

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
 Data File : BF098929.D
 Acq On : 29 Sep 2017 1:44
 Operator : SJ/JU
 Sample : I5457-13 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-28(4-4.5)

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-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	514	517	524	rBV	123429	125010	8.76%	0.633%
2	5.528	581	585	591	rVB	670233	565377	39.60%	2.865%
3	6.451	738	742	746	rBV4	26943	36172	2.53%	0.183%
4	6.534	752	756	763	rBV	615905	576220	40.36%	2.920%
5	6.681	777	781	789	rVB	757229	618858	43.34%	3.136%
6	6.916	817	821	825	rVV	1049561	846644	59.29%	4.290%
7	7.069	842	847	851	rBV	563239	477680	33.45%	2.421%
8	7.187	862	867	869	rBV3	33298	34911	2.44%	0.177%
9	7.310	881	888	890	rBV6	34469	41488	2.91%	0.210%
10	7.439	904	910	912	rBV4	27497	40635	2.85%	0.206%
11	7.469	912	915	919	rVV	378529	356840	24.99%	1.808%
12	7.504	919	921	925	rVB2	37739	38862	2.72%	0.197%
13	7.557	925	930	933	rBV5	32257	48956	3.43%	0.248%
14	7.604	933	938	942	rBV4	21224	36850	2.58%	0.187%
15	7.722	955	958	963	rVB4	32886	32583	2.28%	0.165%
16	7.839	975	978	983	rBV5	44263	45160	3.16%	0.229%
17	8.198	1035	1039	1042	rVV	1220395	994130	69.62%	5.038%
18	8.251	1045	1048	1050	rVB	52491	46499	3.26%	0.236%
19	8.481	1081	1087	1093	rVV8	29758	51341	3.60%	0.260%
20	8.610	1106	1109	1111	rVV	69958	57205	4.01%	0.290%
21	8.733	1127	1130	1133	rBV	29463	31522	2.21%	0.160%
22	8.781	1135	1138	1142	rVB	42695	35802	2.51%	0.181%
23	9.210	1209	1211	1217	rVB	50157	39276	2.75%	0.199%
24	9.269	1217	1221	1231	rBV	720364	569472	39.88%	2.886%
25	9.345	1231	1234	1237	rBV2	57781	57424	4.02%	0.291%
26	9.610	1276	1279	1281	rVV	33339	33455	2.34%	0.170%
27	9.663	1285	1288	1295	rVB	146400	140985	9.87%	0.714%
28	9.816	1311	1314	1317	rBV	40866	40087	2.81%	0.203%
29	9.875	1317	1324	1326	rVV2	39146	53700	3.76%	0.272%
30	9.957	1328	1338	1341	rVV	886673	842558	59.01%	4.269%
31	9.986	1341	1343	1346	rVB	51245	40464	2.83%	0.205%
32	10.157	1368	1372	1376	rVV2	52026	52400	3.67%	0.266%
33	10.269	1387	1391	1393	rBV	30739	31915	2.24%	0.162%
34	10.375	1402	1409	1412	rBV3	47130	60511	4.24%	0.307%

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35	10.498	1427	1430	1436	rVB3	38052	47869	3.35%	0.243%
36	10.657	1452	1457	1460	rBV3	23086	33201	2.33%	0.168%
37	10.739	1468	1471	1475	rVB	277681	227088	15.90%	1.151%
38	10.845	1486	1489	1490	rBV	43300	32150	2.25%	0.163%
39	10.863	1490	1492	1498	rVB3	44994	45630	3.20%	0.231%
40	11.051	1517	1524	1526	rBV4	24425	37865	2.65%	0.192%
41	11.175	1540	1545	1547	rBV3	32039	41920	2.94%	0.212%
42	11.198	1547	1549	1553	rVB2	32431	30841	2.16%	0.156%
43	11.245	1553	1557	1560	rBV2	58063	50901	3.56%	0.258%
44	11.292	1561	1565	1568	rBV3	41678	40302	2.82%	0.204%
45	11.339	1570	1573	1577	rVB	43688	43432	3.04%	0.220%
46	11.439	1587	1590	1592	rBV	809988	709058	49.66%	3.593%
47	11.463	1592	1594	1598	rVB	629420	514804	36.05%	2.609%
48	11.516	1600	1603	1606	rVB	155900	114237	8.00%	0.579%
49	11.669	1626	1629	1631	rBV	39347	32830	2.30%	0.166%
50	11.769	1643	1646	1651	rVB2	44342	49479	3.47%	0.251%
51	11.939	1672	1675	1678	rVV	138281	141411	9.90%	0.717%
52	11.969	1678	1680	1684	rVB	204914	161515	11.31%	0.818%
53	12.016	1684	1688	1691	rBV	76874	73691	5.16%	0.373%
54	12.051	1691	1694	1697	rVV2	182499	230264	16.13%	1.167%
55	12.074	1697	1698	1702	rVB	110760	70778	4.96%	0.359%
56	12.127	1704	1707	1709	rVV2	34858	31206	2.19%	0.158%
57	12.233	1722	1725	1728	rBV	126032	117454	8.23%	0.595%
58	12.263	1728	1730	1732	rVB2	56941	46710	3.27%	0.237%
59	12.386	1749	1751	1754	rVV2	47241	37612	2.63%	0.191%
60	12.416	1754	1756	1758	rVV	47622	38874	2.72%	0.197%
61	12.439	1758	1760	1763	rVB	46178	35312	2.47%	0.179%
62	12.492	1765	1769	1772	rBV	134290	140687	9.85%	0.713%
63	12.527	1772	1775	1777	rVV3	65135	87760	6.15%	0.445%
64	12.574	1781	1783	1788	rVV2	87763	95264	6.67%	0.483%
65	12.657	1793	1797	1800	rBV	1244432	1025314	71.81%	5.196%
66	12.716	1805	1807	1811	rVB4	33443	30751	2.15%	0.156%
67	12.780	1815	1818	1820	rBV4	30010	34448	2.41%	0.175%
68	12.886	1829	1836	1841	rBV	1181425	1199395	84.00%	6.078%
69	12.933	1841	1844	1848	rVB2	75199	94167	6.59%	0.477%
70	13.021	1852	1859	1861	rBV2	530689	512663	35.90%	2.598%
71	13.098	1868	1872	1876	rBV3	100245	157774	11.05%	0.799%

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72	13.186	1884	1887	1888	rVV2	69116	71383	5.00%	0.362%
73	13.210	1888	1891	1894	rVB	165620	160019	11.21%	0.811%
74	13.245	1894	1897	1899	rBV	36383	39116	2.74%	0.198%
75	13.274	1899	1902	1905	rBV	82400	70356	4.93%	0.357%
76	13.316	1905	1909	1911	rBV2	130519	136752	9.58%	0.693%
77	13.410	1922	1925	1927	rBV	67359	57647	4.04%	0.292%
78	13.439	1927	1930	1933	rBV	85311	85229	5.97%	0.432%
79	13.516	1941	1943	1947	rVB3	32812	39699	2.78%	0.201%
80	13.586	1952	1955	1957	rBV3	43877	45035	3.15%	0.228%
81	13.716	1975	1977	1982	rVB	131866	123824	8.67%	0.627%
82	13.827	1992	1996	1999	rBV2	104880	151592	10.62%	0.768%
83	13.857	1999	2001	2003	rVV	111462	94513	6.62%	0.479%
84	13.886	2003	2006	2009	rVV2	81647	128014	8.97%	0.649%
85	13.921	2010	2012	2017	rVB	126860	138214	9.68%	0.700%
86	14.080	2034	2039	2042	rBV2	1028208	1427856	100.00%	7.235%
87	14.110	2042	2044	2050	rVB	589933	502917	35.22%	2.548%
88	14.186	2055	2057	2061	rVB	62142	51293	3.59%	0.260%
89	14.304	2073	2077	2080	rBV3	51582	73786	5.17%	0.374%
90	14.333	2080	2082	2085	rBV3	37846	36593	2.56%	0.185%
91	14.463	2102	2104	2108	rVB	122002	119923	8.40%	0.608%
92	14.498	2108	2110	2114	rBV	77063	70407	4.93%	0.357%
93	14.592	2124	2126	2128	rBV	57323	50872	3.56%	0.258%
94	15.133	2214	2218	2222	rBV	413874	695065	48.68%	3.522%
95	15.245	2234	2237	2240	rVB	84878	79165	5.54%	0.401%
96	15.445	2268	2271	2278	rVB	238106	318162	22.28%	1.612%
97	15.510	2278	2282	2288	rBV	328623	427349	29.93%	2.166%
98	15.580	2289	2294	2297	rBV	495224	634991	44.47%	3.218%
99	17.086	2545	2550	2557	rVB2	129764	258086	18.08%	1.308%
100	17.545	2624	2628	2633	rVB	78303	130901	9.17%	0.663%

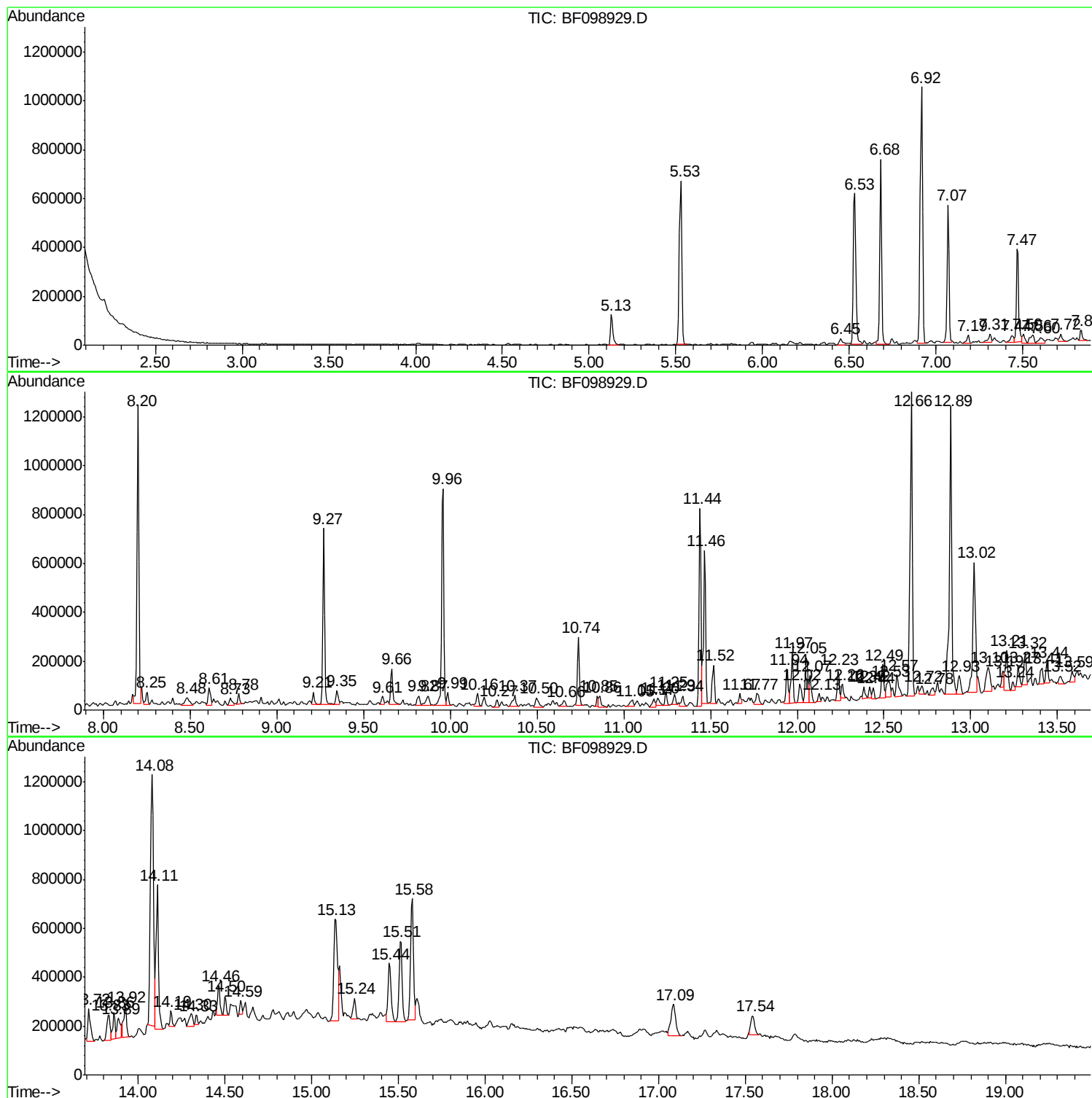
Sum of corrected areas: 19734408

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ClientSampleId :
LB-28(4-4.5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.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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Instrument :
BNA_F
ClientSampled :
LB-28(4-4.5)

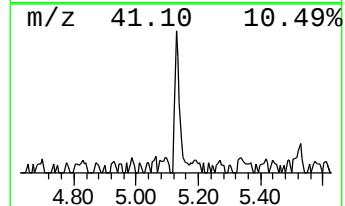
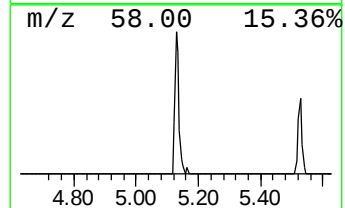
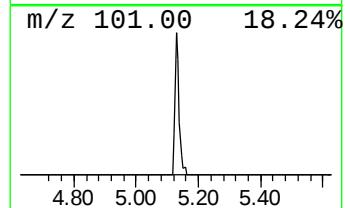
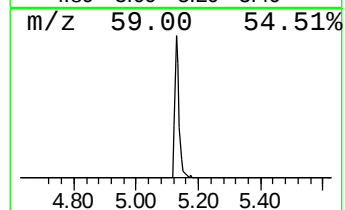
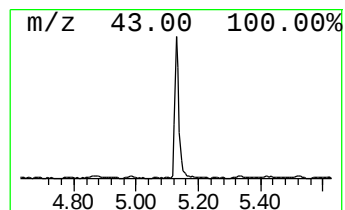
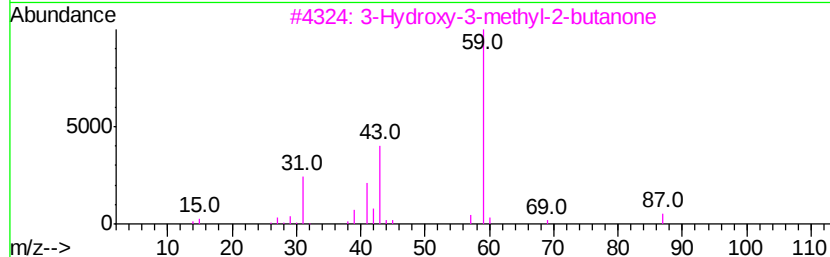
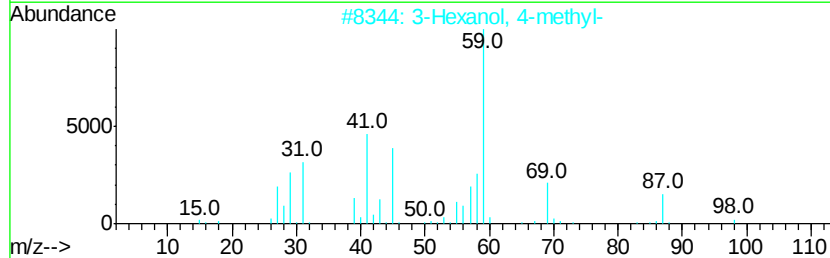
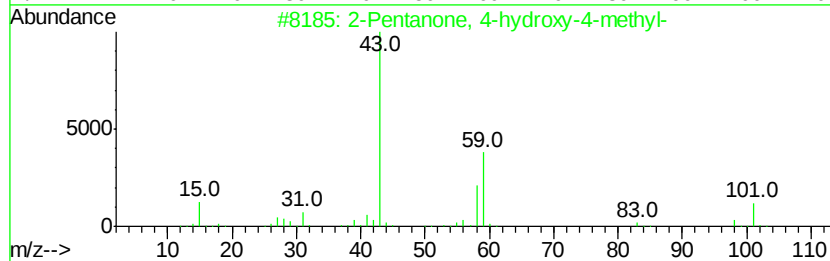
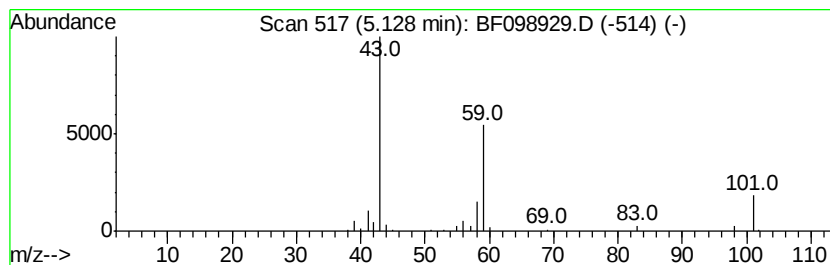
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	2.95 ng	125010	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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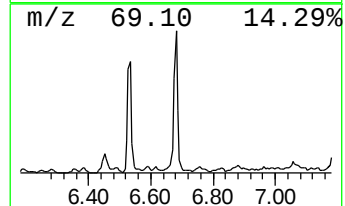
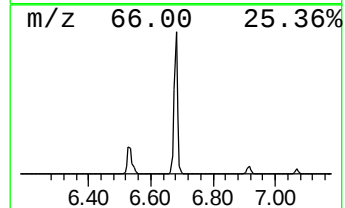
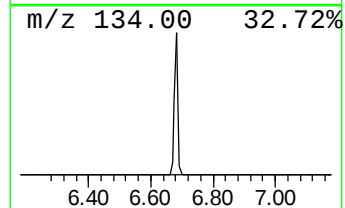
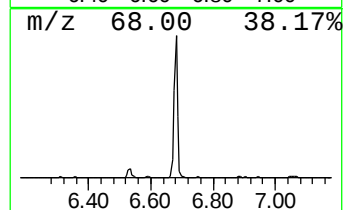
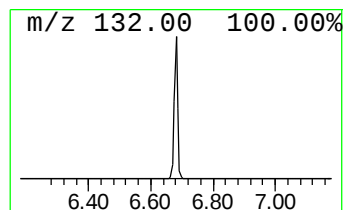
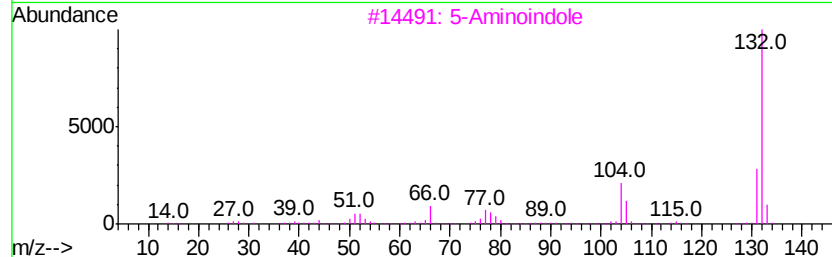
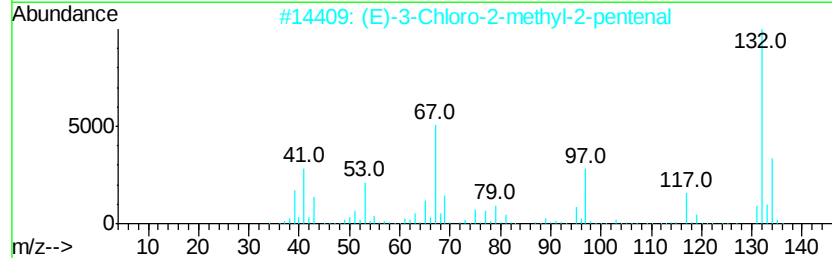
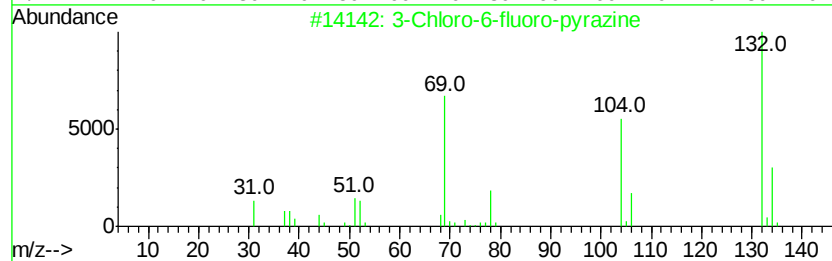
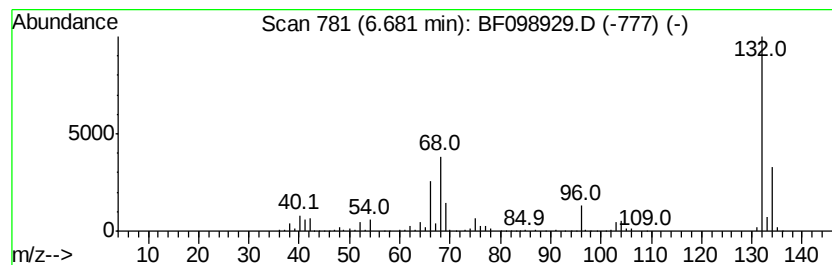
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	14.62 ng	618858	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	16
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



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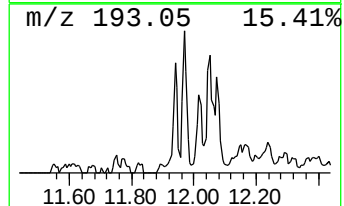
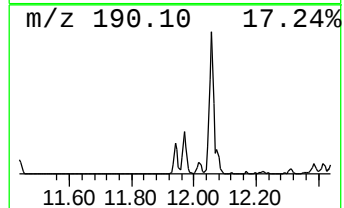
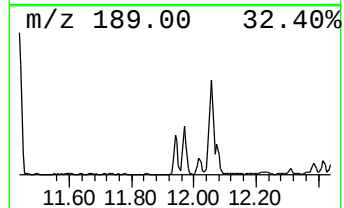
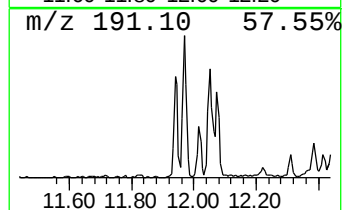
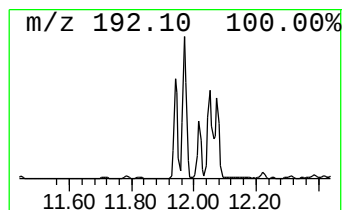
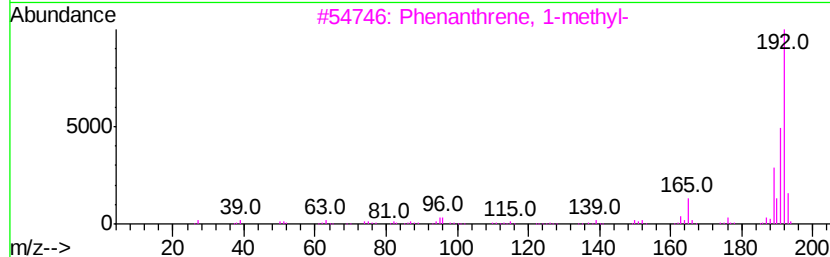
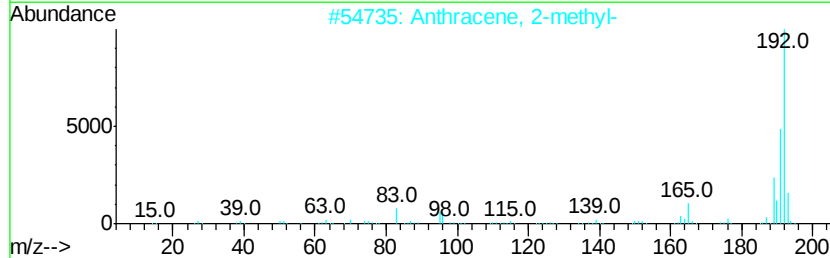
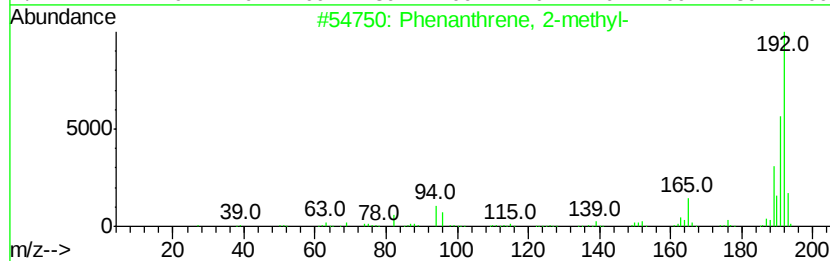
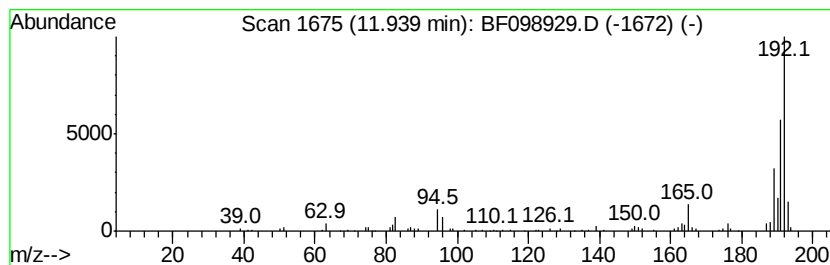
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.99 ng	141411	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-28(4-4.5)

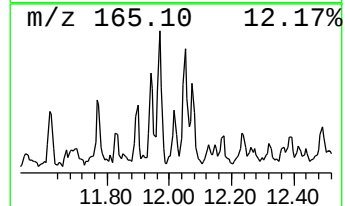
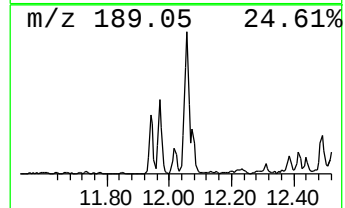
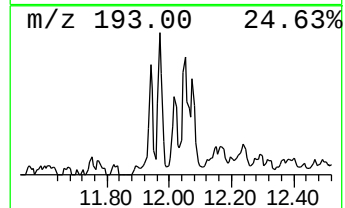
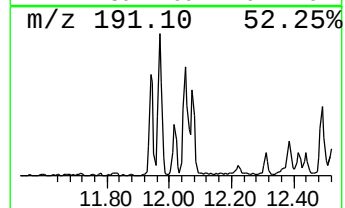
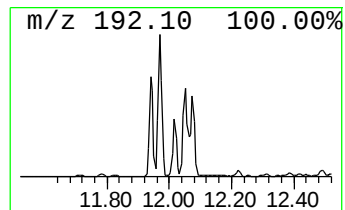
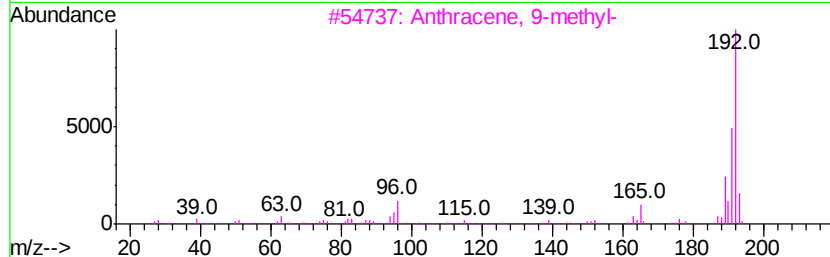
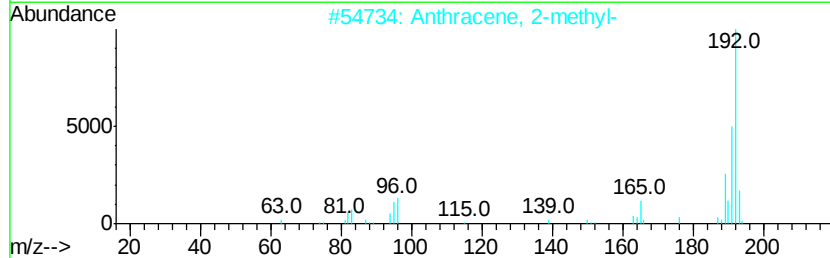
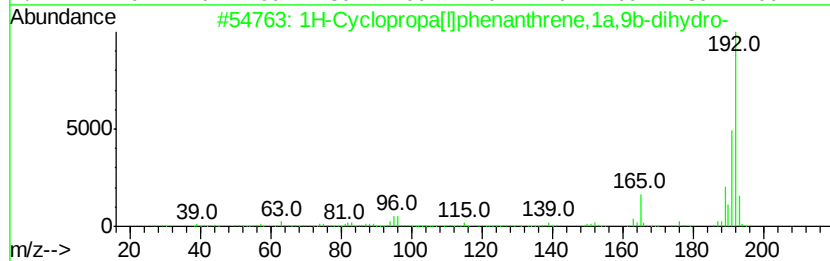
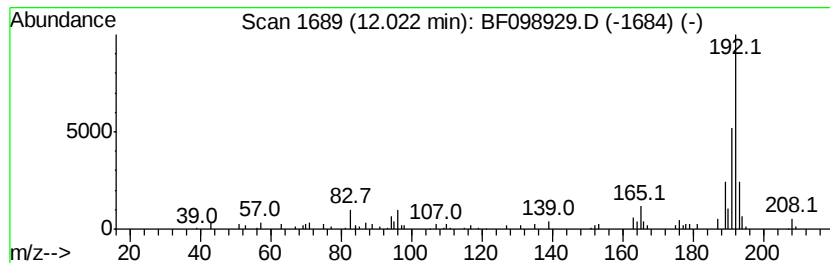
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthrene... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.08 ng	73691	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LB-28(4-4.5)

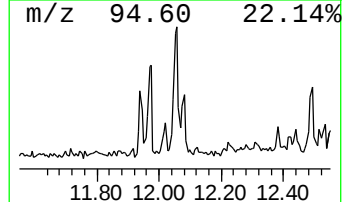
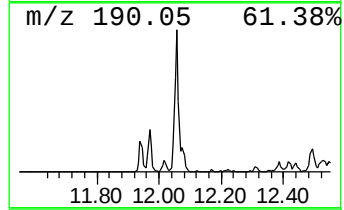
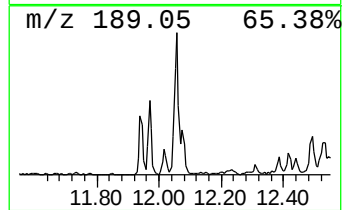
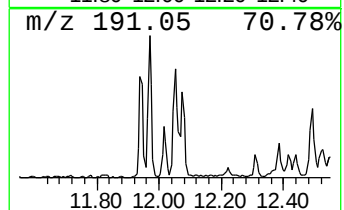
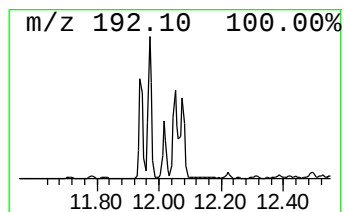
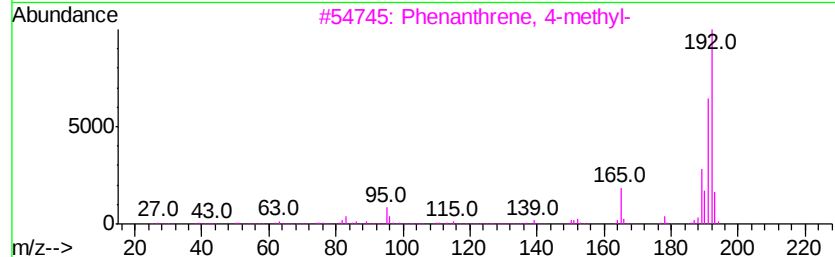
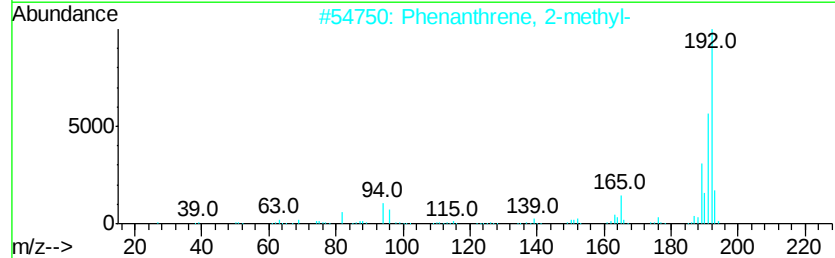
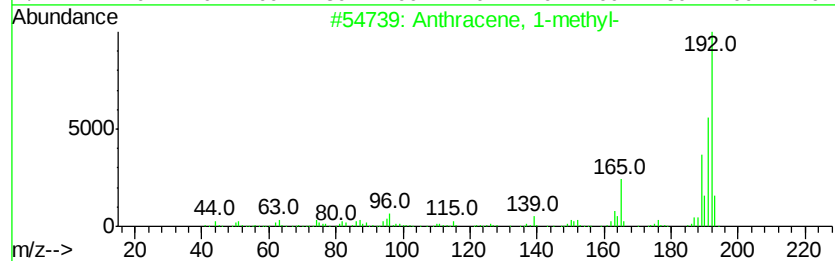
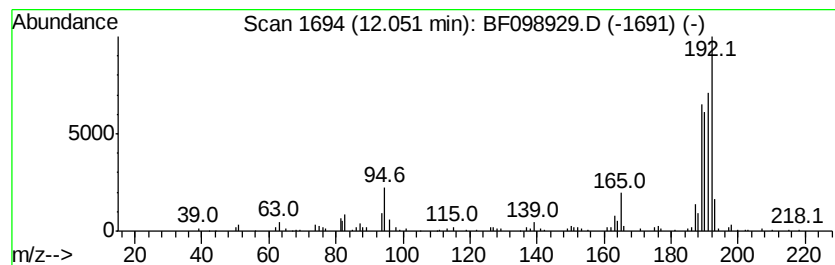
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	6.49 ng	230264	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4		5H-Dibenzofa,dlcycloheptene	192	C15H12	000256-81-5	55
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LB-28(4-4.5)

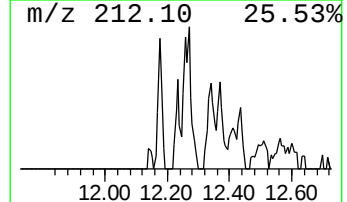
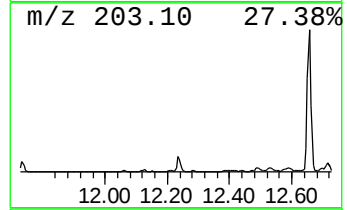
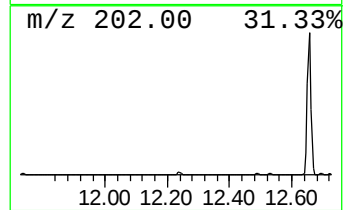
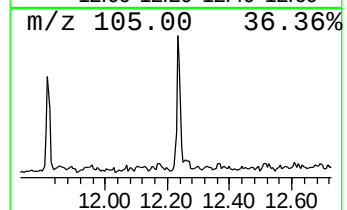
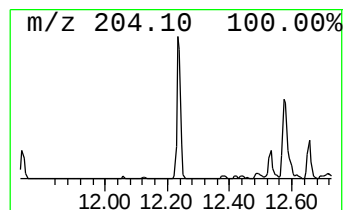
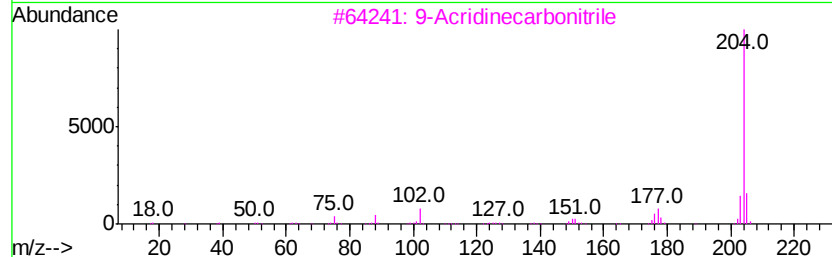
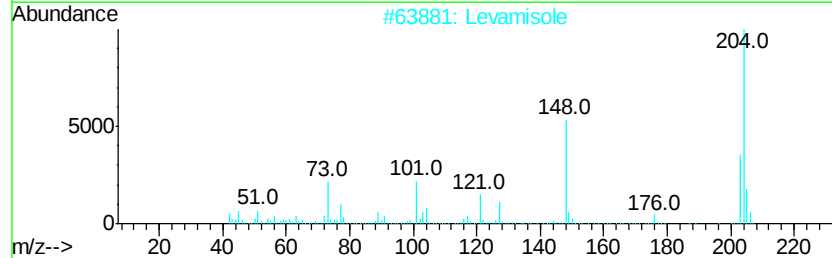
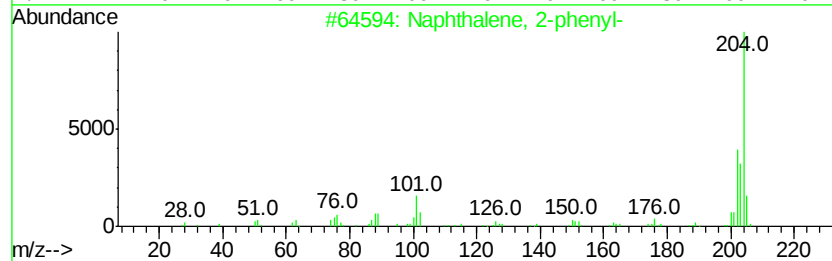
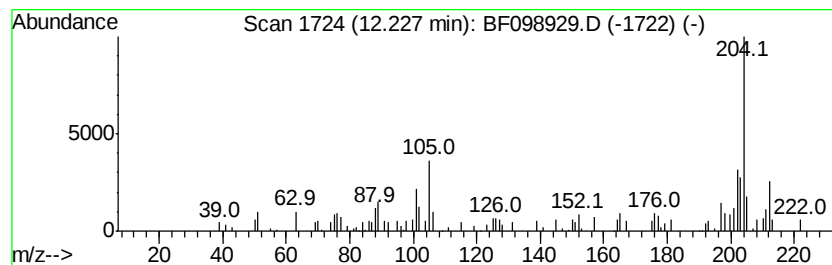
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.31 ng	117454	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		Levamisole	204	C11H12N2S	014769-73-4	50
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
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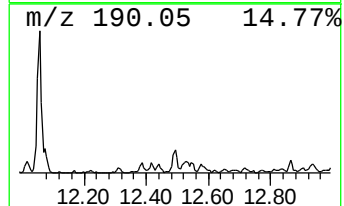
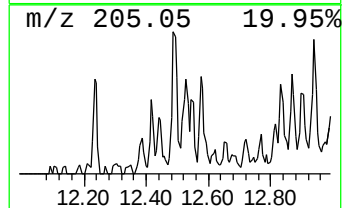
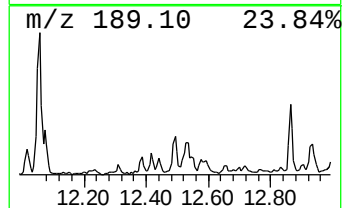
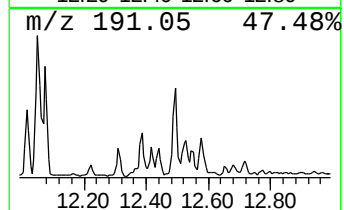
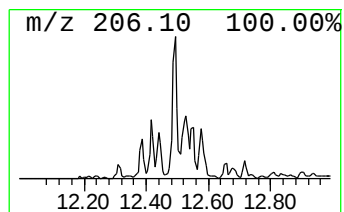
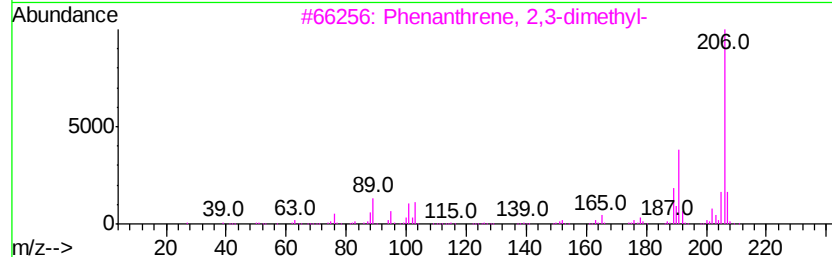
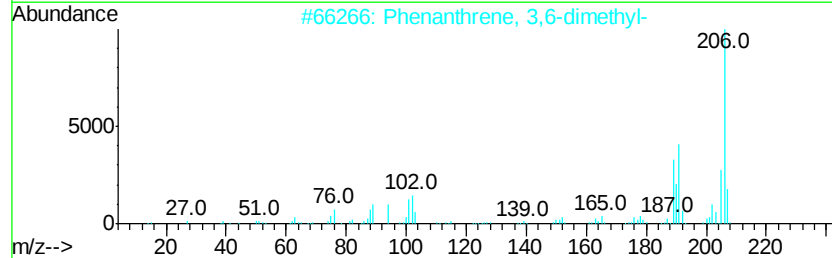
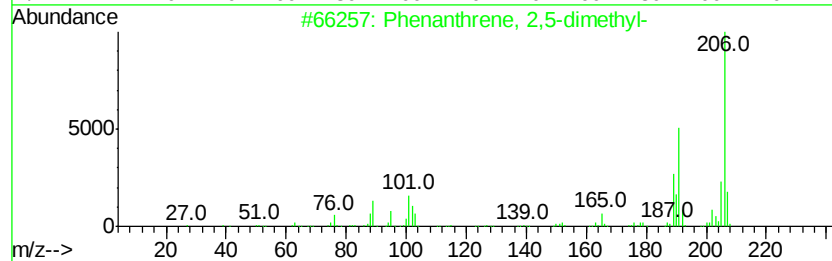
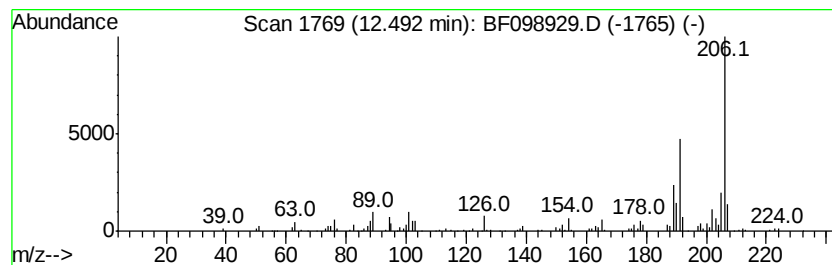
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.49	3.97 ng	140687	Phenanthrene-d10		11.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LB-28(4-4.5)

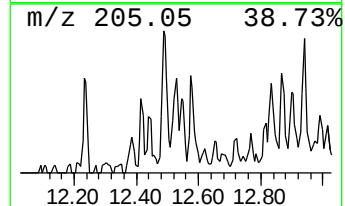
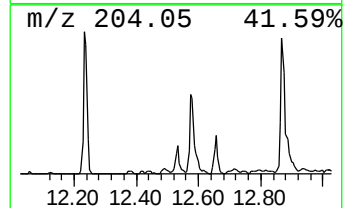
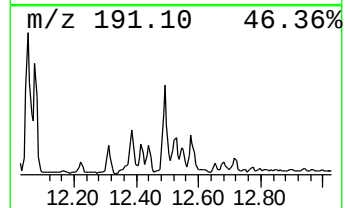
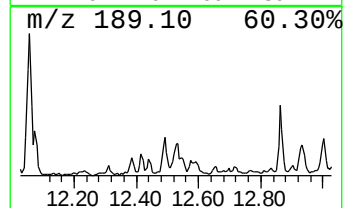
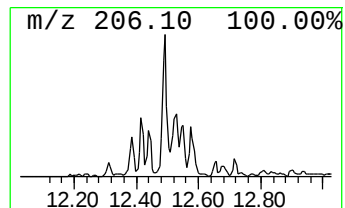
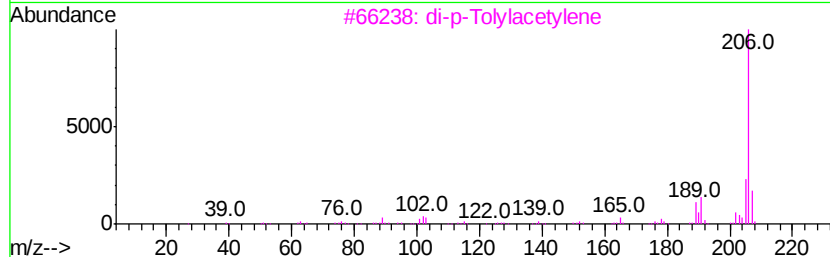
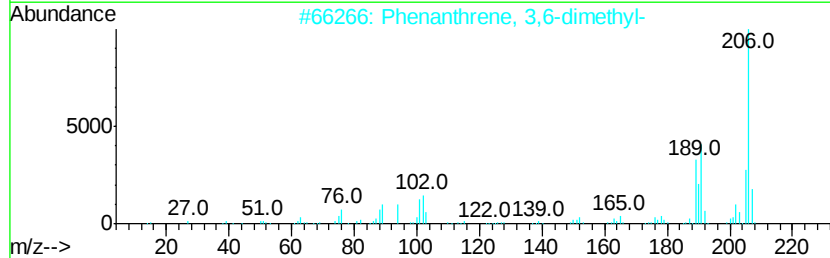
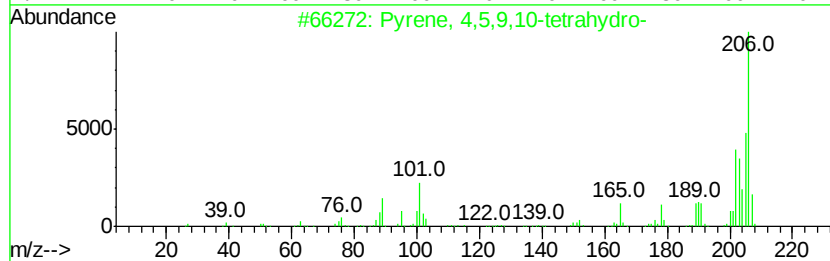
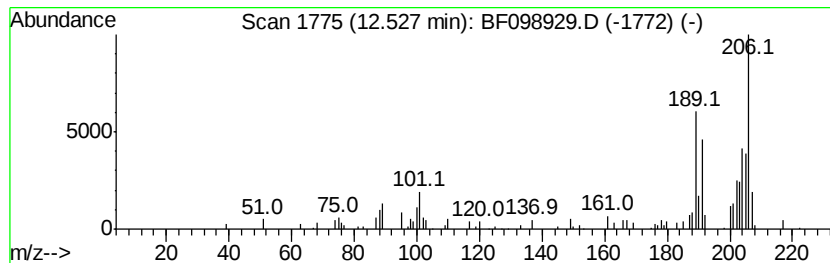
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.48 ng	87760	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	60
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3			di-p-Tolylacetvlene	206	C16H14	002789-88-0	58
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
LB-28(4-4.5)

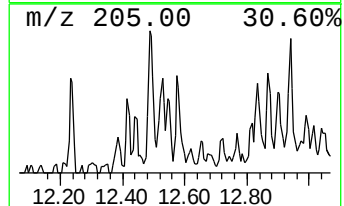
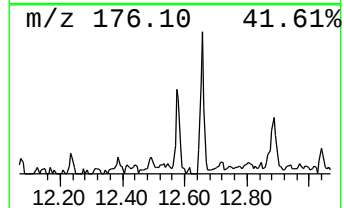
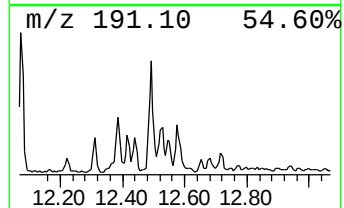
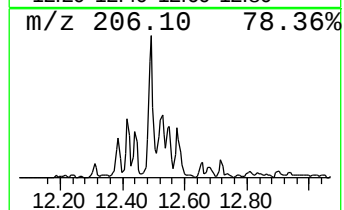
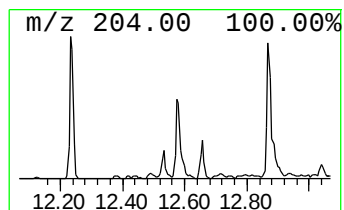
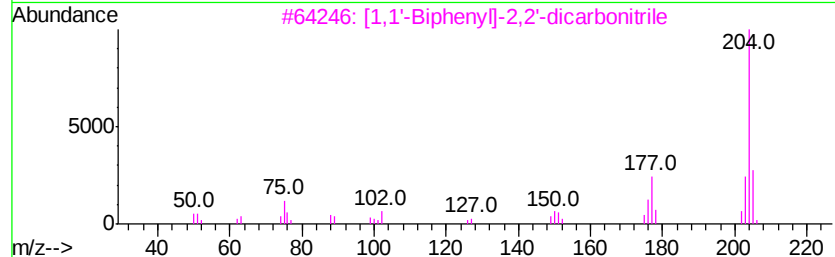
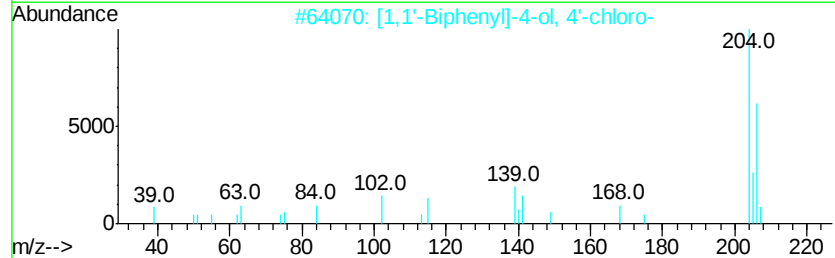
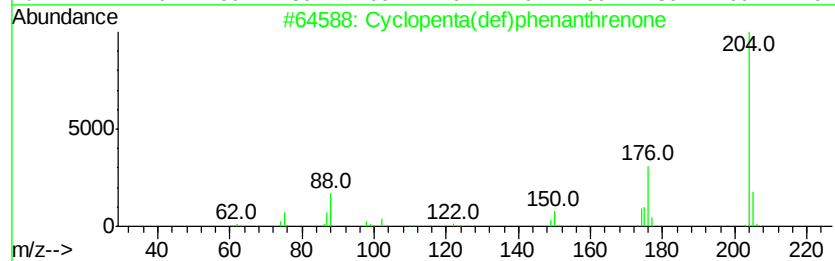
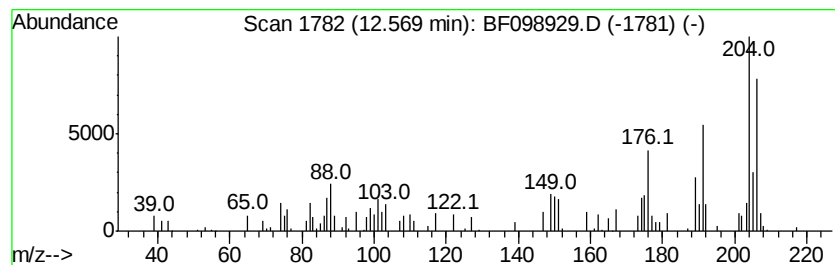
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.69 ng	95264	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	42
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
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Sample : I5457-13 5X
Misc :
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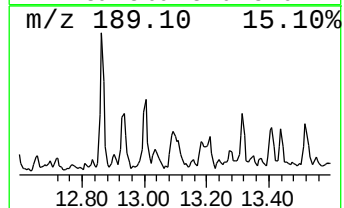
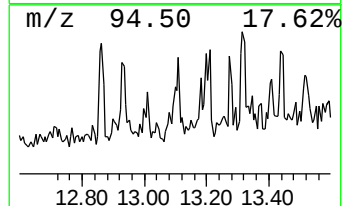
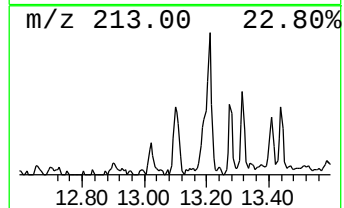
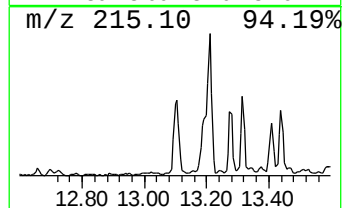
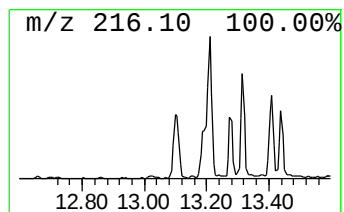
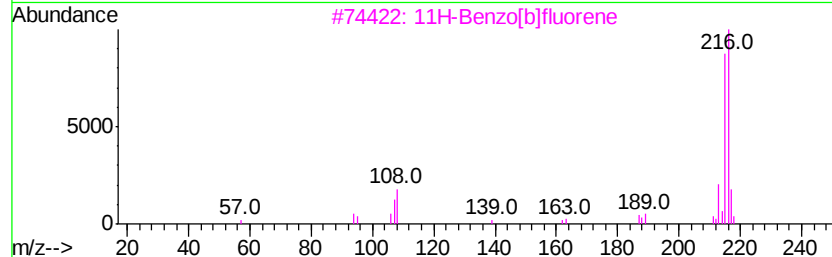
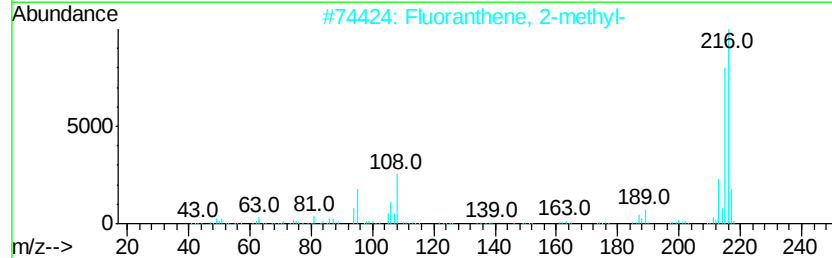
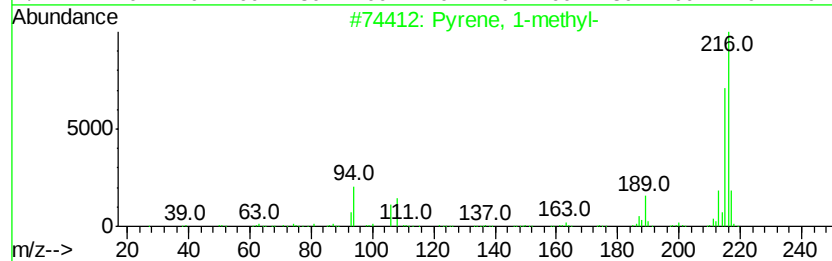
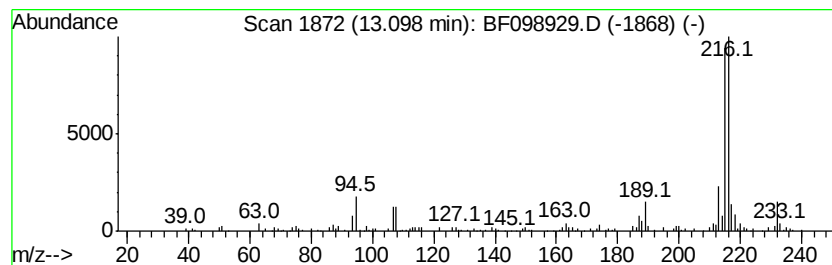
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ClientSampleId :
LB-28(4-4.5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.21 ng	157774	Chrysene-d12	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 81
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 80
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-28(4-4.5)

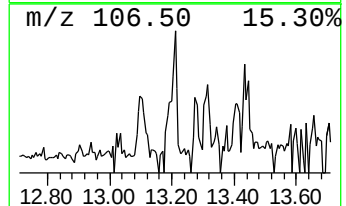
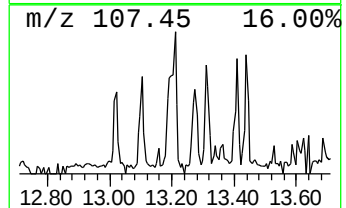
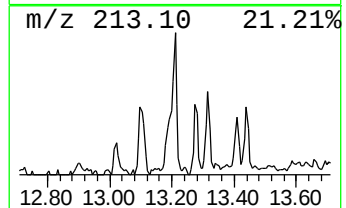
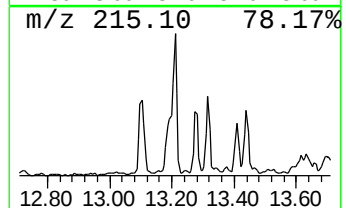
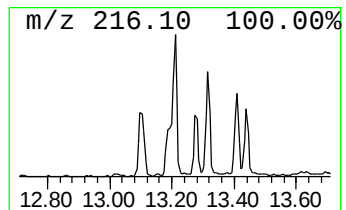
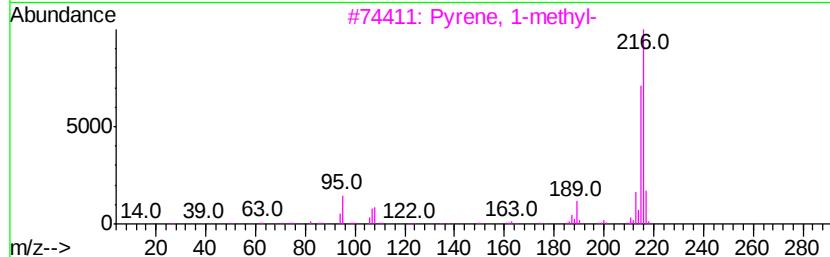
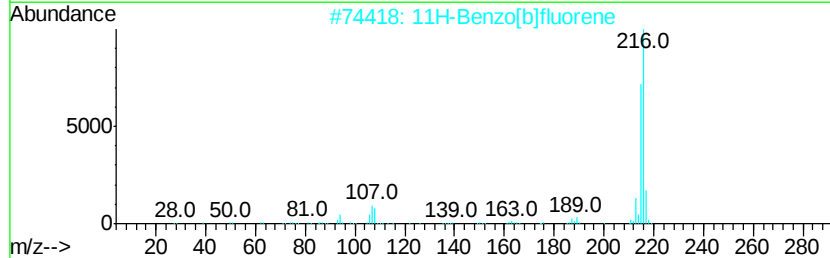
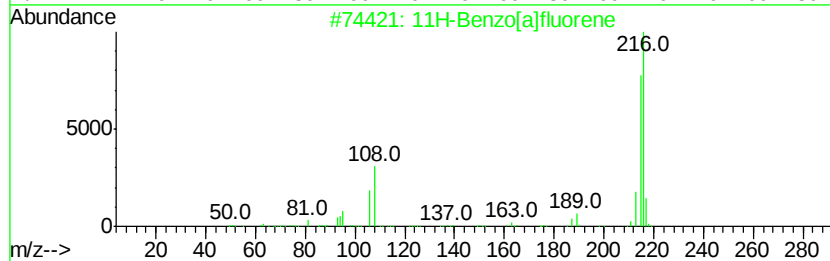
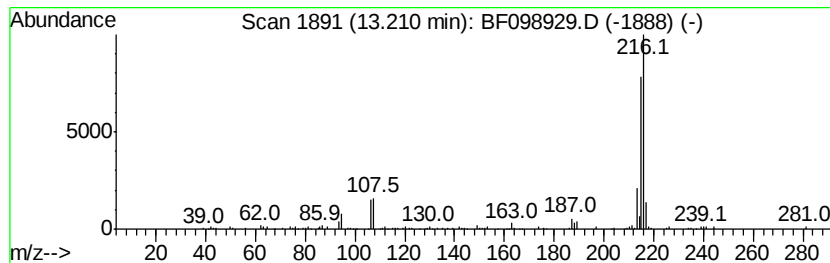
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.24 ng	160019	Chrysene-d12	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			Pvrene, 1-methyl-	216	C17H12	002381-21-7	78
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5			4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-28(4-4.5)

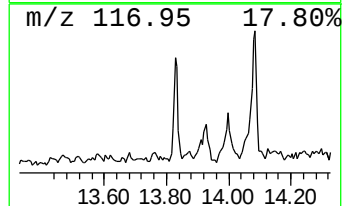
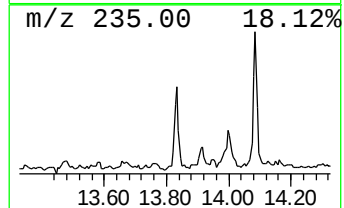
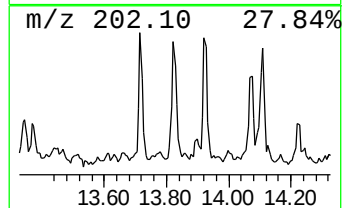
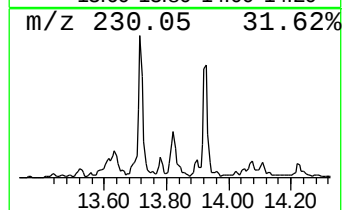
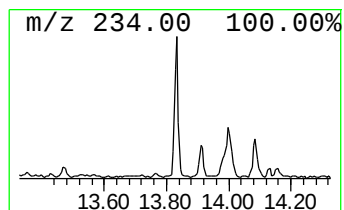
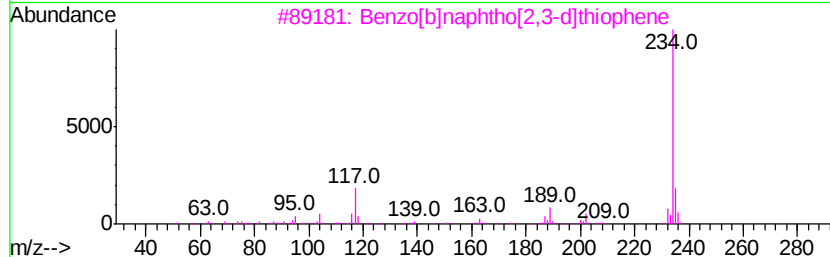
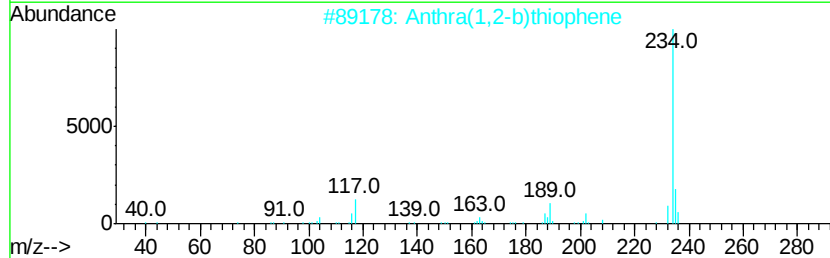
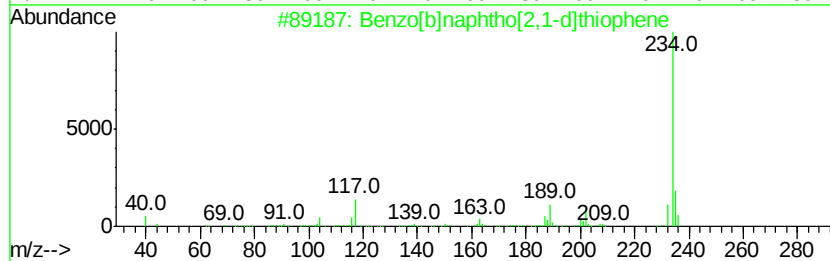
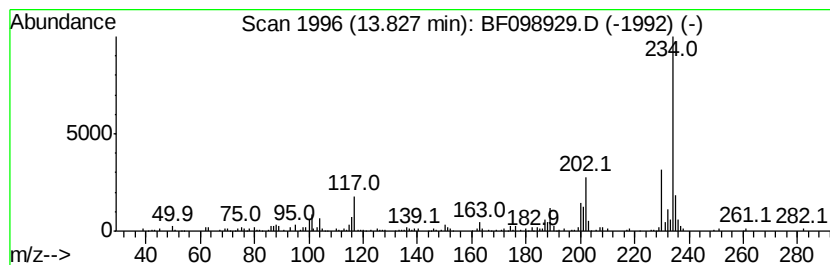
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.12 ng	151592	Chrysene-d12	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-28(4-4.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.13	3.0	ng	125010	1	6.92	846644	20.0
unknown6.68	6.68	14.6	ng	618858	1	6.92	846644	20.0
Phenanthrene, 2-m...	11.94	4.0	ng	141411	4	11.44	709058	20.0
1H-Cyclopropa[l]p...	12.02	2.1	ng	73691	4	11.44	709058	20.0
Anthracene, 1-met...	12.05	6.5	ng	230264	4	11.44	709058	20.0
Naphthalene, 2-ph...	12.23	3.3	ng	117454	4	11.44	709058	20.0
Phenanthrene, 2,5...	12.49	4.0	ng	140687	4	11.44	709058	20.0
Pyrene, 4,5,9,10-...	12.53	2.5	ng	87760	4	11.44	709058	20.0
Cyclopenta(def)ph...	12.57	2.7	ng	95264	4	11.44	709058	20.0
Pyrene, 1-methyl-	13.10	2.2	ng	157774	5	14.09	1427860	20.0
11H-Benzo[a]fluorene	13.21	2.2	ng	160019	5	14.09	1427860	20.0
Benzo[b]naphtho[2...	13.83	2.1	ng	151592	5	14.09	1427860	20.0