

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095071.D
 Acq On : 10 May 2017 23:18
 Operator : SJ/MA
 Sample : I3037-07 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB408C

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-BF050217.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	5.701	636	640	658	rBV2	39813	138321	14.66%	1.175%
2	7.307	909	913	924	rBV2	43890	132518	14.05%	1.126%
3	7.395	924	928	943	rVB	87425	210031	22.26%	1.785%
4	7.701	976	980	991	rBV	368488	482363	51.13%	4.099%
5	7.942	1017	1021	1026	rBV	137815	182620	19.36%	1.552%
6	8.301	1079	1082	1091	rVB5	13285	23714	2.51%	0.202%
7	8.584	1124	1130	1133	rBV5	10119	20381	2.16%	0.173%
8	8.625	1133	1137	1139	rBV2	34570	46498	4.93%	0.395%
9	8.889	1179	1182	1190	rVB6	20183	38168	4.05%	0.324%
10	8.966	1190	1195	1200	rBV4	29200	43861	4.65%	0.373%
11	9.019	1200	1204	1207	rBV2	25155	28943	3.07%	0.246%
12	9.148	1221	1226	1232	rBV6	34370	60835	6.45%	0.517%
13	9.313	1250	1254	1260	rBV2	19270	36114	3.83%	0.307%
14	9.431	1270	1274	1278	rVB4	21871	30283	3.21%	0.257%
15	9.501	1278	1286	1290	rBV6	19599	44991	4.77%	0.382%
16	9.595	1297	1302	1306	rBV7	14823	24545	2.60%	0.209%
17	9.725	1317	1324	1336	rBV	520236	817332	86.63%	6.946%
18	9.825	1336	1341	1348	rVB10	22607	59188	6.27%	0.503%
19	9.936	1356	1360	1364	rVB	115974	140262	14.87%	1.192%
20	10.013	1369	1373	1377	rVB5	31563	45429	4.82%	0.386%
21	10.089	1379	1386	1390	rBV5	56689	91778	9.73%	0.780%
22	10.142	1390	1395	1397	rBV4	14527	22874	2.42%	0.194%
23	10.207	1403	1406	1411	rVB4	37706	53086	5.63%	0.451%
24	10.260	1411	1415	1419	rBV3	45274	74641	7.91%	0.634%
25	10.342	1426	1429	1435	rVB6	39817	62301	6.60%	0.529%
26	10.395	1435	1438	1441	rVB3	23950	27392	2.90%	0.233%
27	10.454	1445	1448	1450	rBV3	23533	29385	3.11%	0.250%
28	10.519	1455	1459	1462	rVV	143474	164619	17.45%	1.399%
29	10.548	1462	1464	1468	rVB4	20536	21905	2.32%	0.186%
30	10.636	1475	1479	1483	rBV5	34287	53641	5.69%	0.456%
31	10.736	1487	1496	1497	rBV6	33929	72511	7.69%	0.616%
32	10.895	1520	1523	1528	rVV5	23932	41485	4.40%	0.353%
33	10.948	1529	1532	1535	rVB	50701	59848	6.34%	0.509%
34	10.978	1535	1537	1543	rVB6	16913	22438	2.38%	0.191%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.054	1547	1550	1553	rVV5	31081	34416	3.65%	0.292%
36	11.107	1557	1559	1562	rVB3	30304	30607	3.24%	0.260%
37	11.219	1575	1578	1582	rVB5	17077	28182	2.99%	0.239%
38	11.260	1582	1585	1589	rBV2	68906	93222	9.88%	0.792%
39	11.330	1594	1597	1600	rVB5	31211	39415	4.18%	0.335%
40	11.454	1613	1618	1621	rBV6	52626	86650	9.18%	0.736%
41	11.495	1621	1625	1630	rVV2	353658	427951	45.36%	3.637%
42	11.595	1638	1642	1645	rBV2	52088	64056	6.79%	0.544%
43	11.648	1648	1651	1653	rBV3	23397	22566	2.39%	0.192%
44	11.730	1658	1665	1670	rVB4	89650	191586	20.31%	1.628%
45	11.789	1670	1675	1677	rBV5	39121	63216	6.70%	0.537%
46	11.913	1691	1696	1702	rBV9	38639	93680	9.93%	0.796%
47	12.030	1713	1716	1719	rVB4	59183	67680	7.17%	0.575%
48	12.083	1719	1725	1731	rVB4	97298	160315	16.99%	1.362%
49	12.136	1731	1734	1736	rBV4	25609	30929	3.28%	0.263%
50	12.195	1741	1744	1747	rVV2	70688	97060	10.29%	0.825%
51	12.242	1748	1752	1756	rVB	256600	303300	32.15%	2.577%
52	12.336	1764	1768	1772	rBV6	50632	89139	9.45%	0.757%
53	12.413	1777	1781	1788	rVB4	127734	177435	18.81%	1.508%
54	12.472	1788	1791	1793	rBV4	18795	24533	2.60%	0.208%
55	12.554	1801	1805	1812	rBV2	549338	719296	76.24%	6.112%
56	12.701	1828	1830	1833	rVB3	24729	22352	2.37%	0.190%
57	12.866	1855	1858	1861	rBV3	24018	22912	2.43%	0.195%
58	12.924	1866	1868	1872	rVB2	54331	67091	7.11%	0.570%
59	13.001	1877	1881	1886	rVB3	50120	92476	9.80%	0.786%
60	13.101	1895	1898	1904	rVB4	106741	165779	17.57%	1.409%
61	13.160	1904	1908	1915	rBV7	45481	73231	7.76%	0.622%
62	13.248	1920	1923	1926	rBV5	20210	28367	3.01%	0.241%
63	13.389	1945	1947	1953	rVB7	18209	28706	3.04%	0.244%
64	13.460	1956	1959	1965	rVB5	58428	113148	11.99%	0.962%
65	13.548	1968	1974	1980	rBV8	58648	122705	13.01%	1.043%
66	13.760	2005	2010	2015	rVB	193891	290190	30.76%	2.466%
67	13.866	2025	2028	2031	rBV	65653	96928	10.27%	0.824%
68	14.054	2058	2060	2062	rBV3	24525	24271	2.57%	0.206%
69	14.083	2062	2065	2069	rVB3	36927	45177	4.79%	0.384%
70	14.195	2079	2084	2088	rBV	327184	451083	47.81%	3.833%
71	14.395	2115	2118	2125	rVB5	29666	59105	6.26%	0.502%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	14.536	2139	2142	2146	rVB2	41777	46438	4.92%	0.395%
73	14.583	2148	2150	2154	rVB5	29786	33179	3.52%	0.282%
74	14.677	2163	2166	2170	rVB5	37956	53500	5.67%	0.455%
75	14.718	2170	2173	2175	rBV3	24929	33891	3.59%	0.288%
76	14.954	2207	2213	2218	rBV2	643174	943472	100.00%	8.017%
77	15.171	2247	2250	2253	rBV4	31074	48140	5.10%	0.409%
78	15.401	2285	2289	2291	rBV4	23937	37514	3.98%	0.319%
79	15.495	2300	2305	2309	rBV4	67365	118431	12.55%	1.006%
80	15.665	2332	2334	2344	rVB7	21065	34971	3.71%	0.297%
81	15.748	2346	2348	2351	rBV	46466	62414	6.62%	0.530%
82	15.789	2352	2355	2359	rVB	44564	63424	6.72%	0.539%
83	15.901	2370	2374	2376	rBV2	44433	53944	5.72%	0.458%
84	16.401	2456	2459	2463	rBV5	24731	31918	3.38%	0.271%
85	16.442	2464	2466	2469	rVV3	21097	21124	2.24%	0.180%
86	16.542	2480	2483	2488	rBV4	60296	89477	9.48%	0.760%
87	16.748	2515	2518	2522	rBV	39783	47516	5.04%	0.404%
88	17.048	2565	2569	2574	rVB	104840	118335	12.54%	1.006%
89	17.165	2586	2589	2593	rBV3	19668	22989	2.44%	0.195%
90	17.283	2605	2609	2617	rVB	262760	330908	35.07%	2.812%
91	17.359	2619	2622	2629	rVB7	18724	33470	3.55%	0.284%
92	17.648	2666	2671	2675	rBV4	27554	49862	5.28%	0.424%
93	17.759	2688	2690	2695	rVB	25497	25314	2.68%	0.215%
94	18.630	2833	2838	2851	rVB	514712	730539	77.43%	6.208%
95	19.148	2923	2926	2930	rVB2	17404	22008	2.33%	0.187%
96	19.906	3052	3055	3064	rVB2	29736	49840	5.28%	0.424%
97	20.189	3100	3103	3108	rBV	48489	60270	6.39%	0.512%
98	20.248	3109	3113	3116	rVV	42578	49138	5.21%	0.418%
99	20.295	3117	3121	3132	rVB	399782	562116	59.58%	4.777%
100	21.989	3404	3409	3415	rBV2	18947	40578	4.30%	0.345%

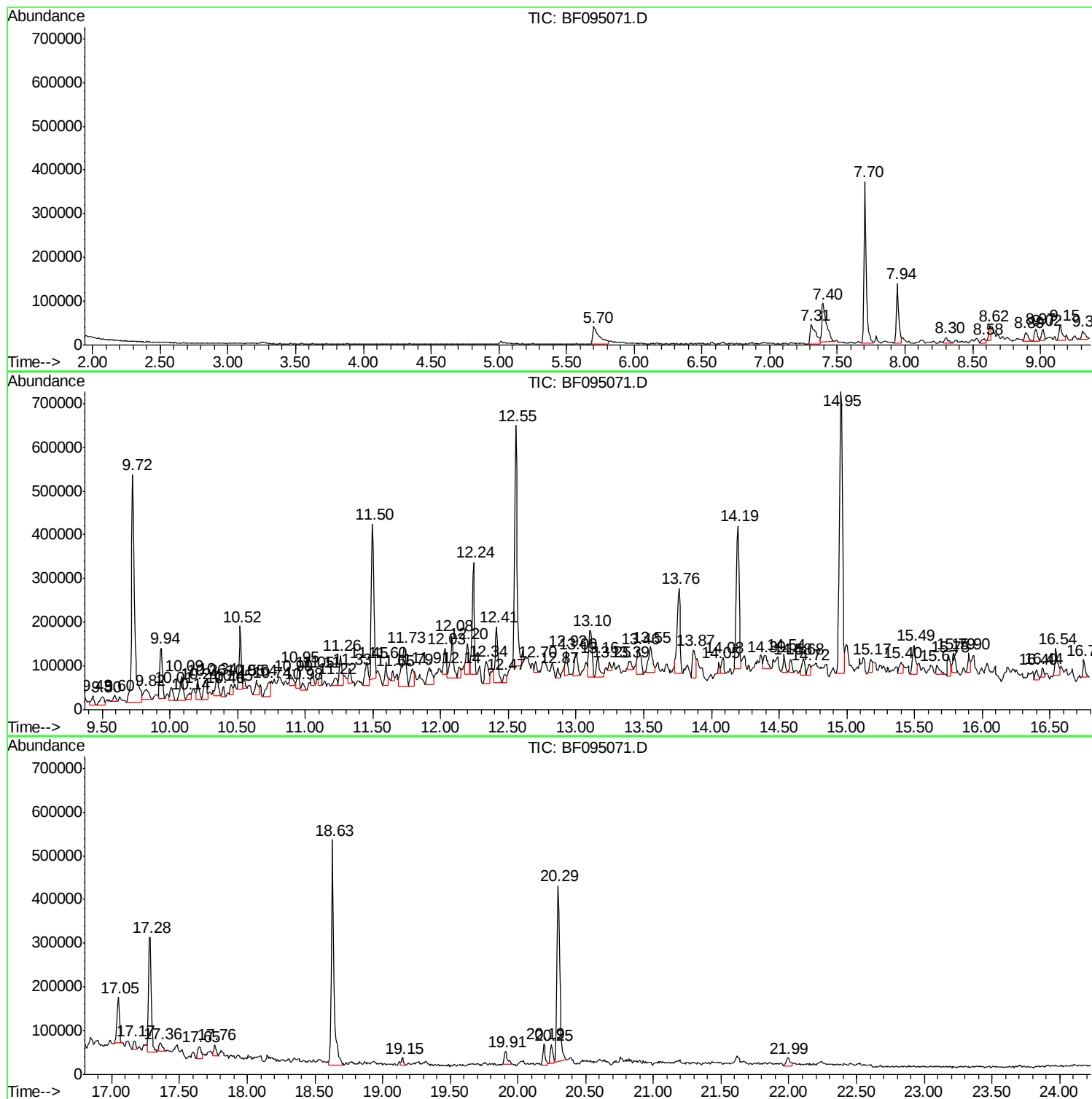
Sum of corrected areas: 11767776

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.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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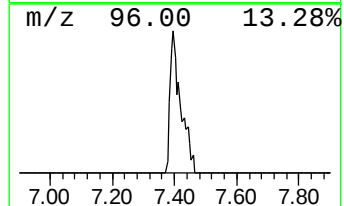
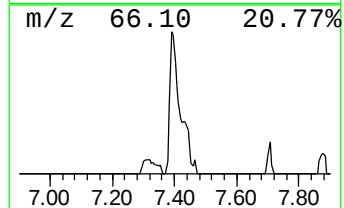
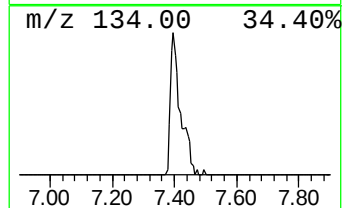
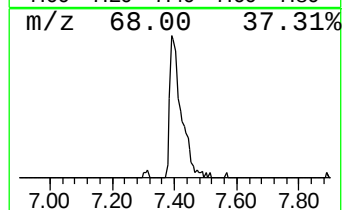
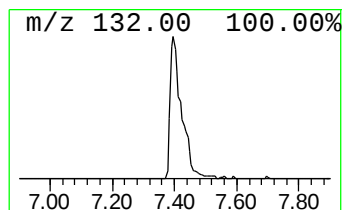
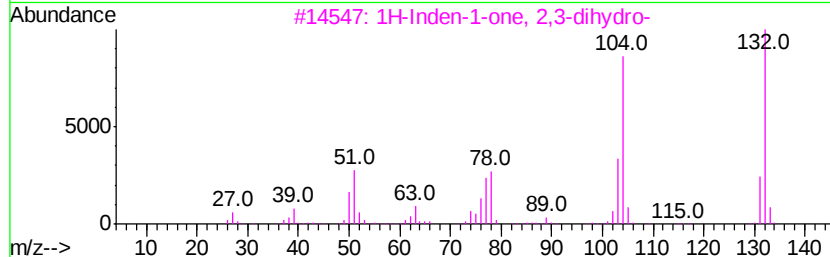
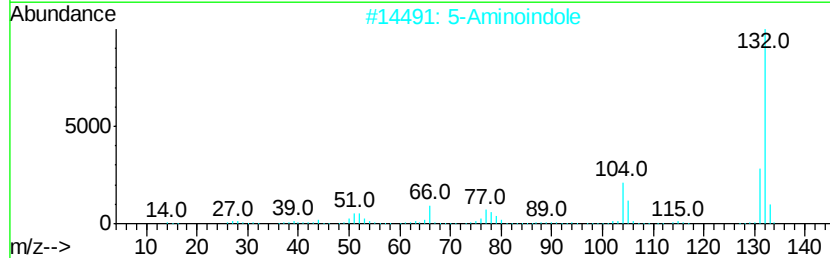
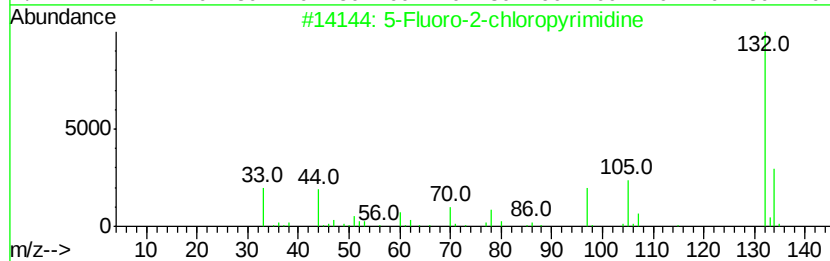
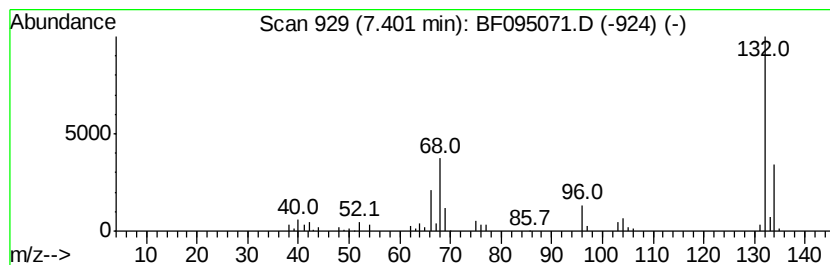
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	8.71 ng	210031	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	9
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			1-Aminoindan	133	C9H11N	034698-41-4	9



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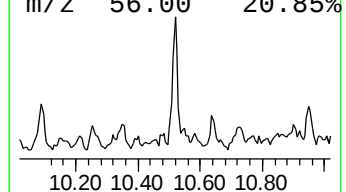
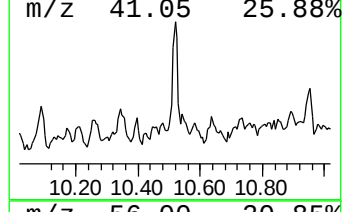
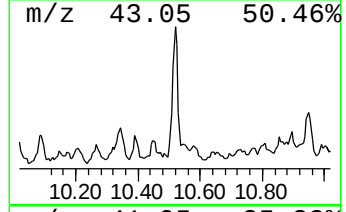
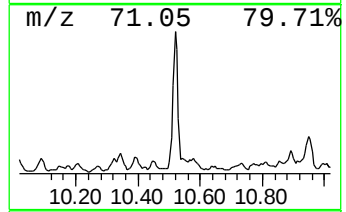
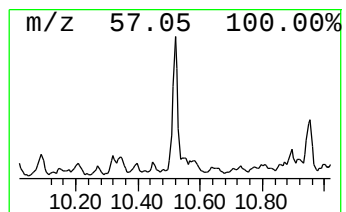
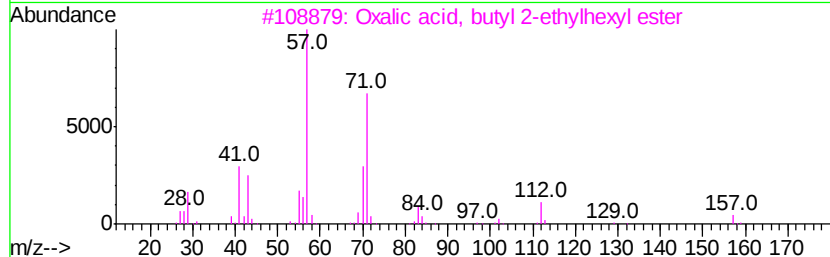
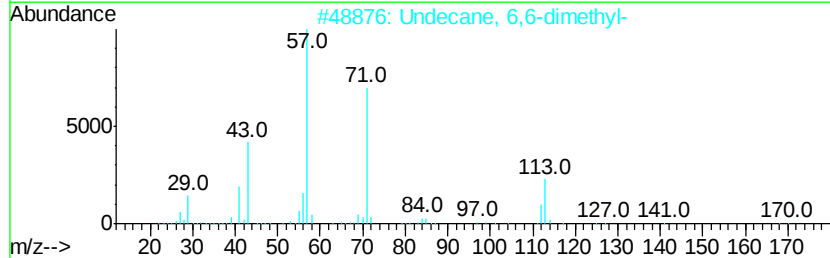
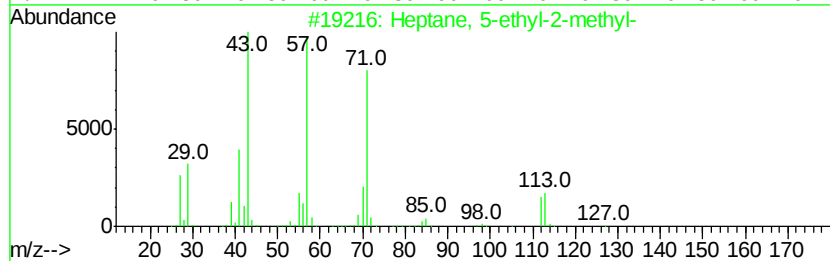
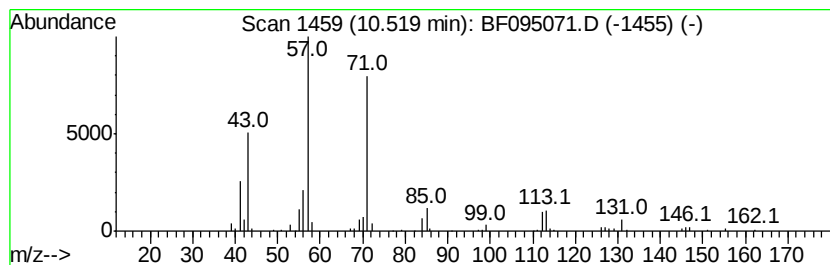
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 5-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.03 ng	164619	Napthalene-d8	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0	72
2	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	72
3	Oxalic acid, butyl 2-ethylhexyl ...	258 C14H26O4	1000309-38-6	72
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64
5	Oxalic acid, bis(2-ethylhexyl) e...	314 C18H34O4	1000309-39-0	64



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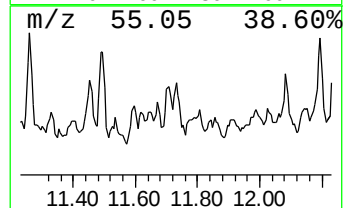
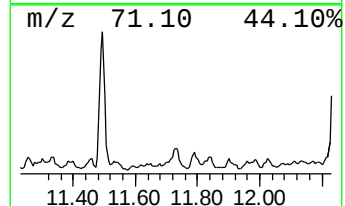
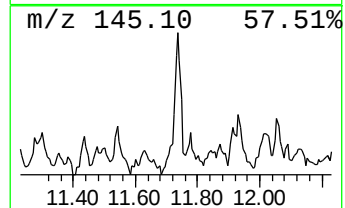
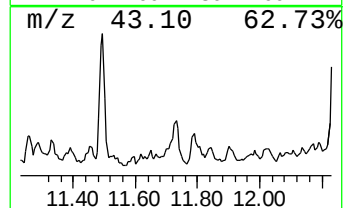
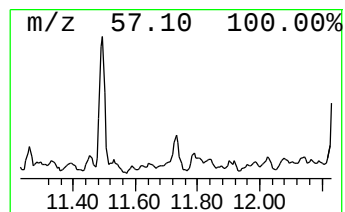
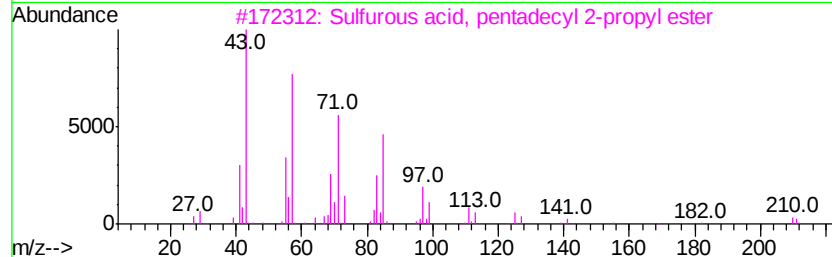
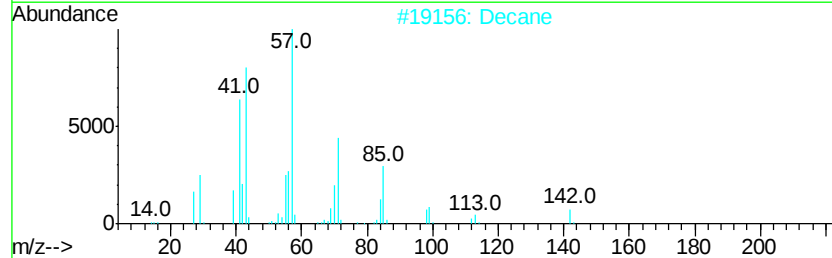
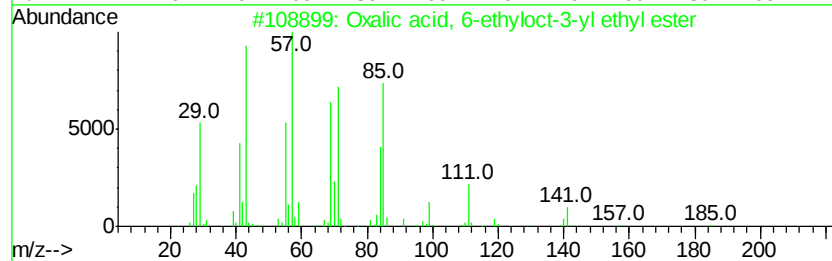
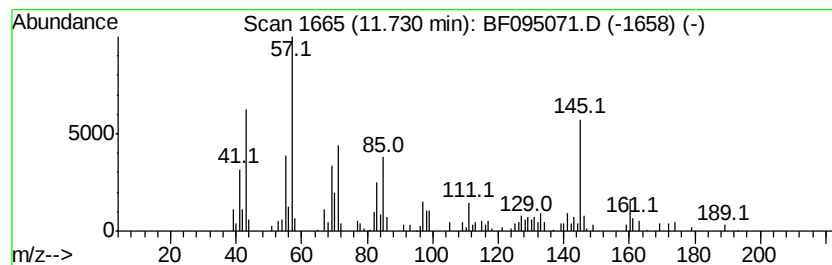
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.33 ng	191586	Acenaphthene-d10	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	49
2		Decane	142	C10H22	000124-18-5	49
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	43
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	43
5		Pentadecane	212	C15H32	000629-62-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
Operator : SJ/MA
Sample : I3037-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB408C

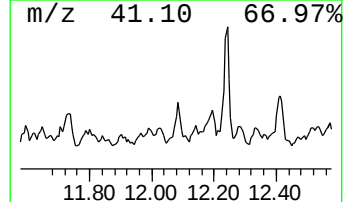
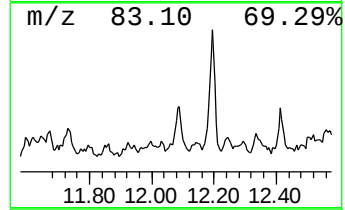
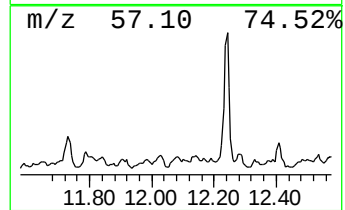
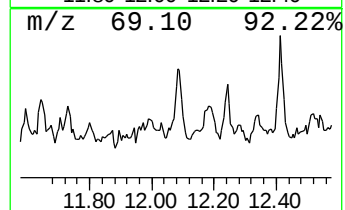
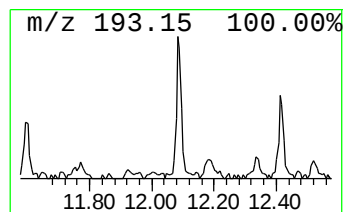
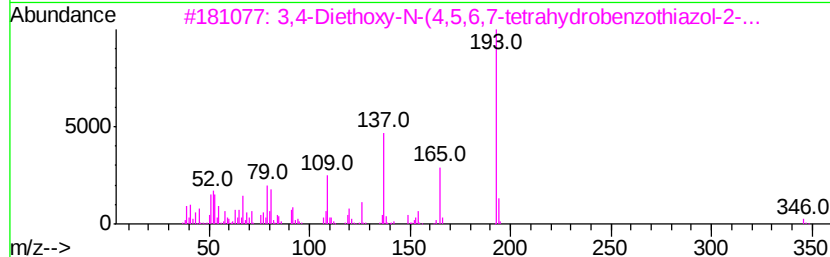
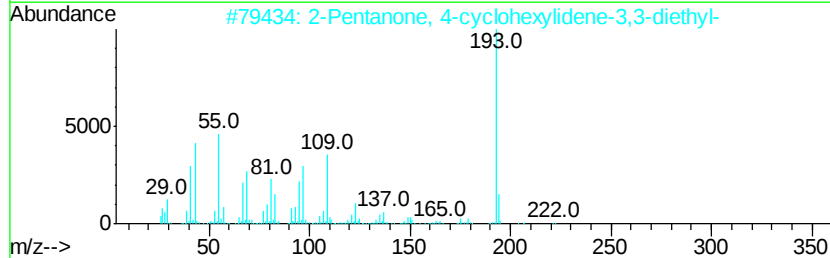
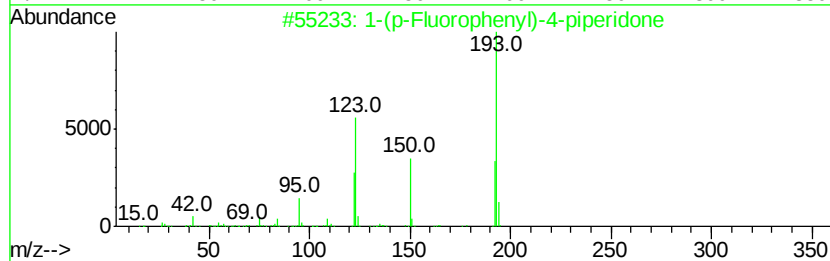
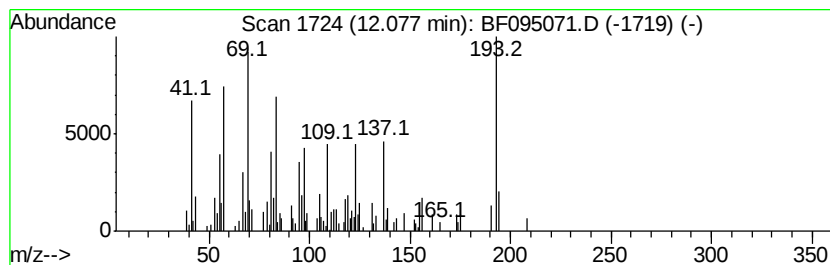
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.46 ng	160315	Acenaphthene-d10	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3		3,4-Diethoxy-N-(4,5,6,7-tetrahd...	346	C18H22N2O3S	1000311-37-1	35
4		2-Anthracenamine	193	C14H11N	000613-13-8	30
5		1-Anthracenamine	193	C14H11N	000610-49-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
Operator : SJ/MA
Sample : I3037-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

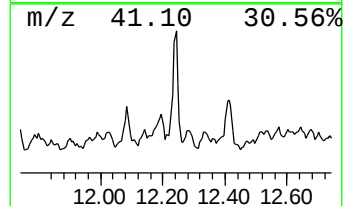
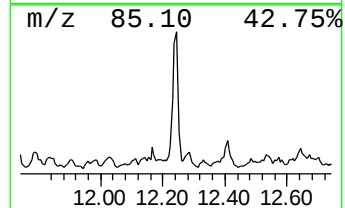
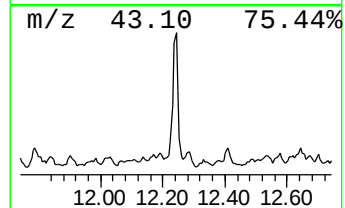
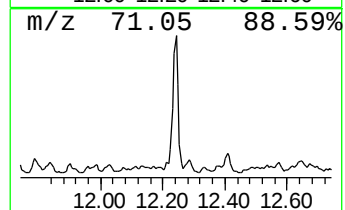
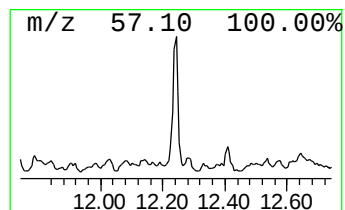
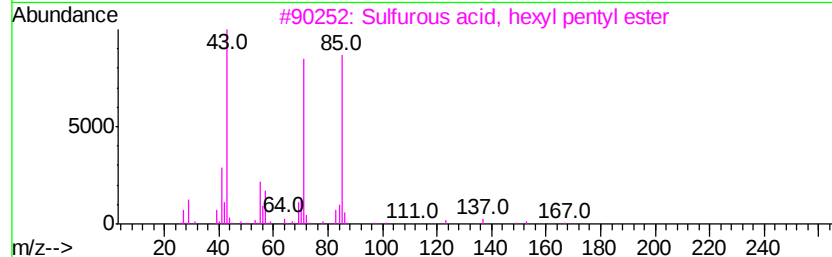
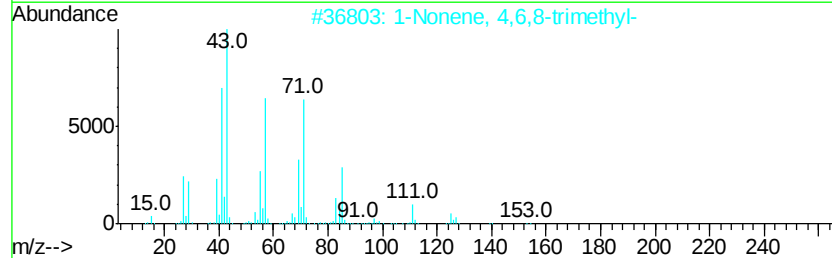
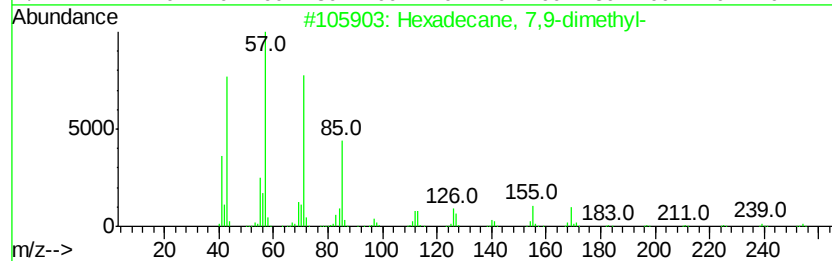
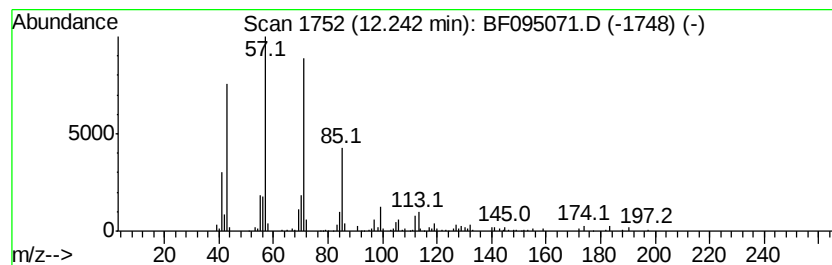
Instrument :
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ClientSampleId :
HY-SB408C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 7,9-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	8.43 ng	303300	Acenaphthene-d10	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4 78
2		1-Nonene, 4,6,8-trimethyl-	168 C12H24	054410-98-9 64
3		Sulfurous acid, hexyl pentyl ester	236 C11H24O3S	1000309-14-1 64
4		Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4 64
5		Hexadecane	226 C16H34	000544-76-3 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
Operator : SJ/MA
Sample : I3037-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

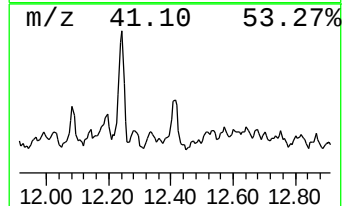
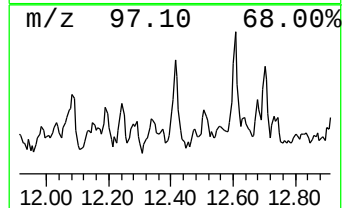
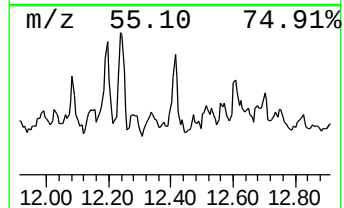
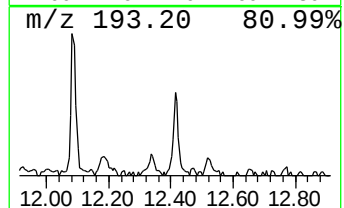
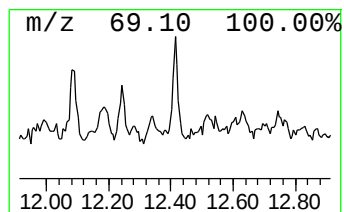
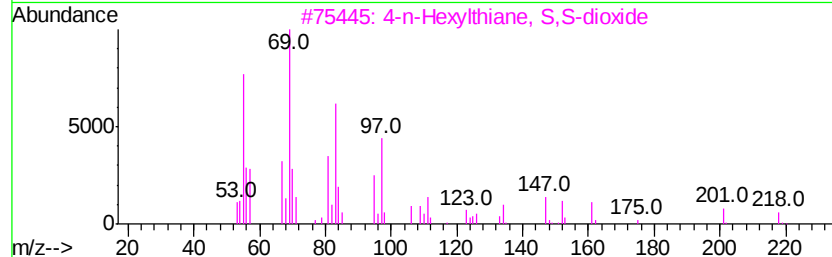
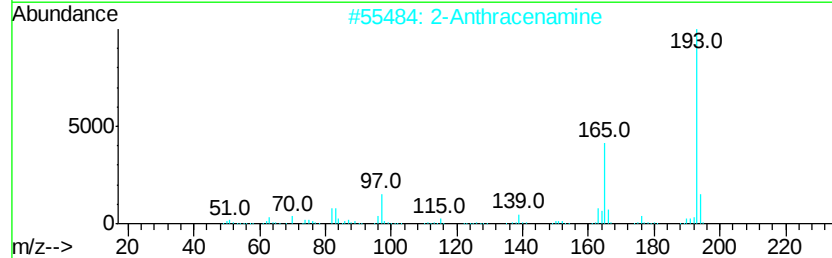
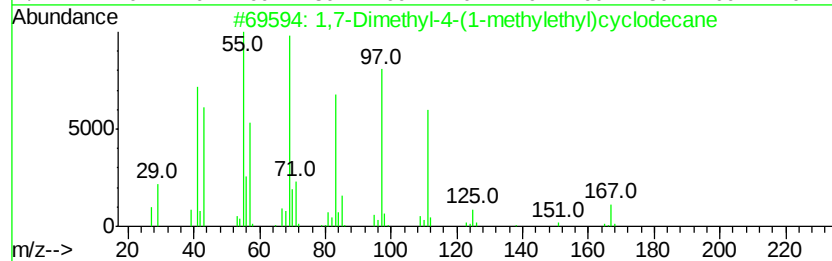
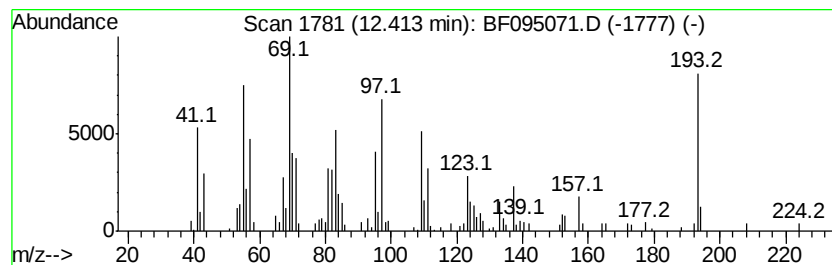
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.41	4.93 ng	177435	Acenaphthene-d10	12.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cv...	210	C15H30	000645-10-3	27
2	2-Anthracenamine	193	C14H11N	000613-13-8	25
3	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	22
4	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	18
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
Operator : SJ/MA
Sample : I3037-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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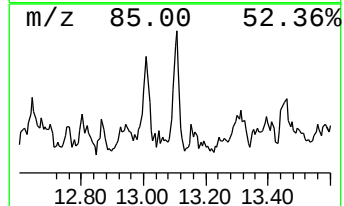
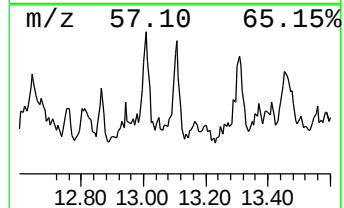
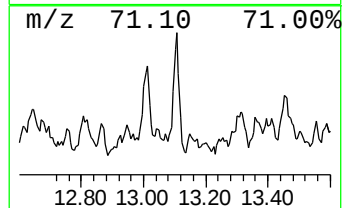
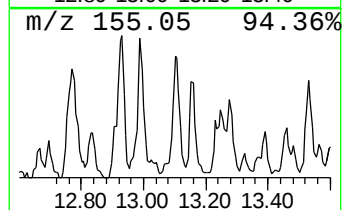
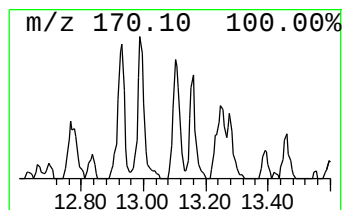
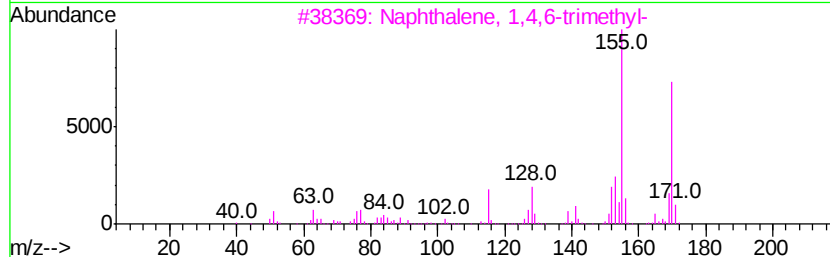
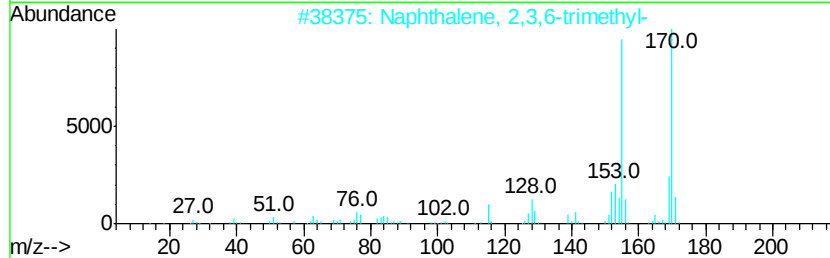
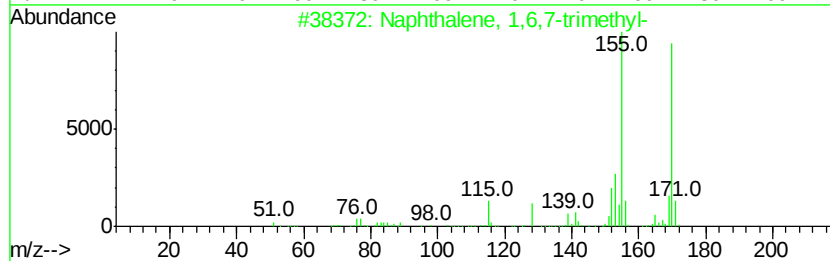
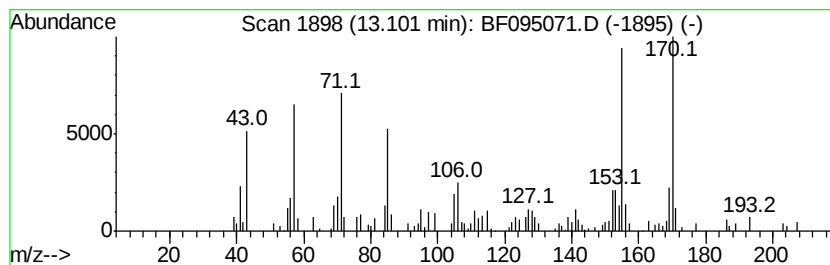
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.61 ng	165779	Acenaphthene-d10	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
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Misc :
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Instrument :
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ClientSampleId :
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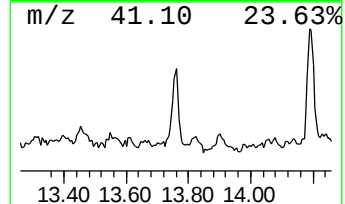
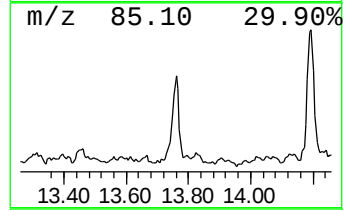
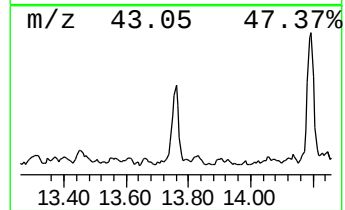
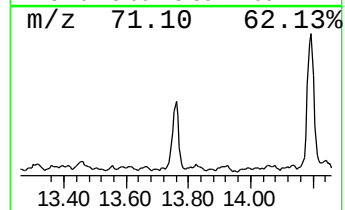
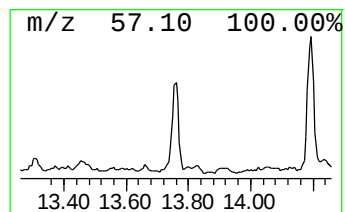
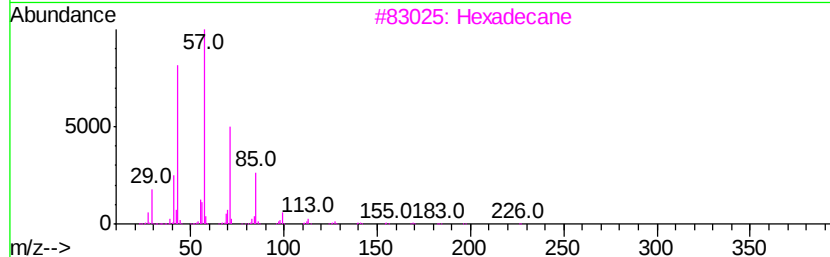
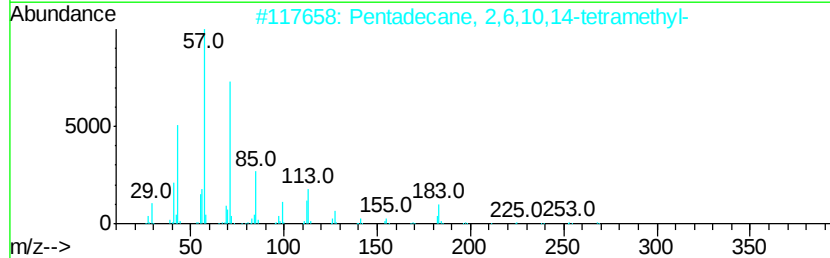
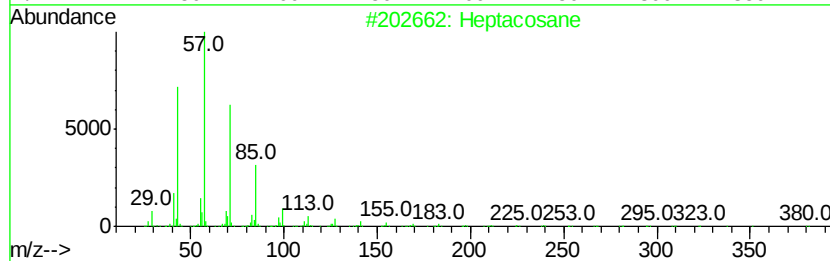
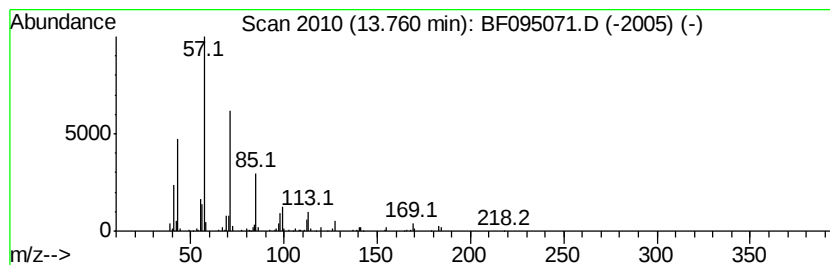
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.15 ng	290190	Phenanthrene-d10	14.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	72
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	59
3	Hexadecane		226	C16H34	000544-76-3	59
4	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	53
5	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095071.D
Acq On : 10 May 2017 23:18
Operator : SJ/MA
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Misc :
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ClientSampleId :
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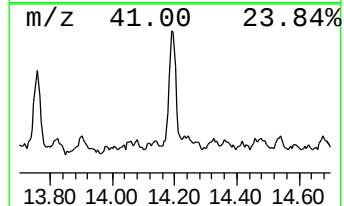
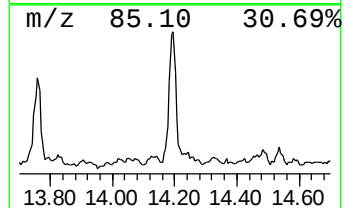
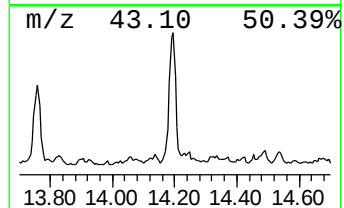
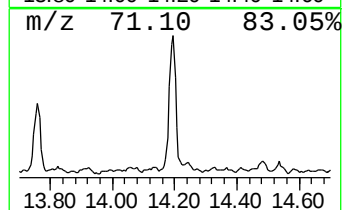
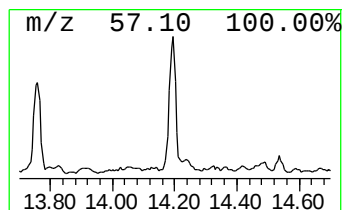
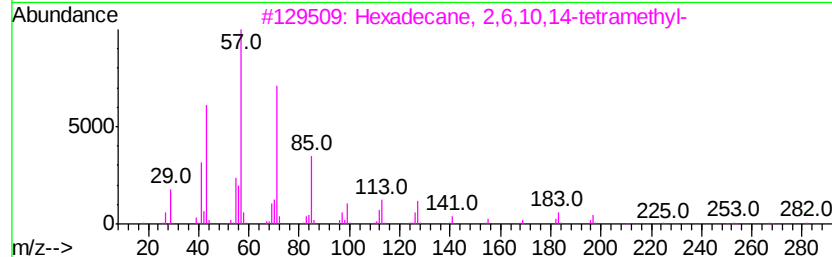
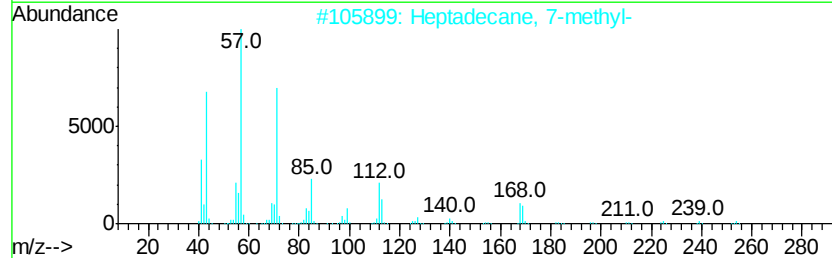
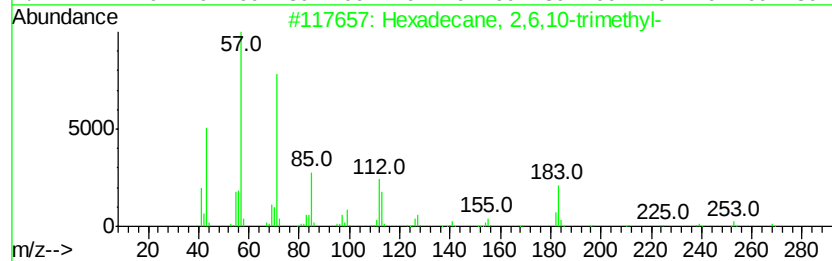
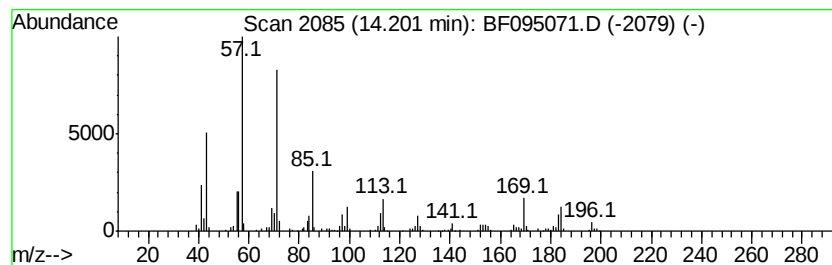
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	9.56 ng	451083	Phenanthrene-d10	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
5			Decane, 2-methyl-	156	C11H24	006975-98-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
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Acq On : 10 May 2017 23:18
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HY-SB408C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
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Heptane, 5-ethyl-...	10.52	4.0	ng	164619	2	9.72	817332	20.0
unknown11.73	11.73	5.3	ng	191586	3	12.55	719296	20.0
unknown12.08	12.08	4.5	ng	160315	3	12.55	719296	20.0
Hexadecane, 7,9-d...	12.24	8.4	ng	303300	3	12.55	719296	20.0
unknown12.41	12.41	4.9	ng	177435	3	12.55	719296	20.0
Naphthalene, 1,6,...	13.10	4.6	ng	165779	3	12.55	719296	20.0
Heptacosane	13.76	6.2	ng	290190	4	14.96	943472	20.0
Hexadecane, 2,6,1...	14.20	9.6	ng	451083	4	14.96	943472	20.0