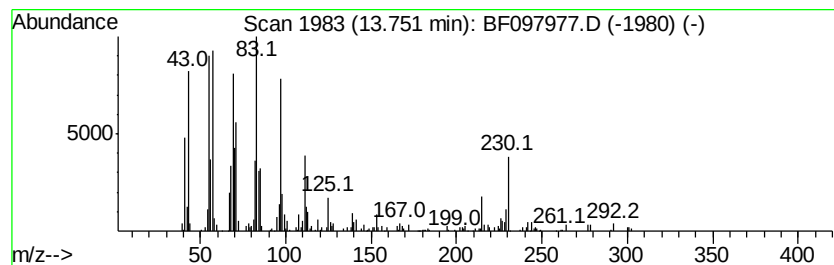
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptafluorobutyric acid, pe... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.11 ng	113932	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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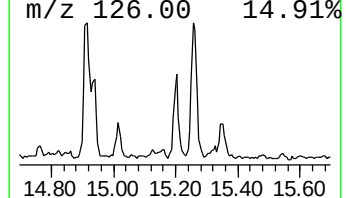
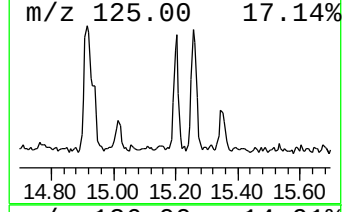
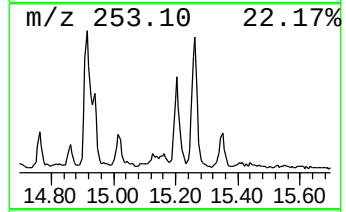
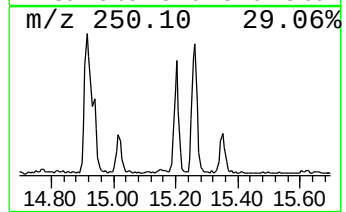
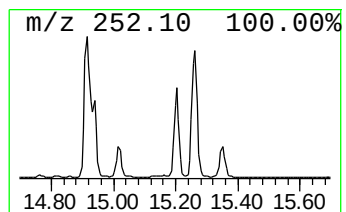
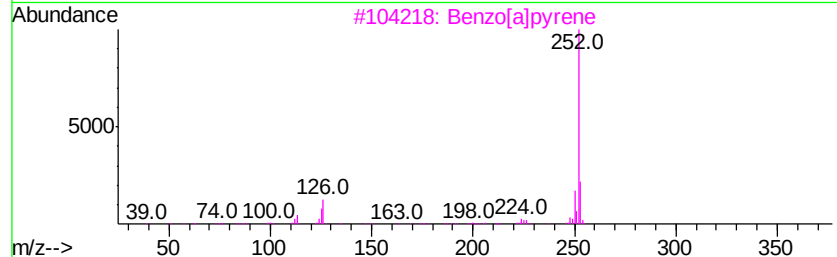
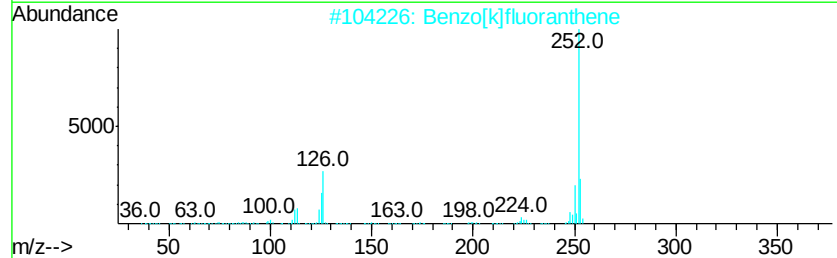
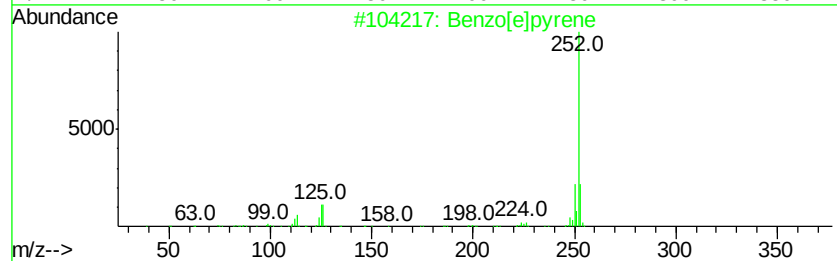
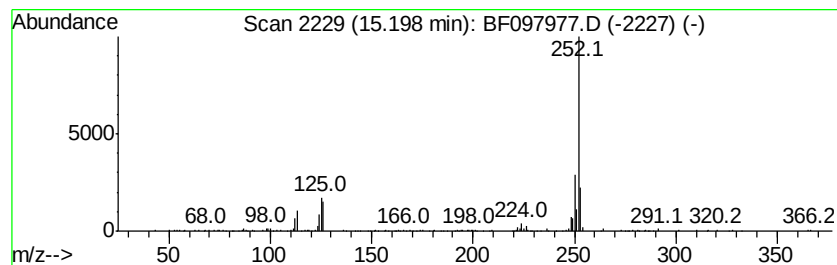
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.20	6.09 ng	179655	Perylene-d12	15.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082217\
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 Sample : I4910-03
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	4.95	10.4	ng	435719	1	6.75	833862	20.0
unknown6.52	6.52	79.2	ng	3303850	1	6.75	833862	20.0
Naphthalene, 1-me...	8.84	3.4	ng	194366	2	8.03	1142880	20.0
Naphthalene, 2,3-...	9.45	2.1	ng	115002	3	9.79	1074190	20.0
Tridecane	10.69	3.3	ng	156330	4	11.26	942014	20.0
Naphtho[2,1-b]thi...	11.16	2.1	ng	97356	4	11.26	942014	20.0
Phenanthrene, 2-m...	11.76	2.1	ng	98417	4	11.26	942014	20.0
5H-Dibenzo[a,d]cy...	11.79	2.5	ng	116424	4	11.26	942014	20.0
4H-Cyclopenta[def...	11.87	4.6	ng	218106	4	11.26	942014	20.0
Phenanthrene, 2,5...	12.32	2.1	ng	98298	4	11.26	942014	20.0
unknown12.35	12.35	2.3	ng	106227	4	11.26	942014	20.0
11H-Benzo[b]fluorene	13.03	2.4	ng	128619	5	13.90	1082350	20.0
Pyrene, 1-methyl-	13.13	2.1	ng	113785	5	13.90	1082350	20.0
Heptafluorobutyri...	13.75	2.1	ng	113932	5	13.90	1082350	20.0
Benzo[e]pyrene	15.20	6.1	ng	179655	6	15.32	590121	20.0