

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098930.D
 Acq On : 29 Sep 2017 2:12
 Operator : SJ/JU
 Sample : I5487-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-A

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	2.204	18	20	38	rVB2	72721	168630	16.08%	1.162%
2	5.128	514	517	524	rBV	90663	95788	9.13%	0.660%
3	5.528	581	585	591	rBV	708240	579601	55.26%	3.996%
4	6.528	752	755	764	rBV	581550	555957	53.00%	3.833%
5	6.681	777	781	784	rBV	747215	588854	56.14%	4.059%
6	6.916	817	821	824	rBV	992344	758015	72.27%	5.226%
7	7.069	843	847	851	rBV	558801	449911	42.89%	3.102%
8	7.469	912	915	919	rBV	364330	313220	29.86%	2.159%
9	8.198	1035	1039	1042	rBV	1153152	875166	83.43%	6.033%
10	8.910	1157	1160	1165	rVB	29497	22642	2.16%	0.156%
11	9.010	1174	1177	1182	rVB	55275	44908	4.28%	0.310%
12	9.269	1217	1221	1228	rBV	675802	518800	49.46%	3.576%
13	9.469	1252	1255	1263	rVB	15568	16113	1.54%	0.111%
14	9.539	1263	1267	1273	rBV	42580	55718	5.31%	0.384%
15	9.610	1273	1279	1282	rBV	79420	77224	7.36%	0.532%
16	9.633	1282	1283	1285	rVV	38356	29664	2.83%	0.204%
17	9.663	1285	1288	1296	rVB	91635	84613	8.07%	0.583%
18	9.727	1296	1299	1305	rBV	38217	40633	3.87%	0.280%
19	9.810	1309	1313	1317	rBV2	29318	28031	2.67%	0.193%
20	9.875	1317	1324	1330	rVB4	10333	18818	1.79%	0.130%
21	9.951	1334	1337	1341	rVV	795164	768114	73.23%	5.295%
22	9.986	1341	1343	1346	rVB	88321	67580	6.44%	0.466%
23	10.057	1351	1355	1358	rBV	18038	22249	2.12%	0.153%
24	10.110	1360	1364	1366	rBV3	12234	14996	1.43%	0.103%
25	10.151	1366	1371	1375	rVB2	49972	53920	5.14%	0.372%
26	10.192	1375	1378	1381	rBV	40026	30204	2.88%	0.208%
27	10.269	1387	1391	1393	rBV	26671	24607	2.35%	0.170%
28	10.298	1393	1396	1400	rVV	25159	20966	2.00%	0.145%
29	10.357	1400	1406	1408	rVV2	19999	31073	2.96%	0.214%
30	10.374	1408	1409	1411	rVB	28380	13920	1.33%	0.096%
31	10.498	1427	1430	1435	rVB	104825	96606	9.21%	0.666%
32	10.551	1435	1439	1440	rBV	22296	20069	1.91%	0.138%
33	10.569	1440	1442	1443	rVV	23144	18621	1.78%	0.128%
34	10.586	1443	1445	1448	rVB2	29967	24953	2.38%	0.172%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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35	10.657	1455	1457	1462	rVB2	15711	16915	1.61%	0.117%
36	10.739	1468	1471	1475	rVB	277103	227879	21.73%	1.571%
37	10.863	1486	1492	1499	rBV3	33484	47306	4.51%	0.326%
38	11.045	1518	1523	1526	rBV2	45932	62001	5.91%	0.427%
39	11.074	1526	1528	1531	rVV2	41935	39103	3.73%	0.270%
40	11.133	1535	1538	1540	rVB	29348	26941	2.57%	0.186%
41	11.163	1540	1543	1546	rBV3	12395	16015	1.53%	0.110%
42	11.198	1546	1549	1553	rVV5	14122	17171	1.64%	0.118%
43	11.292	1560	1565	1568	rBV2	19324	21472	2.05%	0.148%
44	11.339	1568	1573	1577	rVB2	32923	41529	3.96%	0.286%
45	11.386	1577	1581	1585	rBV2	16106	19857	1.89%	0.137%
46	11.439	1587	1590	1592	rBV	784130	676054	64.45%	4.661%
47	11.463	1592	1594	1598	rVV	576286	470384	44.84%	3.243%
48	11.516	1600	1603	1606	rVB	181254	136845	13.05%	0.943%
49	11.551	1606	1609	1611	rBV2	14988	16691	1.59%	0.115%
50	11.669	1626	1629	1633	rBV2	25375	24985	2.38%	0.172%
51	11.769	1642	1646	1649	rBV2	22717	20843	1.99%	0.144%
52	11.851	1657	1660	1665	rBV2	15956	20238	1.93%	0.140%
53	11.939	1672	1675	1678	rBV	145183	135718	12.94%	0.936%
54	11.969	1678	1680	1684	rVB	193791	147354	14.05%	1.016%
55	12.016	1685	1688	1691	rBV	77988	68098	6.49%	0.469%
56	12.057	1691	1695	1697	rVV2	194802	238893	22.78%	1.647%
57	12.074	1697	1698	1704	rVB	107694	73112	6.97%	0.504%
58	12.233	1717	1725	1728	rBV2	69562	78131	7.45%	0.539%
59	12.263	1728	1730	1735	rVB5	21486	26654	2.54%	0.184%
60	12.310	1735	1738	1741	rBV	17546	15926	1.52%	0.110%
61	12.386	1749	1751	1753	rVB	36640	26880	2.56%	0.185%
62	12.416	1753	1756	1758	rBV	43873	31022	2.96%	0.214%
63	12.439	1758	1760	1762	rVB	33770	23735	2.26%	0.164%
64	12.492	1765	1769	1771	rBV	108239	112214	10.70%	0.774%
65	12.527	1771	1775	1777	rVV3	65039	77467	7.39%	0.534%
66	12.574	1780	1783	1789	rBV3	35352	59384	5.66%	0.409%
67	12.651	1793	1796	1800	rBV	496578	459690	43.83%	3.169%
68	12.716	1805	1807	1810	rVB2	25242	19733	1.88%	0.136%
69	12.810	1820	1823	1825	rBV2	24327	23035	2.20%	0.159%
70	12.886	1829	1836	1841	rBV	587690	655351	62.48%	4.518%
71	12.933	1841	1844	1848	rVB3	40067	48139	4.59%	0.332%

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72	12.974	1848	1851	1852	rBV3	14531	14876	1.42%	0.103%
73	12.998	1852	1855	1856	rBV2	17336	15774	1.50%	0.109%
74	13.021	1856	1859	1862	rBV	492926	404213	38.54%	2.787%
75	13.098	1868	1872	1876	rBV4	57400	85701	8.17%	0.591%
76	13.157	1879	1882	1884	rBV4	15334	16573	1.58%	0.114%
77	13.210	1888	1891	1894	rVB	115772	111269	10.61%	0.767%
78	13.274	1899	1902	1905	rVV	100234	92555	8.82%	0.638%
79	13.315	1905	1909	1911	rVV	106900	98404	9.38%	0.678%
80	13.339	1911	1913	1916	rVB3	21773	22547	2.15%	0.155%
81	13.410	1922	1925	1927	rBV	77900	68038	6.49%	0.469%
82	13.439	1927	1930	1933	rVV	71923	64763	6.17%	0.446%
83	13.610	1957	1959	1961	rBV3	16194	15656	1.49%	0.108%
84	13.692	1970	1973	1974	rBV3	25745	25143	2.40%	0.173%
85	13.833	1992	1997	1999	rBV3	40559	59823	5.70%	0.412%
86	13.857	1999	2001	2003	rVB	40399	27218	2.59%	0.188%
87	13.880	2003	2005	2007	rBV	28787	28982	2.76%	0.200%
88	14.045	2031	2033	2035	rBV	59410	62372	5.95%	0.430%
89	14.080	2035	2039	2042	rVV2	914511	1048921	100.00%	7.231%
90	14.104	2042	2043	2049	rVB	237264	194711	18.56%	1.342%
91	14.186	2055	2057	2060	rBV	49552	34955	3.33%	0.241%
92	14.427	2096	2098	2100	rBV	28369	24684	2.35%	0.170%
93	14.462	2102	2104	2108	rVB2	75787	73557	7.01%	0.507%
94	14.498	2108	2110	2113	rVB	51453	38065	3.63%	0.262%
95	14.539	2114	2117	2119	rBV	32453	44092	4.20%	0.304%
96	14.592	2123	2126	2128	rBV2	44356	45467	4.33%	0.313%
97	15.133	2214	2218	2221	rBV	124653	183221	17.47%	1.263%
98	15.445	2268	2271	2278	rVB	96494	121899	11.62%	0.840%
99	15.509	2278	2282	2288	rBV	127962	168467	16.06%	1.161%
100	15.574	2289	2293	2297	rBV2	445836	560958	53.48%	3.867%

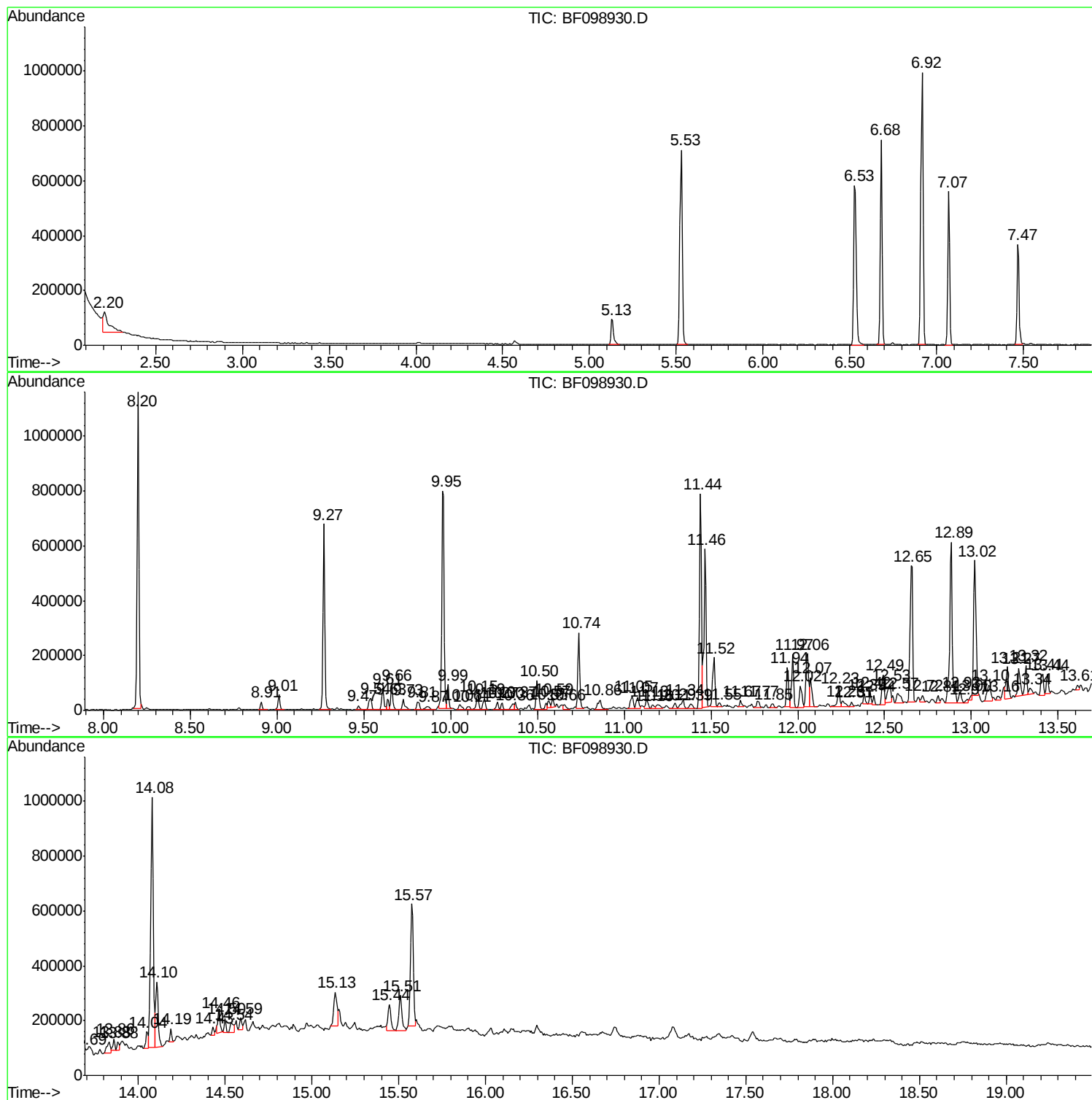
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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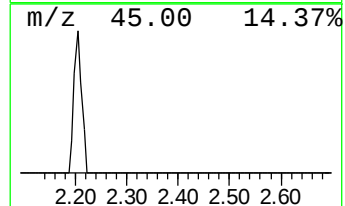
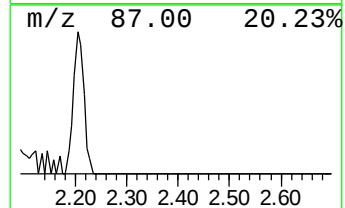
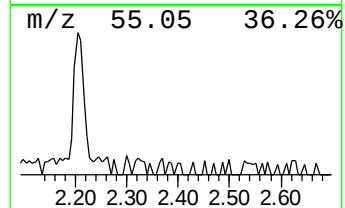
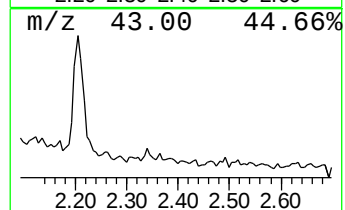
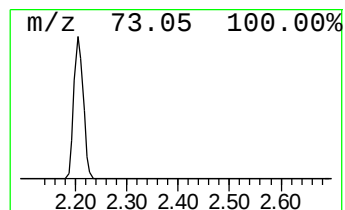
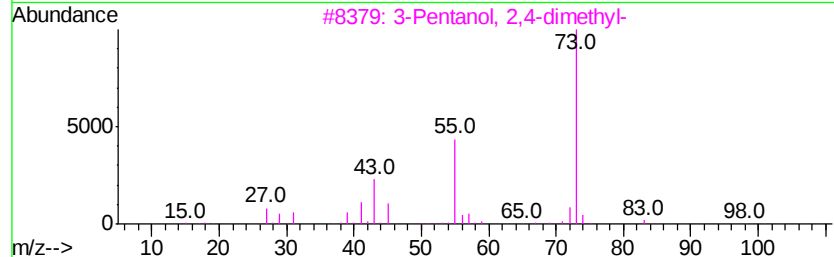
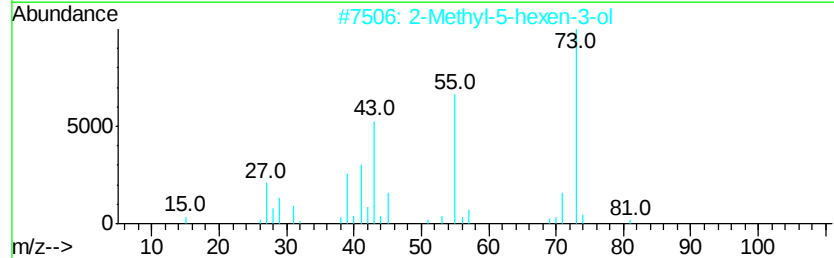
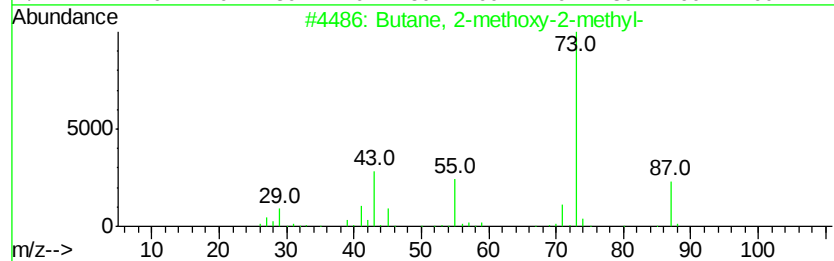
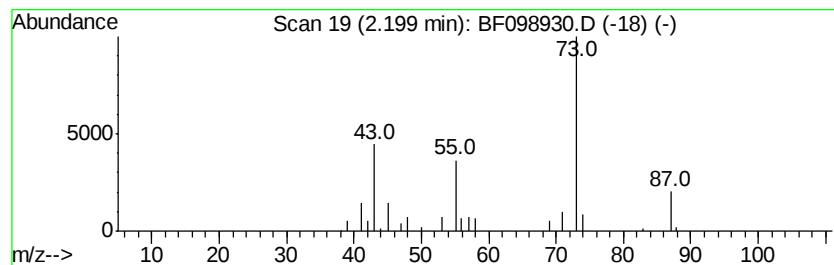
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	4.45 ng	168630	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	16
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
5		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



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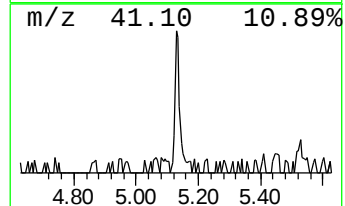
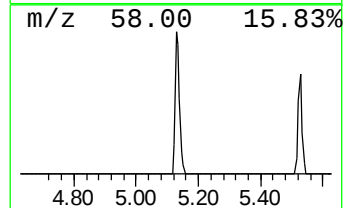
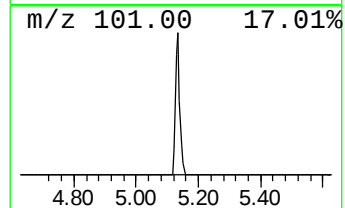
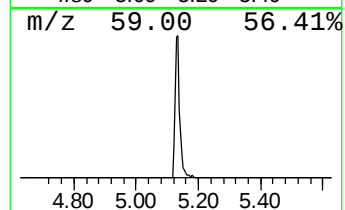
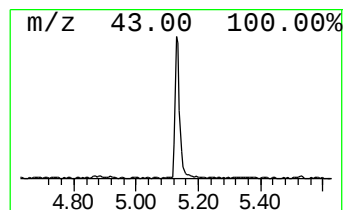
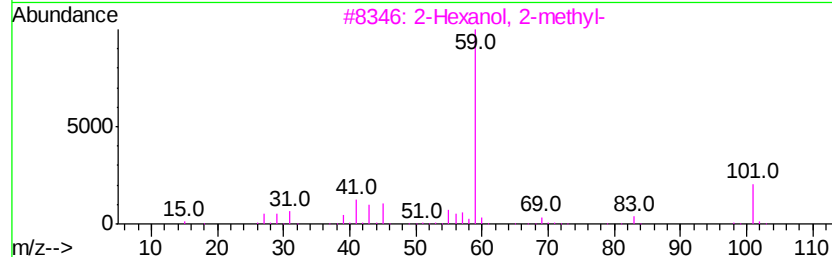
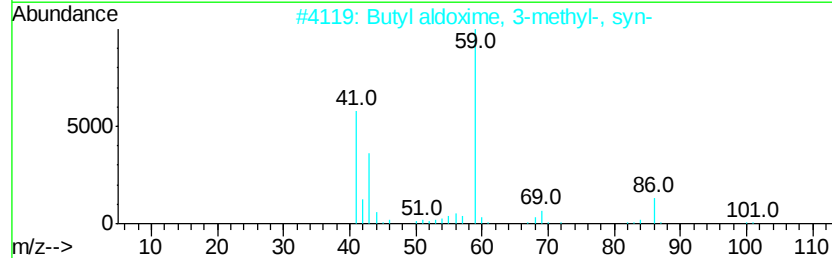
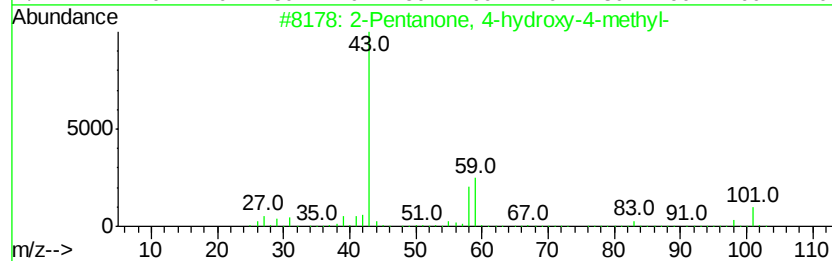
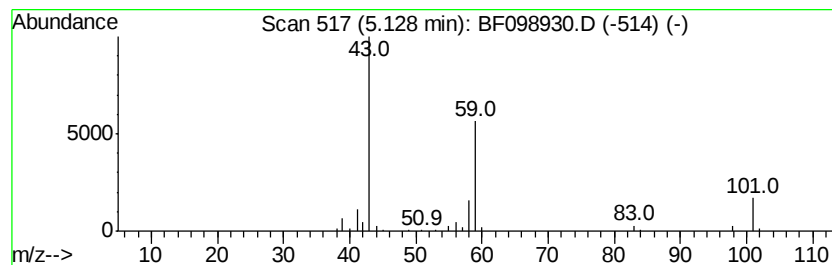
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	2.53 ng	95788	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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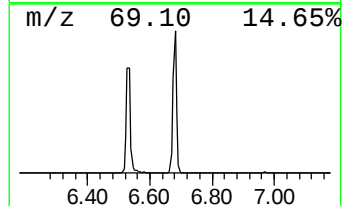
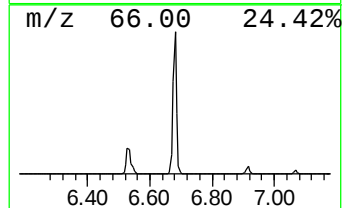
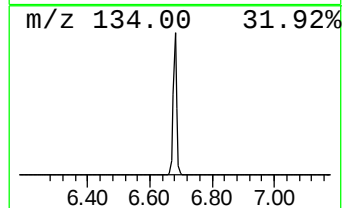
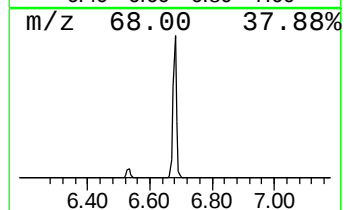
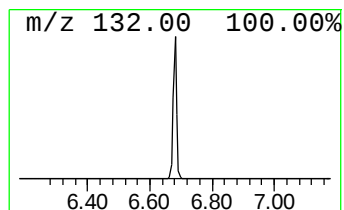
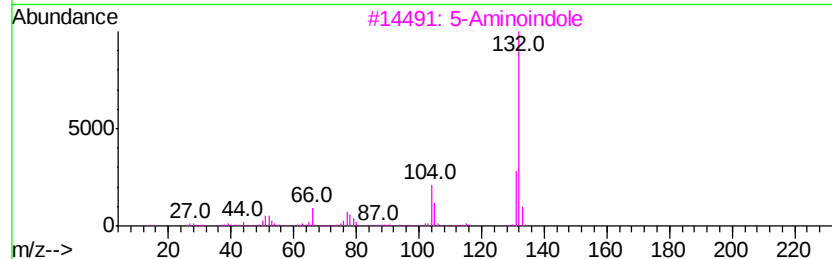
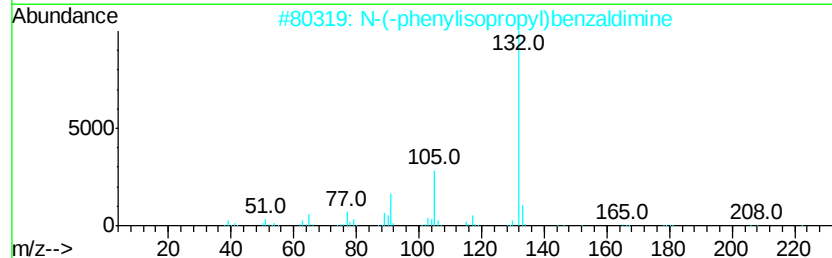
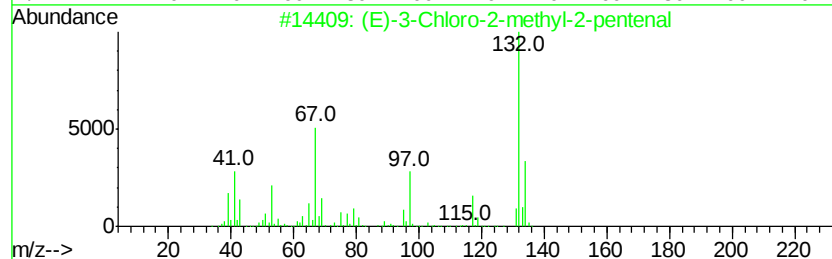
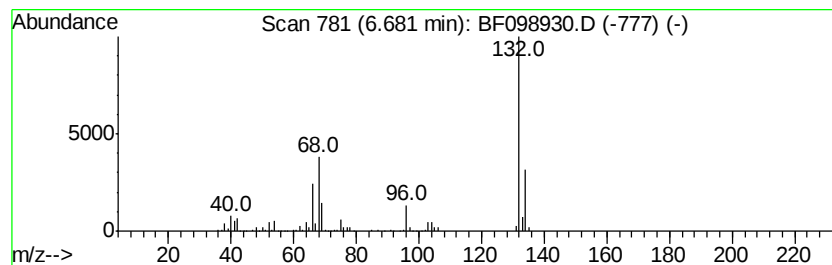
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	15.54 ng	588854	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098930.D
Acq On : 29 Sep 2017 2:12
Operator : SJ/JU
Sample : I5487-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-A

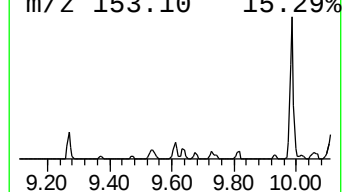
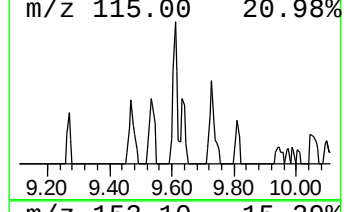
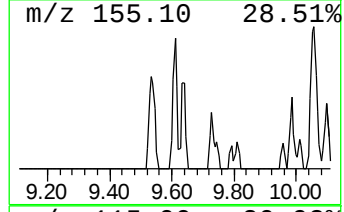
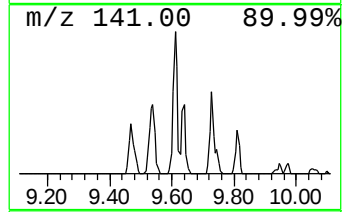
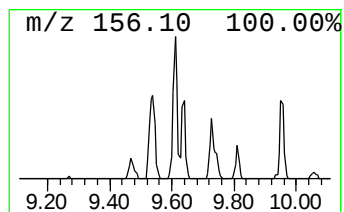
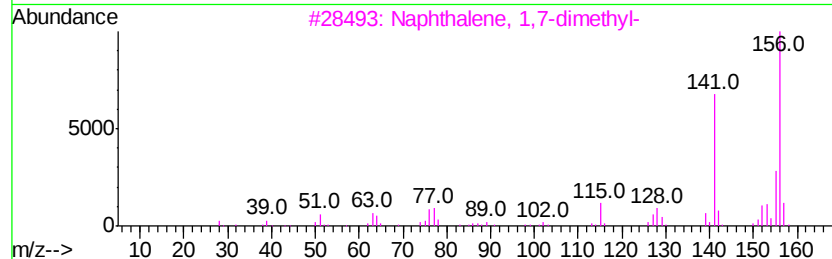
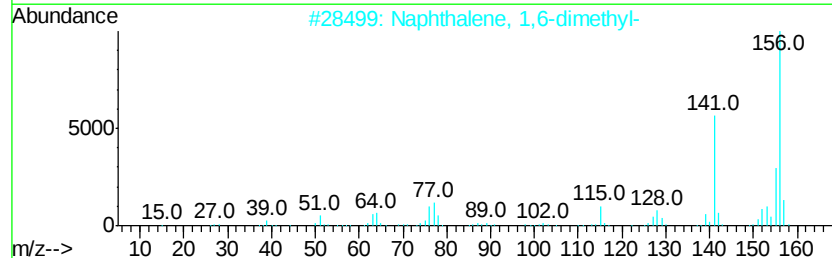
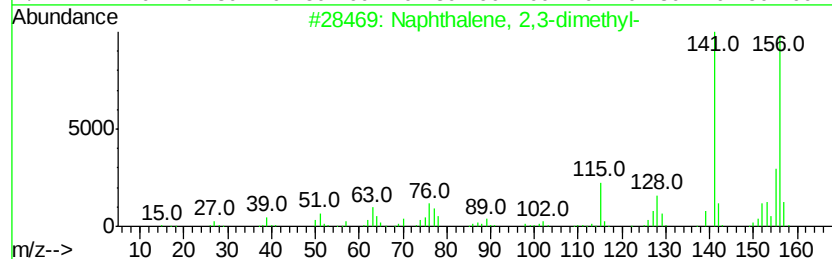
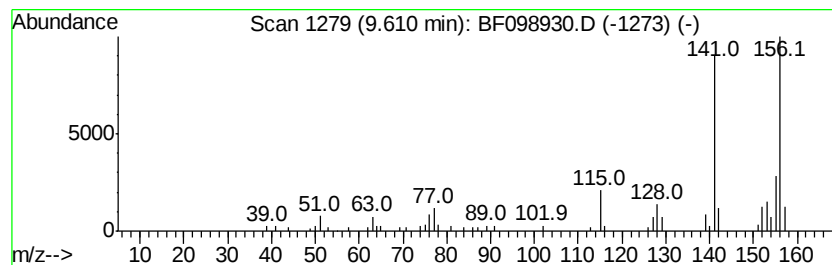
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.01 ng	77224	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098930.D
Acq On : 29 Sep 2017 2:12
Operator : SJ/JU
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ClientSampleId :
CL-02-092717-A

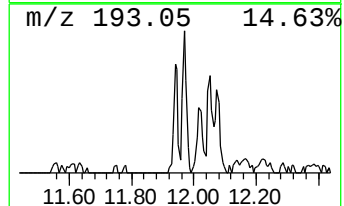
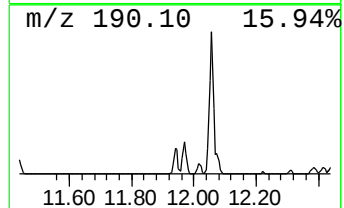
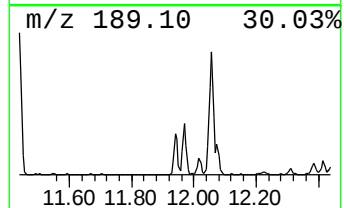
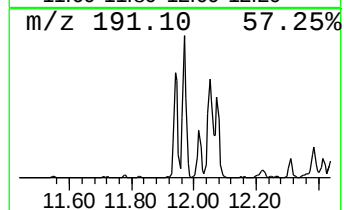
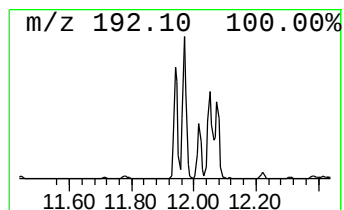
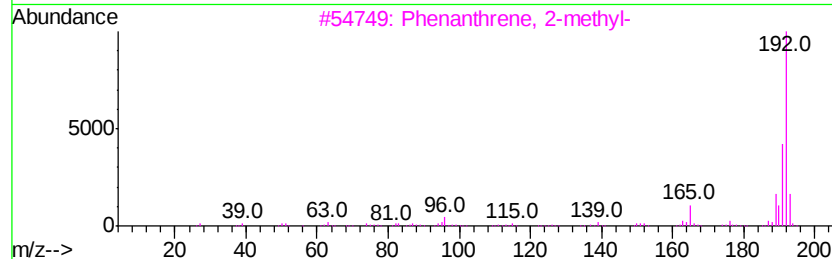
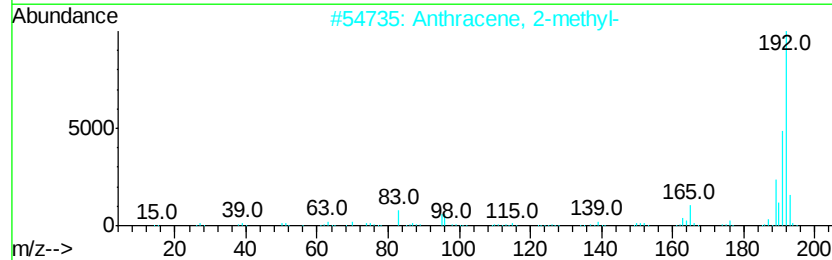
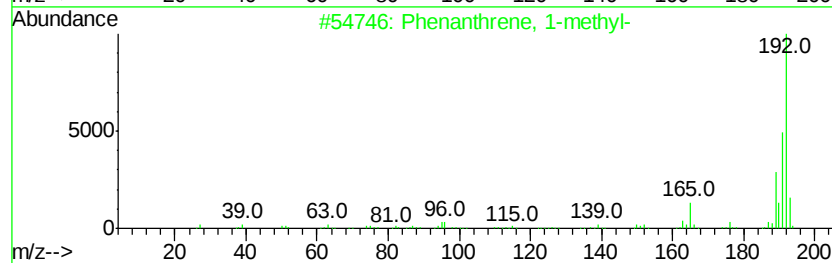
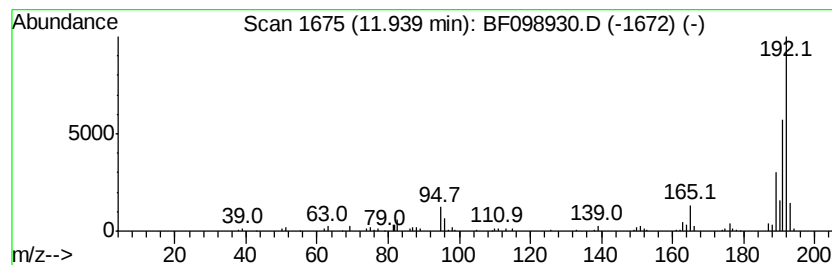
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.02 ng	135718	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098930.D
Acq On : 29 Sep 2017 2:12
Operator : SJ/JU
Sample : I5487-01 5X
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ALS Vial : 19 Sample Multiplier: 1

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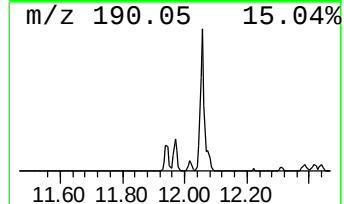
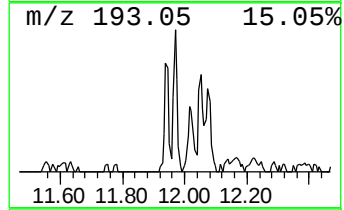
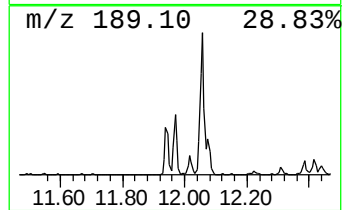
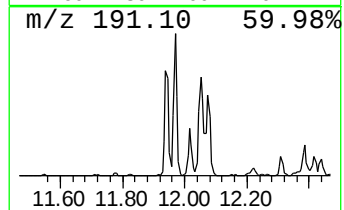
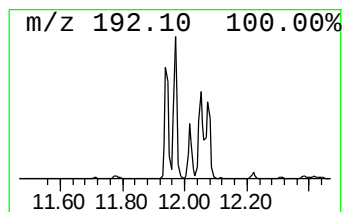
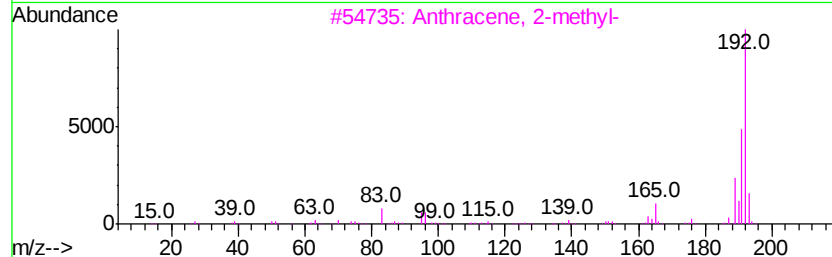
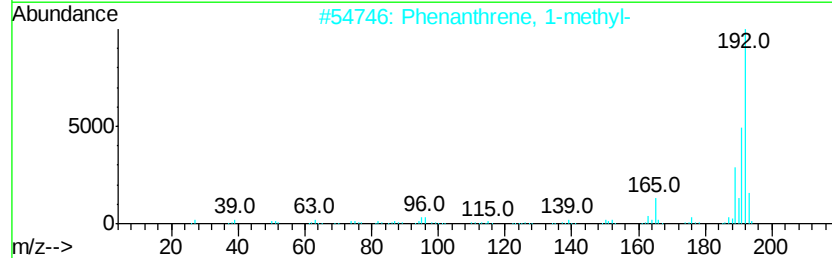
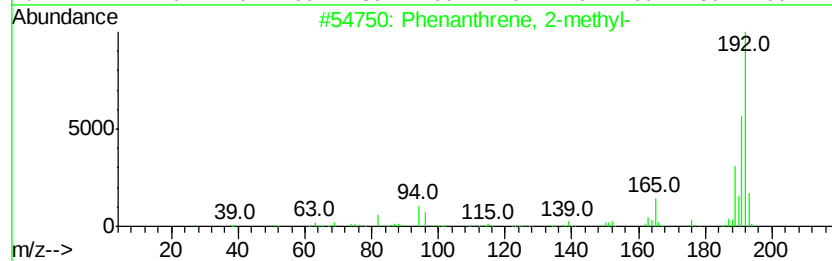
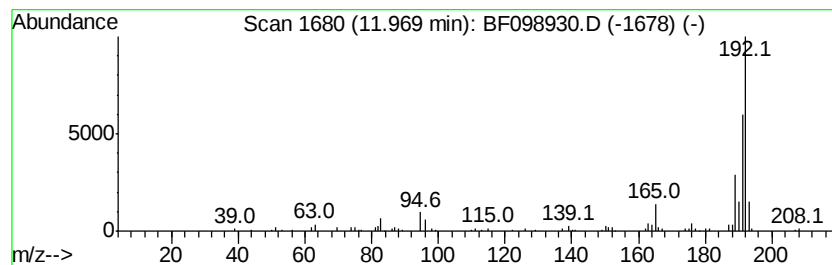
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.36 ng	147354	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098930.D
Acq On : 29 Sep 2017 2:12
Operator : SJ/JU
Sample : I5487-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-092717-A

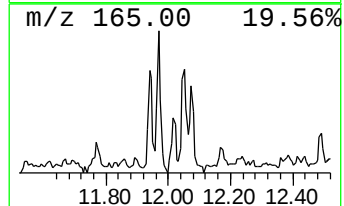
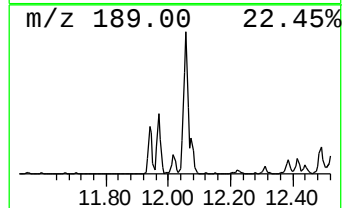
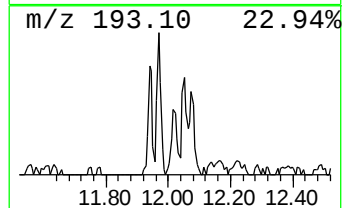
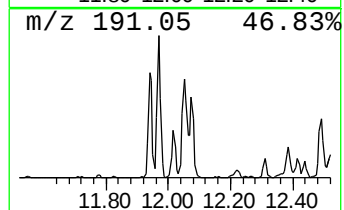
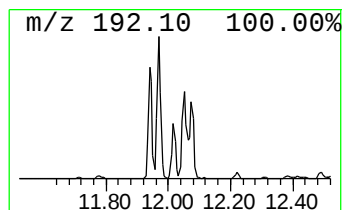
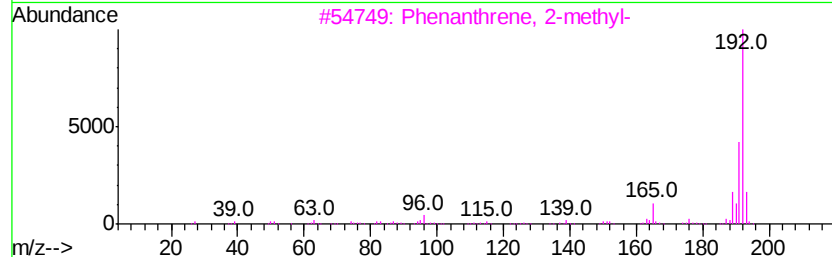
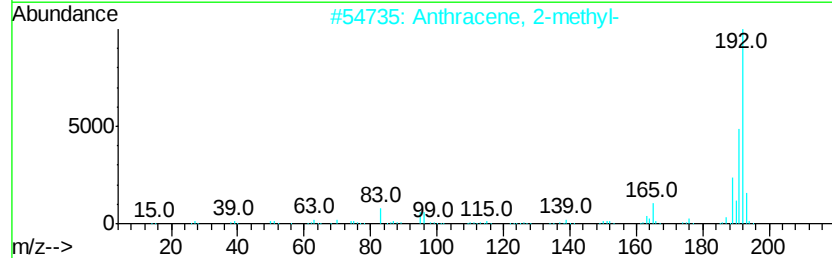
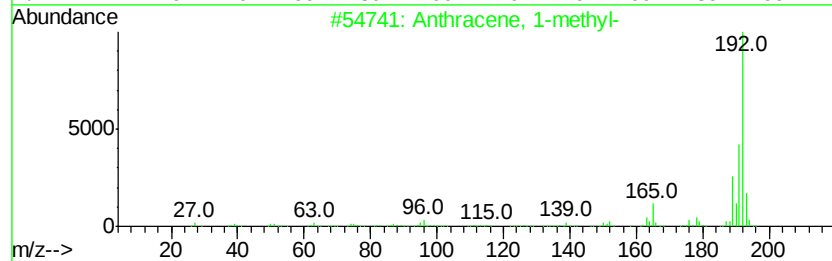
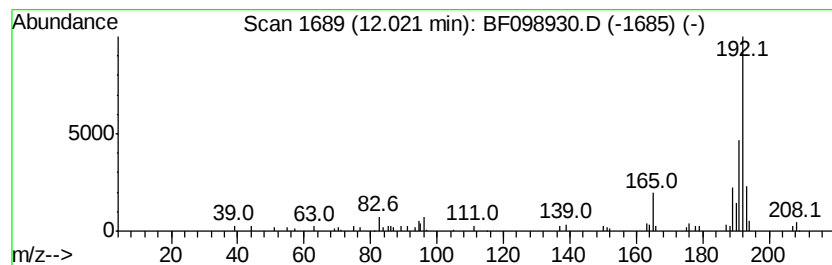
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.01 ng	68098	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098930.D
Acq On : 29 Sep 2017 2:12
Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-092717-A

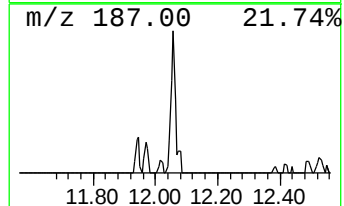
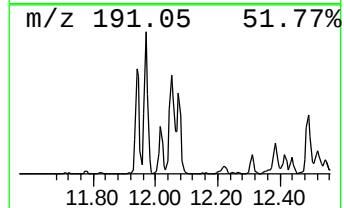
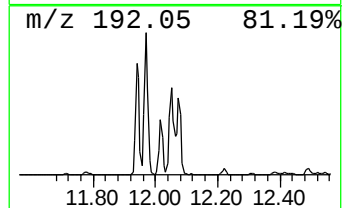
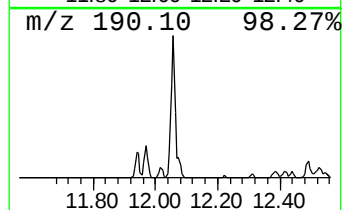
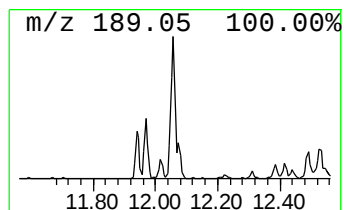
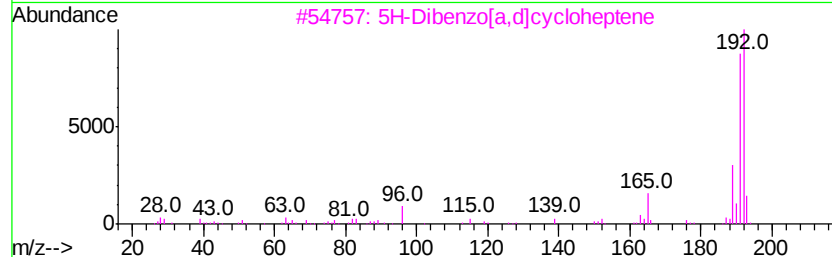
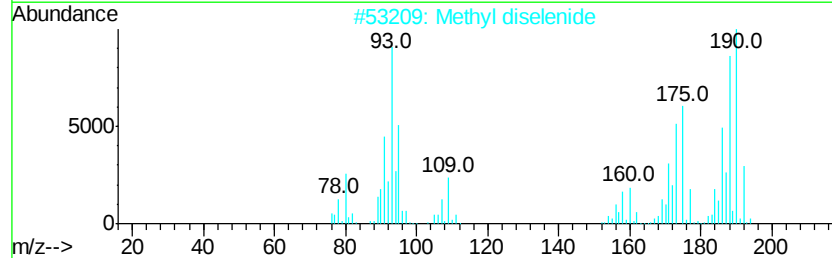
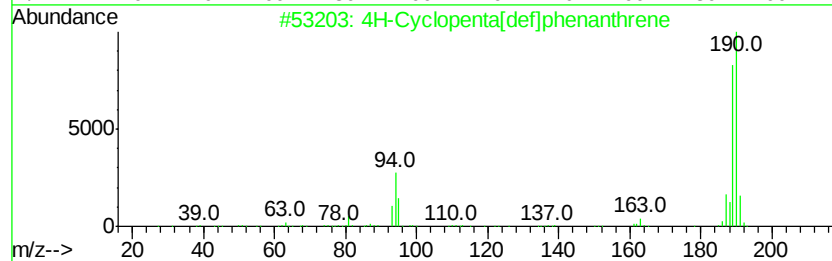
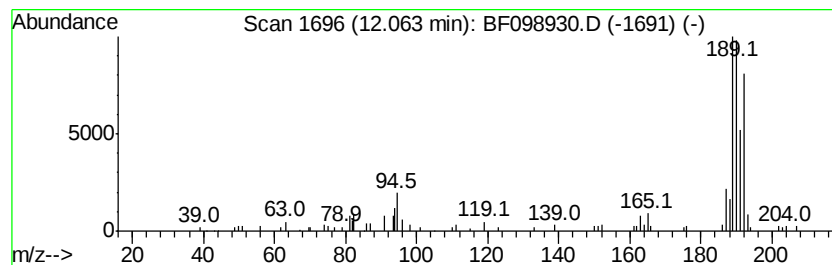
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	7.07 ng	238893	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Methyl diselenide	190	C2H6Se2	007101-31-7	43
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	11
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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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 10 Naphtho[1,2-b]norbornadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.16 ng	73112	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	87
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76

