

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096652.D
 Acq On : 11 Jul 2017 18:54
 Operator : SJ/JU
 Sample : I4069-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6.5-7.0)

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-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.857	467	471	481	rBV	186944	221404	20.20%	1.451%
2	5.287	540	544	555	rBV	1216138	1086811	99.14%	7.123%
3	6.222	700	703	706	rBV2	14297	14120	1.29%	0.093%
4	6.316	715	719	725	rBV	1177830	1065378	97.18%	6.983%
5	6.451	738	742	745	rBV	1296353	1096275	100.00%	7.185%
6	6.545	754	758	764	rBV4	7696	14400	1.31%	0.094%
7	6.681	778	781	785	rBV	716534	614674	56.07%	4.029%
8	6.716	785	787	790	rVB	58303	45975	4.19%	0.301%
9	6.757	790	794	796	rBV2	16438	20404	1.86%	0.134%
10	6.840	804	808	811	rVV	1069086	845811	77.15%	5.544%
11	6.875	811	814	817	rVB2	17421	18692	1.71%	0.123%
12	6.963	825	829	834	rVB3	36260	47001	4.29%	0.308%
13	7.045	840	843	845	rBV3	9365	12638	1.15%	0.083%
14	7.081	847	849	852	rVV3	20563	18450	1.68%	0.121%
15	7.240	868	876	880	rBV	781907	699783	63.83%	4.587%
16	7.275	880	882	884	rVV	20761	22642	2.07%	0.148%
17	7.334	888	892	898	rBV5	31643	52595	4.80%	0.345%
18	7.387	898	901	903	rBV4	18399	20002	1.82%	0.131%
19	7.410	903	905	909	rVV3	23687	21852	1.99%	0.143%
20	7.451	909	912	915	rVV2	12528	15386	1.40%	0.101%
21	7.481	915	917	919	rVV	40429	42280	3.86%	0.277%
22	7.498	919	920	924	rVB	40537	22193	2.02%	0.145%
23	7.592	932	936	937	rBV4	18112	18895	1.72%	0.124%
24	7.610	937	939	944	rVB4	52344	54212	4.95%	0.355%
25	7.663	944	948	949	rBV3	22001	28593	2.61%	0.187%
26	7.739	957	961	963	rBV3	18922	19521	1.78%	0.128%
27	7.804	969	972	976	rVB3	21057	20876	1.90%	0.137%
28	7.845	976	979	980	rBV2	13997	14438	1.32%	0.095%
29	7.963	995	999	1004	rBV	934852	824036	75.17%	5.401%
30	8.010	1004	1007	1008	rVV3	19029	18857	1.72%	0.124%
31	8.045	1011	1013	1016	rVV	159622	122871	11.21%	0.805%
32	8.098	1020	1022	1024	rVB3	19862	16484	1.50%	0.108%
33	8.145	1024	1030	1032	rBV3	31552	39897	3.64%	0.262%
34	8.181	1033	1036	1039	rVB	63010	48433	4.42%	0.317%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.263	1046	1050	1053	rVB4	33405	42445	3.87%	0.278%
36	8.292	1053	1055	1058	rVB3	18481	16166	1.47%	0.106%
37	8.328	1058	1061	1062	rBV2	24867	22615	2.06%	0.148%
38	8.404	1071	1074	1083	rVB	206073	230817	21.05%	1.513%
39	8.475	1083	1086	1089	rBV3	30221	28064	2.56%	0.184%
40	8.516	1089	1093	1098	rBV4	70555	86263	7.87%	0.565%
41	8.581	1100	1104	1106	rBV4	20145	28231	2.58%	0.185%
42	8.669	1116	1119	1122	rVB3	49369	58861	5.37%	0.386%
43	8.716	1124	1127	1130	rBV2	26008	31297	2.85%	0.205%
44	8.857	1148	1151	1153	rBV3	27730	26800	2.44%	0.176%
45	8.963	1167	1169	1171	rBV2	27311	19559	1.78%	0.128%
46	9.004	1172	1176	1179	rVB	147012	121745	11.11%	0.798%
47	9.039	1179	1182	1185	rBV	1156330	920382	83.96%	6.033%
48	9.128	1193	1197	1203	rBV5	64346	113894	10.39%	0.747%
49	9.181	1204	1206	1211	rVV5	16426	20303	1.85%	0.133%
50	9.381	1238	1240	1245	rVB6	13445	17755	1.62%	0.116%
51	9.434	1246	1249	1251	rBV	158012	130800	11.93%	0.857%
52	9.457	1251	1253	1256	rVB	126748	89944	8.20%	0.590%
53	9.545	1265	1268	1269	rVB3	17100	13626	1.24%	0.089%
54	9.586	1269	1275	1278	rBV3	26673	53068	4.84%	0.348%
55	9.633	1281	1283	1286	rVB2	63925	51817	4.73%	0.340%
56	9.669	1286	1289	1292	rVB3	25937	28731	2.62%	0.188%
57	9.716	1292	1297	1301	rBV	770959	711103	64.87%	4.661%
58	9.922	1330	1332	1341	rVB7	21237	33346	3.04%	0.219%
59	9.986	1341	1343	1347	rBV5	20740	18498	1.69%	0.121%
60	10.163	1370	1373	1375	rBV	21703	19298	1.76%	0.126%
61	10.257	1387	1389	1392	rBV2	18114	15283	1.39%	0.100%
62	10.381	1407	1410	1414	rVV	34162	35674	3.25%	0.234%
63	10.416	1414	1416	1421	rVB5	10013	14345	1.31%	0.094%
64	10.498	1426	1430	1435	rBV	452143	413366	37.71%	2.709%
65	10.645	1450	1455	1460	rVB	46817	69521	6.34%	0.456%
66	10.998	1512	1515	1520	rVB4	11880	18561	1.69%	0.122%
67	11.086	1526	1530	1532	rBV2	12568	15750	1.44%	0.103%
68	11.110	1532	1534	1537	rVB2	17191	15548	1.42%	0.102%
69	11.192	1544	1548	1550	rBV	632041	513017	46.80%	3.363%
70	11.216	1550	1552	1556	rVB	204390	159973	14.59%	1.049%
71	11.269	1557	1561	1564	rVB	39979	40102	3.66%	0.263%

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72	11.422	1584	1587	1590	rBV	15270	13454	1.23%	0.088%
73	11.692	1630	1633	1635	rBV	27598	24481	2.23%	0.160%
74	11.722	1635	1638	1643	rVB2	41643	55341	5.05%	0.363%
75	11.804	1648	1652	1654	rVV	42581	48008	4.38%	0.315%
76	11.827	1654	1656	1661	rVB	24799	23096	2.11%	0.151%
77	11.986	1681	1683	1685	rBV	17443	15110	1.38%	0.099%
78	12.010	1685	1687	1691	rVB2	22197	19196	1.75%	0.126%
79	12.139	1704	1709	1713	rBV5	18961	23238	2.12%	0.152%
80	12.245	1723	1727	1729	rBV	24304	26898	2.45%	0.176%
81	12.322	1738	1740	1745	rVB3	20866	22325	2.04%	0.146%
82	12.398	1749	1753	1757	rVB	333844	287809	26.25%	1.886%
83	12.516	1771	1773	1775	rBV3	13961	15315	1.40%	0.100%
84	12.627	1786	1792	1795	rBV	284722	319946	29.18%	2.097%
85	12.745	1809	1812	1814	rBV2	25275	31590	2.88%	0.207%
86	12.774	1814	1817	1821	rVV	786734	680876	62.11%	4.463%
87	12.845	1824	1829	1832	rBV4	27062	41405	3.78%	0.271%
88	12.916	1837	1841	1842	rVV4	18856	22807	2.08%	0.149%
89	12.957	1846	1848	1852	rVB	44549	41517	3.79%	0.272%
90	13.022	1857	1859	1862	rVB3	25151	19826	1.81%	0.130%
91	13.057	1862	1865	1868	rBV	45443	48696	4.44%	0.319%
92	13.151	1878	1881	1884	rVB2	25381	24716	2.25%	0.162%
93	13.180	1884	1886	1890	rBV3	25262	25882	2.36%	0.170%
94	13.457	1931	1933	1937	rBV	27133	30749	2.80%	0.202%
95	13.569	1948	1952	1955	rBV2	38762	57752	5.27%	0.379%
96	13.821	1990	1995	1998	rBV2	753823	839035	76.54%	5.499%
97	13.845	1998	1999	2002	rVB	150858	88338	8.06%	0.579%
98	14.827	2163	2166	2176	rBV	147983	286901	26.17%	1.880%
99	15.104	2211	2213	2219	rVB	131017	166169	15.16%	1.089%
100	15.227	2230	2234	2236	rBV	394675	463926	42.32%	3.041%

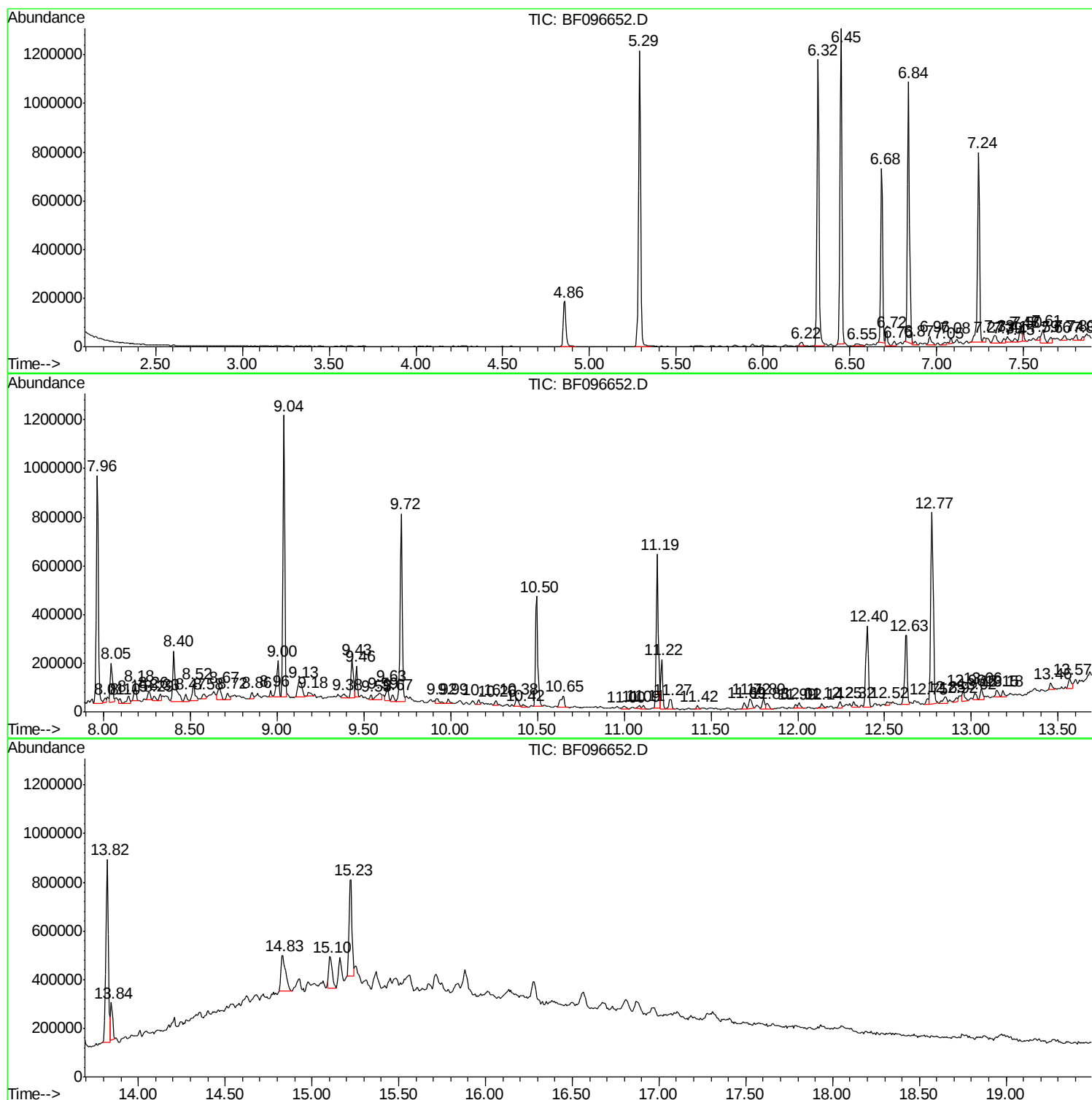
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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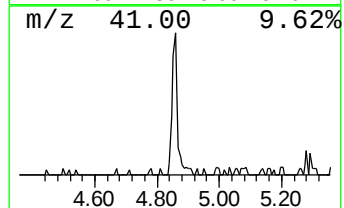
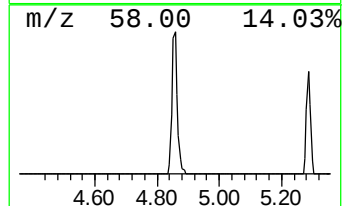
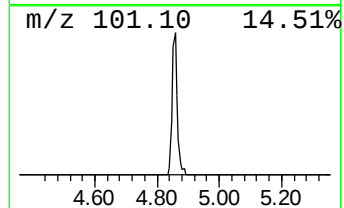
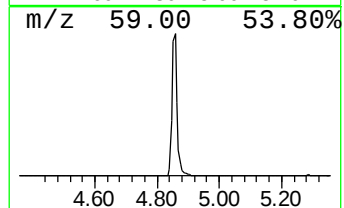
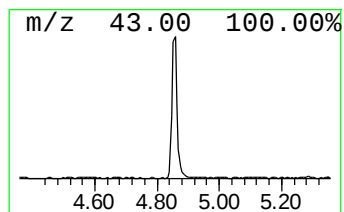
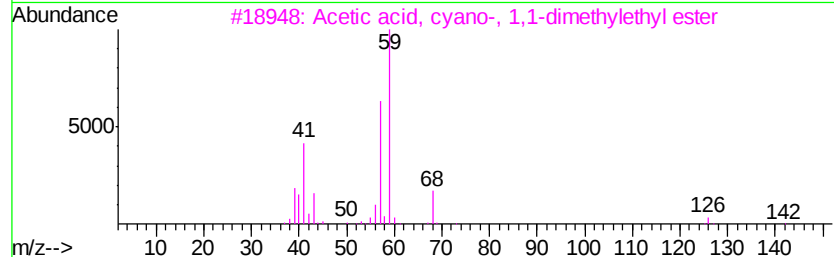
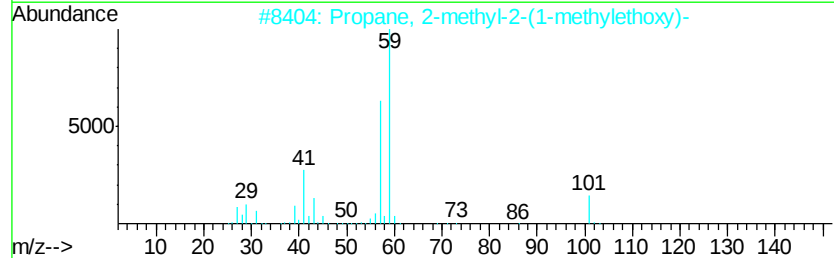
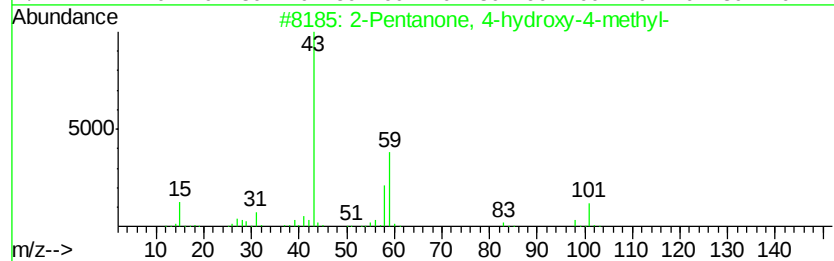
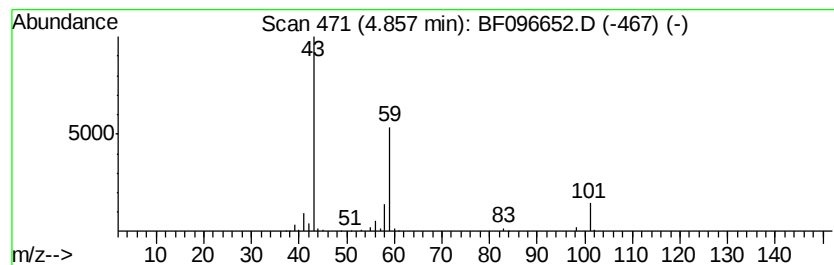
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.20 ng	221404	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9



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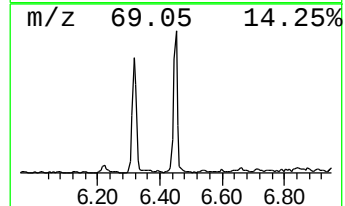
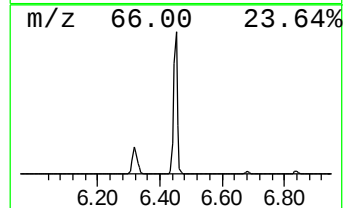
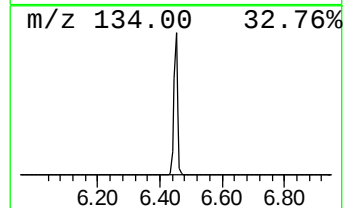
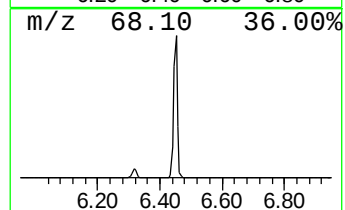
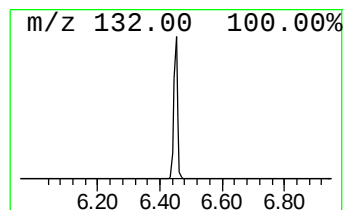
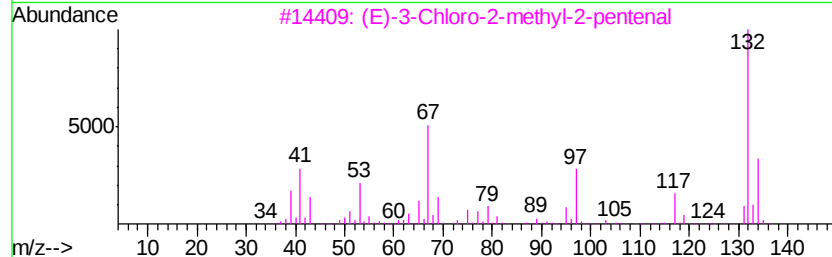
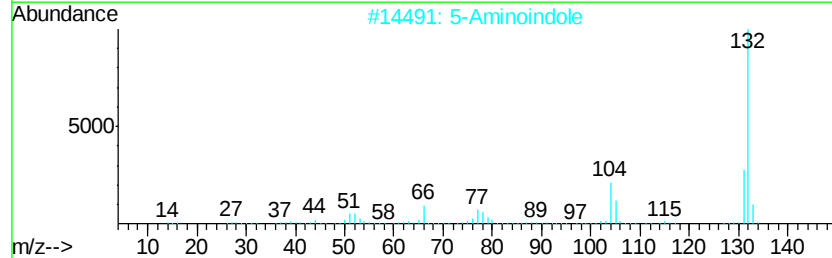
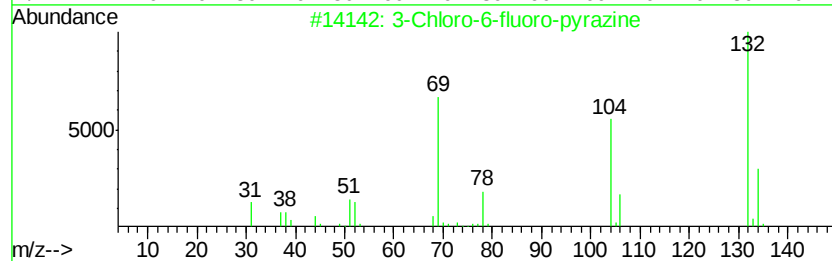
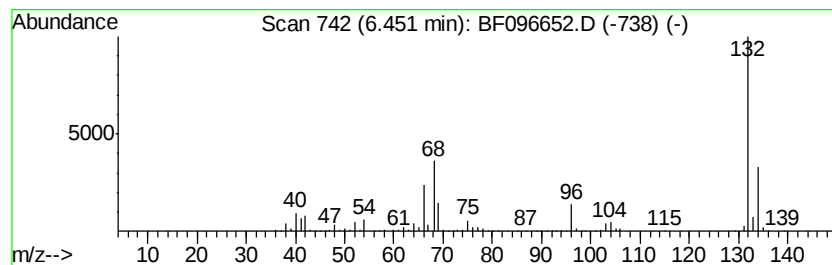
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	35.67 ng	1096280	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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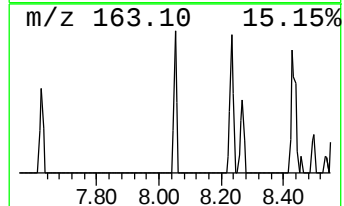
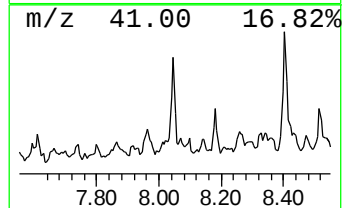
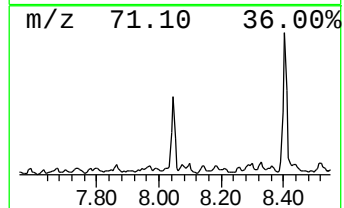
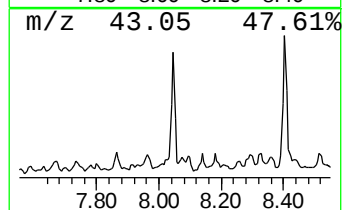
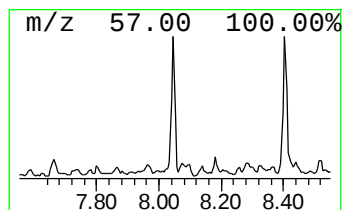
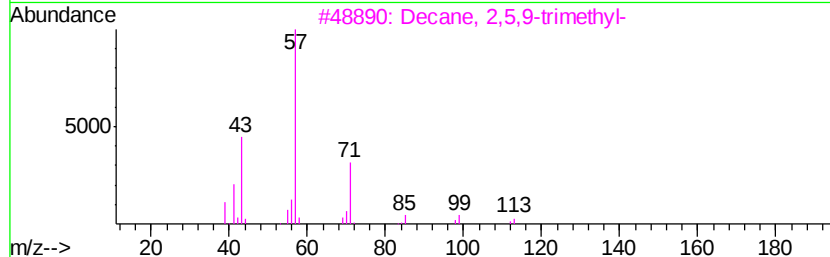
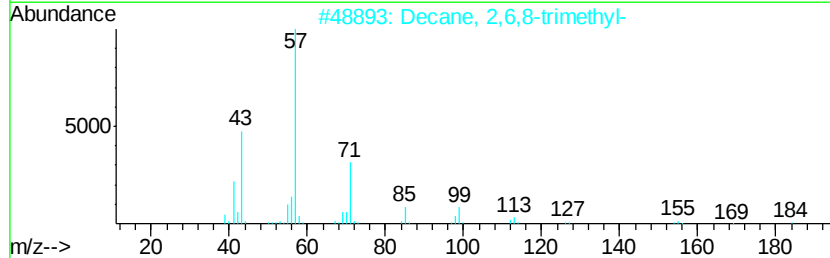
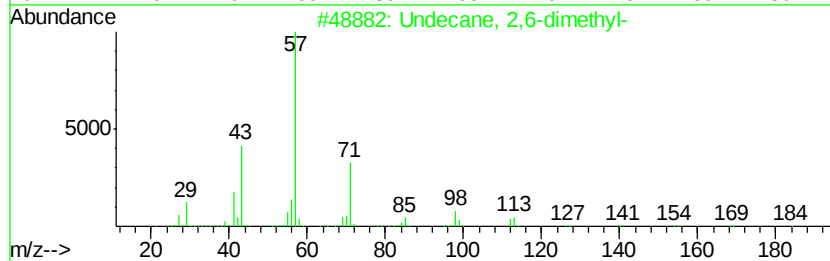
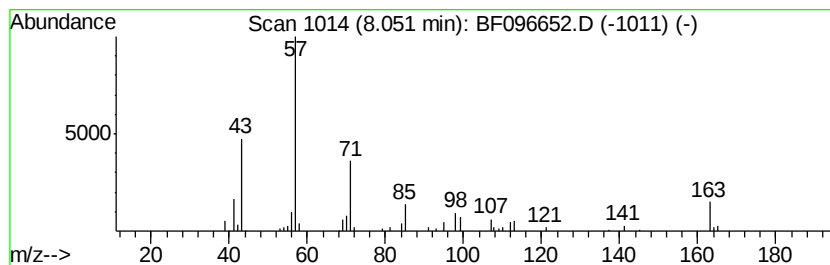
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	2.98 ng	122871	Napthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3(6.5-7.0)

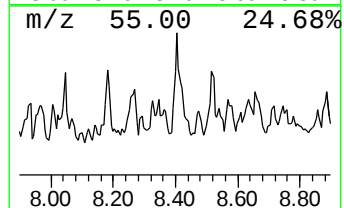
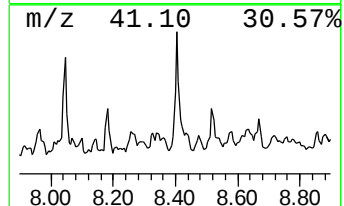
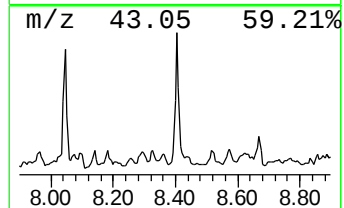
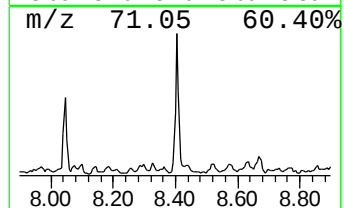
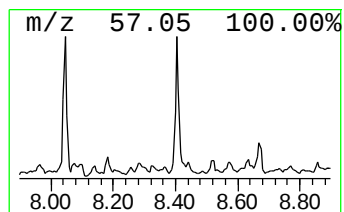
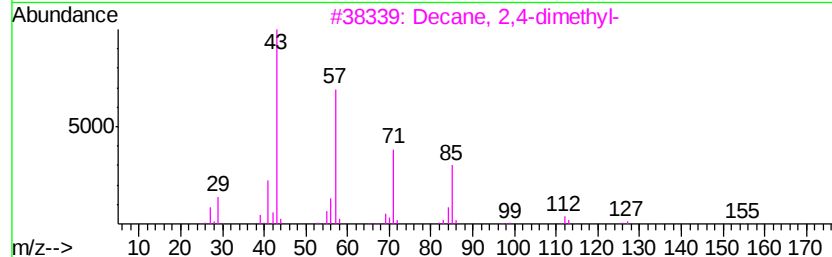
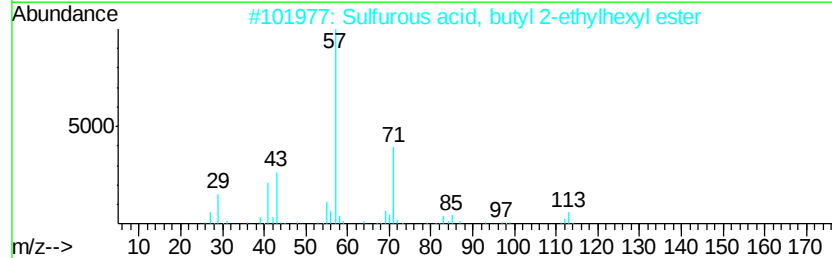
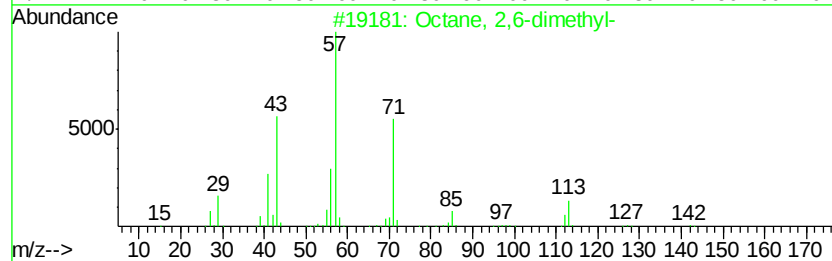
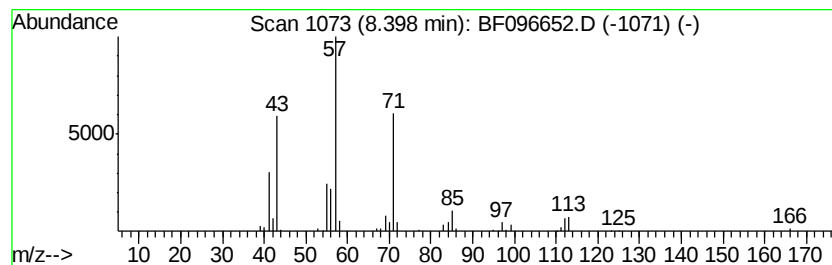
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	5.60 ng	230817	Napthalene-d8	7.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3(6.5-7.0)

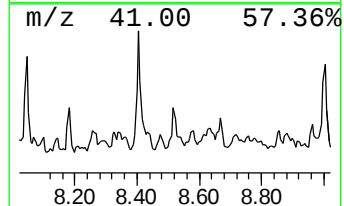
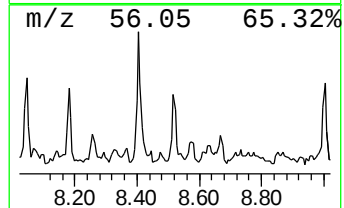
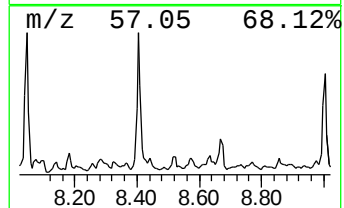
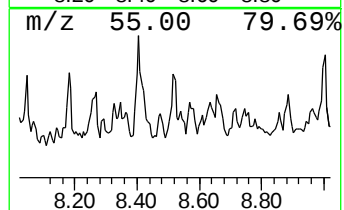
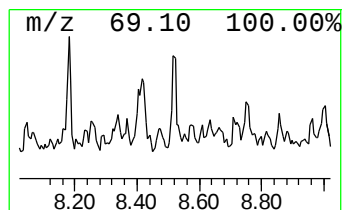
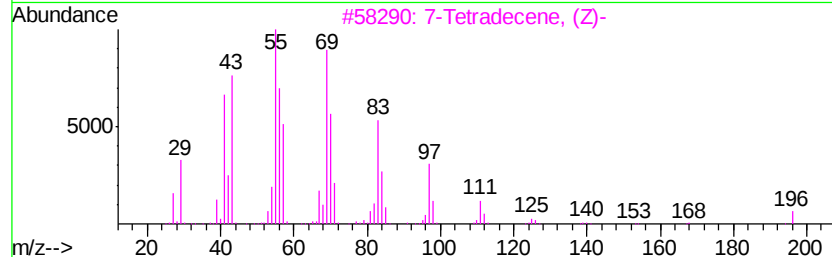
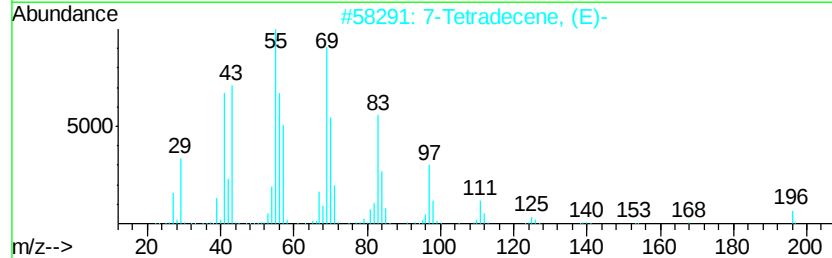
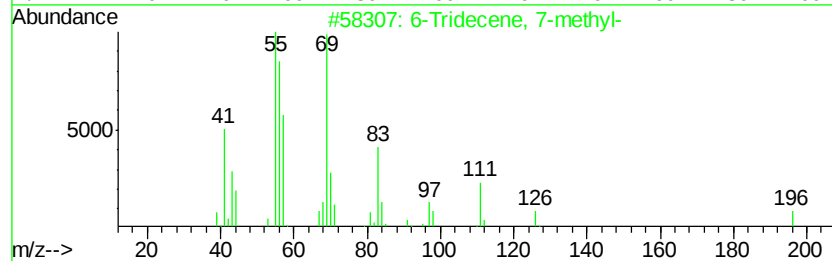
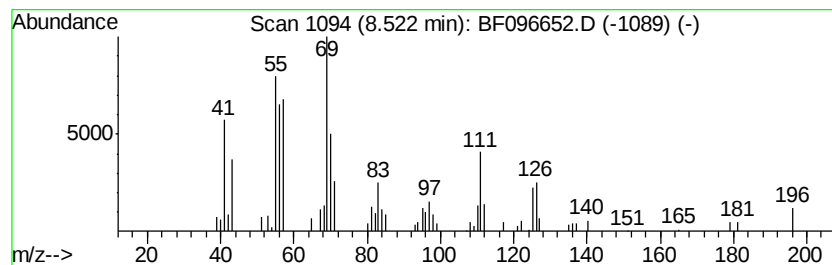
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6-Tridecene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.09 ng	86263	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	81
2		7-Tetradecene, (E)-	196	C14H28	041446-63-3	62
3		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	62
4		Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	60
5		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3(6.5-7.0)

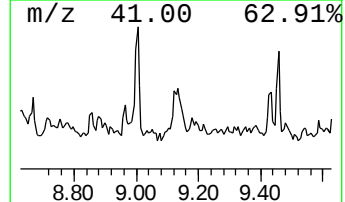
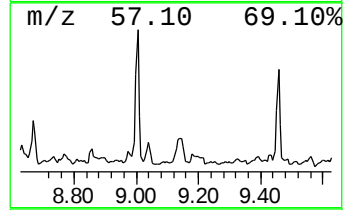
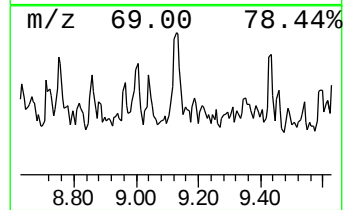
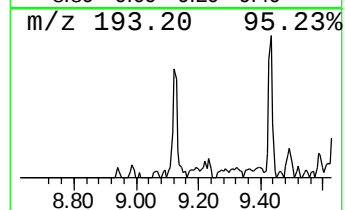
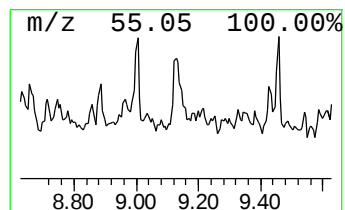
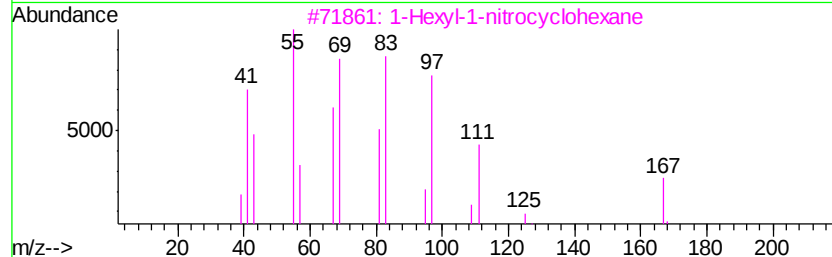
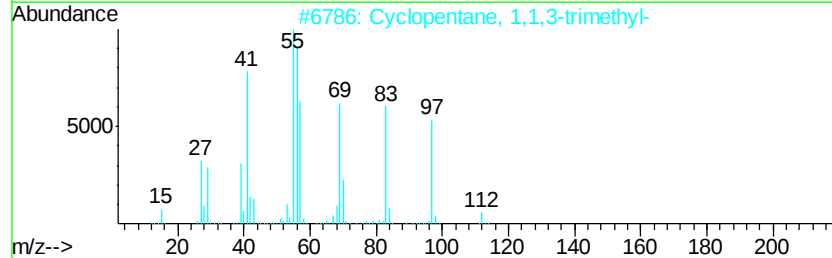
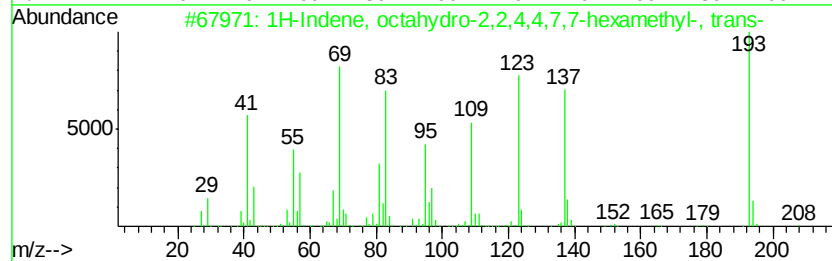
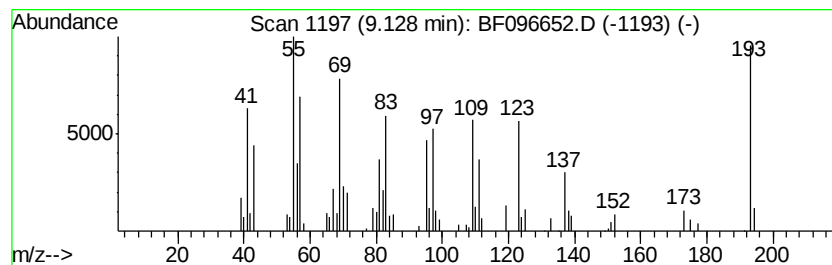
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, octahydro-2,2,4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	3.20 ng	113894	Acenaphthene-d10	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	64
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	42
3		1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	35
4		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	30
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
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Operator : SJ/JU
Sample : I4069-05 2X
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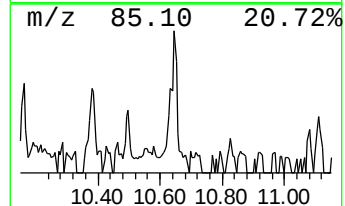
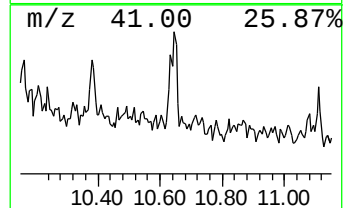
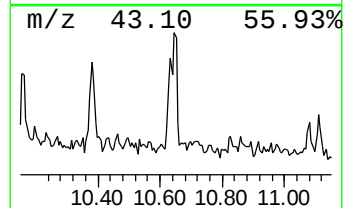
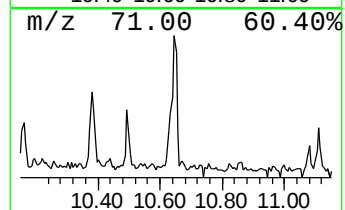
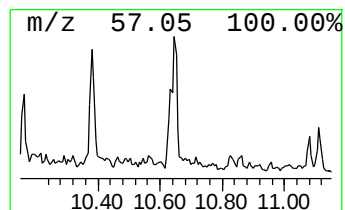
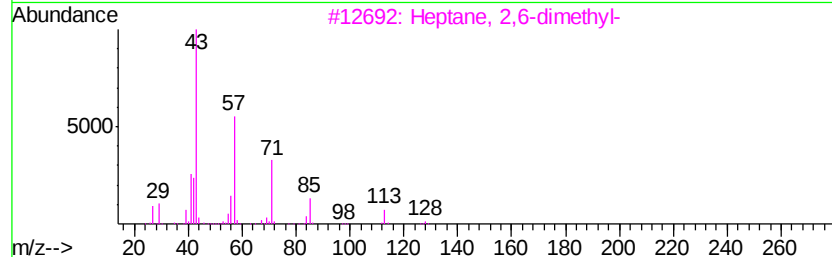
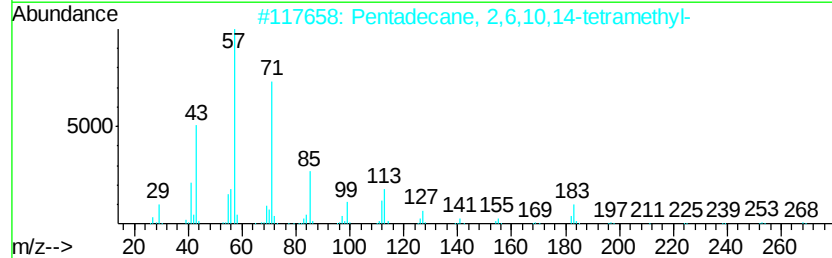
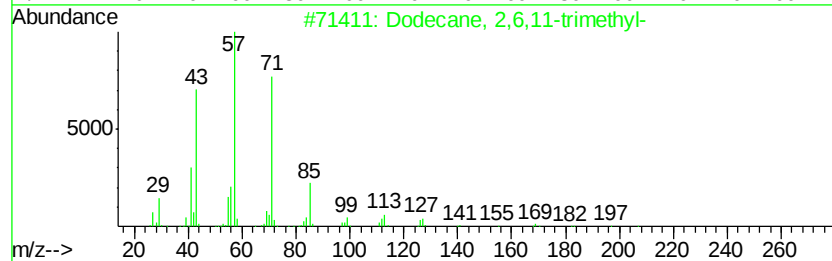
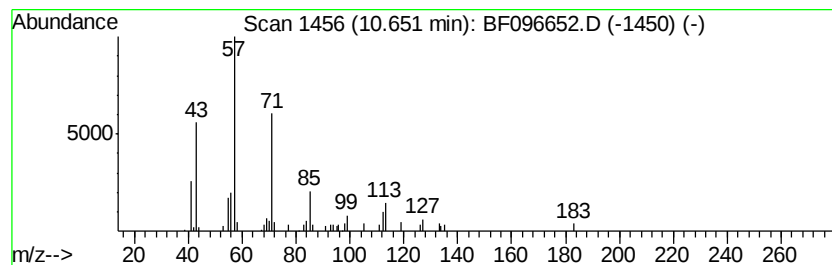
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ClientSampleId :
SB-3(6.5-7.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.65	2.71 ng	69521	Phenanthrene-d10	11.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80	
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72	
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72	
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64	
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
Sample : I4069-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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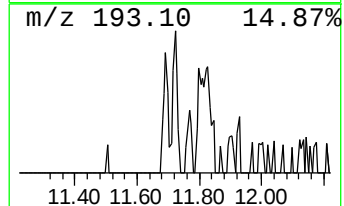
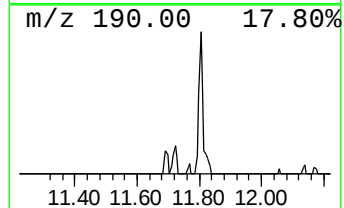
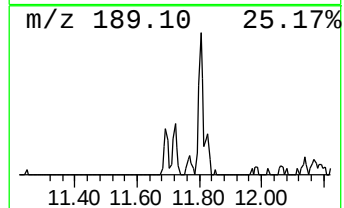
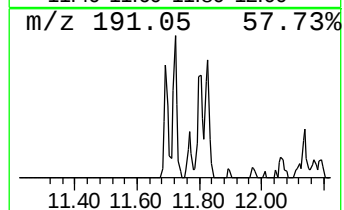
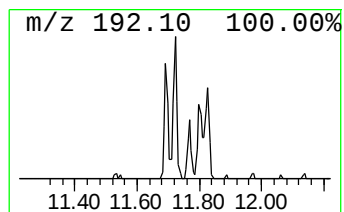
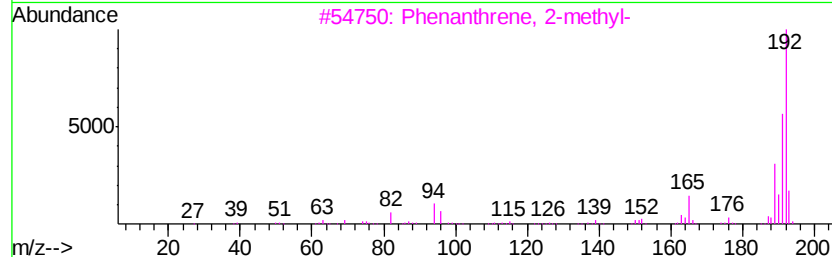
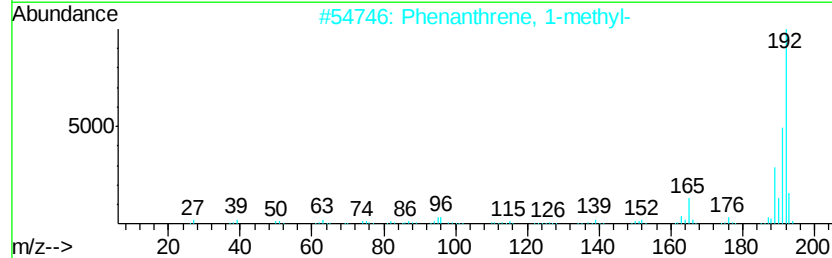
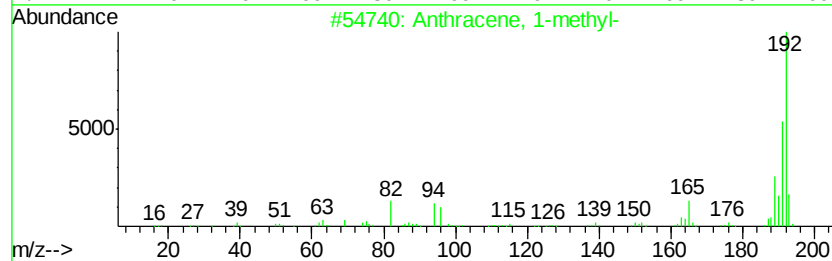
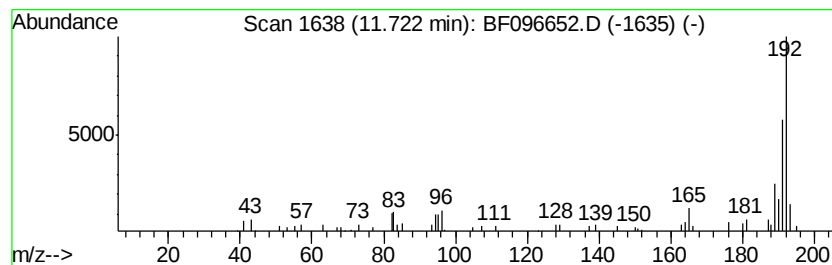
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.16 ng	55341	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096652.D
Acq On : 11 Jul 2017 18:54
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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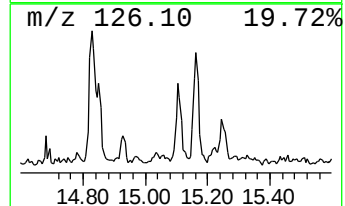
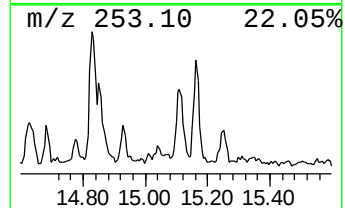
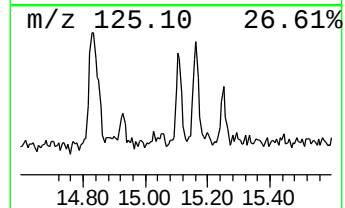
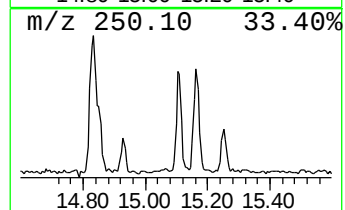
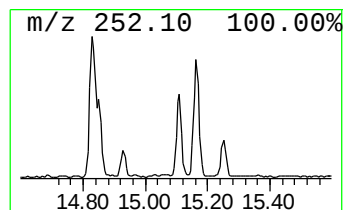
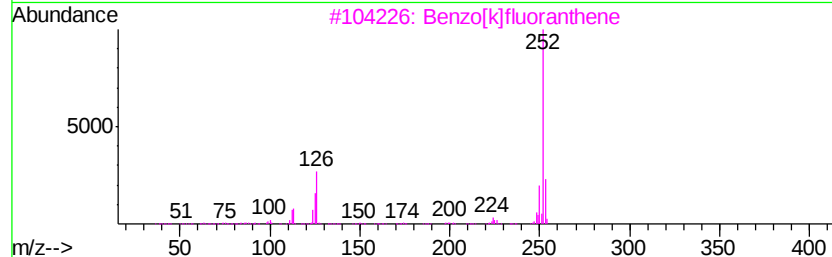
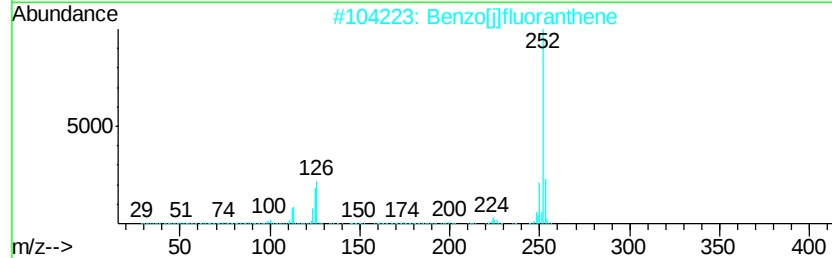
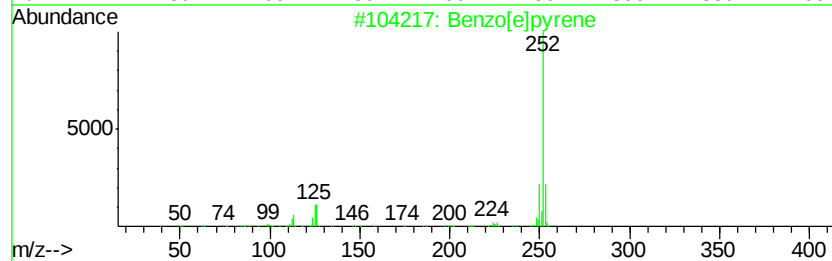
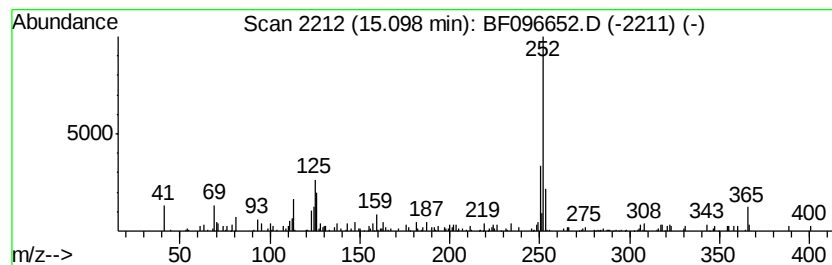
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.16 ng	166169	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3(6.5-7.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	7.2	ng	221404	1	6.68	614674	20.0
unknown6.45	6.45	35.7	ng	1096280	1	6.68	614674	20.0
Undecane, 2,6-dim...	8.05	3.0	ng	122871	2	7.96	824036	20.0
Octane, 2,6-dimet...	8.40	5.6	ng	230817	2	7.96	824036	20.0
6-Tridecene, 7-me...	8.52	2.1	ng	86263	2	7.96	824036	20.0
1H-Indene, octahy...	9.13	3.2	ng	113894	3	9.72	711103	20.0
Dodecane, 2,6,11-...	10.65	2.7	ng	69521	4	11.19	513017	20.0
Anthracene, 1-met...	11.72	2.2	ng	55341	4	11.19	513017	20.0
Benzo[e]pyrene	15.10	7.2	ng	166169	6	15.23	463926	20.0