

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096303.D
 Acq On : 29 Jun 2017 20:35
 Operator : SJ/MA
 Sample : I3882-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G51-0-1.5

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-BF062717.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	2.122	4	6	15	rVB3	24299	40675	1.65%	0.136%
2	3.793	284	290	297	rBV	38521	61892	2.52%	0.207%
3	4.334	378	382	387	rVB	27817	34135	1.39%	0.114%
4	4.957	485	488	497	rVB	466920	554731	22.55%	1.860%
5	5.381	552	560	563	rBV	2678795	2459468	100.00%	8.245%
6	5.693	608	613	615	rBV2	23335	27441	1.12%	0.092%
7	6.363	721	727	728	rBV	44797	53746	2.19%	0.180%
8	6.398	728	733	736	rVB	2628398	2352003	95.63%	7.884%
9	6.540	752	757	760	rBV	2444564	2346545	95.41%	7.866%
10	6.598	764	767	769	rBV	38049	32480	1.32%	0.109%
11	6.769	792	796	799	rBV	1245295	1005179	40.87%	3.370%
12	6.834	804	807	811	rBV3	32074	32550	1.32%	0.109%
13	6.928	819	823	826	rBV	2109998	1766335	71.82%	5.921%
14	7.169	860	864	867	rBV3	40055	33154	1.35%	0.111%
15	7.328	883	891	894	rBV	1665887	1489571	60.56%	4.993%
16	7.381	897	900	903	rVV	47927	42539	1.73%	0.143%
17	7.416	903	906	911	rVB4	43145	45138	1.84%	0.151%
18	7.957	994	998	1002	rVB	39753	39410	1.60%	0.132%
19	8.051	1010	1014	1017	rBV	1666757	1386927	56.39%	4.649%
20	8.075	1017	1018	1020	rVB	71209	31078	1.26%	0.104%
21	8.487	1085	1088	1093	rBV	36424	37667	1.53%	0.126%
22	8.657	1114	1117	1119	rBV	48819	39011	1.59%	0.131%
23	8.763	1131	1135	1139	rVB	81164	65946	2.68%	0.221%
24	8.863	1149	1152	1156	rVB	54552	41869	1.70%	0.140%
25	9.128	1192	1197	1200	rBV	2759974	2251113	91.53%	7.546%
26	9.222	1209	1213	1218	rVB2	90056	81842	3.33%	0.274%
27	9.386	1238	1241	1246	rBV2	31707	50333	2.05%	0.169%
28	9.463	1251	1254	1257	rBV	45742	45384	1.85%	0.152%
29	9.492	1257	1259	1261	rVB	37518	27269	1.11%	0.091%
30	9.516	1261	1263	1266	rBV	316622	277063	11.27%	0.929%
31	9.663	1285	1288	1290	rVB	76724	55224	2.25%	0.185%
32	9.751	1300	1303	1306	rVB	111815	91639	3.73%	0.307%
33	9.804	1306	1312	1315	rBV	1385446	1237666	50.32%	4.149%
34	9.833	1315	1317	1321	rVB	60439	55715	2.27%	0.187%

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35	10.010	1344	1347	1350	rVB	89271	80028	3.25%	0.268%
36	10.045	1350	1353	1355	rBV2	29258	30333	1.23%	0.102%
37	10.081	1355	1359	1362	rVV3	29985	41947	1.71%	0.141%
38	10.151	1368	1371	1374	rVB3	28045	27753	1.13%	0.093%
39	10.216	1379	1382	1385	rVV4	26397	36111	1.47%	0.121%
40	10.245	1385	1387	1390	rVB	136236	116778	4.75%	0.391%
41	10.345	1402	1404	1407	rBV	60481	49259	2.00%	0.165%
42	10.433	1417	1419	1422	rVB	78600	54621	2.22%	0.183%
43	10.469	1422	1425	1429	rBV2	62437	71124	2.89%	0.238%
44	10.510	1429	1432	1437	rVB4	33072	47703	1.94%	0.160%
45	10.586	1441	1445	1449	rVV	1251989	1050415	42.71%	3.521%
46	10.628	1449	1452	1456	rVV	294448	232560	9.46%	0.780%
47	10.722	1464	1468	1469	rBV	179313	166218	6.76%	0.557%
48	11.086	1527	1530	1535	rVB2	41029	45160	1.84%	0.151%
49	11.139	1535	1539	1540	rBV2	34654	40039	1.63%	0.134%
50	11.169	1541	1544	1547	rVV2	134288	141758	5.76%	0.475%
51	11.198	1547	1549	1553	rVB	62444	60411	2.46%	0.203%
52	11.286	1560	1564	1566	rBV	956379	937058	38.10%	3.141%
53	11.310	1566	1568	1571	rVV	443781	355763	14.47%	1.193%
54	11.357	1571	1576	1579	rVB	191914	169180	6.88%	0.567%
55	11.392	1579	1582	1588	rBV8	31693	57557	2.34%	0.193%
56	11.510	1600	1602	1606	rVB	41129	32527	1.32%	0.109%
57	11.592	1613	1616	1619	rBV2	91408	83863	3.41%	0.281%
58	11.786	1646	1649	1651	rBV	88294	76386	3.11%	0.256%
59	11.816	1651	1654	1658	rVV2	302823	290853	11.83%	0.975%
60	11.857	1658	1661	1664	rVB3	76558	77221	3.14%	0.259%
61	11.892	1664	1667	1670	rBV	142544	175166	7.12%	0.587%
62	11.916	1670	1671	1677	rVB	70400	62425	2.54%	0.209%
63	11.998	1683	1685	1691	rVB2	73717	75234	3.06%	0.252%
64	12.080	1696	1699	1700	rVV	70003	54050	2.20%	0.181%
65	12.098	1700	1702	1707	rVB3	62415	52778	2.15%	0.177%
66	12.269	1728	1731	1732	rBV2	37694	44151	1.80%	0.148%
67	12.333	1739	1742	1745	rBV	80860	83019	3.38%	0.278%
68	12.386	1749	1751	1754	rVB	70928	60404	2.46%	0.202%
69	12.416	1754	1756	1762	rVB3	55040	64056	2.60%	0.215%
70	12.492	1766	1769	1772	rBV	843438	716812	29.15%	2.403%
71	12.604	1785	1788	1793	rBV2	104861	114346	4.65%	0.383%

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72	12.722	1802	1808	1811	rBV2	719688	779009	31.67%	2.611%
73	12.839	1826	1828	1829	rBV	65267	48838	1.99%	0.164%
74	12.869	1829	1833	1840	rVB	1641142	1479341	60.15%	4.959%
75	13.051	1861	1864	1867	rVB	111771	108749	4.42%	0.365%
76	13.116	1872	1875	1878	rBV	128183	118589	4.82%	0.398%
77	13.151	1878	1881	1885	rBV	130871	135875	5.52%	0.455%
78	13.351	1913	1915	1921	rVB	157775	163692	6.66%	0.549%
79	13.769	1984	1986	1992	rVB	187022	195160	7.94%	0.654%
80	13.916	2006	2011	2014	rBV2	1083324	1329468	54.06%	4.457%
81	13.939	2014	2015	2018	rVB	338155	235312	9.57%	0.789%
82	14.939	2182	2185	2188	rBV	242318	342173	13.91%	1.147%
83	15.227	2231	2234	2238	rVB	239652	296644	12.06%	0.994%
84	15.345	2251	2254	2258	rVB	477598	530498	21.57%	1.778%

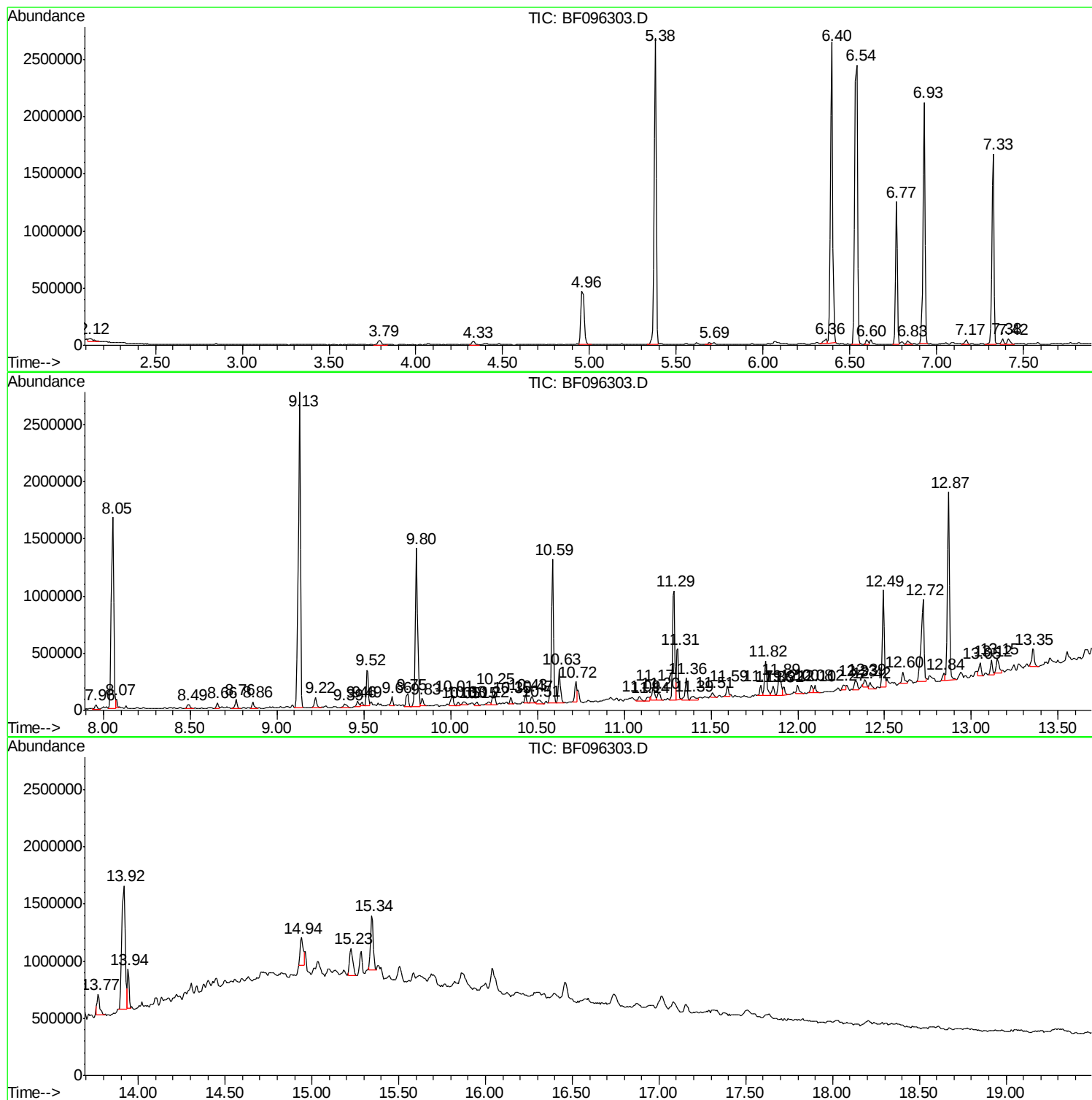
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Instrument :
BNA_F
ClientSampled :
G51-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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 :
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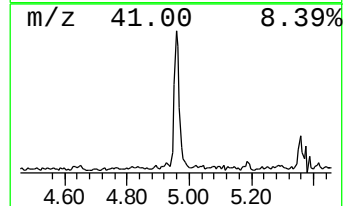
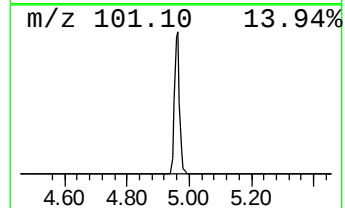
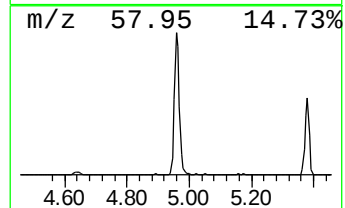
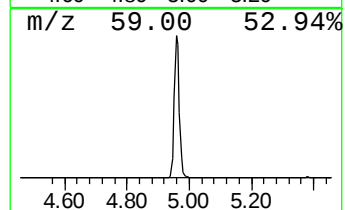
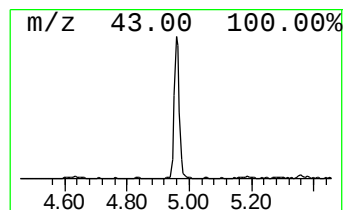
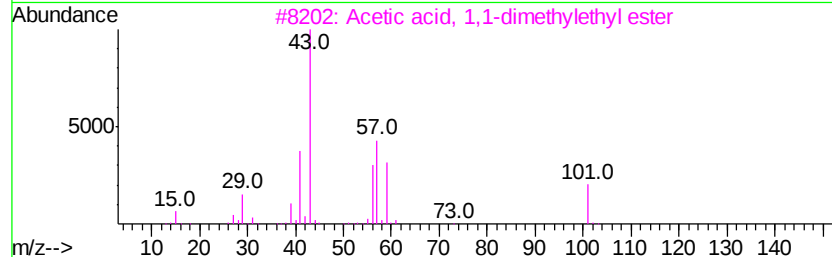
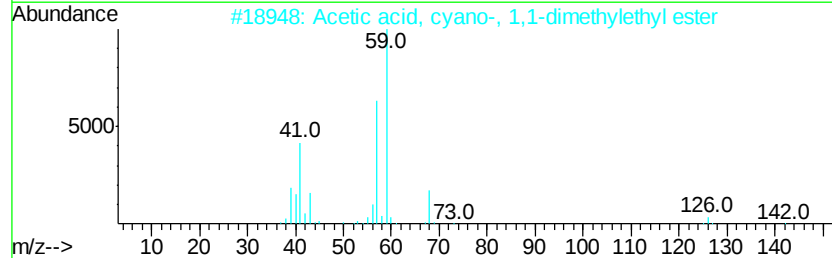
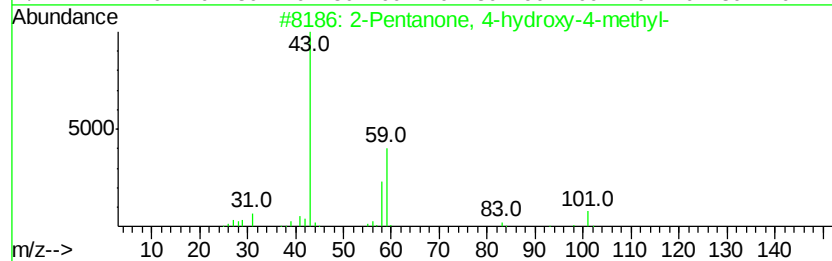
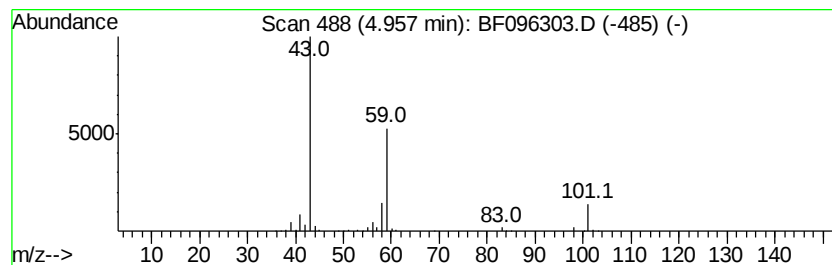
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	11.04 ng	554731	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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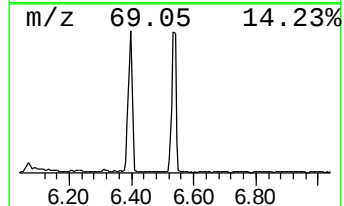
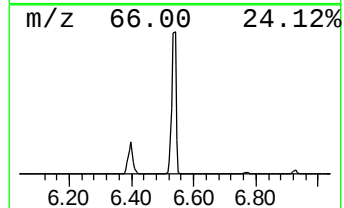
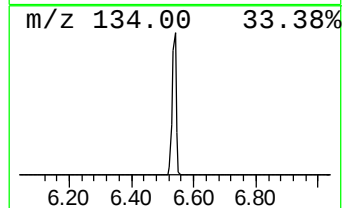
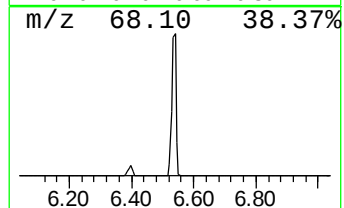
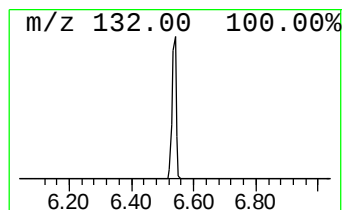
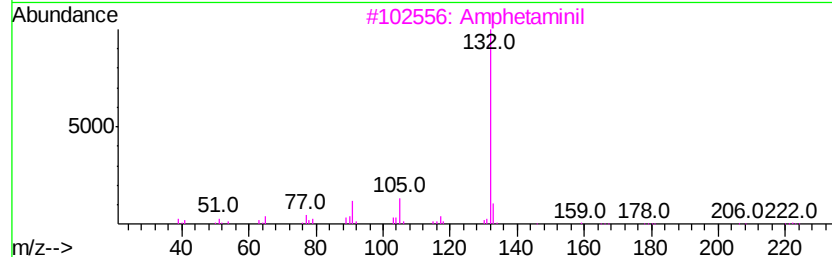
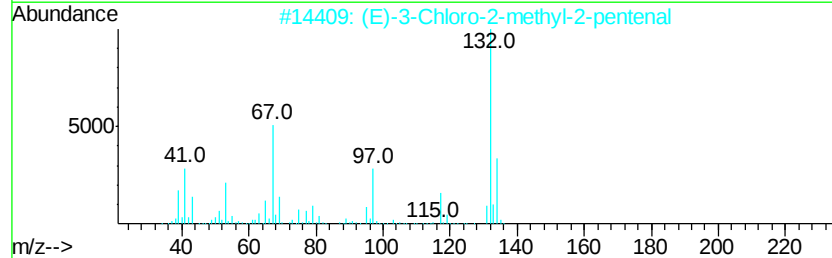
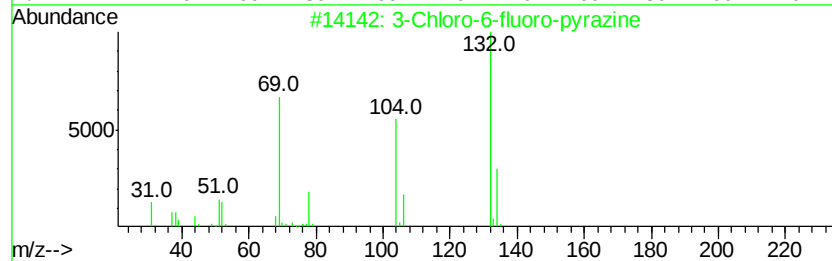
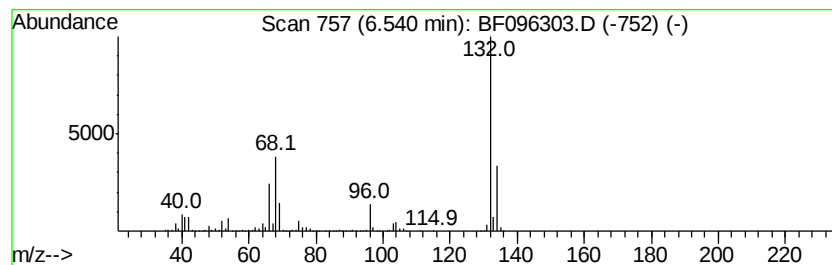
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	46.69 ng	2346550	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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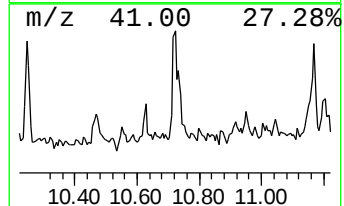
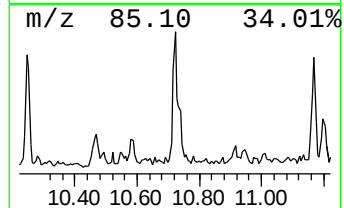
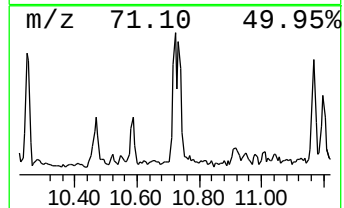
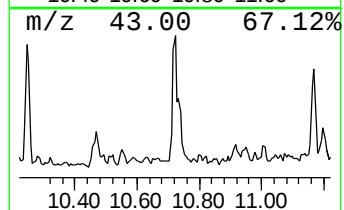
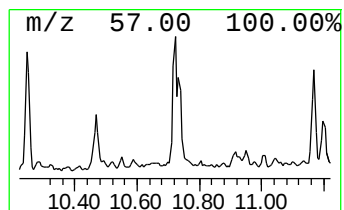
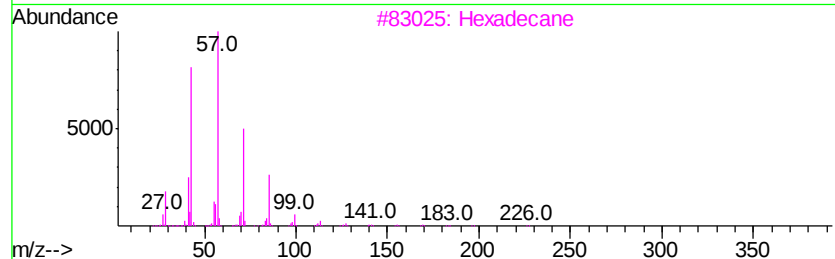
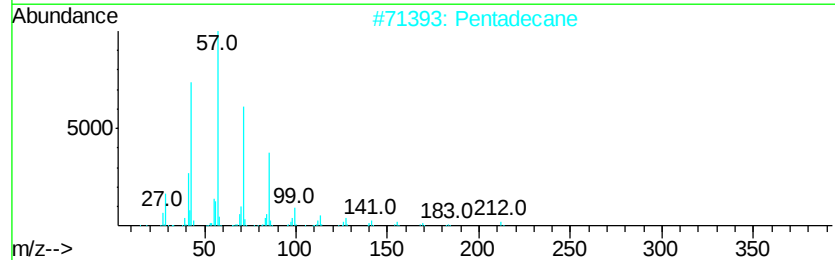
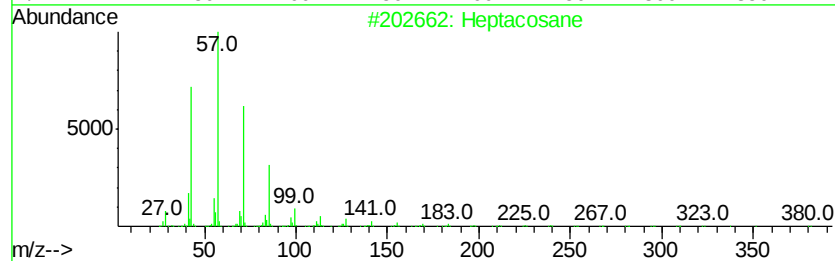
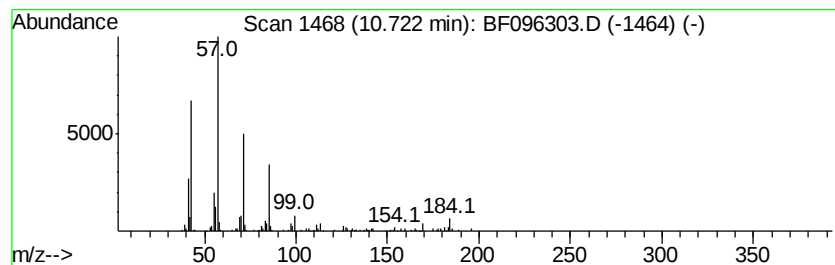
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.55 ng	166218	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Pentadecane	212	C15H32	000629-62-9	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Eicosane	282	C20H42	000112-95-8	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



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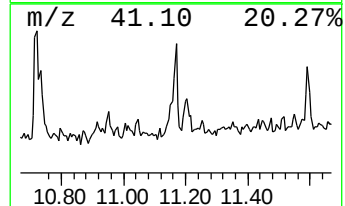
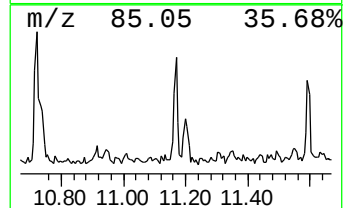
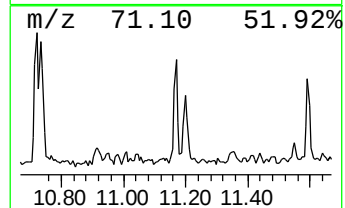
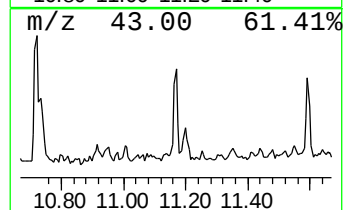
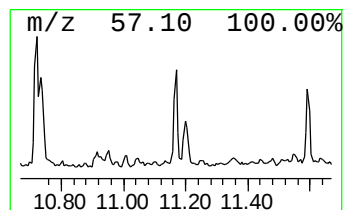
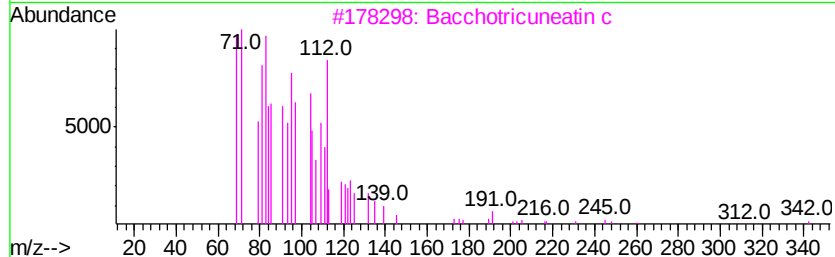
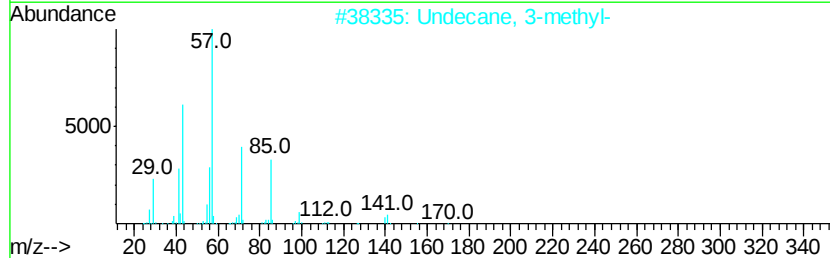
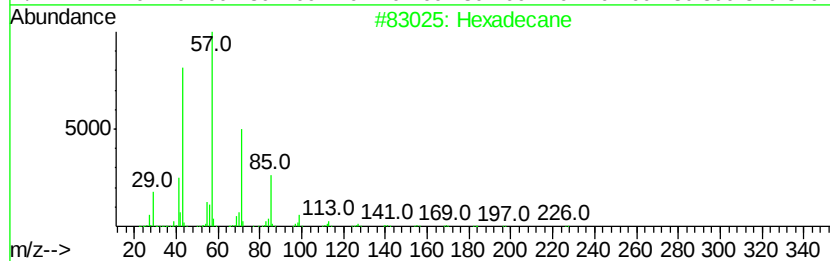
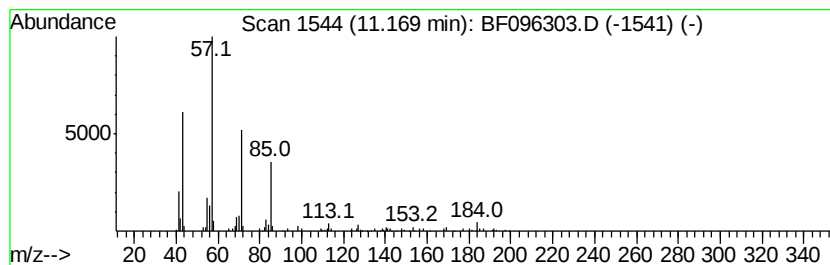
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.03 ng	141758	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	80
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
3	Bacchotricuneatin c		342	C20H22O5	066563-30-2	64
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64
5	3-Methyl-4-(methoxycarbonyl)hexa...		184	C9H12O4	1000104-10-8	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096303.D
Acq On : 29 Jun 2017 20:35
Operator : SJ/MA
Sample : I3882-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G51-0-1.5

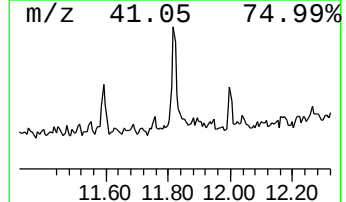
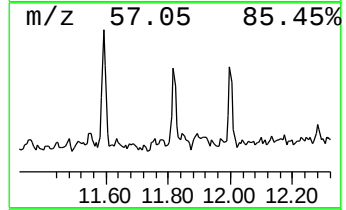
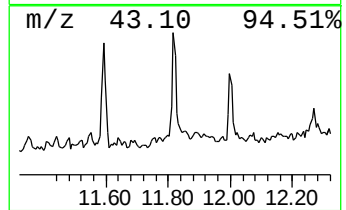
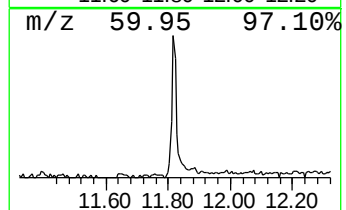
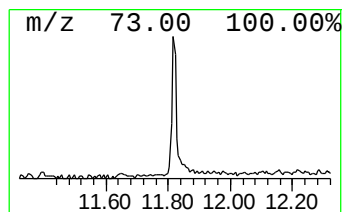
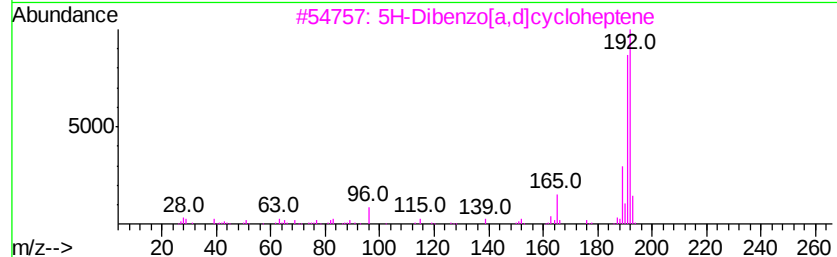
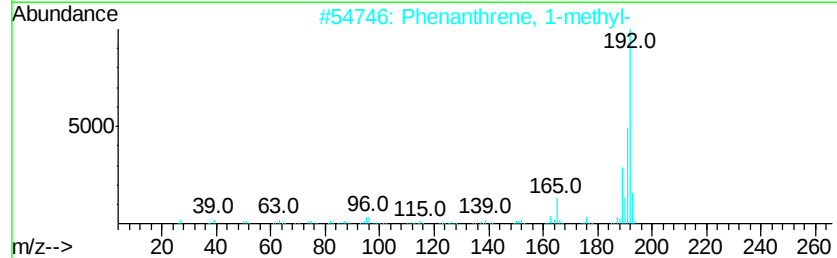
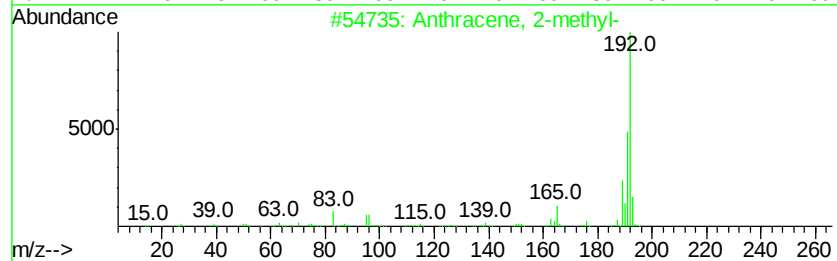
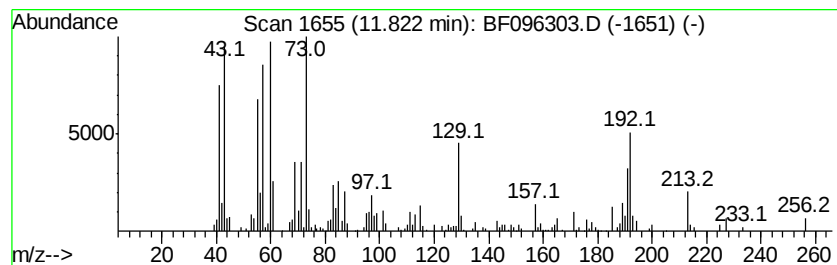
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	6.21 ng	290853	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	90
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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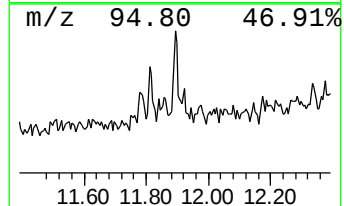
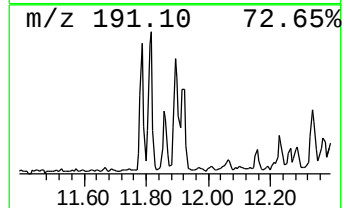
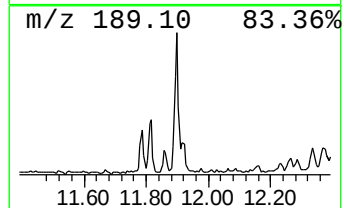
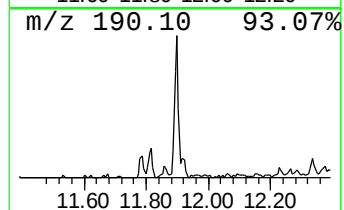
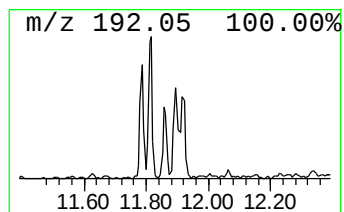
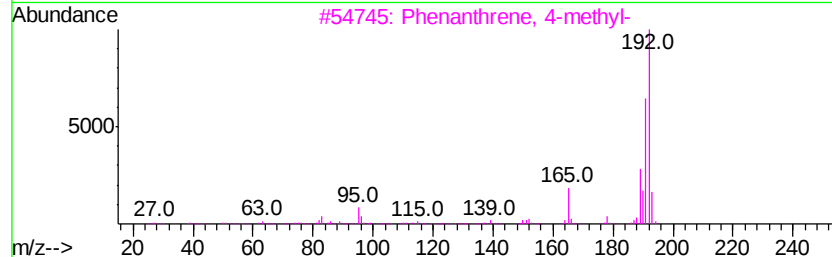
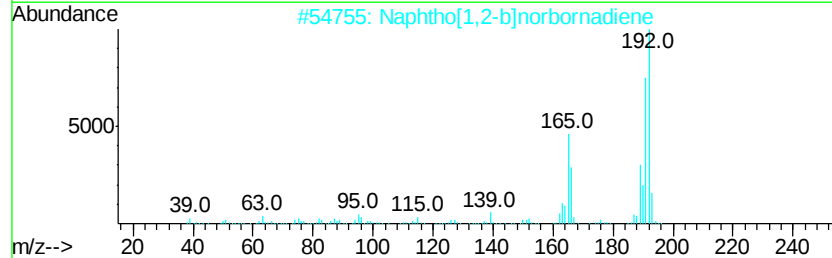
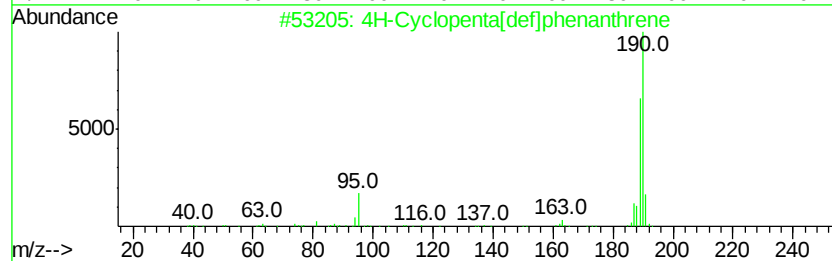
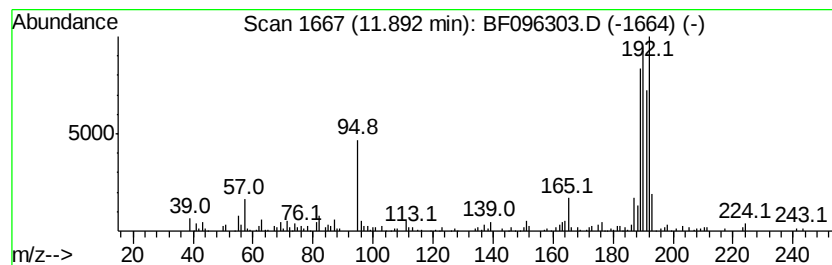
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	3.74 ng	175166	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
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Sample : I3882-02
Misc :
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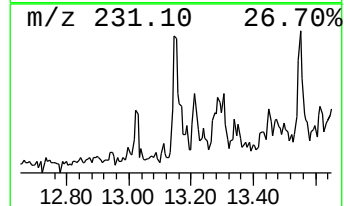
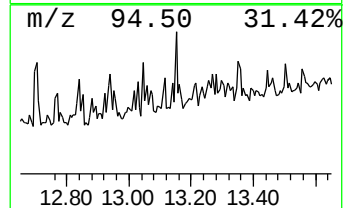
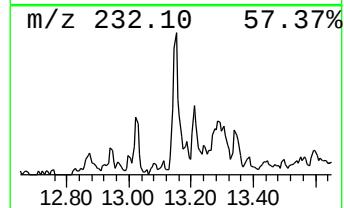
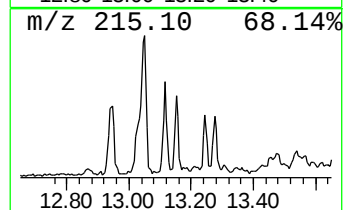
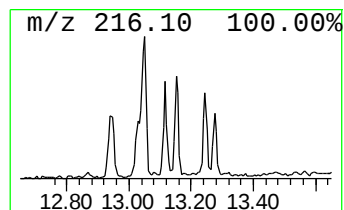
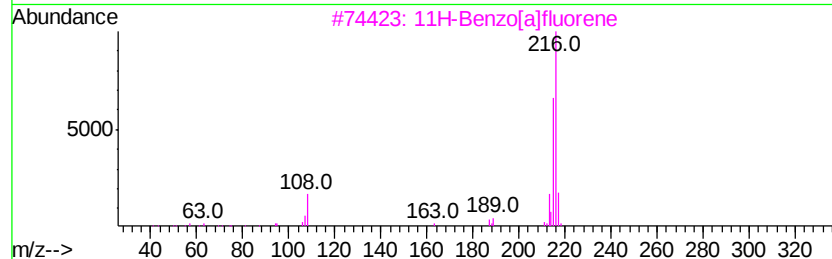
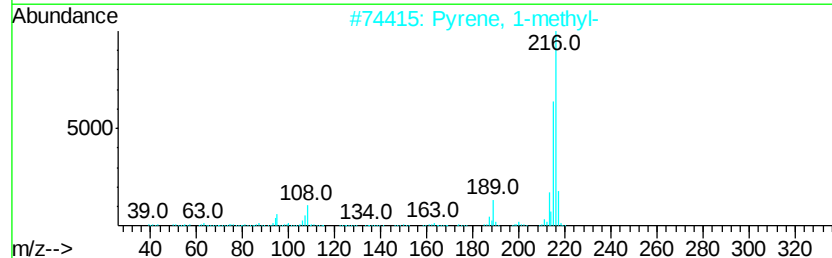
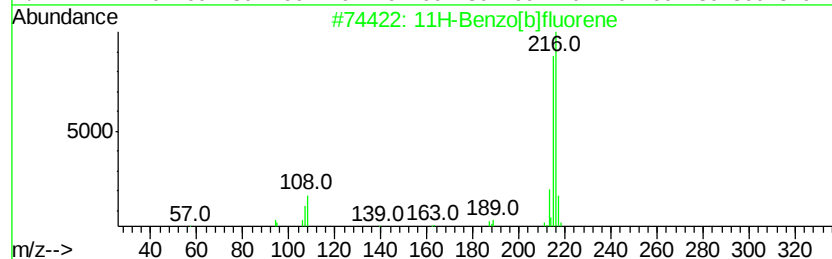
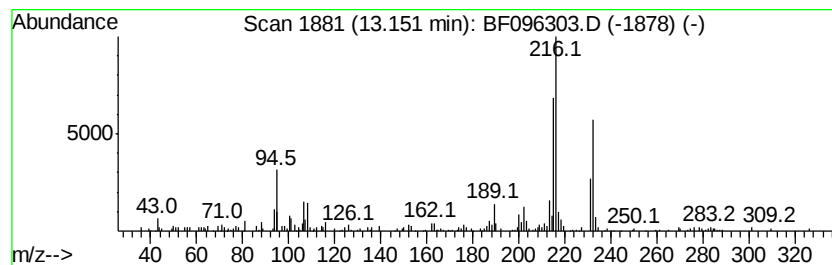
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.04 ng	135875	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 64
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 64
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 50
4		1-Pyrenemethanol	232 C17H12O	024463-15-8 46
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096303.D
Acq On : 29 Jun 2017 20:35
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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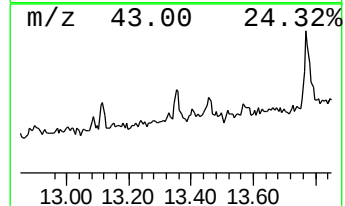
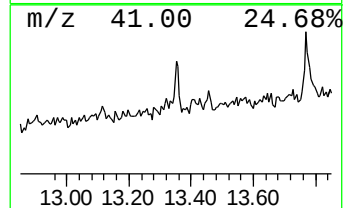
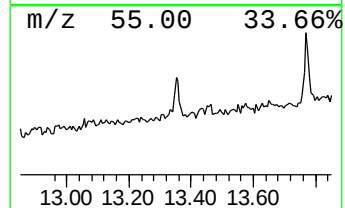
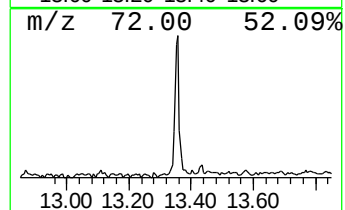
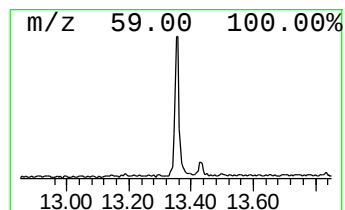
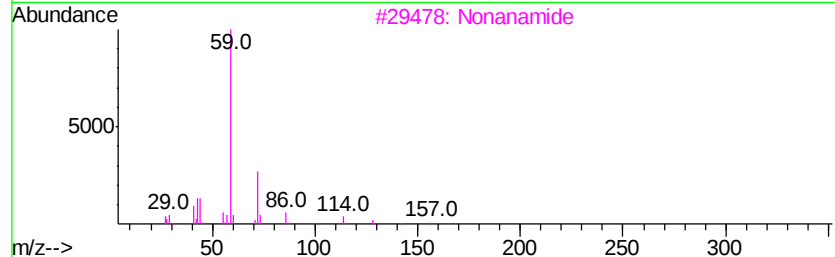
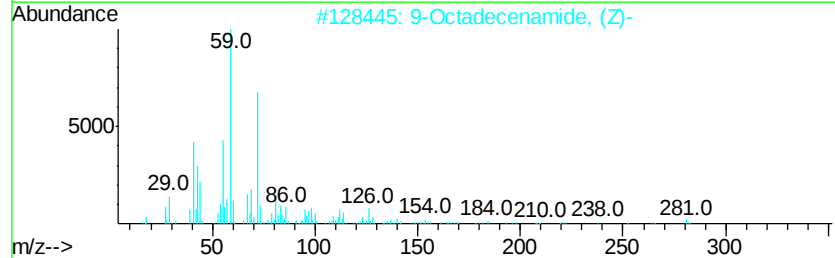
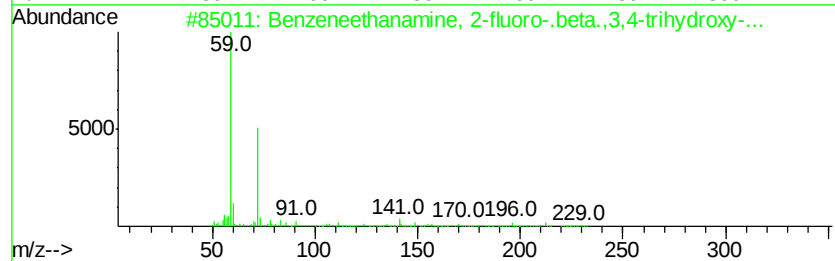
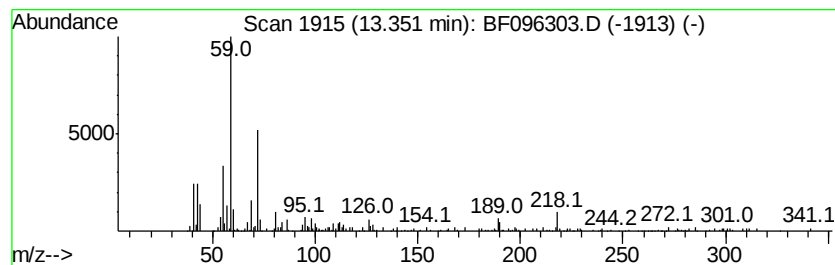
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzeneethanamine, 2-fluoro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.46 ng	163692	Chrysene-d12	13.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
3		Nonanamide	157	C9H19NO	001120-07-6	53
4		Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
5		Hexadecanamide	255	C16H33NO	000629-54-9	53



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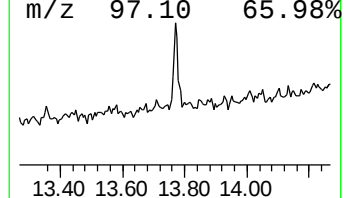
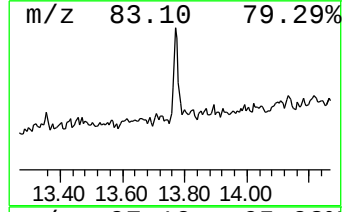
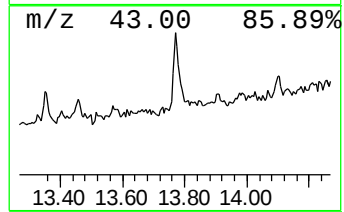
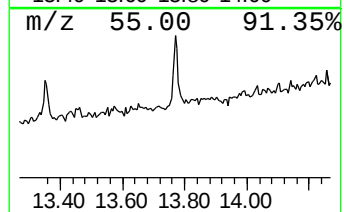
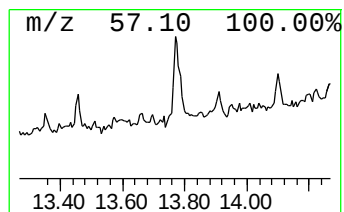
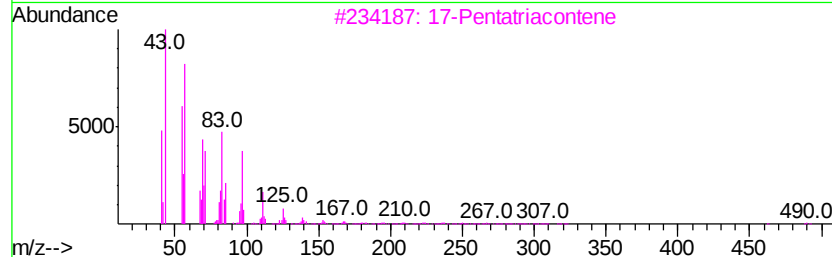
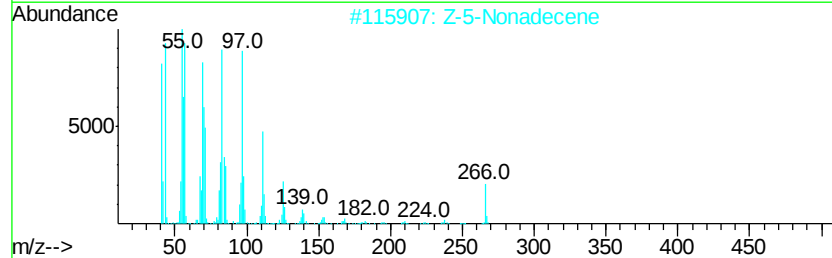
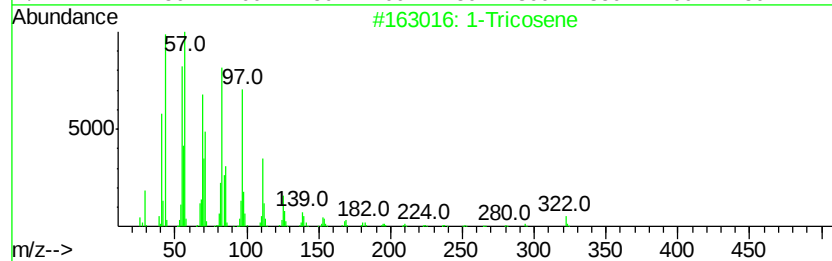
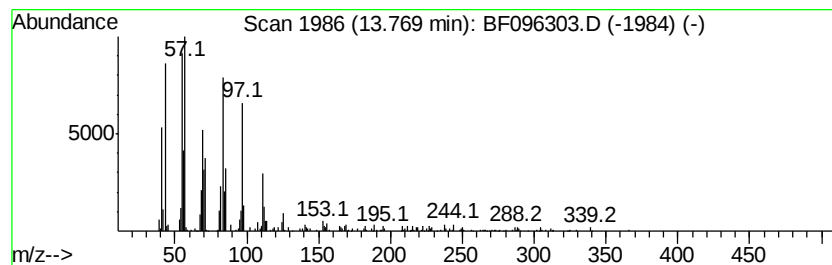
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 10 1-Tricosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.94 ng	195160	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosene		322 C23H46	018835-32-0 91
2	Z-5-Nonadecene		266 C19H38	1000131-11-8 89
3	17-Pentatriacontene		491 C35H70	006971-40-0 87
4	5-Eicosene, (E)-		280 C20H40	074685-30-6 87
5	1-Nonadecene		266 C19H38	018435-45-5 86



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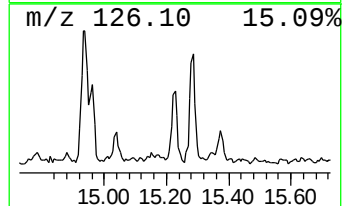
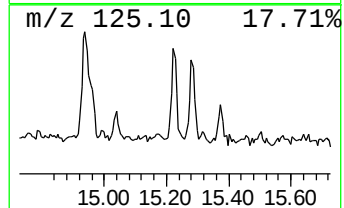
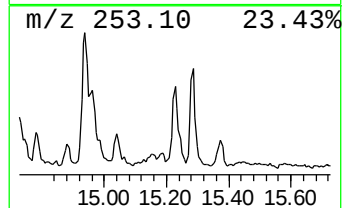
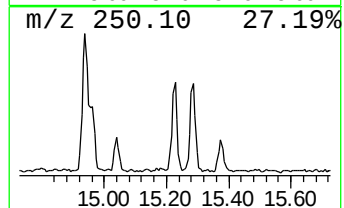
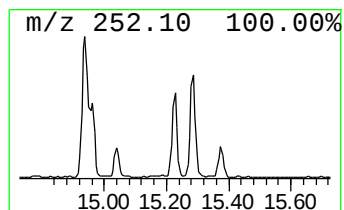
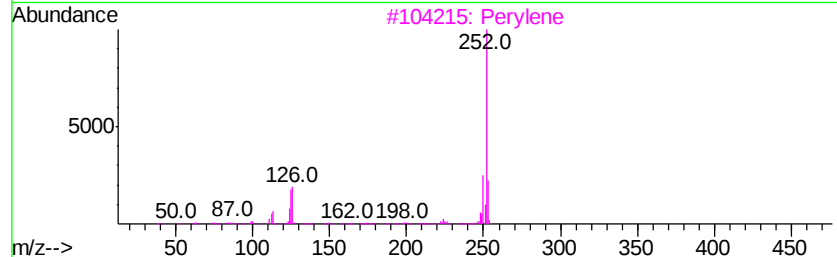
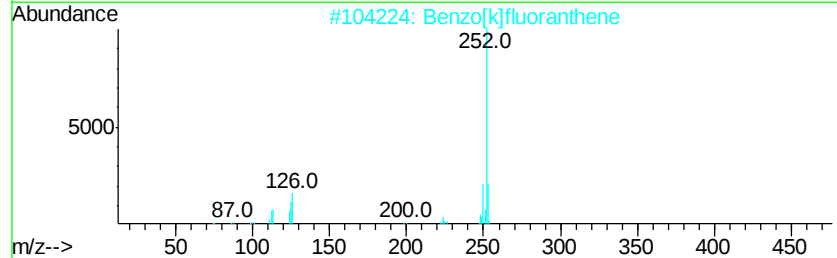
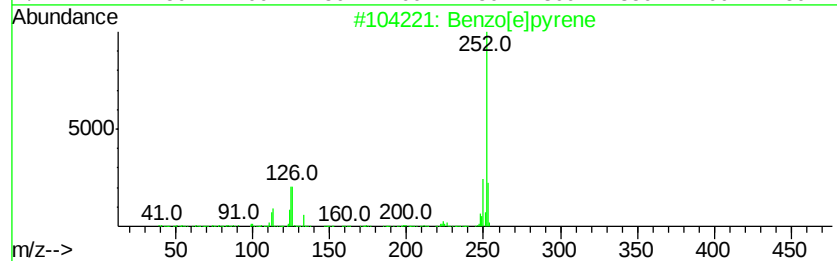
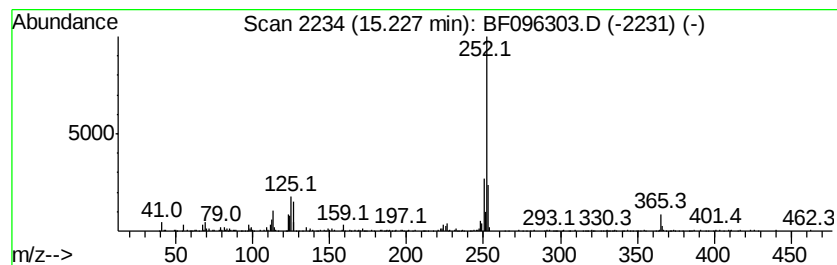
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	11.18 ng	296644	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95



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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...	4.96	11.0	ng	554731	1	6.77	1005180	20.0
unknown6.54	6.54	46.7	ng	2346550	1	6.77	1005180	20.0
Heptacosane	10.72	3.5	ng	166218	4	11.29	937058	20.0
Hexadecane	11.17	3.0	ng	141758	4	11.29	937058	20.0
Anthracene, 2-met...	11.82	6.2	ng	290853	4	11.29	937058	20.0
4H-Cyclopenta[def...	11.89	3.7	ng	175166	4	11.29	937058	20.0
11H-Benzo[b]fluorene	13.15	2.0	ng	135875	5	13.92	1329470	20.0
Benzeneethanamine...	13.35	2.5	ng	163692	5	13.92	1329470	20.0
1-Tricosene	13.77	2.9	ng	195160	5	13.92	1329470	20.0
Benzo[e]pyrene	15.23	11.2	ng	296644	6	15.34	530498	20.0