

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101635.D
 Acq On : 22 Dec 2017 5:21
 Operator : SJ/JU
 Sample : I7008-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-D-B

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-BF121417.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	5.010	494	497	511	rBV	48799	94073	2.66%	0.273%
2	5.416	563	566	583	rBV	805056	1180541	33.32%	3.422%
3	6.439	737	740	758	rBV	514020	893403	25.22%	2.590%
4	6.569	758	762	769	rBV	1896270	2052596	57.94%	5.950%
5	6.792	797	800	810	rBV	842964	820370	23.16%	2.378%
6	6.951	823	827	842	rBV	2701786	2610286	73.68%	7.567%
7	7.369	893	898	921	rBV	2004695	2315164	65.35%	6.711%
8	8.075	1015	1018	1036	rBV	980921	1112758	31.41%	3.226%
9	9.151	1197	1201	1209	rBV	3616426	3542532	100.00%	10.269%
10	9.833	1313	1317	1321	rBV	909969	919088	25.94%	2.664%
11	9.863	1321	1322	1330	rVB	51640	43582	1.23%	0.126%
12	10.627	1448	1452	1460	rBV	1008611	1108288	31.29%	3.213%
13	10.868	1490	1493	1496	rBV2	47341	44950	1.27%	0.130%
14	11.251	1554	1558	1561	rBV	138807	109240	3.08%	0.317%
15	11.321	1564	1570	1581	rBV	822438	990316	27.96%	2.871%
16	11.404	1581	1584	1588	rVB	85128	76010	2.15%	0.220%
17	11.515	1599	1603	1605	rBV	167271	137022	3.87%	0.397%
18	11.686	1629	1632	1635	rBV	543914	419513	11.84%	1.216%
19	11.763	1642	1645	1650	rVB	47173	42162	1.19%	0.122%
20	11.827	1653	1656	1659	rBV	52170	53044	1.50%	0.154%
21	11.939	1672	1675	1678	rBV	78435	72278	2.04%	0.210%
22	12.104	1700	1703	1706	rBV	177529	155357	4.39%	0.450%
23	12.268	1729	1731	1734	rBV	49829	52545	1.48%	0.152%
24	12.504	1767	1771	1773	rBV4	42656	63365	1.79%	0.184%
25	12.845	1826	1829	1831	rBV2	61914	71417	2.02%	0.207%
26	12.904	1834	1839	1842	rBV	2249532	2165999	61.14%	6.279%
27	13.057	1862	1865	1868	rBV4	80669	76358	2.16%	0.221%
28	13.110	1872	1874	1877	rVB2	53698	48942	1.38%	0.142%
29	13.274	1900	1902	1904	rBV2	67835	51294	1.45%	0.149%
30	13.298	1904	1906	1908	rVB2	63594	43711	1.23%	0.127%
31	13.333	1908	1912	1915	rBV5	126715	176573	4.98%	0.512%
32	13.368	1915	1918	1922	rBV4	101487	148624	4.20%	0.431%
33	13.468	1932	1935	1937	rBV3	120527	94330	2.66%	0.273%
34	13.492	1937	1939	1941	rBV2	87547	77654	2.19%	0.225%

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35	13.551	1947	1949	1952	rBV3	72926	71178	2.01%	0.206%
36	13.592	1954	1956	1958	rBV2	102511	79491	2.24%	0.230%
37	13.621	1958	1961	1964	rBV3	236626	261119	7.37%	0.757%
38	13.668	1967	1969	1971	rBV2	122386	131946	3.72%	0.382%
39	13.745	1979	1982	1984	rBV4	166413	201476	5.69%	0.584%
40	13.804	1989	1992	1997	rVB5	196616	330314	9.32%	0.957%
41	13.892	2005	2007	2011	rBV4	164259	210740	5.95%	0.611%
42	13.933	2011	2014	2016	rBV2	286243	310227	8.76%	0.899%
43	13.974	2018	2021	2026	rVB	740297	1075000	30.35%	3.116%
44	14.027	2028	2030	2031	rBV	148564	120987	3.42%	0.351%
45	14.109	2041	2044	2049	rVB2	453519	523882	14.79%	1.519%
46	14.162	2049	2053	2056	rBV2	365137	485982	13.72%	1.409%
47	14.239	2063	2066	2068	rBV3	317266	403422	11.39%	1.169%
48	14.286	2071	2074	2077	rVB2	384335	383061	10.81%	1.110%
49	14.345	2079	2084	2087	rBV4	333693	554255	15.65%	1.607%
50	14.409	2092	2095	2099	rVV	472751	540226	15.25%	1.566%
51	14.456	2100	2103	2110	rVV2	574798	786431	22.20%	2.280%
52	14.533	2113	2116	2120	rVV2	339325	534574	15.09%	1.550%
53	14.574	2121	2123	2129	rVV3	360104	482272	13.61%	1.398%
54	14.633	2130	2133	2141	rVB	465216	646399	18.25%	1.874%
55	14.704	2142	2145	2149	rVV	282413	304464	8.59%	0.883%
56	14.756	2151	2154	2163	rVB2	364771	510942	14.42%	1.481%
57	14.833	2164	2167	2173	rBV5	187147	323027	9.12%	0.936%
58	14.951	2184	2187	2193	rVB3	302426	421086	11.89%	1.221%
59	15.345	2252	2254	2258	rVB2	161988	169540	4.79%	0.491%
60	15.439	2266	2270	2279	rVB	468774	751590	21.22%	2.179%
61	15.527	2282	2285	2290	rVB	204742	263536	7.44%	0.764%
62	16.068	2373	2377	2385	rVB2	313044	589409	16.64%	1.709%
63	16.492	2444	2449	2457	rVB	446139	791984	22.36%	2.296%
64	17.050	2540	2544	2550	rVB3	101714	188593	5.32%	0.547%
65	17.115	2552	2555	2566	rVB4	79178	187267	5.29%	0.543%

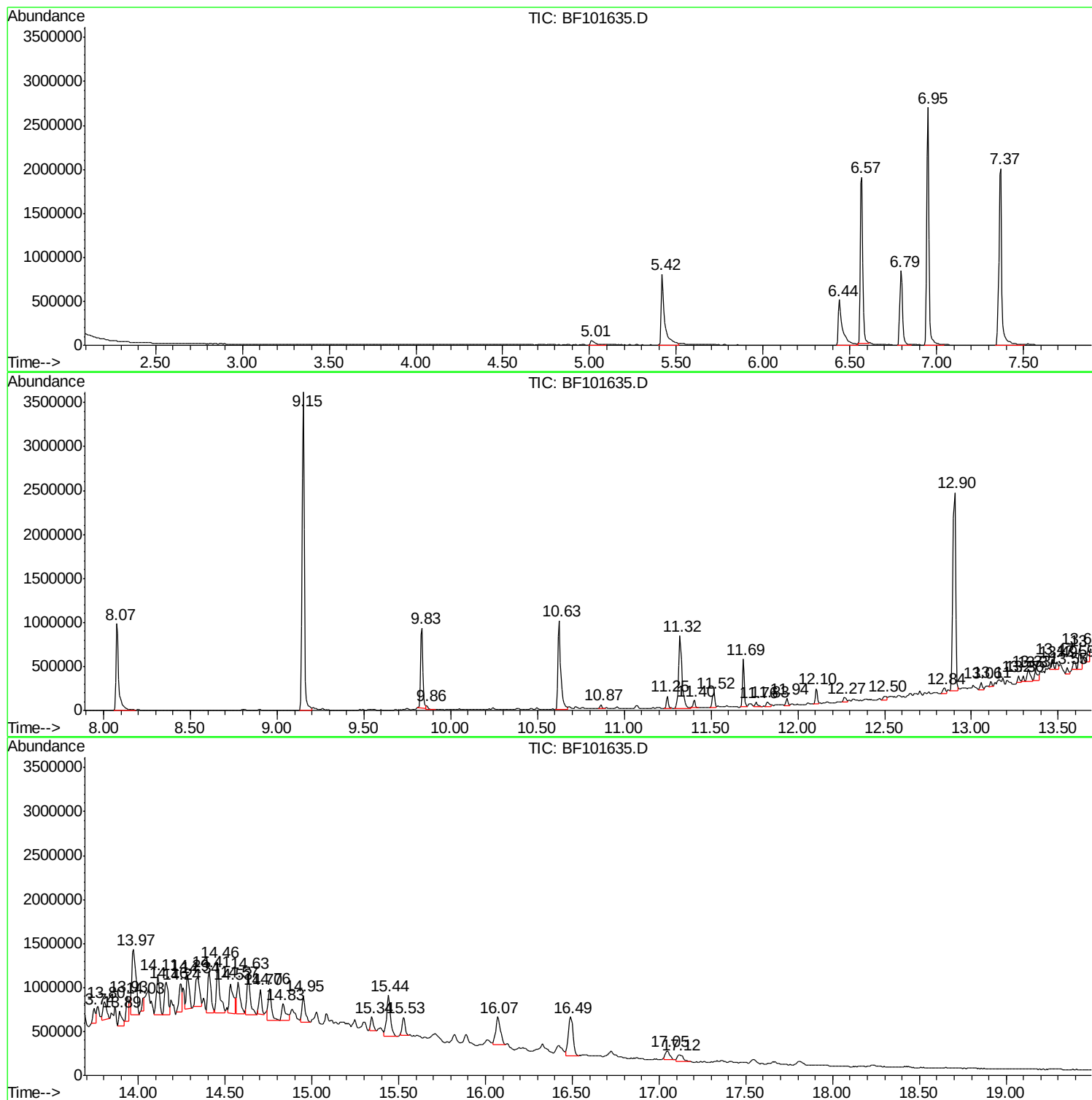
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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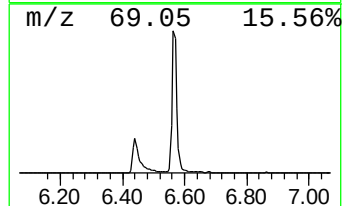
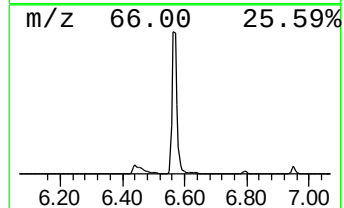
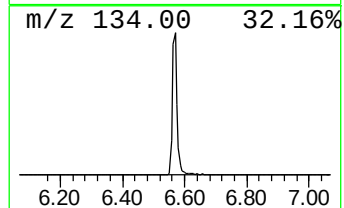
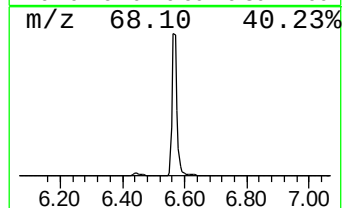
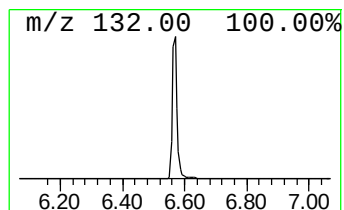
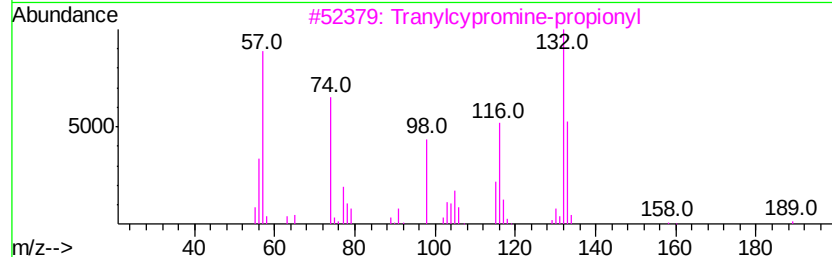
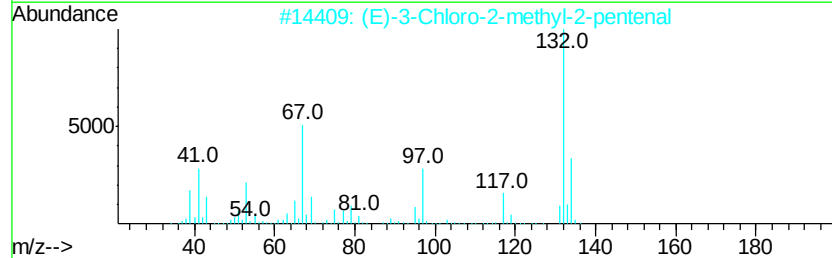
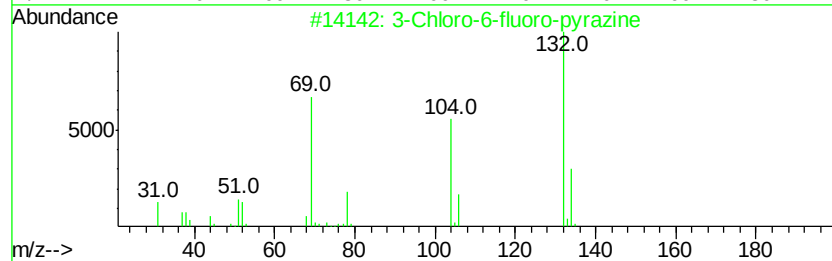
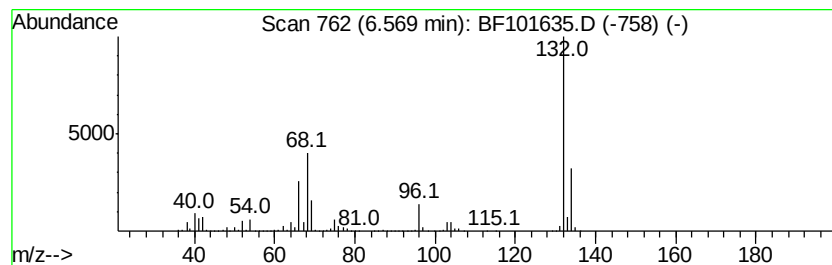
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	50.04 ng	2052600	1,4-Dichlorobenzene-d4	6.79

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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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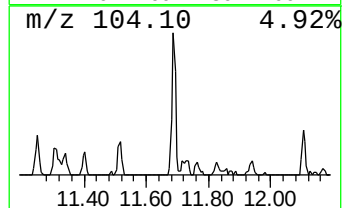
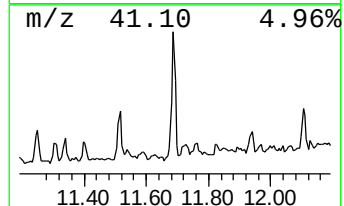
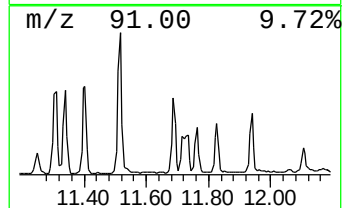
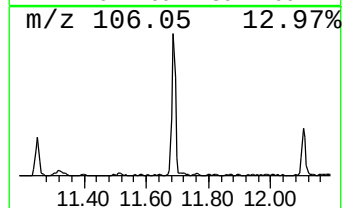
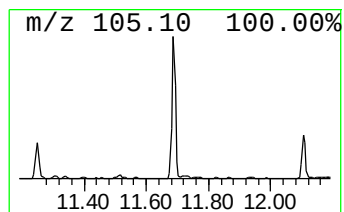
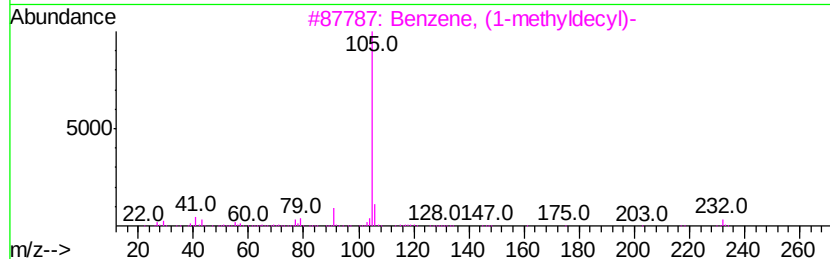
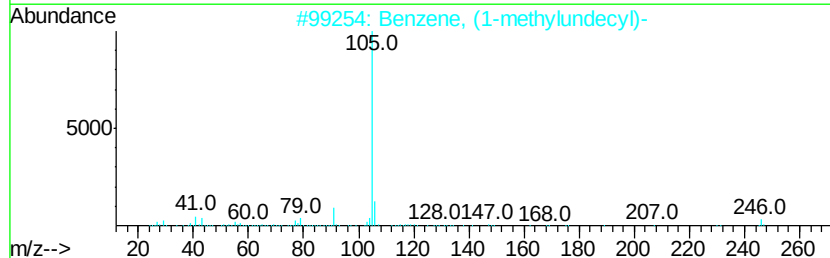
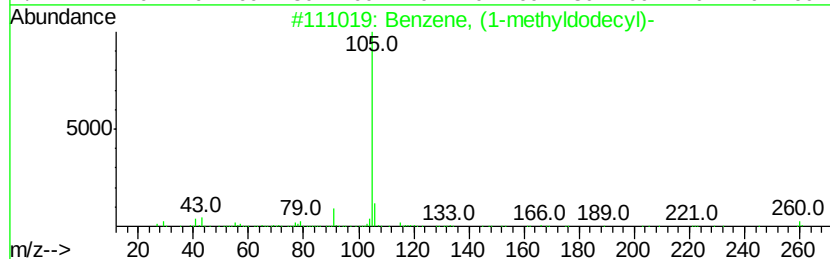
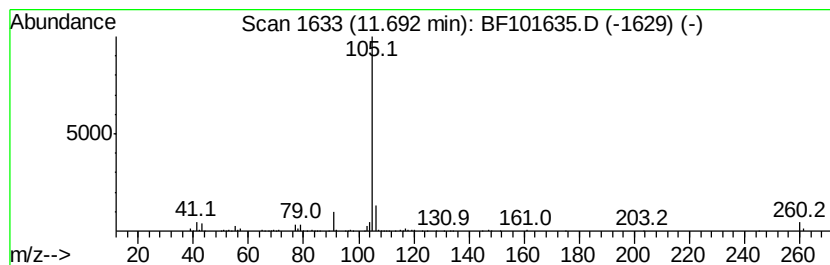
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1-methyldodecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.47 ng	419513	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
3		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
4		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	78
5		Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64



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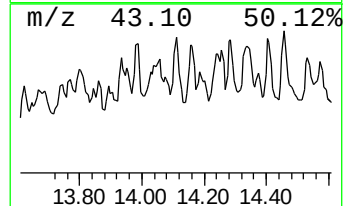
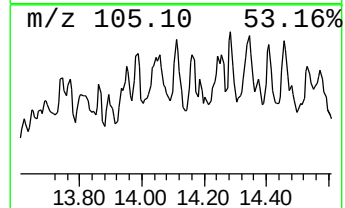
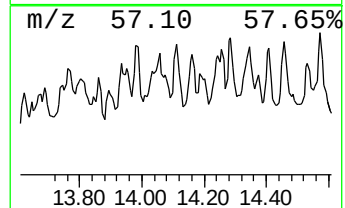
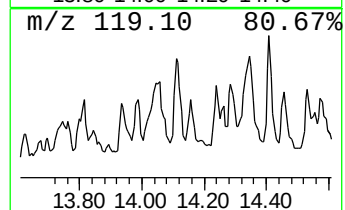
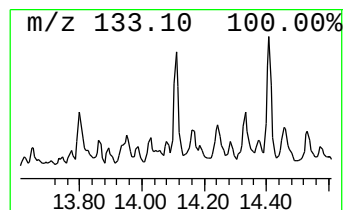
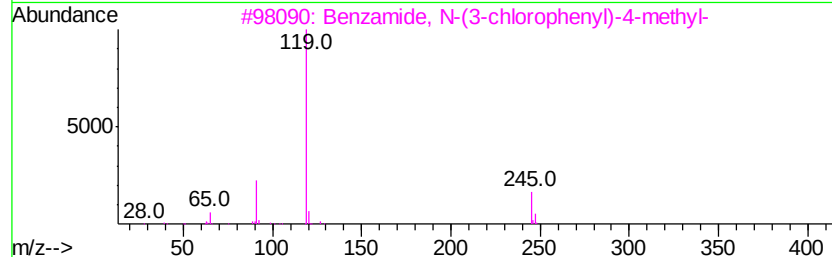
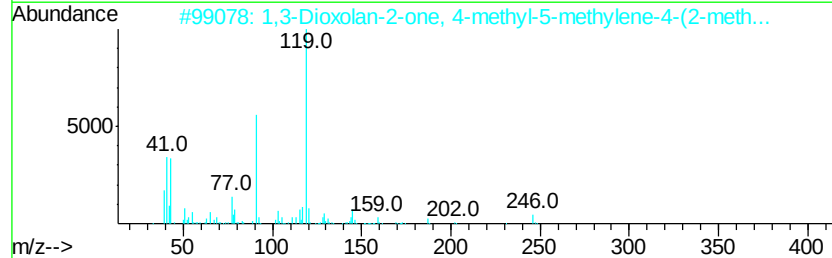
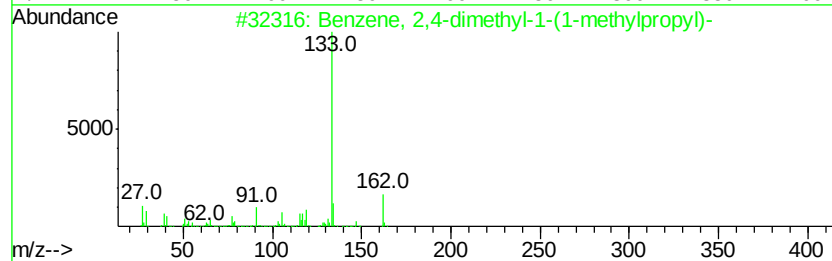
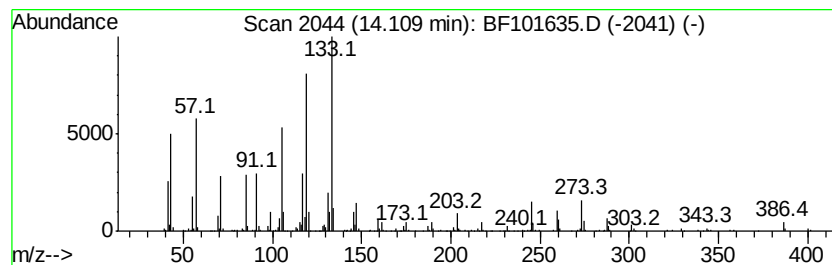
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.11 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	9.75 ng	523882	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methylpropyl)-	162	C12H18	001483-60-9	27
2		1,3-Dioxolan-2-one, 4-methyl-5-methylene-4-(2-methylpropyl)-	246	C15H18O3	1000319-92-8	25
3		Benzamide, N-(3-chlorophenyl)-4-methyl-	245	C14H12ClNO	1000306-95-8	22
4		Benzamide, N-(3-chlorophenyl)-2-methyl-	245	C14H12ClNO	1000307-00-4	22
5		N-(4-Chlorophenyl)-2-methylbenzamide	245	C14H12ClNO	065492-63-9	22



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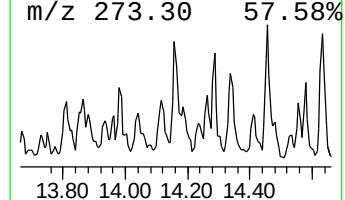
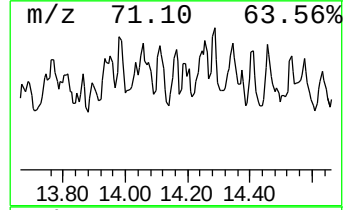
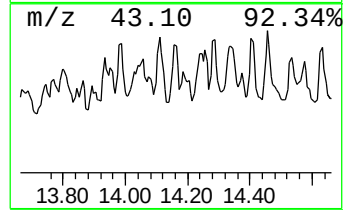
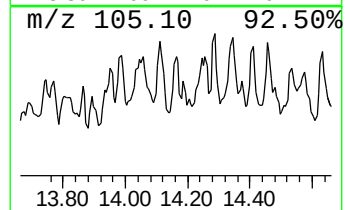
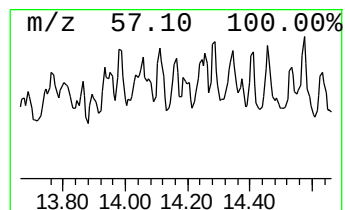
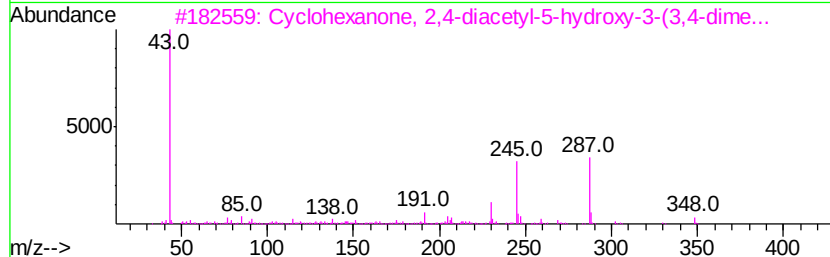
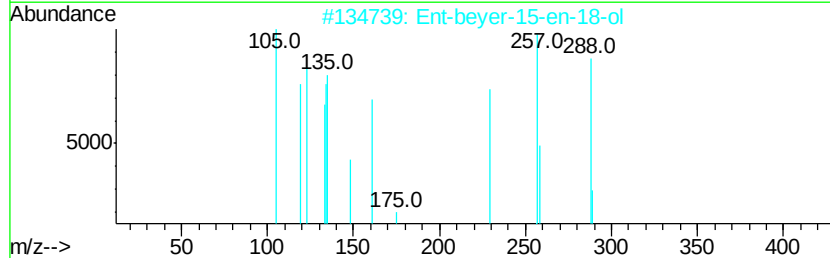
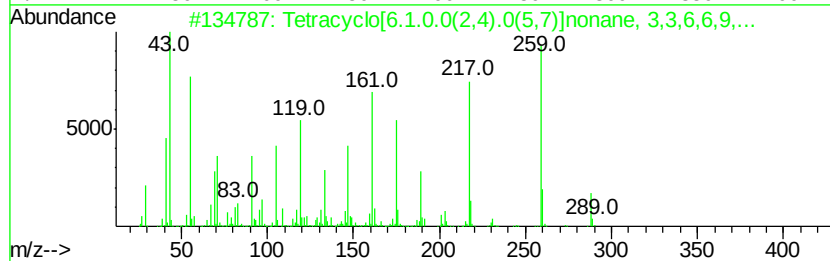
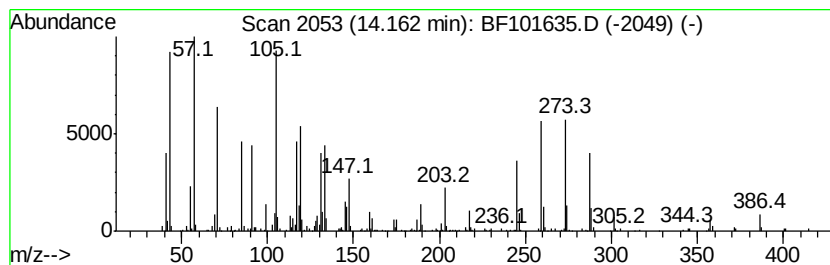
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown14.16 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	9.04 ng	485982	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	288	C21H36	078578-98-0	11
2		Ent-beyer-15-en-18-ol	288	C20H32O	020107-90-8	10
3		Cyclohexanone, 2,4-diacetyl-5-hv...	348	C19H24O6	1000260-63-7	10
4		1H-1,3-Benzimidazole-1-acetamide...	287	C17H25N3O	1000351-15-0	10
5		Phthalic acid, 4-chloro-3-methyl...	400	C21H14Cl2O4	1000315-71-9	10



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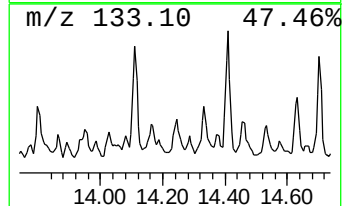
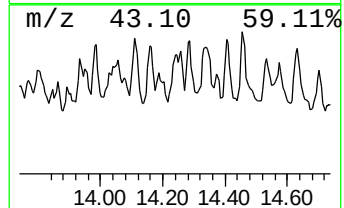
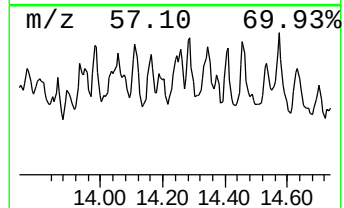
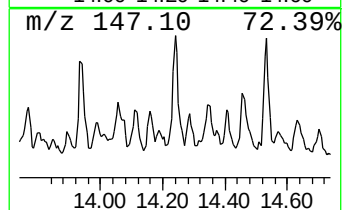
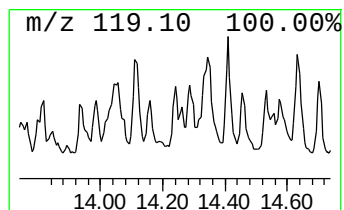
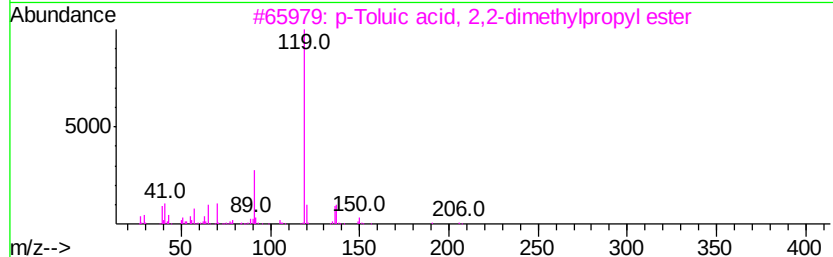
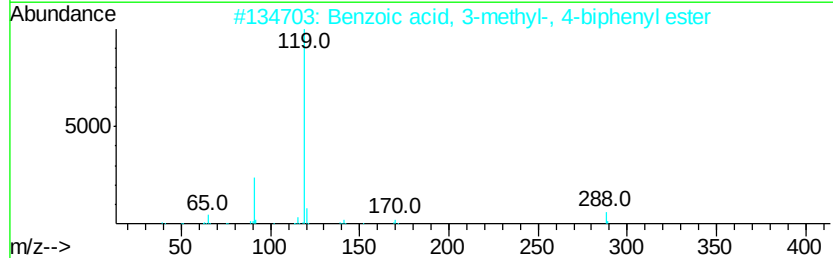
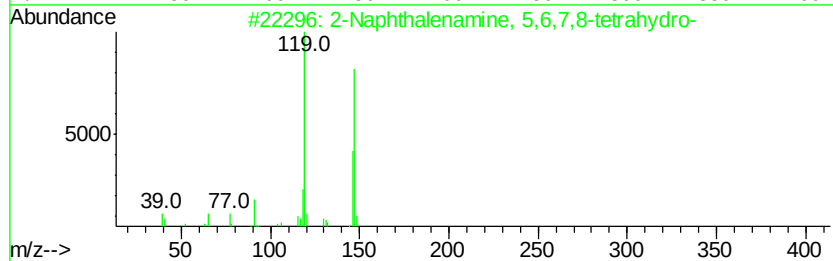
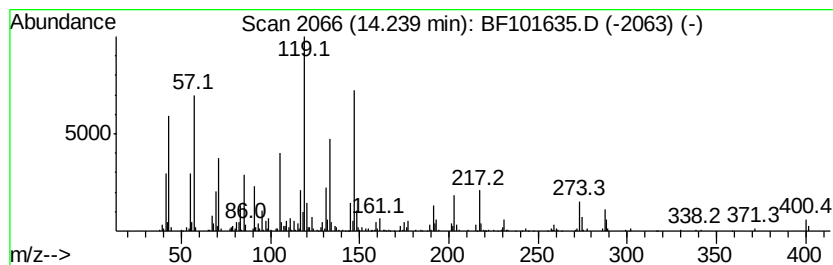
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	7.51 ng	403422	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	38
2		Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	18
3		p-Toluic acid, 2,2-dimethylpropyl...	206	C13H18O2	069912-01-2	14
4		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	14
5		p-Toluic acid, pent-2-en-4-ynyl ...	200	C13H12O2	1000292-50-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-B

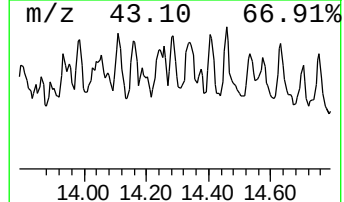
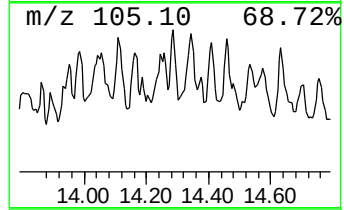
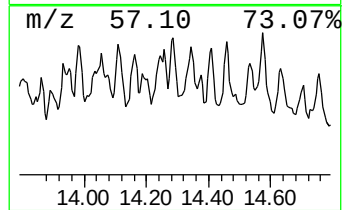
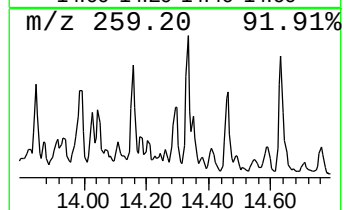
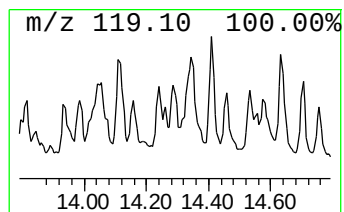
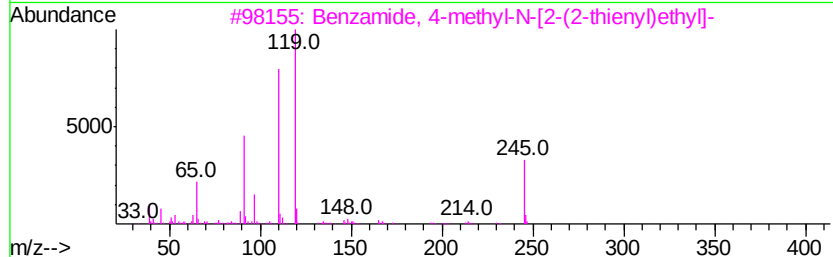
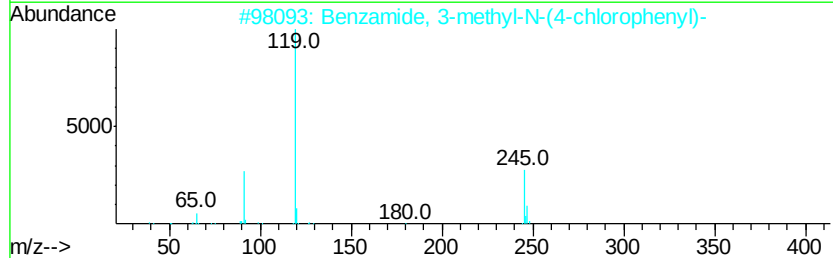
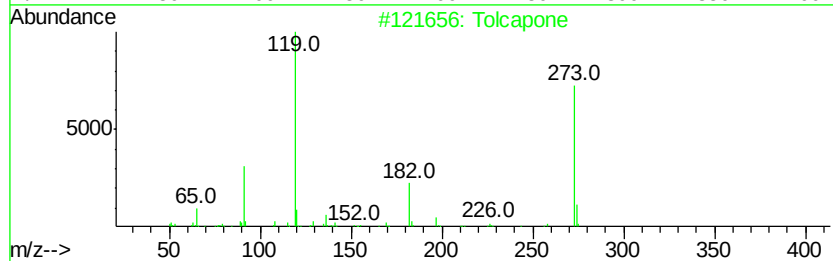
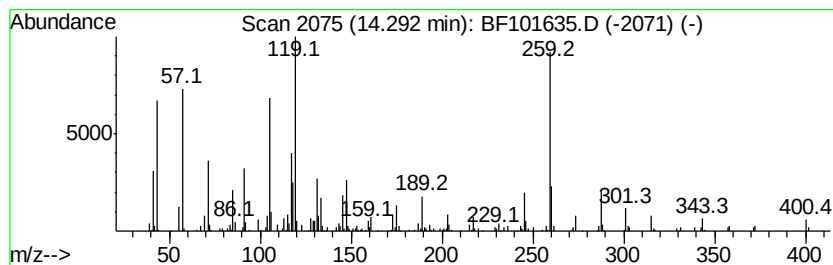
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.13 ng	383061	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tolcapone	273	C14H11NO5	134308-13-7	25
2		Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	14
3		Benzamide, 4-methyl-N-[2-(2-thie...	245	C14H15NOS	1000319-70-5	14
4		Acetoxycetic acid, undecyl ester	272	C15H28O4	1000308-31-8	14
5		1H-Benzo[4,5]imidazo[2,1-c][1,2,...	318	C18H14N4O2	1000310-15-4	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
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Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

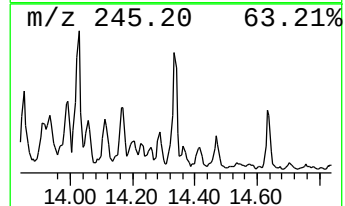
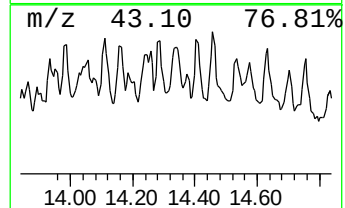
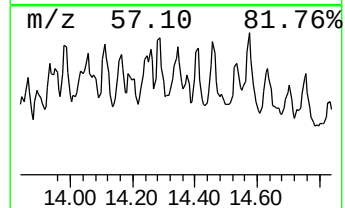
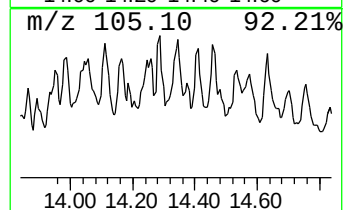
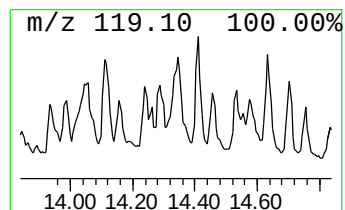
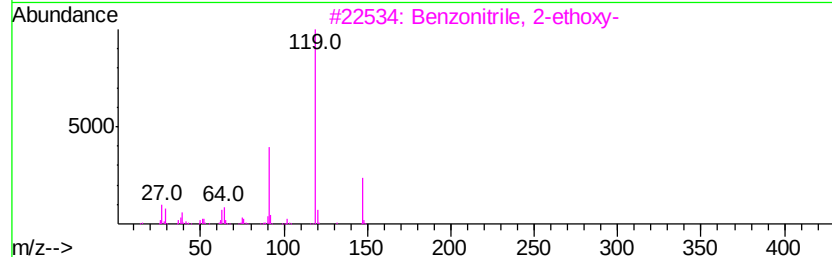
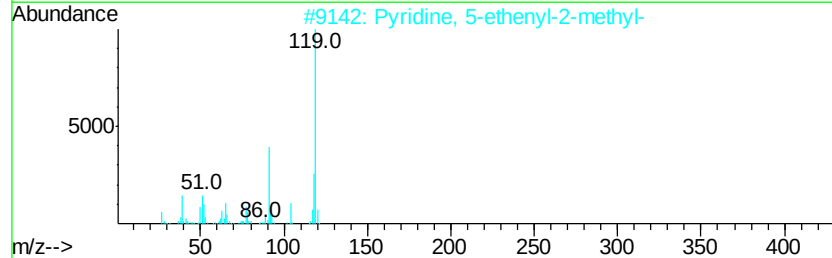
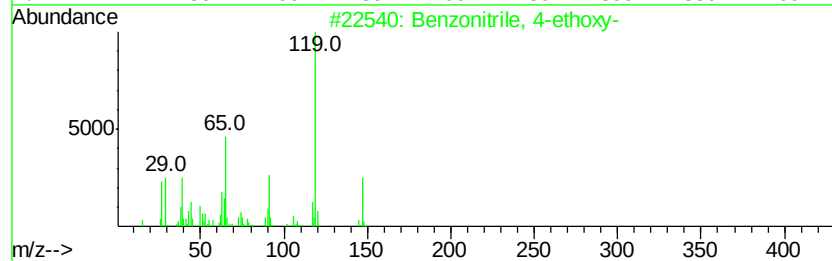
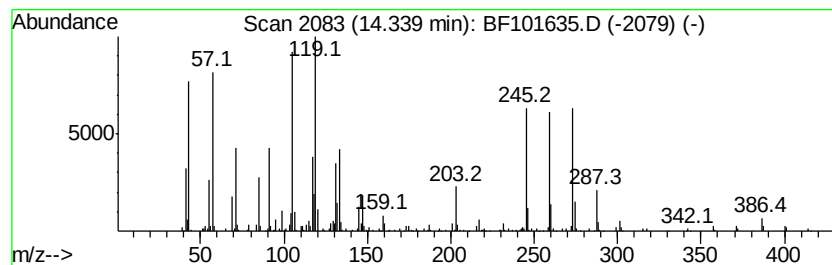
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ClientSampleId :
121817-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.34 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.34	10.31 ng	554255	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	27
2		Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	25
3		Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	22
4		5-Ethyl-3-phenyl-2,5-dihydro-1,2...	176	C10H12N2O	037467-27-9	22
5		3,3,5,5-Tetramethyl-6-(4-methyl-...	288	C17H20O4	1000297-36-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
121817-TIDO-F-D-B

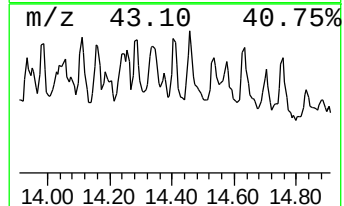
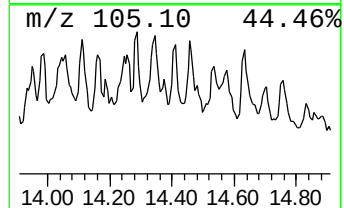
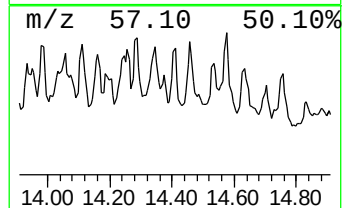
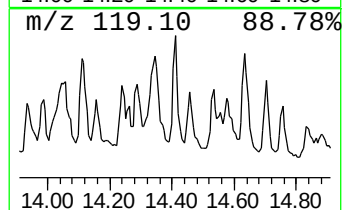
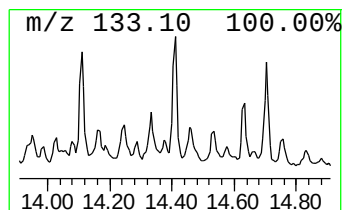
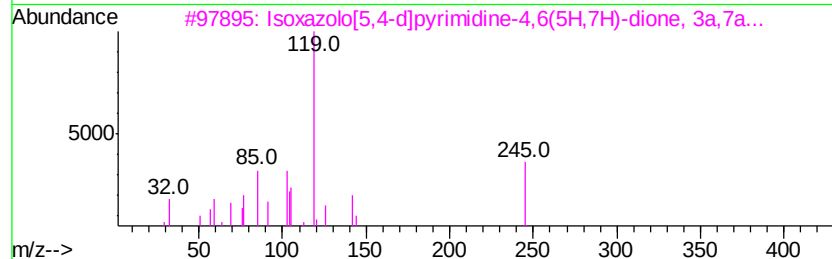
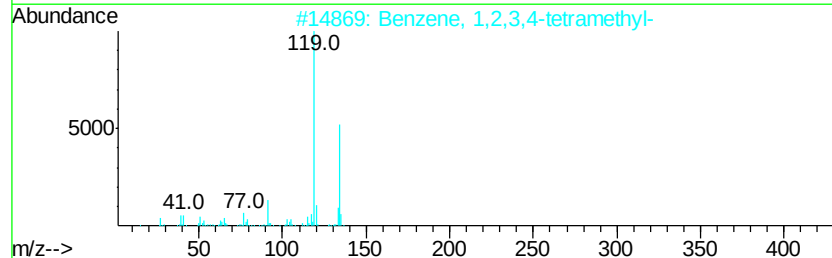
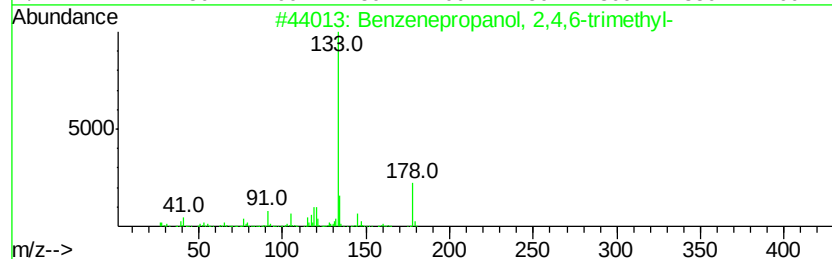
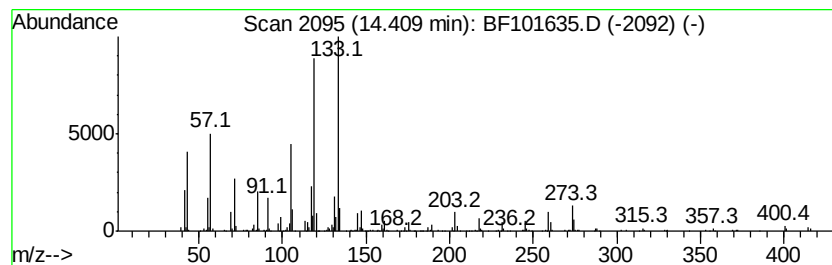
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	10.05 ng	540226	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	38
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	27
3		Isoxazolo[5,4-d]pyrimidine-4,6(5...	245	C12H11N3O3	035053-73-7	27
4		Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	25
5		5-Aminoindazole	133	C7H7N3	019335-11-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

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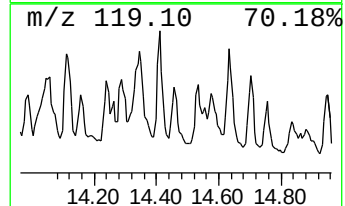
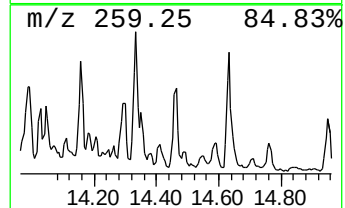
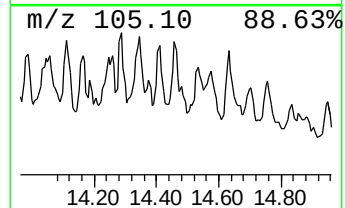
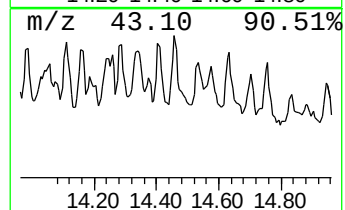
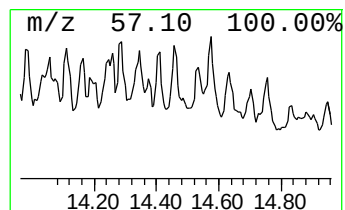
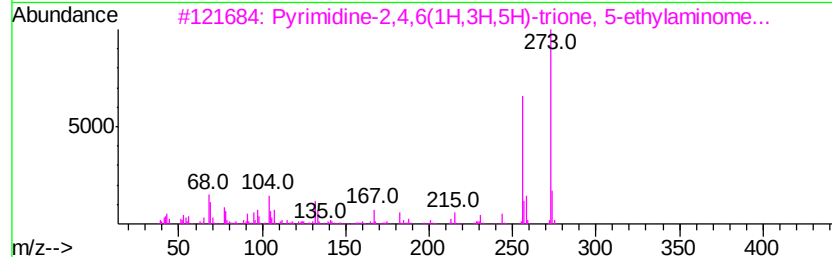
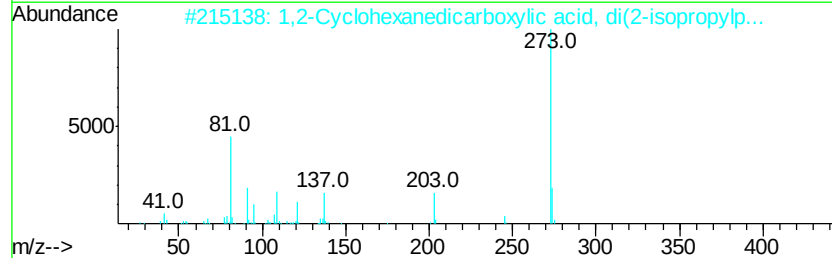
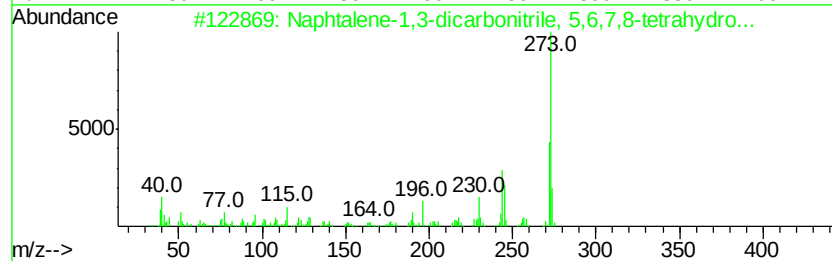
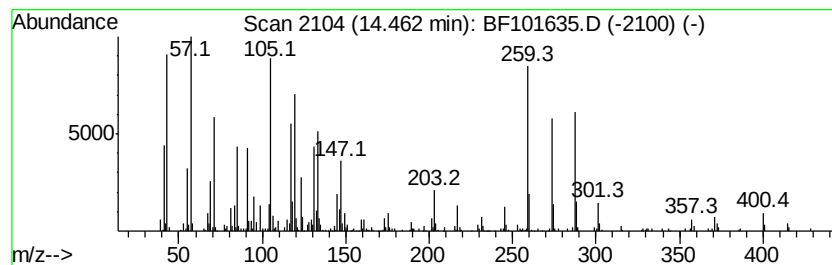
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.46 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	14.63 ng	786431	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtalene-1,3-dicarbonitrile, 5...	274	C18H14N2O	1000259-78-7	11
2		1,2-Cyclohexanedicarboxylic acid...	408	C26H32O4	1000339-70-7	11
3		Pyrimidine-2,4,6(1H,3H,5H)-trione...	273	C14H15N3O3	346612-10-0	11
4		Cobaltocene, 1,1'-diacetyl-	273	C14H14CoO2	073249-54-4	11
5		2,5-Pyrrolidinone, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
121817-TIDO-F-D-B

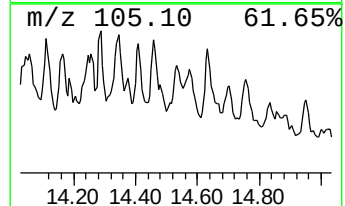
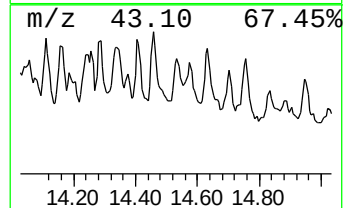
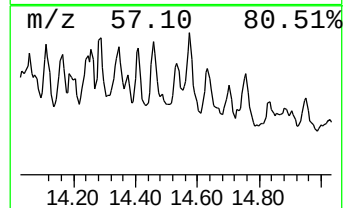
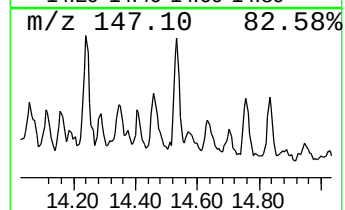
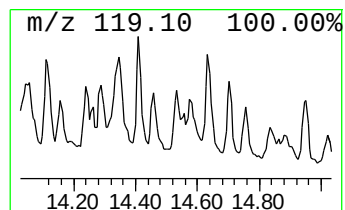
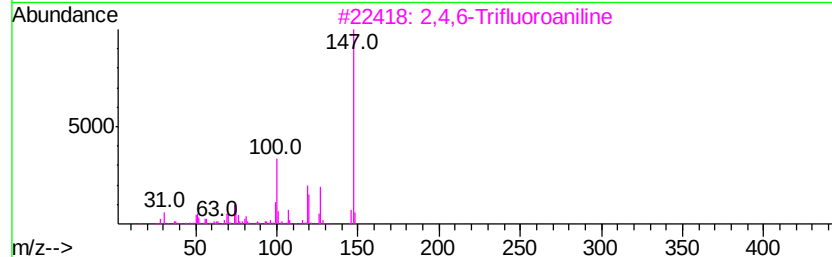
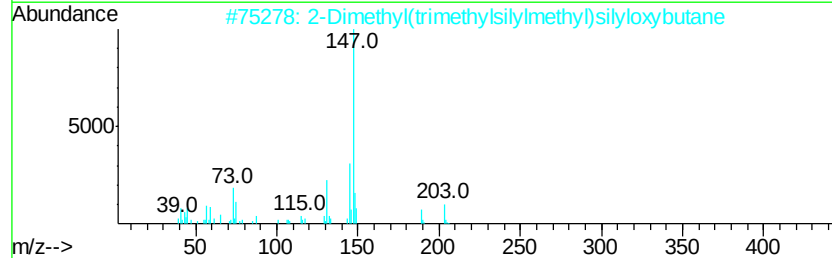
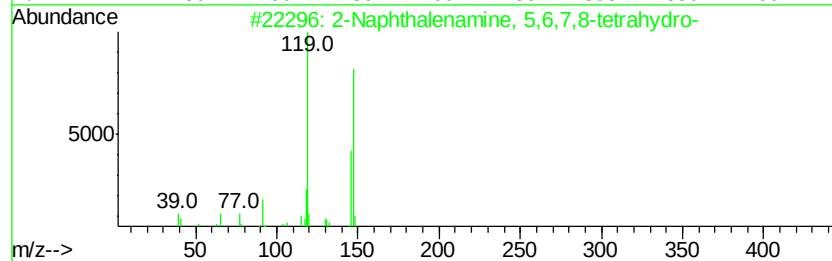
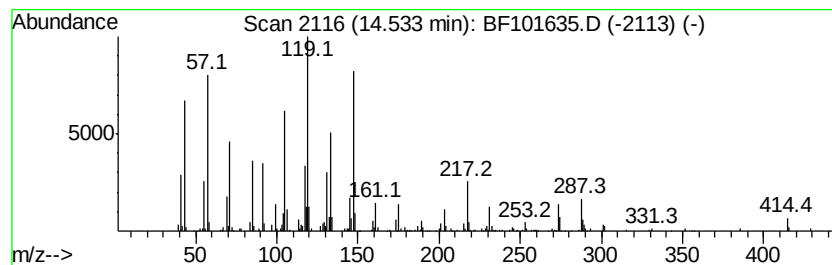
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.95 ng	534574	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	49
2		2-Dimethyl(trimethylsilylmethyl)...	218	C10H26OSi2	1000216-92-8	14
3		2,4,6-Trifluoroaniline	147	C6H4F3N	000363-81-5	14
4		2,3,6-Trifluoroaniline	147	C6H4F3N	067815-56-9	14
5		Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
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Sample : I7008-05
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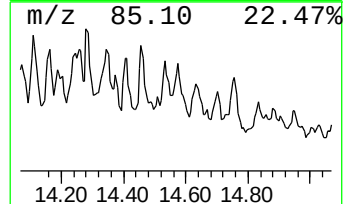
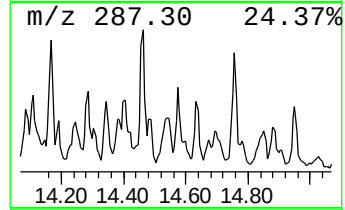
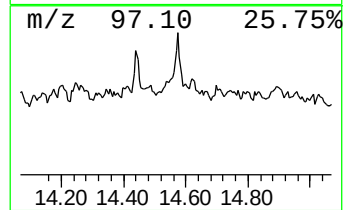
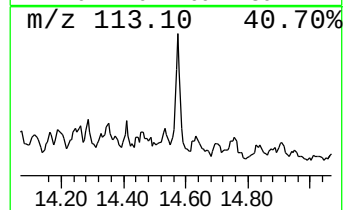
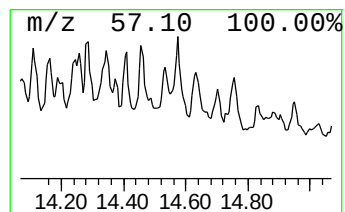
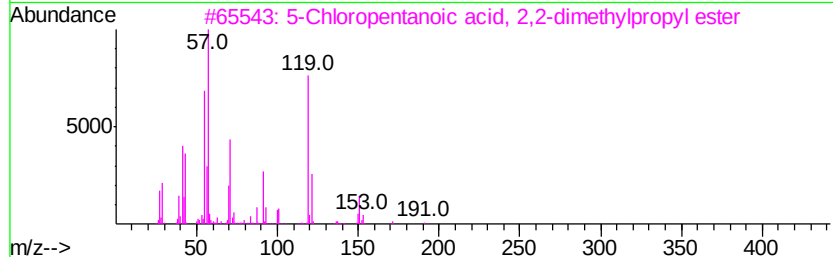
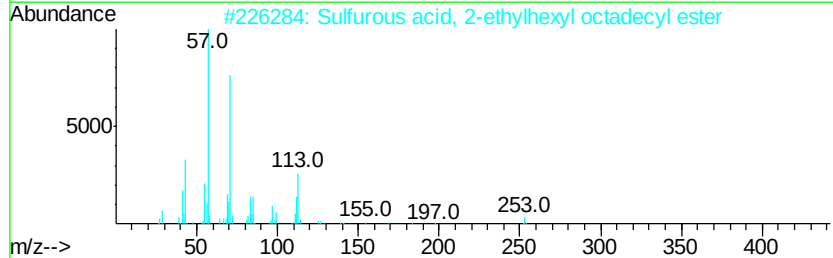
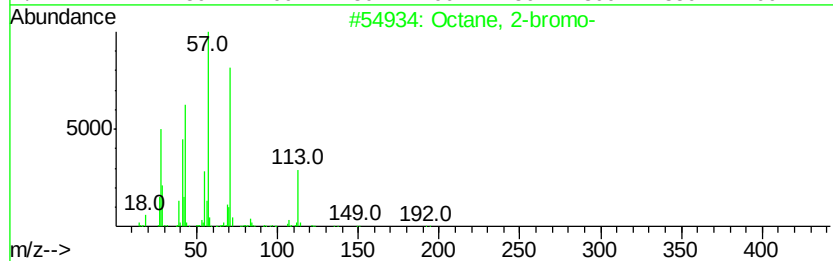
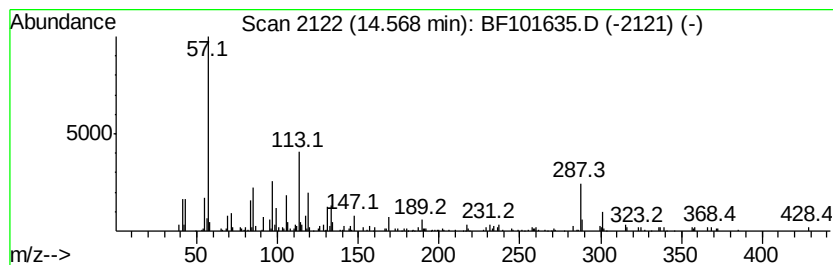
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	8.97 ng	482272	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2-bromo-	192 C8H17Br	000557-35-7 10
2		Sulfurous acid, 2-ethylhexyl oct...	446 C26H54O3S	1000309-20-1 9
3		5-Chloropentanoic acid, 2,2-dime...	206 C10H19ClO2	1000293-48-5 9
4		Hexadecane, 1,1'-[1,2-ethanediyl...	511 C34H70O2	017367-09-8 9
5		Heptanoic acid, 1,1-dimethylethy...	186 C11H22O2	041084-78-0 9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

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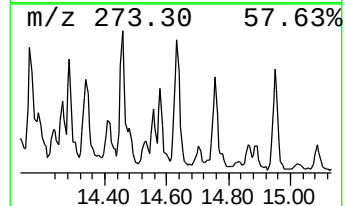
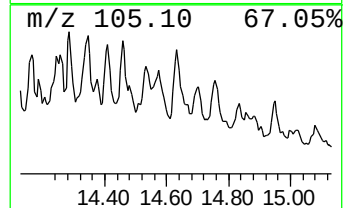
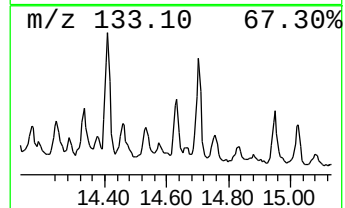
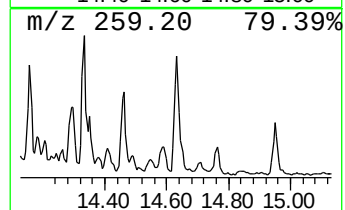
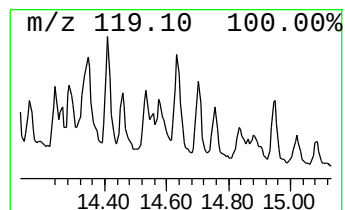
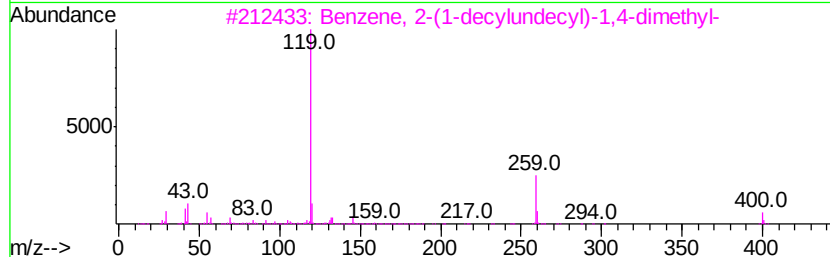
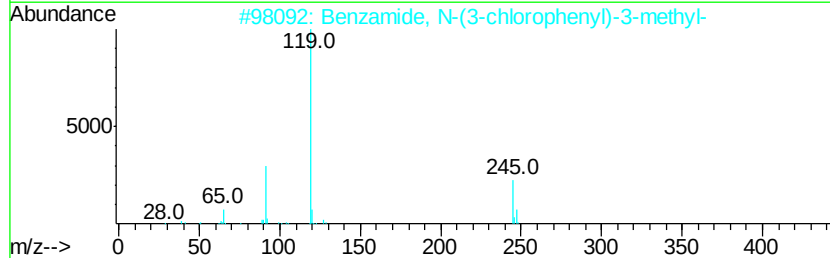
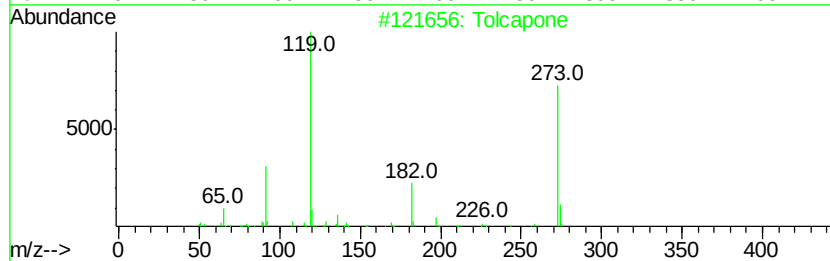
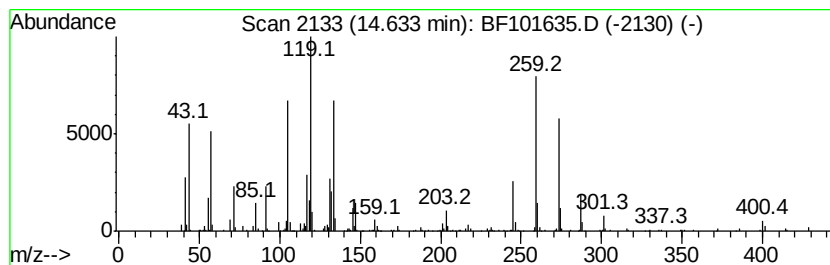
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	12.03 ng	646399	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tolcapone	273	C14H11NO5	134308-13-7	25
2		Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	14
3		Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	14
4		Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	14
5		2-Methylbenzoic acid, 2,4-dichlo...	330	C18H12Cl2O2	1000331-28-7	11



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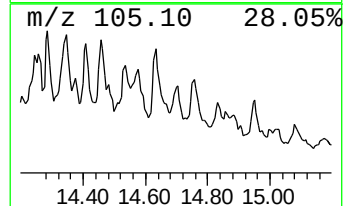
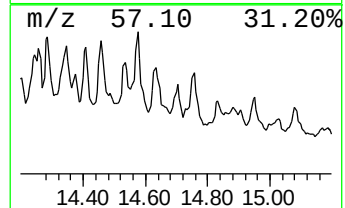
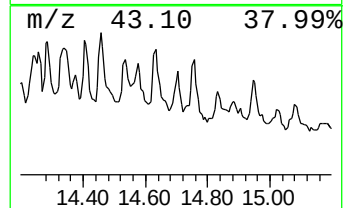
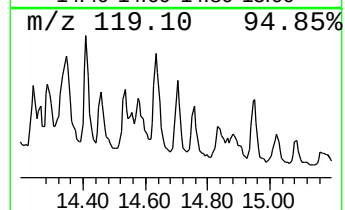
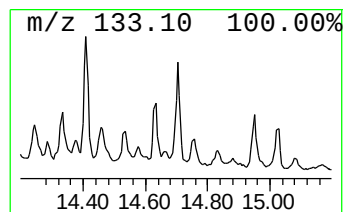
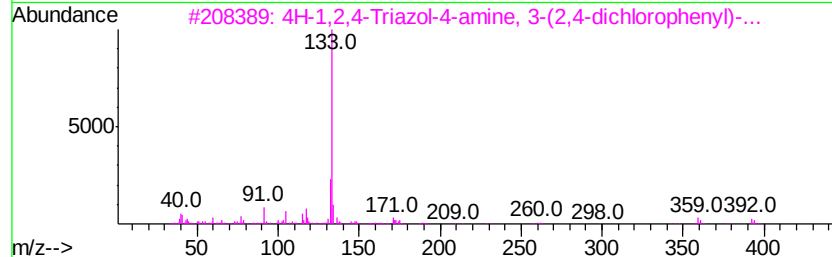
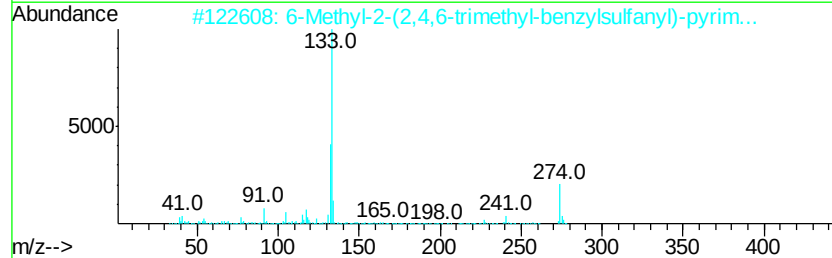
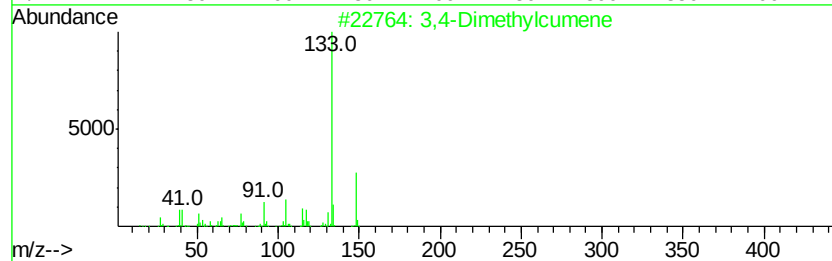
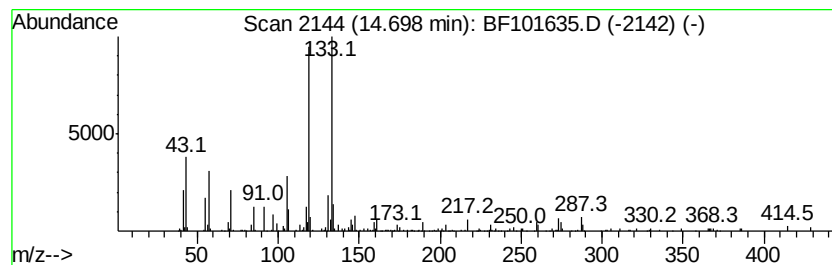
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3,4-Dimethylcumene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	8.10 ng	304464	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	58
2		6-Methyl-2-(2,4,6-trimethyl-benz...	274	C15H18N2OS	1000294-32-1	50
3		4H-1,2,4-Triazol-4-amine, 3-(2,4...	392	C18H18Cl2N4S	1000271-70-9	47
4		6-Aminoindazole	133	C7H7N3	006967-12-0	38
5		4-Ethylbenzoic acid, cyclobutyl ...	204	C13H16O2	1000292-19-6	38



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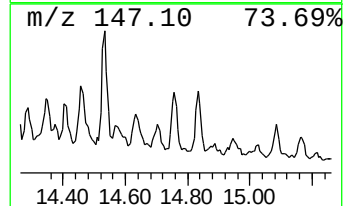
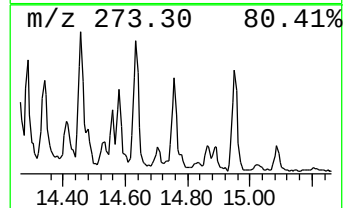
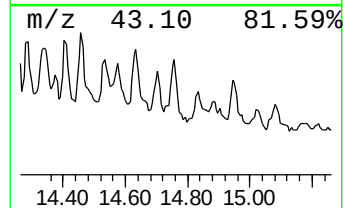
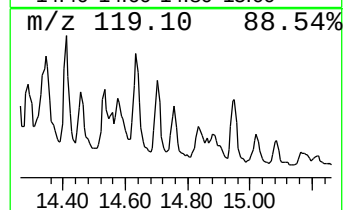
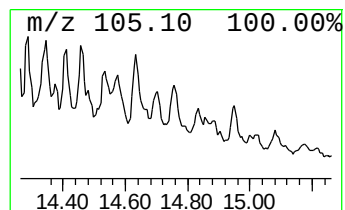
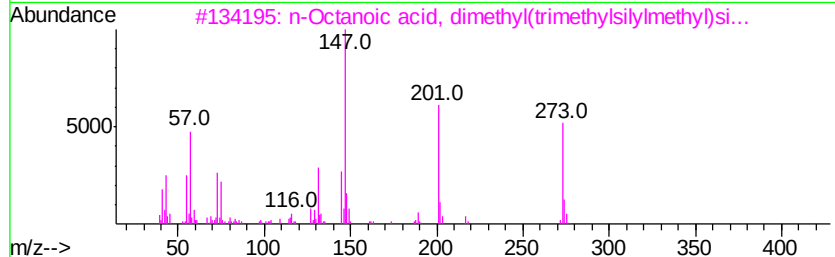
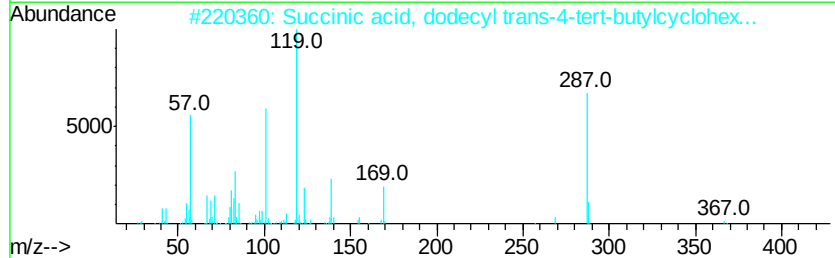
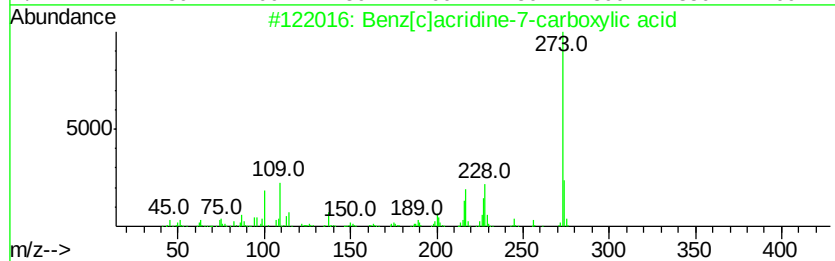
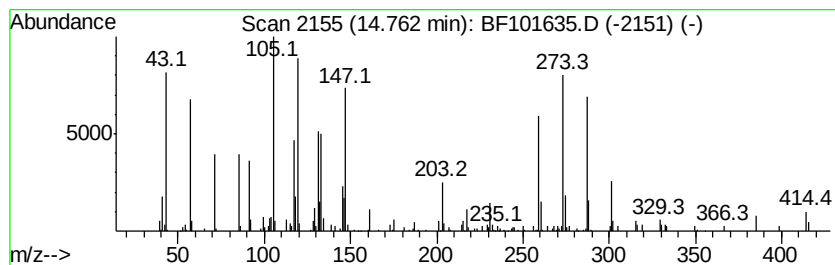
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	13.60 ng	510942	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[c]acridine-7-carboxylic acid	273	C18H11NO2	034623-43-3	15
2		Succinic acid, dodecyl trans-4-t...	424	C26H48O4	1000330-17-4	14
3		n-Octanoic acid, dimethyl(trimet...	288	C14H32O2Si2	1000217-02-7	14
4		N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	11
5		N,N'-Bis(2-hydroxyethyl)-1,2,4,5...	304	C14H12N2O6	010029-22-8	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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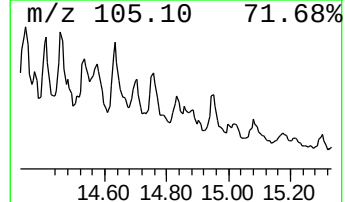
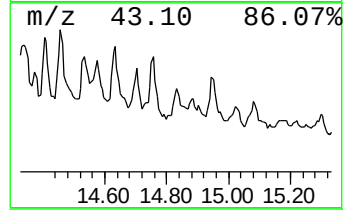
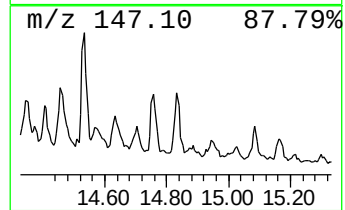
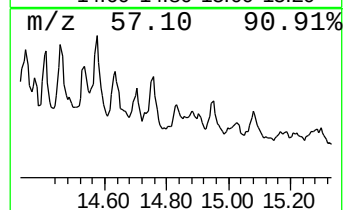
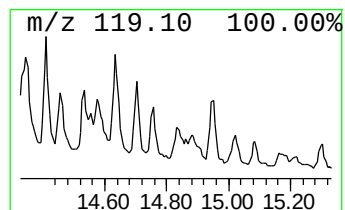
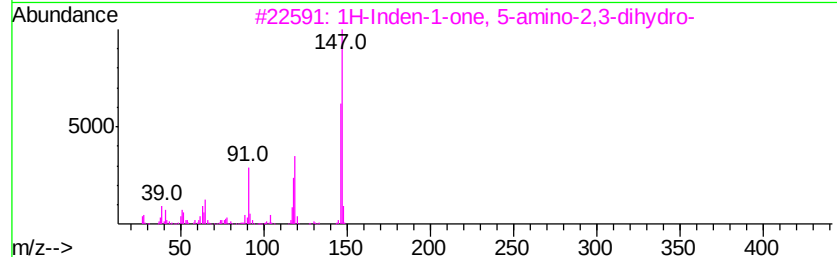
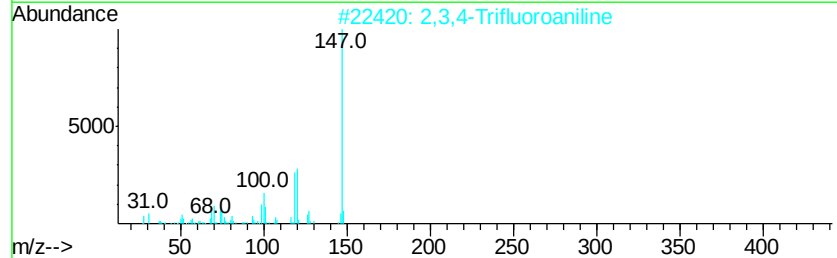
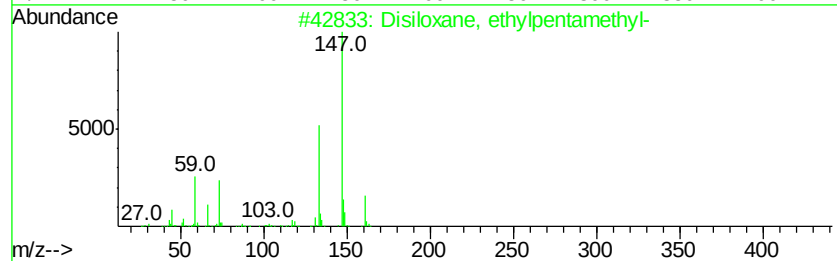
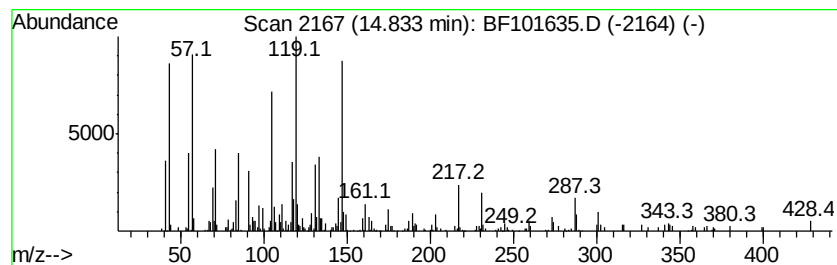
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.83 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.60 ng	323027	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disiloxane, ethylpentamethyl-	176	C7H20OSi2	006231-60-3	27
2		2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	25
3		1H-Inden-1-one, 5-amino-2,3-dihydro...	147	C9H9NO	003470-54-0	14
4		Methanone, (5-cyclohexyl-5-hydroxy-2-methyl-2-phenyl-1,3-dioxol-5-ylidene)...	300	C18H24N2O2	337497-68-4	14
5		1-Cyclohexen, 1-cyano-4-isopropenyl-	147	C10H13N	1000126-45-8	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
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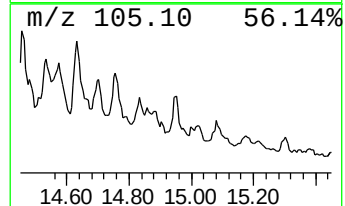
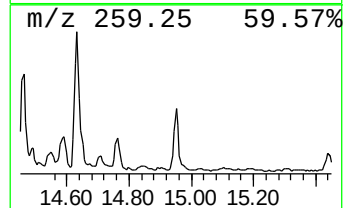
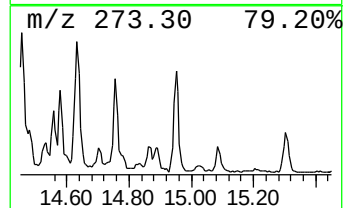
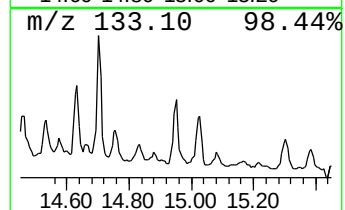
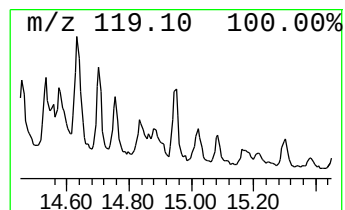
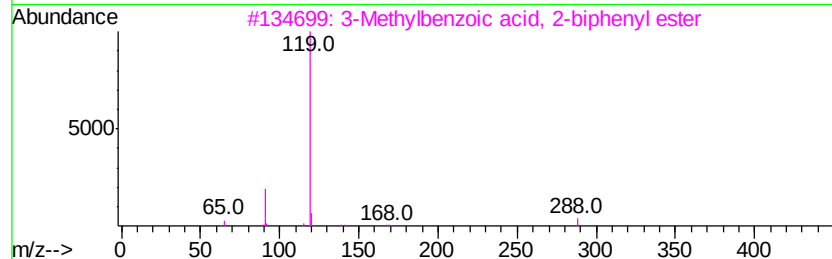
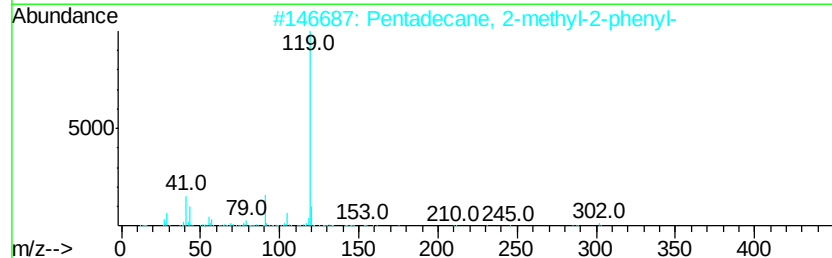
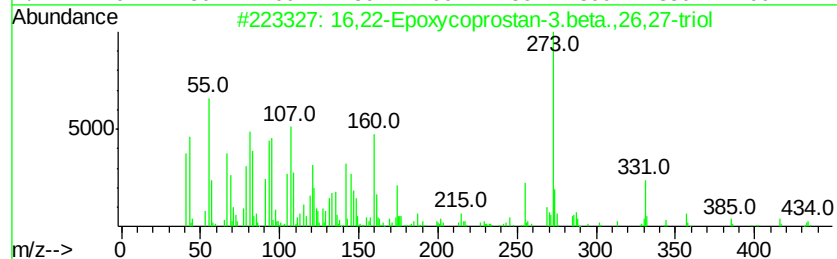
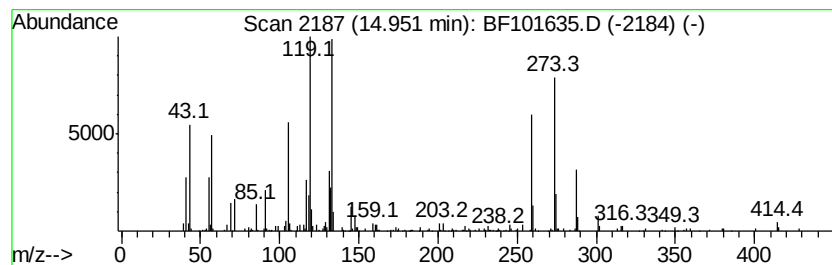
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown14.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	11.21 ng	421086	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16,22-Epoxycooprostan-3.beta.,26,...	434	C27H46O4	122337-91-1	11
2		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	11
3		3-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-27-0	11
4		4-Methylbenzoic acid, 3-chloroph...	246	C14H11ClO2	1000325-60-1	10
5		L-Cysteine, N,S-bis(m-toluoyl)-,...	371	C20H21NO4S	1000299-64-3	10



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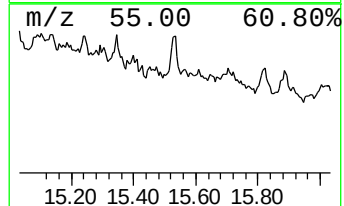
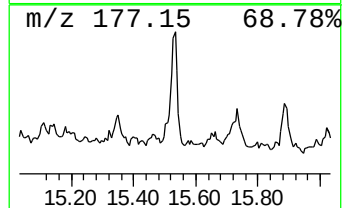
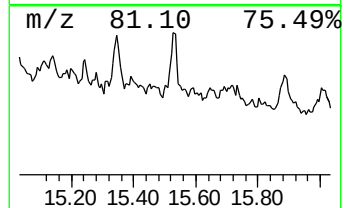
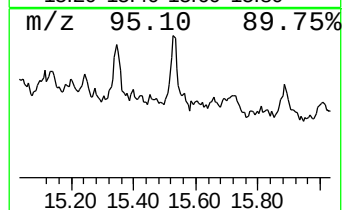
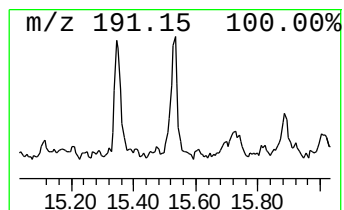
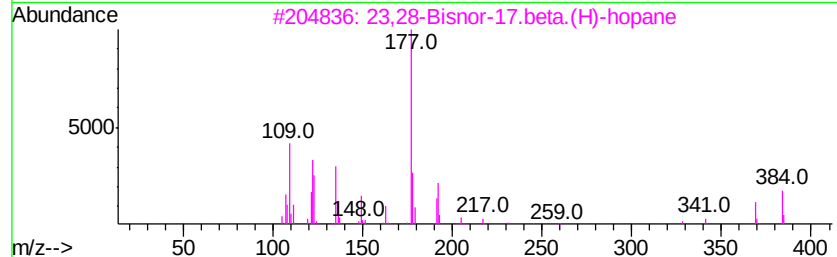
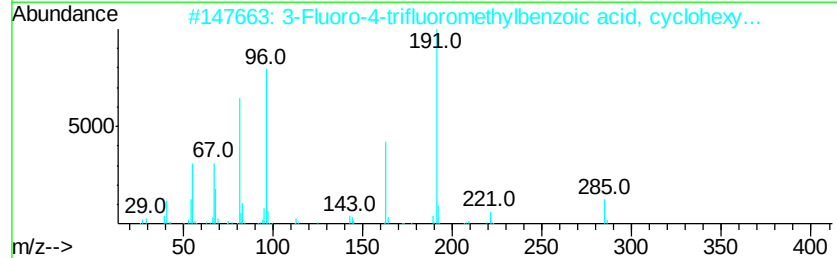
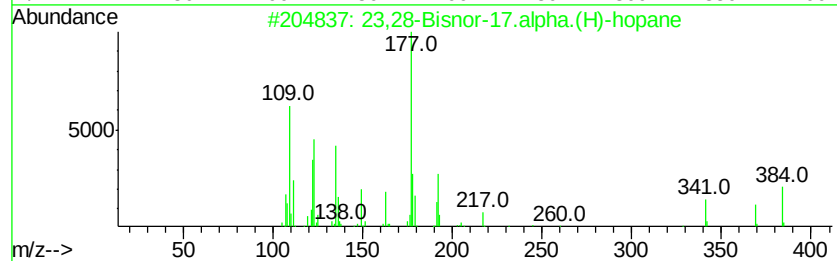
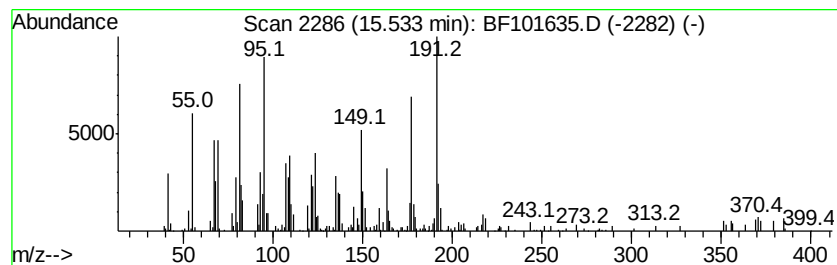
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown15.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	7.01 ng	263536	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	23,28-Bisnor-17.alpha.(H)-hopane	384	C28H48	1000101-35-1	41		
2	3-Fluoro-4-trifluoromethylbenzoi...	304	C15H16F4O2	1000357-93-9	35		
3	23,28-Bisnor-17.beta.(H)-hopane	384	C28H48	1000101-35-0	20		
4	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	15		
5	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	15		



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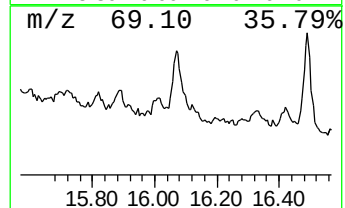
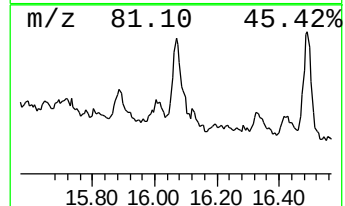
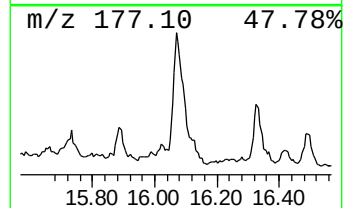
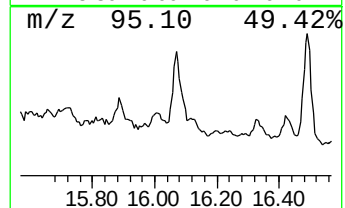
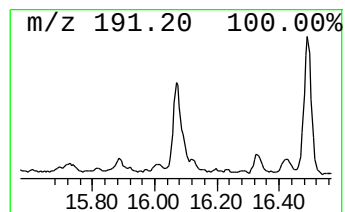
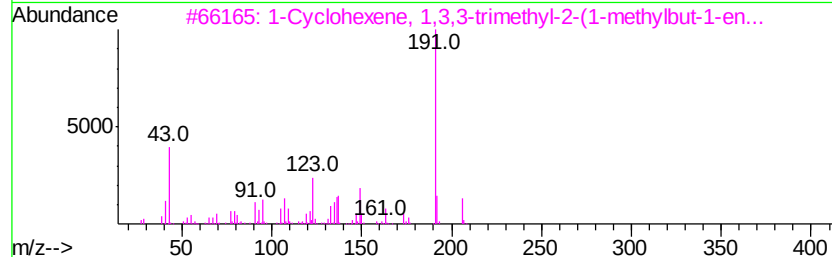
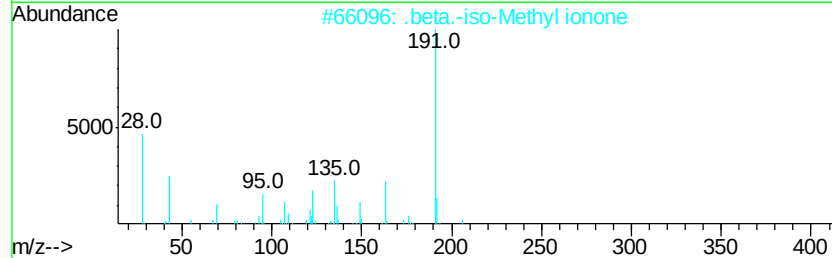
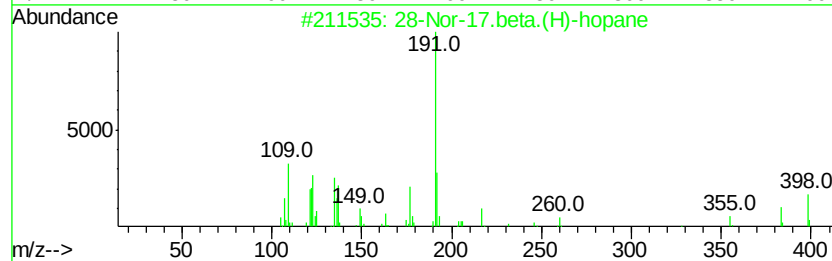
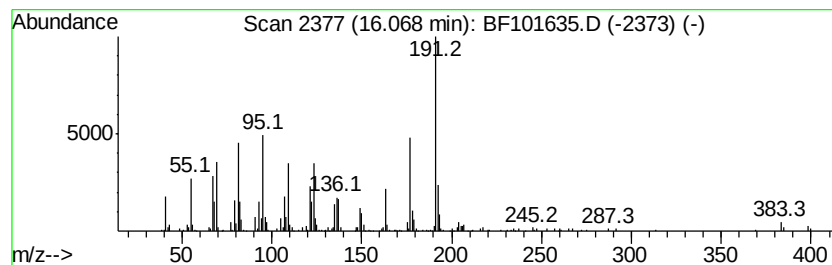
Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	15.68 ng	589409	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0 50
2		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 38
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 32
4		5-(p-Aminophenyl)-2-thiazolamine	191 C9H9N3S	090349-87-4 27
5		Silane, dimethyl(dimethyl(dodec-...	374 C19H42O3Si2	1000348-07-2 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101635.D
Acq On : 22 Dec 2017 5:21
Operator : SJ/JU
Sample : I7008-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-B

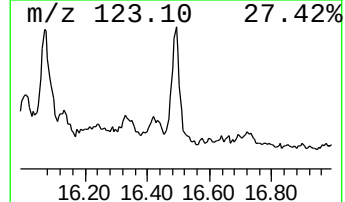
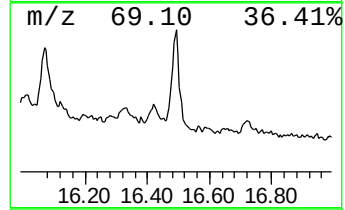
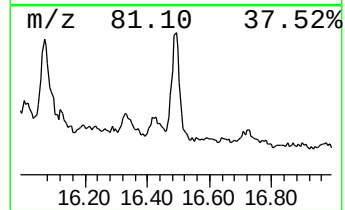
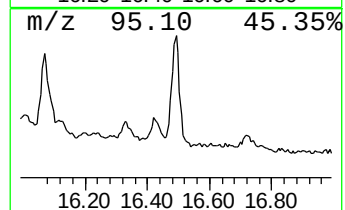
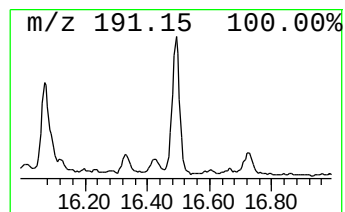
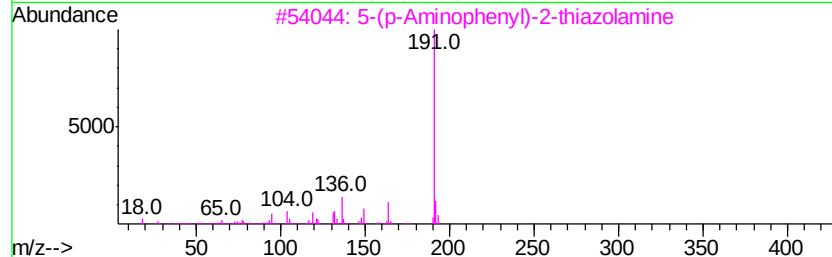
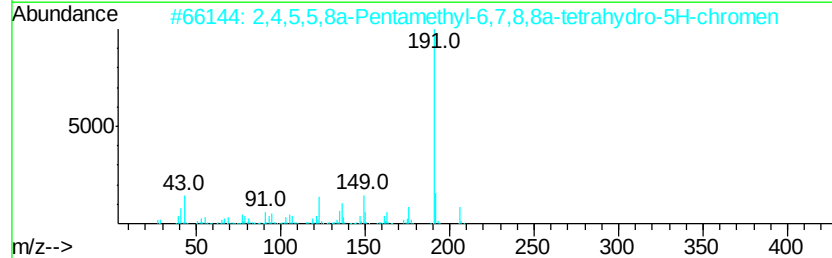
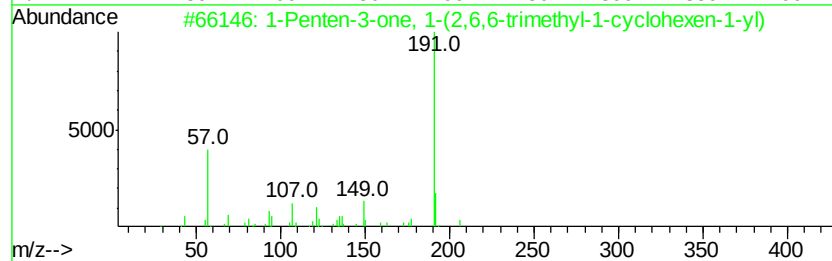
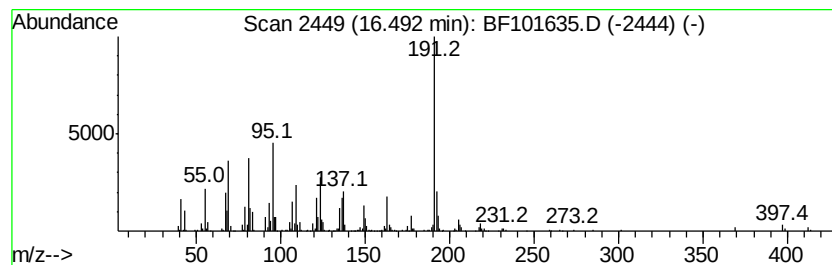
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	21.07 ng	791984	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
4		3-Fluoro-5-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-66-1	27
5		3-Fluoro-5-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-66-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101635.D
 Acq On : 22 Dec 2017 5:21
 Operator : SJ/JU
 Sample : I7008-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown6.57	6.57	50.0	ng	2052600	1	6.79	820370	20.0
Benzene, (1-methy...	11.69	8.5	ng	419513	4	11.32	990316	20.0
unknown14.11	14.11	9.8	ng	523882	5	13.97	1075000	20.0
unknown14.16	14.16	9.0	ng	485982	5	13.97	1075000	20.0
unknown14.24	14.24	7.5	ng	403422	5	13.97	1075000	20.0
unknown14.29	14.29	7.1	ng	383061	5	13.97	1075000	20.0
unknown14.34	14.34	10.3	ng	554255	5	13.97	1075000	20.0
unknown14.41	14.41	10.1	ng	540226	5	13.97	1075000	20.0
unknown14.46	14.46	14.6	ng	786431	5	13.97	1075000	20.0
unknown14.53	14.53	9.9	ng	534574	5	13.97	1075000	20.0
unknown14.57	14.57	9.0	ng	482272	5	13.97	1075000	20.0
unknown14.63	14.63	12.0	ng	646399	5	13.97	1075000	20.0
3,4-Dimethylcumene	14.70	8.1	ng	304464	6	15.44	751590	20.0
unknown14.76	14.76	13.6	ng	510942	6	15.44	751590	20.0
unknown14.83	14.83	8.6	ng	323027	6	15.44	751590	20.0
unknown14.95	14.95	11.2	ng	421086	6	15.44	751590	20.0
unknown15.53	15.53	7.0	ng	263536	6	15.44	751590	20.0
28-Nor-17.beta.(H...	16.07	15.7	ng	589409	6	15.44	751590	20.0
unknown16.49	16.49	21.1	ng	791984	6	15.44	751590	20.0