

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094325.D
 Acq On : 10 Apr 2017 21:39
 Operator : SJ/MA
 Sample : I2595-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1

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-BF032217.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	2.651	125	130	139	rVB	1489675	1722165	32.28%	3.231%
2	3.975	351	355	371	rVB	630544	736171	13.80%	1.381%
3	4.334	413	416	423	rVB	148492	155358	2.91%	0.291%
4	4.398	423	427	434	rBV	3303616	3293824	61.73%	6.180%
5	4.593	453	460	468	rVB2	171406	204074	3.82%	0.383%
6	4.757	485	488	495	rVB2	57837	68625	1.29%	0.129%
7	5.281	571	577	580	rVV	75212	77581	1.45%	0.146%
8	5.322	580	584	591	rVB3	58302	110587	2.07%	0.207%
9	5.392	591	596	599	rBV	112112	116585	2.18%	0.219%
10	5.481	605	611	619	rVB	2870990	3693724	69.22%	6.930%
11	5.598	626	631	634	rBV	3346880	3456974	64.79%	6.486%
12	5.645	636	639	641	rBV	145211	129165	2.42%	0.242%
13	5.669	641	643	647	rVB2	74559	71983	1.35%	0.135%
14	5.781	655	662	665	rBV5	31495	54113	1.01%	0.102%
15	5.834	665	671	675	rVV	960636	960736	18.01%	1.802%
16	5.869	675	677	681	rVB	145645	141854	2.66%	0.266%
17	5.904	681	683	688	rBV	98163	107533	2.02%	0.202%
18	6.016	694	702	705	rBV	2783682	2874583	53.87%	5.393%
19	6.163	719	727	733	rVV2	164019	284321	5.33%	0.533%
20	6.210	733	735	738	rVB2	87364	80829	1.51%	0.152%
21	6.251	738	742	745	rBV	157798	175616	3.29%	0.329%
22	6.304	745	751	753	rBV3	143255	202780	3.80%	0.380%
23	6.357	757	760	763	rBV2	99125	120413	2.26%	0.226%
24	6.486	771	782	785	rBV	1972669	2420359	45.36%	4.541%
25	6.522	785	788	790	rVV2	78993	105372	1.97%	0.198%
26	6.551	790	793	796	rVV	546897	557890	10.46%	1.047%
27	6.598	799	801	805	rVB2	123033	135146	2.53%	0.254%
28	6.657	805	811	813	rBV4	70718	117105	2.19%	0.220%
29	6.681	813	815	821	rVV3	81693	124184	2.33%	0.233%
30	6.739	821	825	828	rVV	134409	148638	2.79%	0.279%
31	6.775	828	831	837	rVB2	291450	290585	5.45%	0.545%
32	6.910	848	854	858	rBV5	100467	150693	2.82%	0.283%
33	6.998	865	869	872	rBV4	71093	87983	1.65%	0.165%
34	7.039	872	876	878	rVV2	115053	117557	2.20%	0.221%

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35	7.081	878	883	885	rVV3	148064	251522	4.71%	0.472%
36	7.098	885	886	889	rVV2	138870	106197	1.99%	0.199%
37	7.128	889	891	898	rVB4	89315	146192	2.74%	0.274%
38	7.339	922	927	929	rBV	1348628	1283387	24.05%	2.408%
39	7.357	929	930	933	rVB2	192531	140870	2.64%	0.264%
40	7.457	944	947	954	rVB2	66508	87630	1.64%	0.164%
41	7.833	1006	1011	1015	rVB2	162214	210437	3.94%	0.395%
42	7.898	1018	1022	1027	rVB3	62528	81436	1.53%	0.153%
43	8.104	1051	1057	1060	rBV	76606	90298	1.69%	0.169%
44	8.204	1070	1074	1081	rVB2	49426	71481	1.34%	0.134%
45	8.275	1082	1086	1089	rBV	125719	154694	2.90%	0.290%
46	8.663	1144	1152	1155	rVB	3530868	3592575	67.33%	6.740%
47	9.157	1229	1236	1240	rBV	697473	682883	12.80%	1.281%
48	9.222	1244	1247	1252	rVB6	38222	58909	1.10%	0.111%
49	9.475	1283	1290	1295	rVB	1205029	1354096	25.38%	2.540%
50	9.804	1338	1346	1349	rBV8	34848	70345	1.32%	0.132%
51	10.069	1388	1391	1395	rVB	105328	94460	1.77%	0.177%
52	10.304	1426	1431	1434	rBV	309281	325627	6.10%	0.611%
53	10.345	1434	1438	1441	rVB2	48542	58683	1.10%	0.110%
54	10.457	1451	1457	1460	rBV	1802457	1932988	36.23%	3.627%
55	10.545	1467	1472	1476	rBV	396465	388136	7.27%	0.728%
56	10.604	1479	1482	1487	rVB2	56566	72223	1.35%	0.135%
57	10.651	1487	1490	1492	rBV	123806	131249	2.46%	0.246%
58	10.833	1518	1521	1524	rVB	62163	58061	1.09%	0.109%
59	11.210	1581	1585	1588	rBV2	104494	107034	2.01%	0.201%
60	11.245	1588	1591	1594	rVV2	54115	61375	1.15%	0.115%
61	11.298	1594	1600	1603	rVV	1079597	1157921	21.70%	2.172%
62	11.327	1603	1605	1608	rVB	135793	119355	2.24%	0.224%
63	11.669	1659	1663	1668	rVV2	68932	106852	2.00%	0.200%
64	11.739	1672	1675	1679	rVB	106361	109637	2.05%	0.206%
65	11.851	1691	1694	1699	rVB2	71454	86462	1.62%	0.162%
66	12.039	1720	1726	1731	rBV2	628990	814952	15.27%	1.529%
67	12.086	1731	1734	1739	rVB2	129064	143697	2.69%	0.270%
68	12.239	1758	1760	1764	rVB	63738	58282	1.09%	0.109%
69	12.286	1765	1768	1771	rBV4	56211	59512	1.12%	0.112%
70	12.604	1818	1822	1826	rVB4	37931	60040	1.13%	0.113%
71	12.716	1835	1841	1847	rVV4	146811	331402	6.21%	0.622%

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72	12.763	1847	1849	1851	rVV	79174	87965	1.65%	0.165%
73	12.792	1851	1854	1859	rVB	215862	238901	4.48%	0.448%
74	12.939	1876	1879	1883	rVB2	164569	175892	3.30%	0.330%
75	13.004	1885	1890	1894	rBV3	163668	235784	4.42%	0.442%
76	13.063	1897	1900	1905	rVB	134551	152917	2.87%	0.287%
77	13.280	1932	1937	1942	rVV2	2155809	2524961	47.32%	4.737%
78	13.433	1960	1963	1966	rBV5	67140	101549	1.90%	0.191%
79	13.504	1973	1975	1980	rVB3	99922	101420	1.90%	0.190%
80	13.551	1980	1983	1987	rVB2	126701	128221	2.40%	0.241%
81	13.745	2013	2016	2019	rBV4	106880	102699	1.92%	0.193%
82	13.904	2036	2043	2046	rBV	4188023	5335875	100.00%	10.011%
83	14.410	2126	2129	2131	rBV2	140102	162159	3.04%	0.304%
84	14.551	2149	2153	2157	rBV	734148	882069	16.53%	1.655%
85	14.604	2160	2162	2170	rVB	352667	465989	8.73%	0.874%
86	14.727	2179	2183	2187	rBV	1468125	1607667	30.13%	3.016%
87	15.092	2241	2245	2249	rVB	493467	564754	10.58%	1.060%
88	15.209	2261	2265	2274	rVB3	815424	1159889	21.74%	2.176%
89	15.333	2282	2286	2289	rBV2	499489	723761	13.56%	1.358%
90	16.186	2427	2431	2437	rVB	625431	792977	14.86%	1.488%

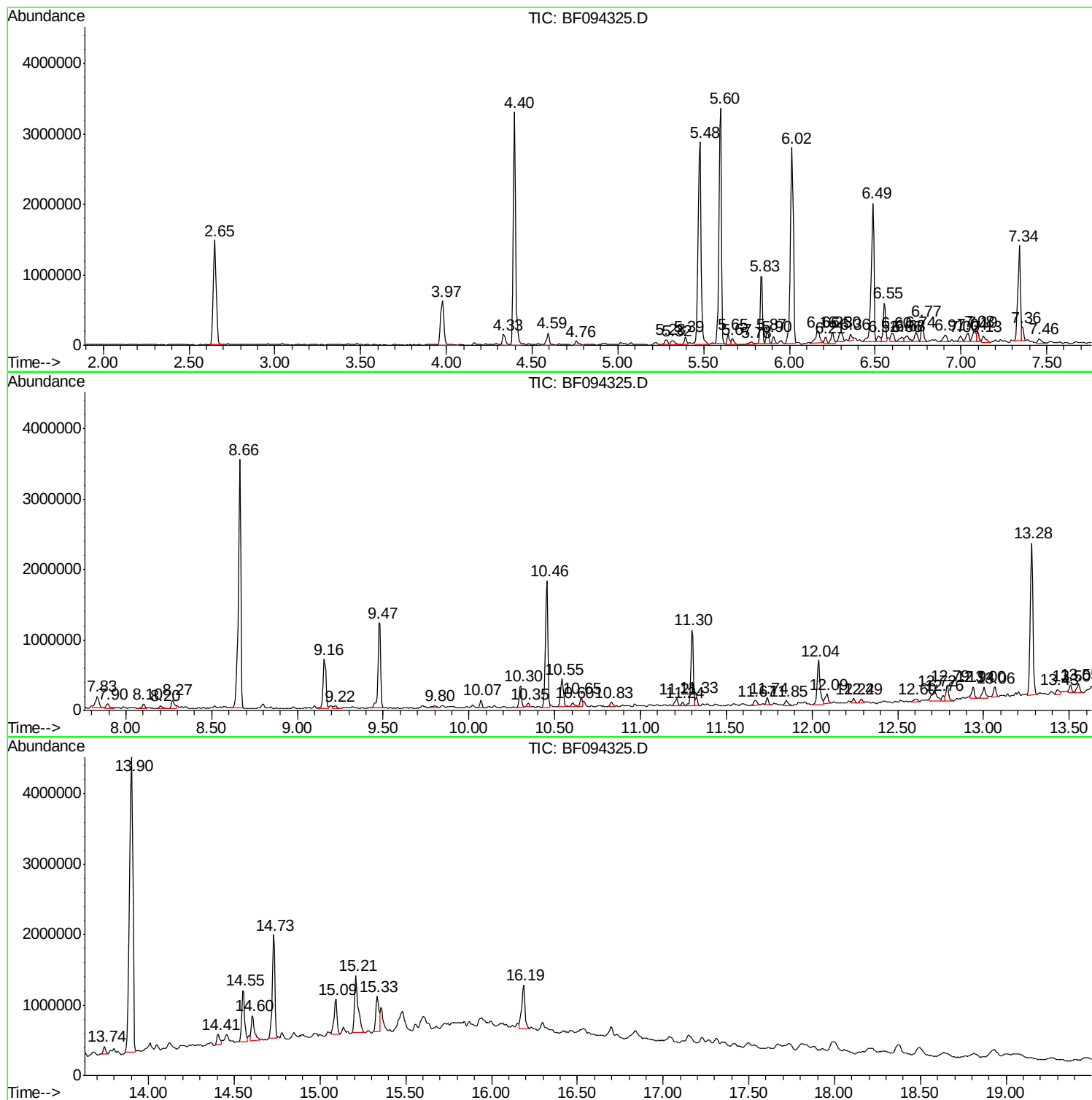
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BNA_F
ClientSampled :
GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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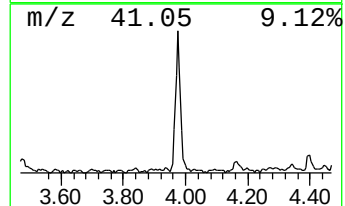
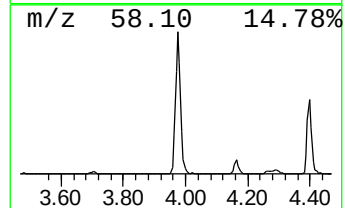
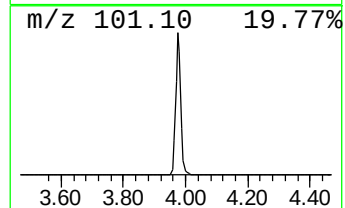
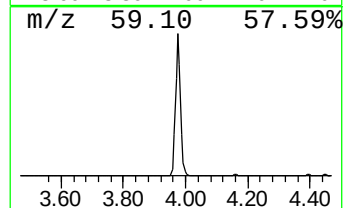
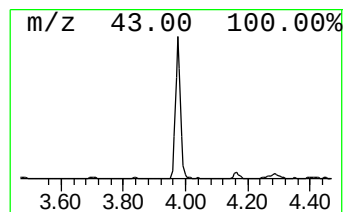
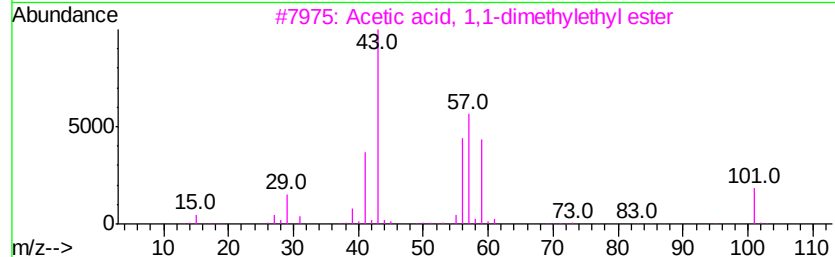
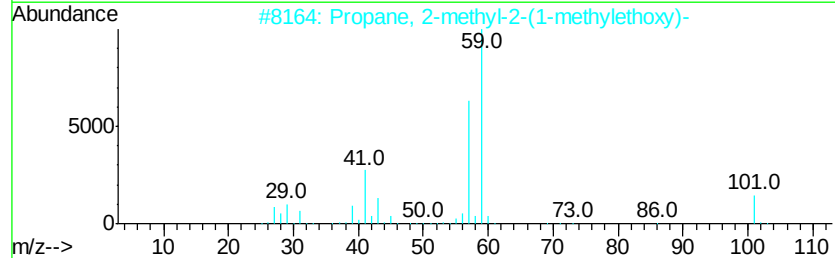
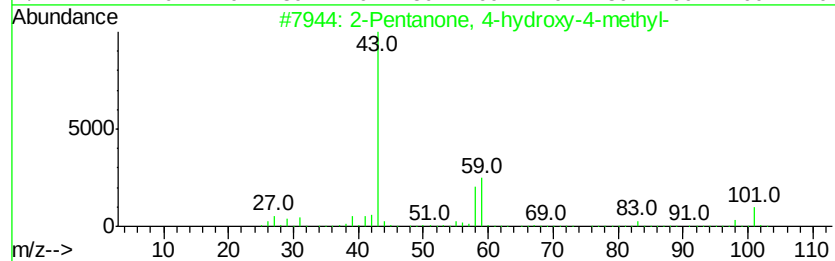
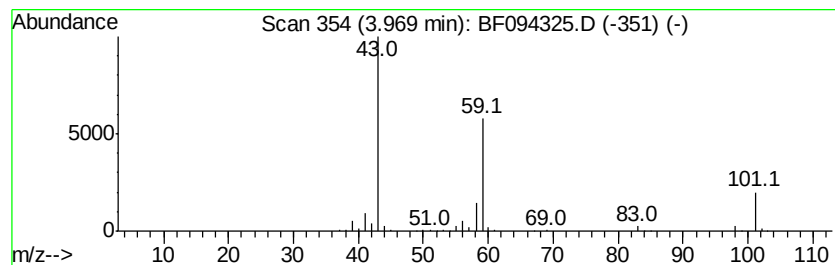
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	15.33 ng	736171	1,4-Dichlorobenzene-d4	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		3-Hexanol	102	C6H14O	000623-37-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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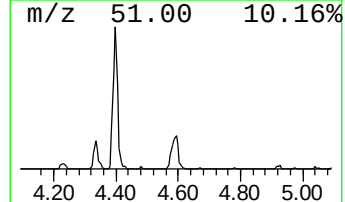
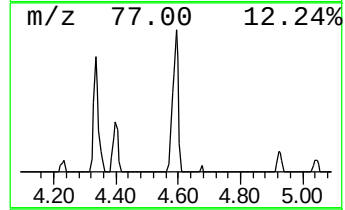
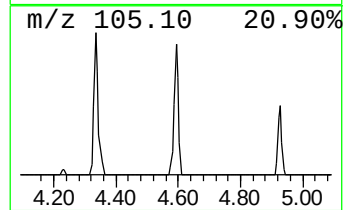
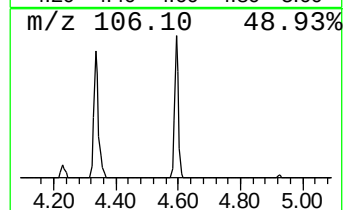
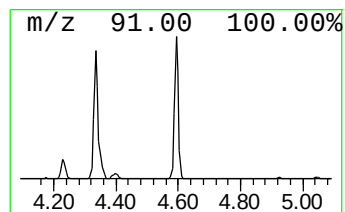
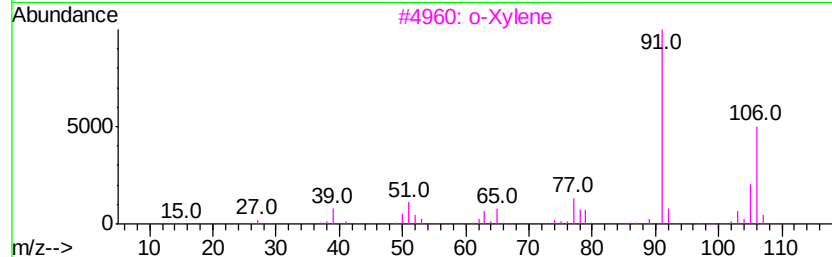
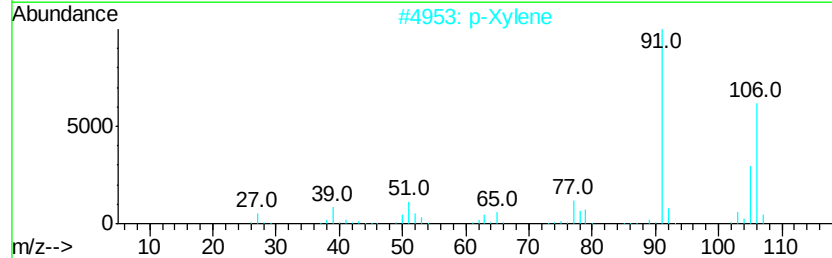
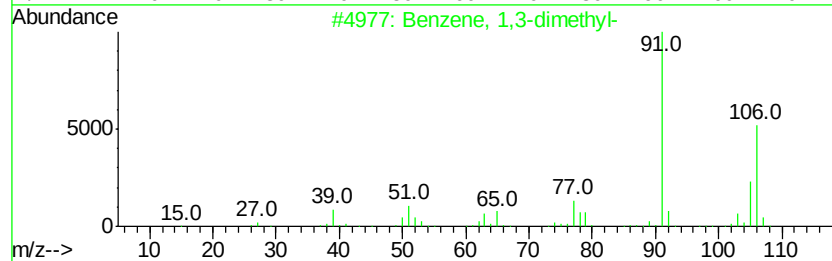
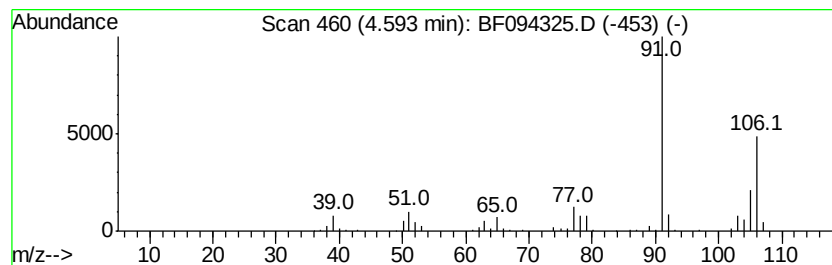
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	4.25 ng	204074	1,4-Dichlorobenzene-d4	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2		p-Xylene	106	C8H10	000106-42-3	95
3		o-Xylene	106	C8H10	000095-47-6	95
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5		Ethylbenzene	106	C8H10	000100-41-4	83



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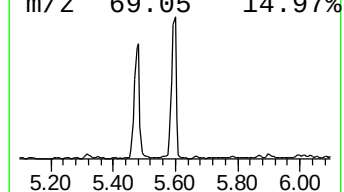
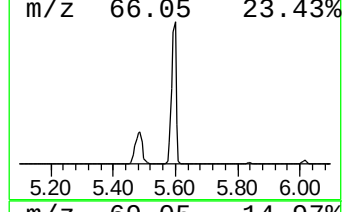
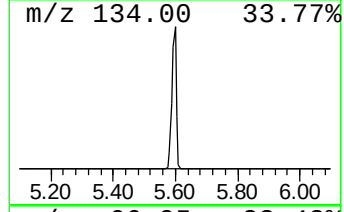
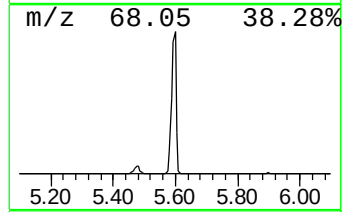
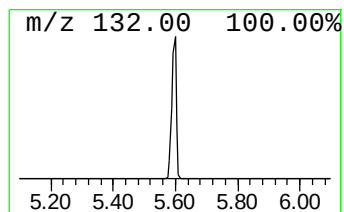
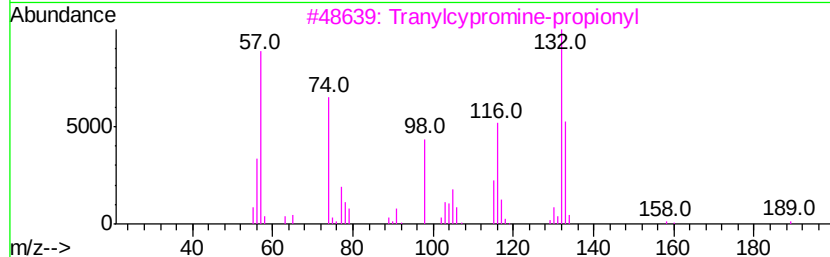
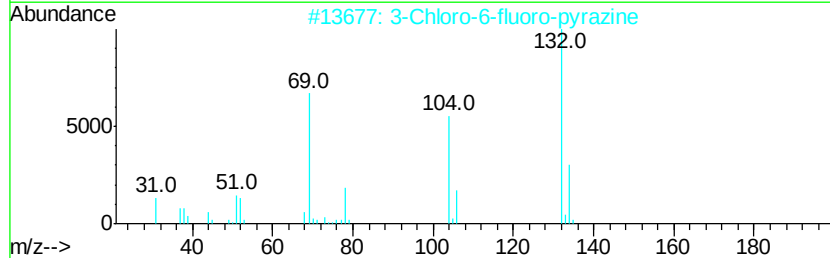
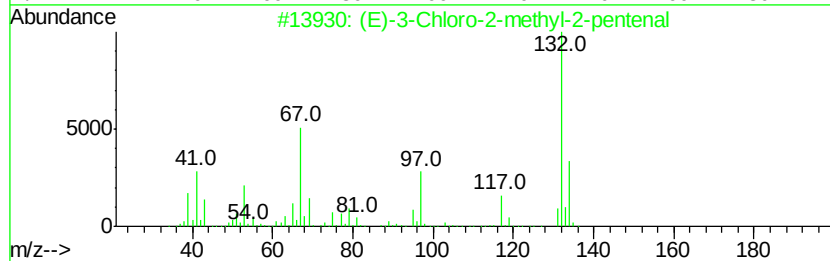
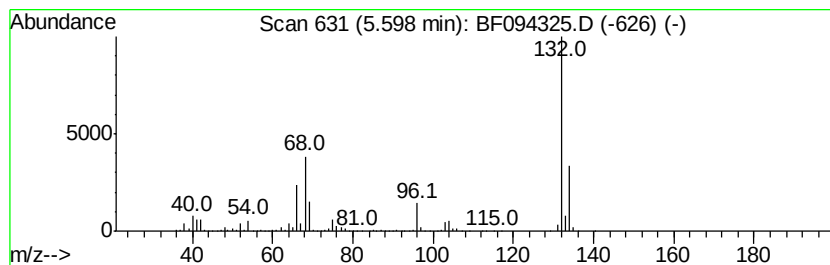
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown5.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	71.97 ng	3456970	1,4-Dichlorobenzene-d4	5.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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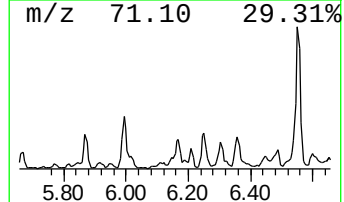
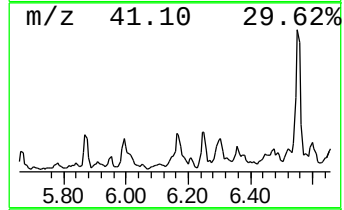
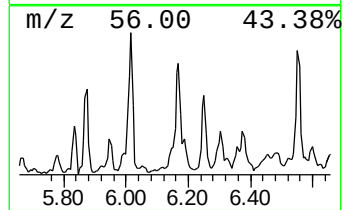
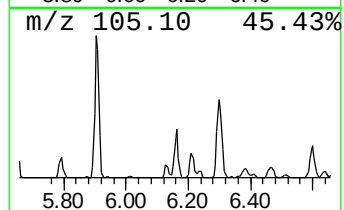
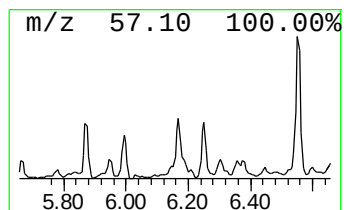
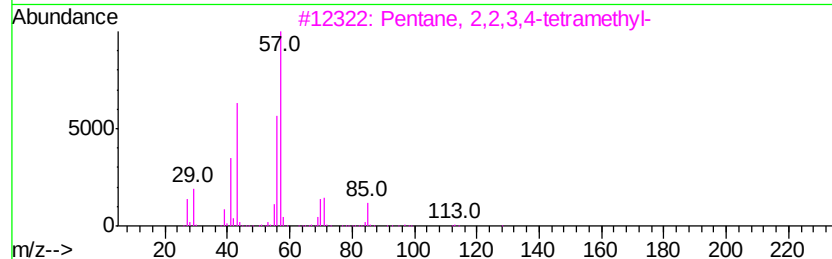
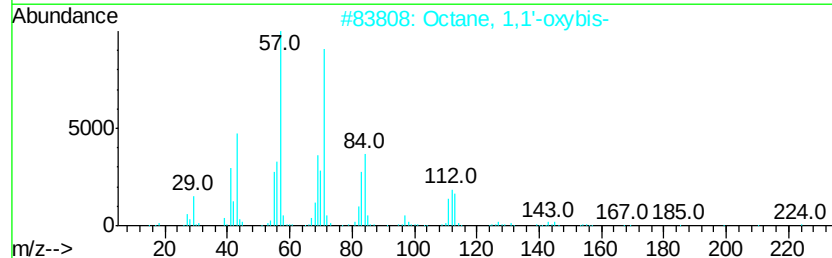
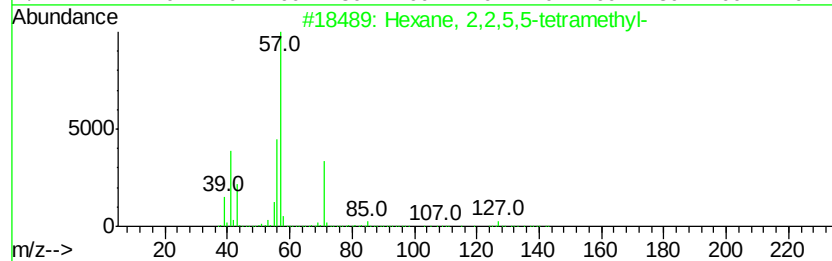
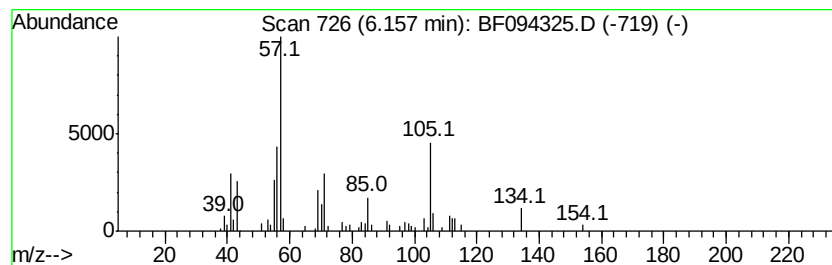
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	5.92 ng	284321	1,4-Dichlorobenzene-d4	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
4		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	43
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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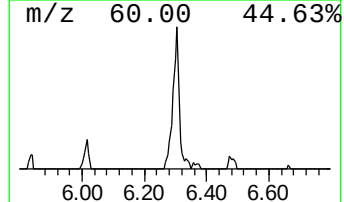
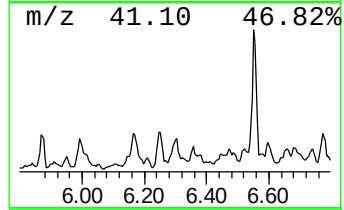
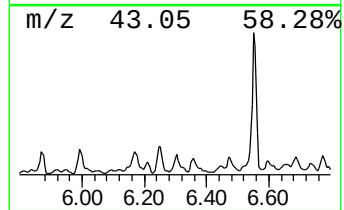
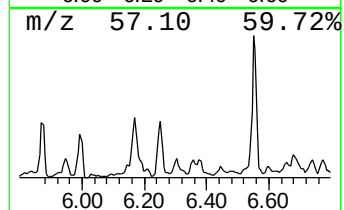
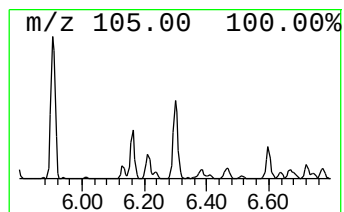
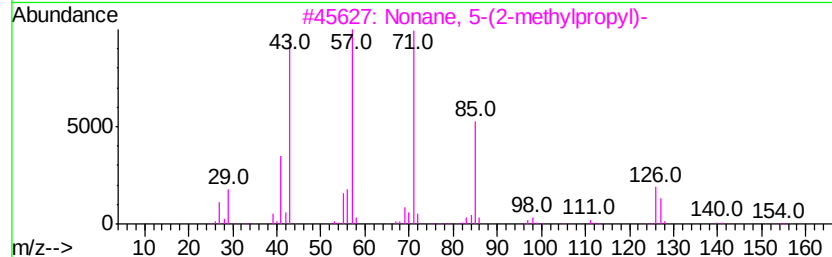
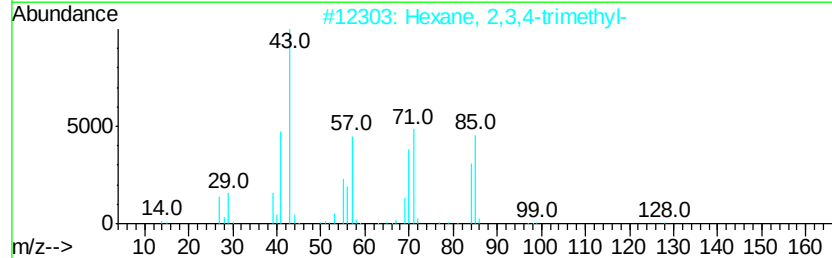
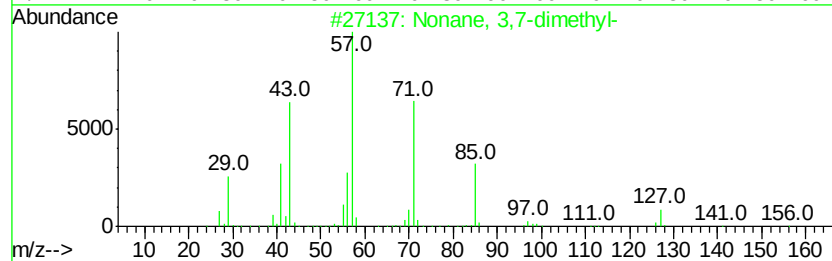
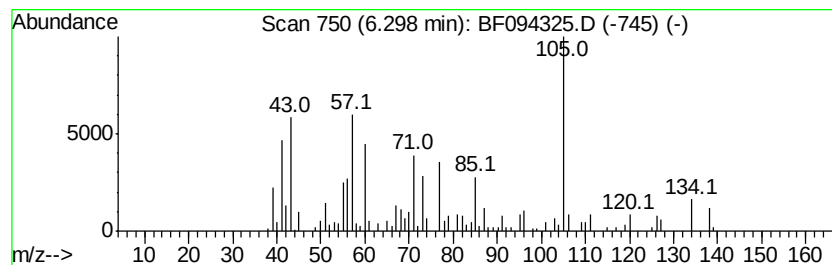
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.22 ng	202780	1,4-Dichlorobenzene-d4	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	38
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
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Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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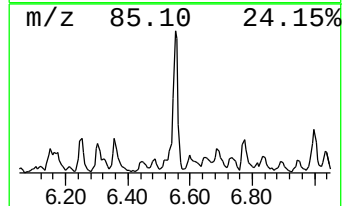
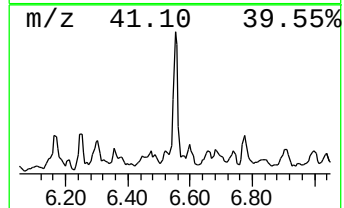
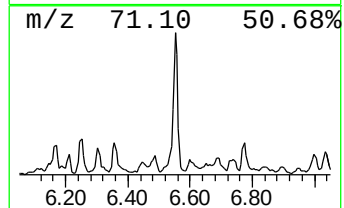
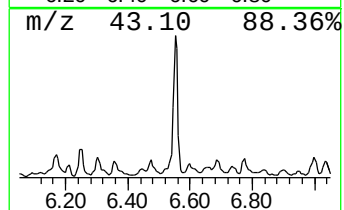
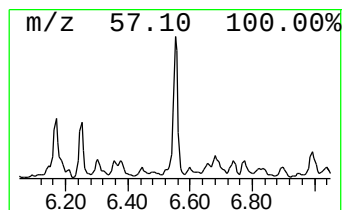
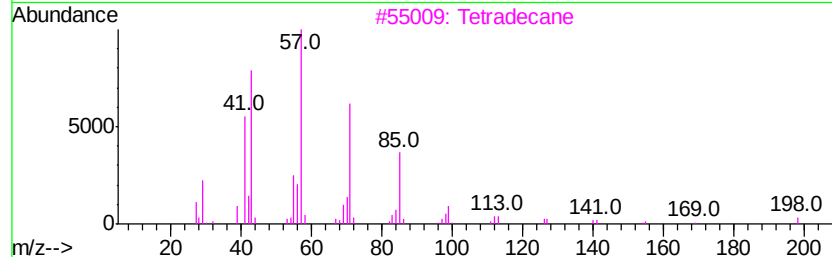
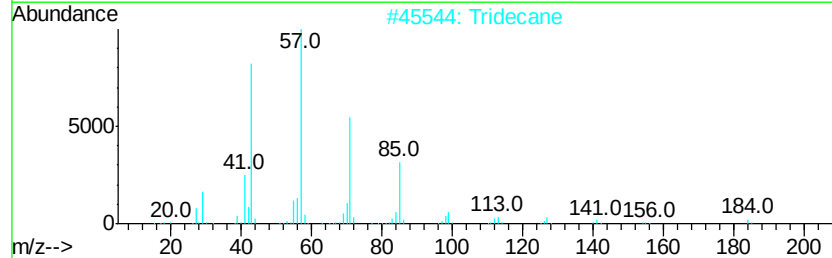
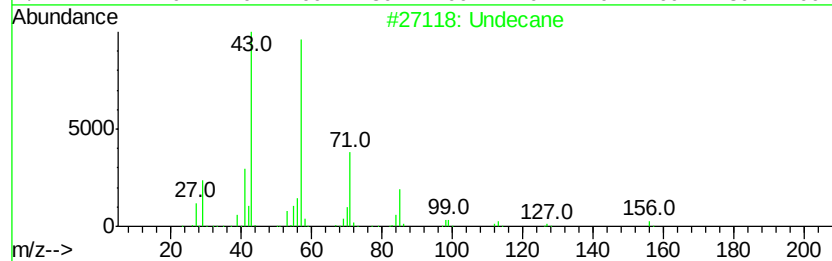
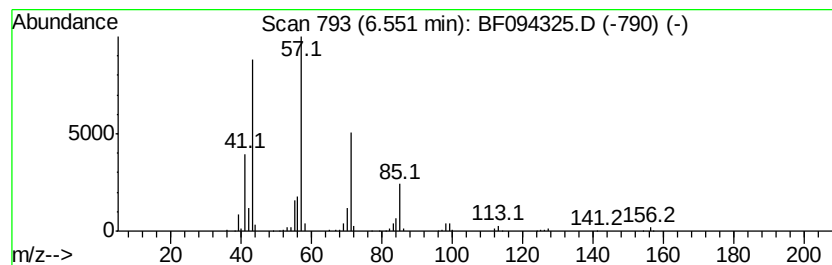
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	11.61 ng	557890	1,4-Dichlorobenzene-d4	5.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
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Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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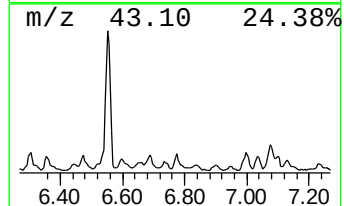
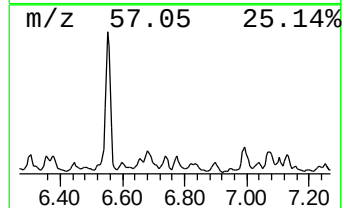
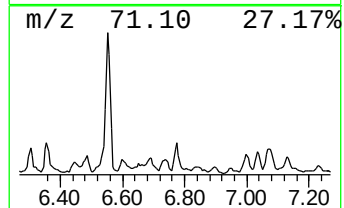
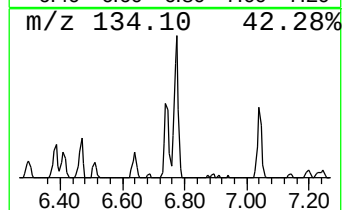
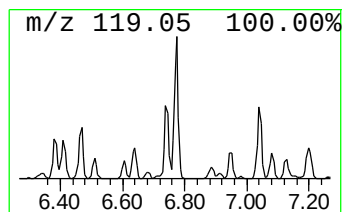
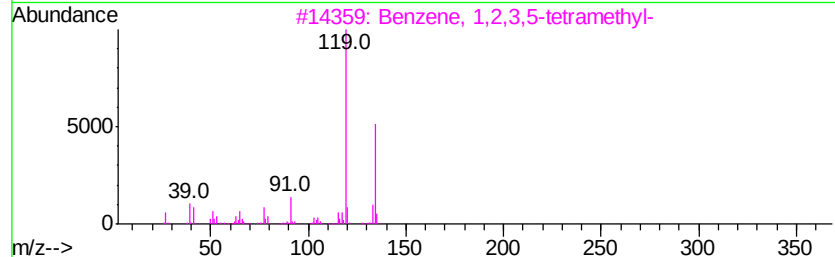
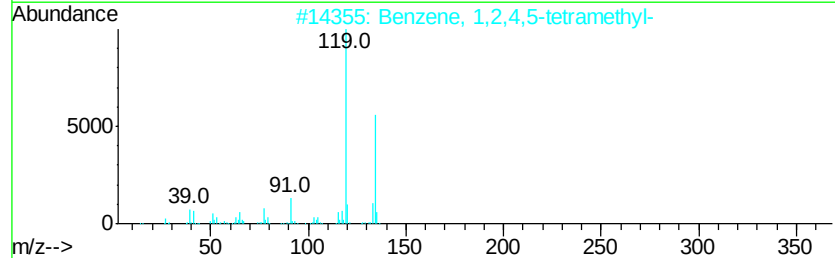
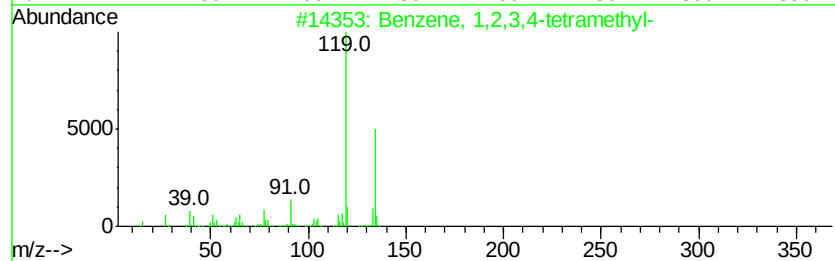
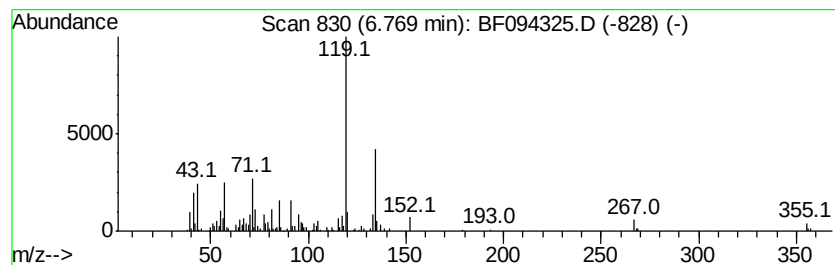
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	4.53 ng	290585	Napthalene-d8	7.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
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Misc :
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Instrument :
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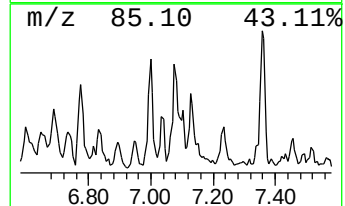
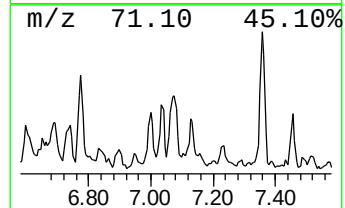
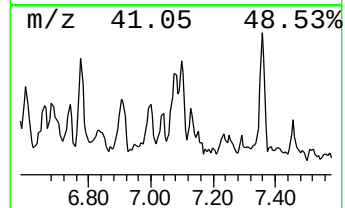
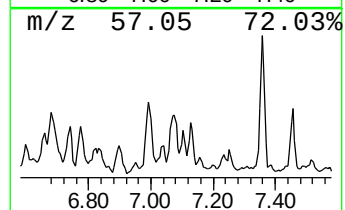
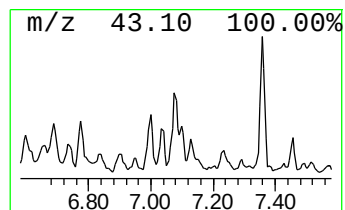
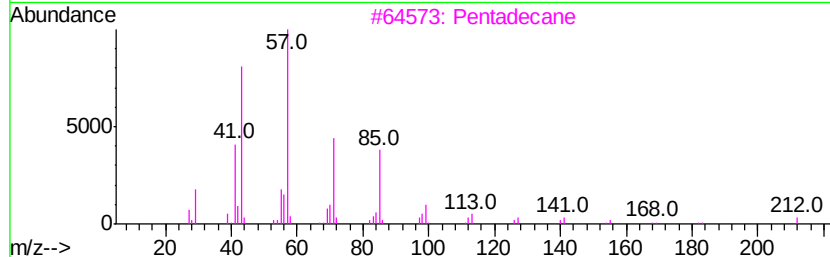
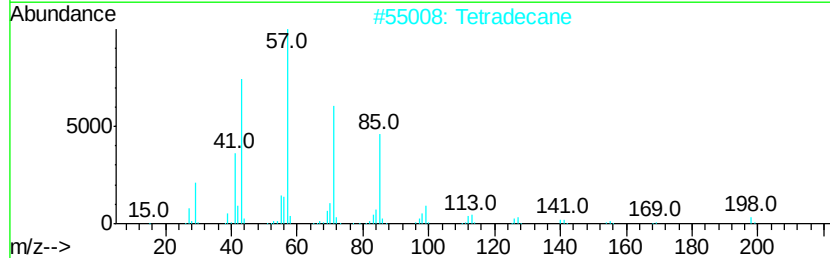
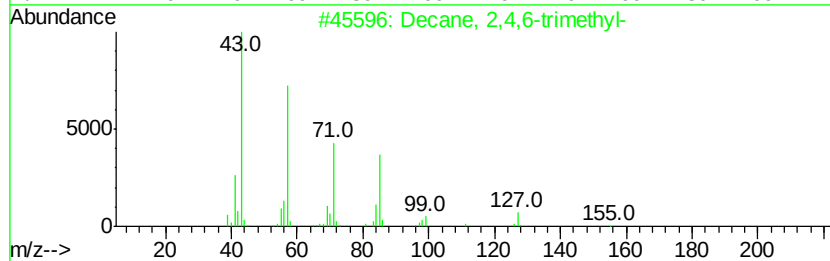
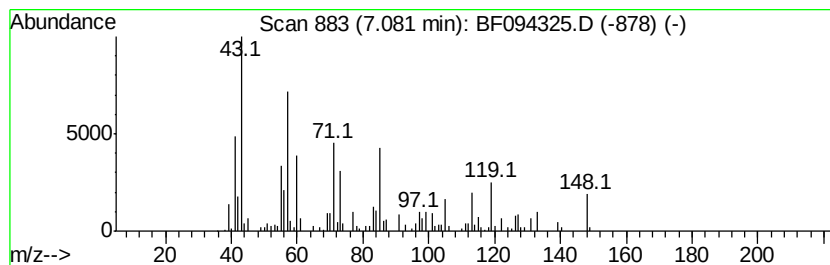
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown7.08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	3.92 ng	251522	Naphthalene-d8	7.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	30
2			Tetradecane	198	C14H30	000629-59-4	27
3			Pentadecane	212	C15H32	000629-62-9	27
4			Hexadecane	226	C16H34	000544-76-3	27
5			Octadecane	254	C18H38	000593-45-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
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Sample : I2595-01
Misc :
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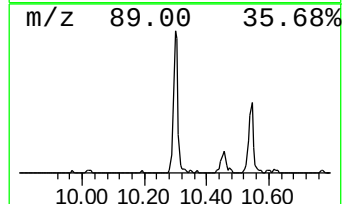
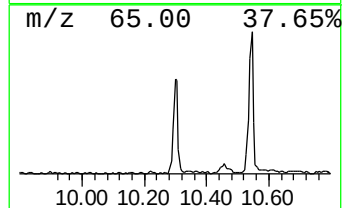
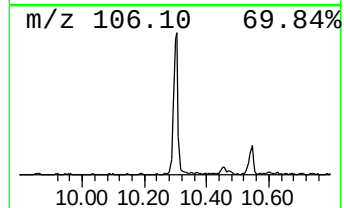
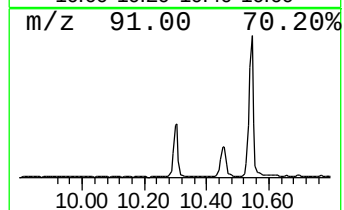
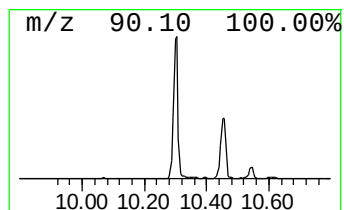
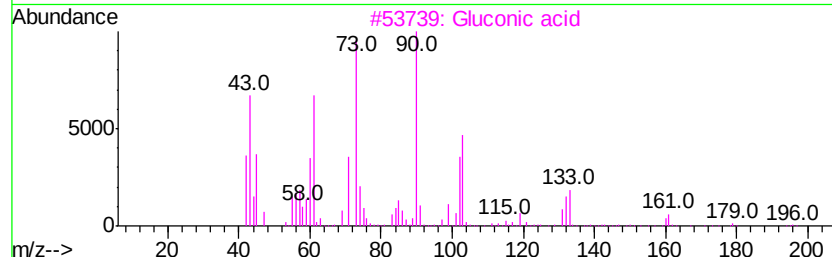
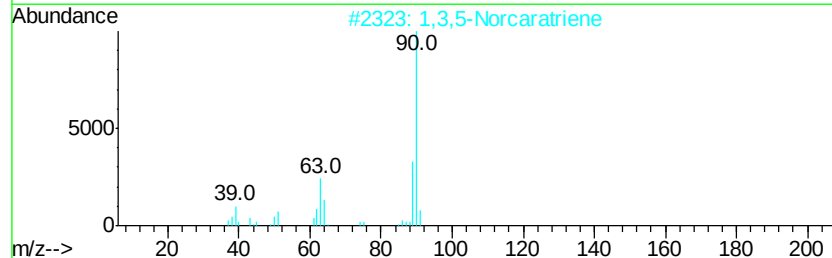
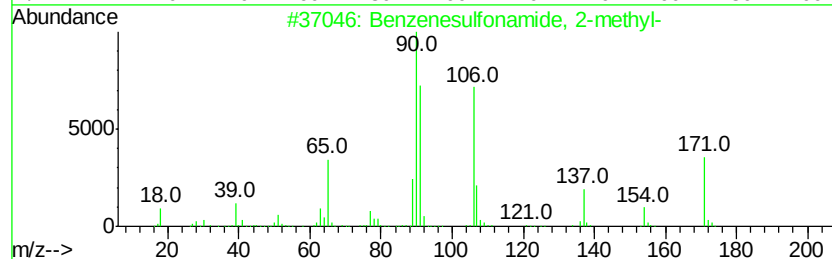
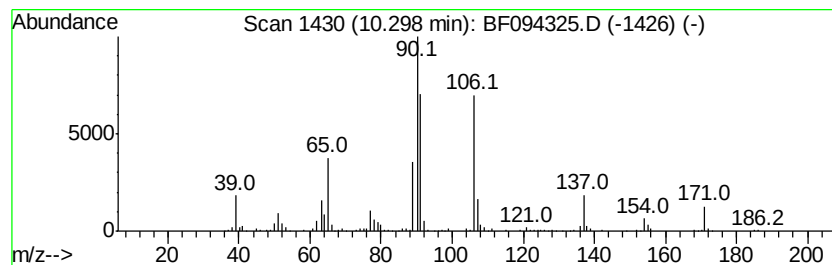
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzenesulfonamide, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.30	4.81 ng	325627	Acenaphthene-d10		9.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	94
2	1,3,5-Norcaratriene	90	C7H6	004646-69-9	59
3	Gluconic acid	196	C6H12O7	000526-95-4	53
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	42
5	Benzyl cyanoformate	161	C9H7NO2	005532-86-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
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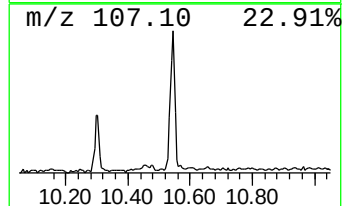
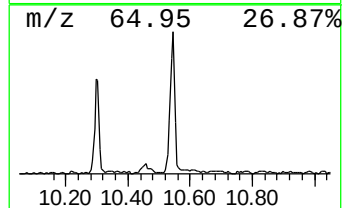
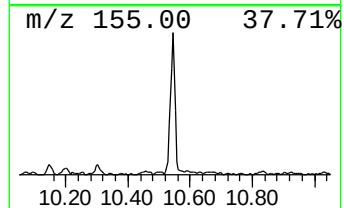
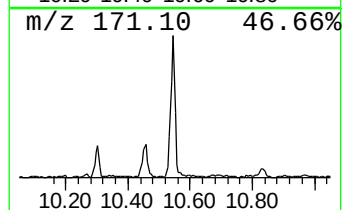
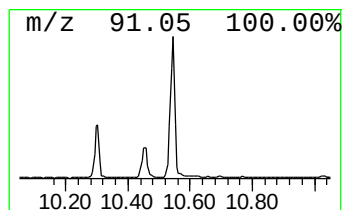
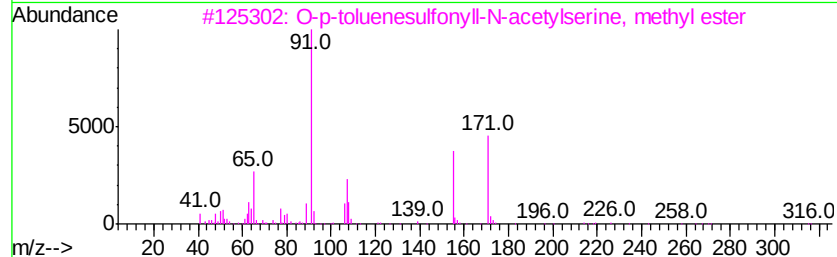
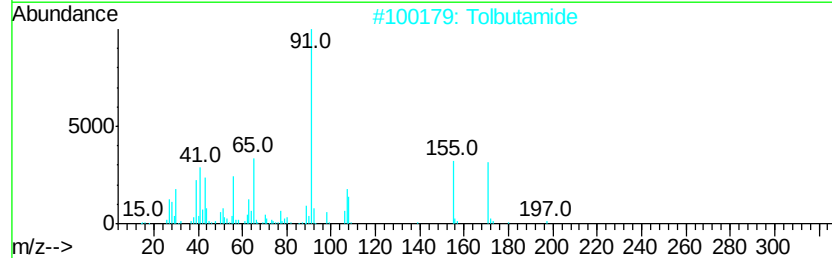
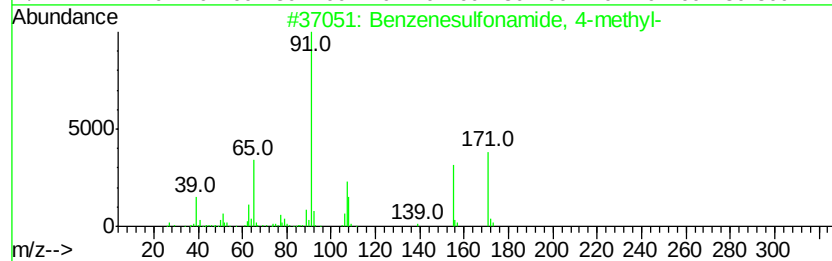
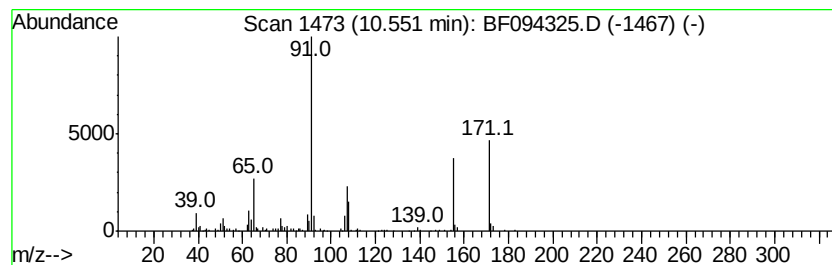
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzenesulfonamide, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	6.70 ng	388136	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2			Tolbutamide	270	C12H18N2O3S	000064-77-7	91
3			O-p-toluenesulfonyl-N-acetylser...	315	C13H17NO6S	1000126-44-8	87
4			Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	52
5			N-p-toluenesulfonyl-L-threonine,...	363	C18H21NO5S	1000130-34-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-1

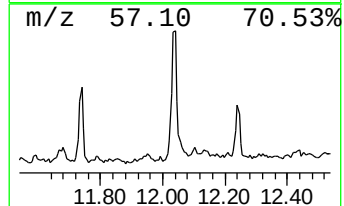
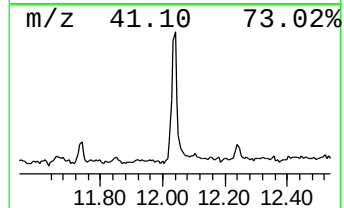
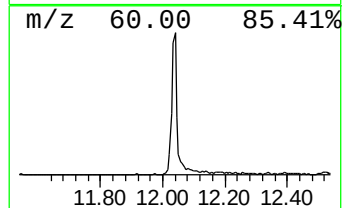
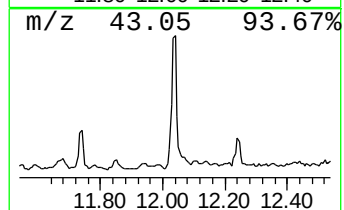
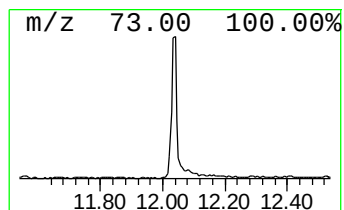
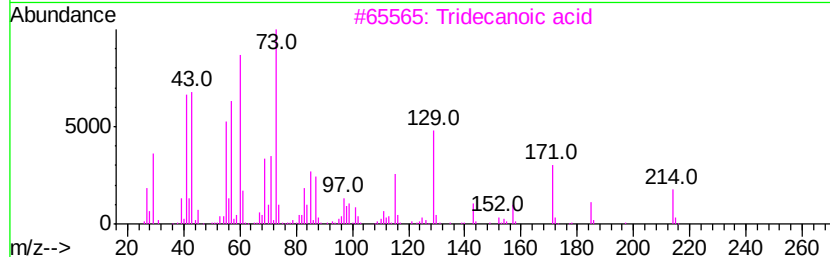
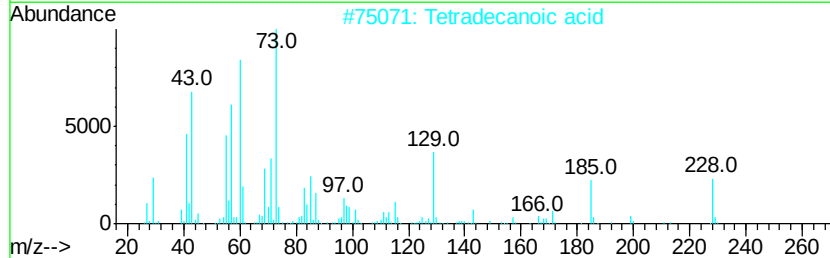
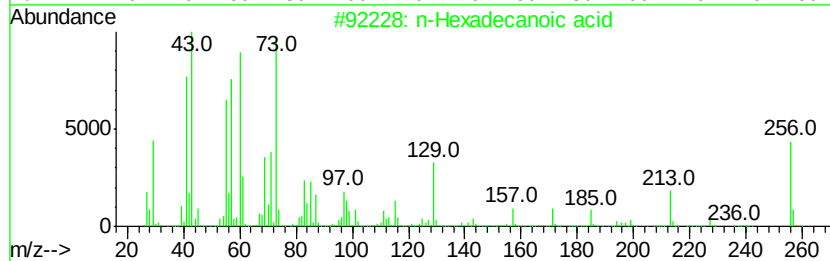
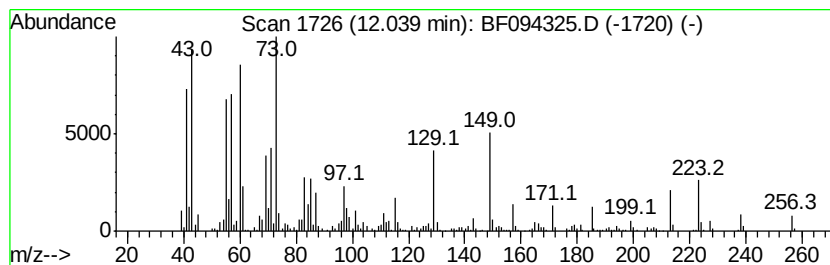
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	14.08 ng	814952	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

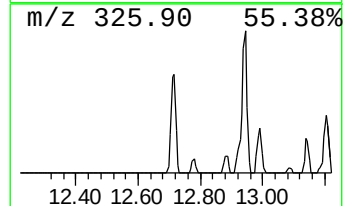
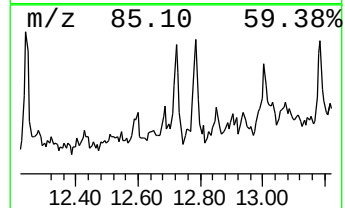
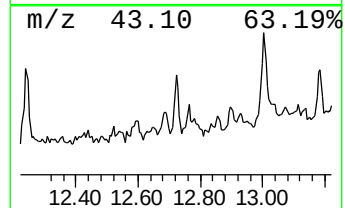
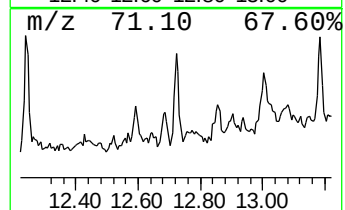
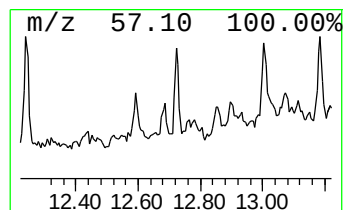
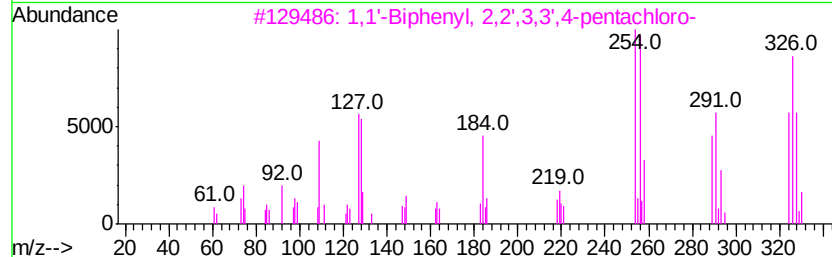
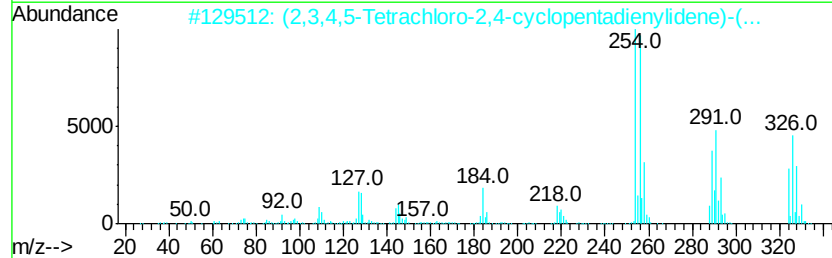
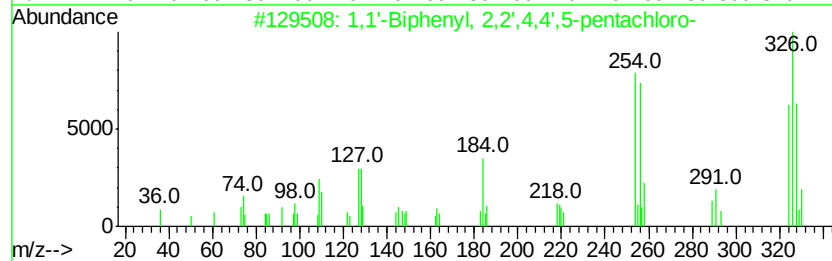
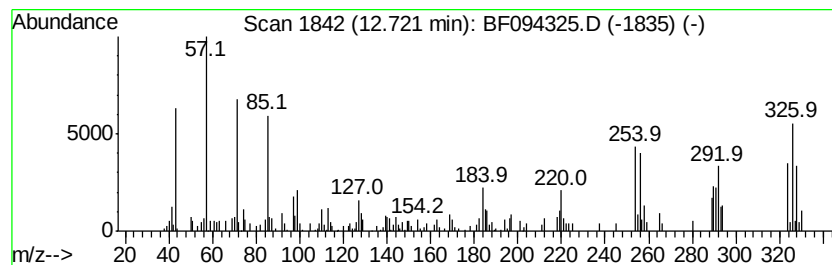
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.72	5.72 ng	331402	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
3	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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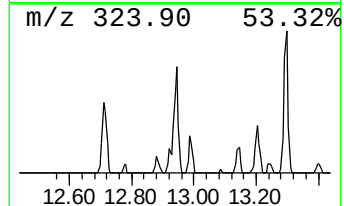
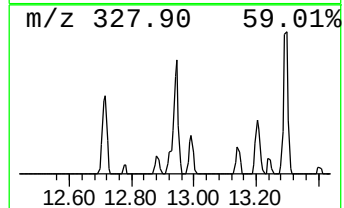
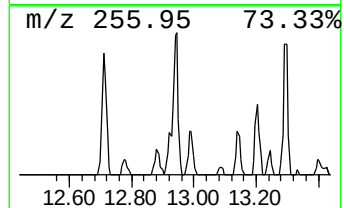
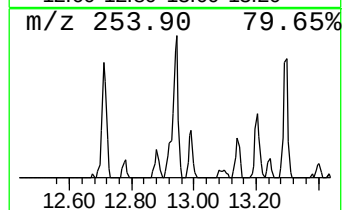
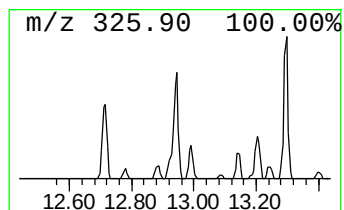
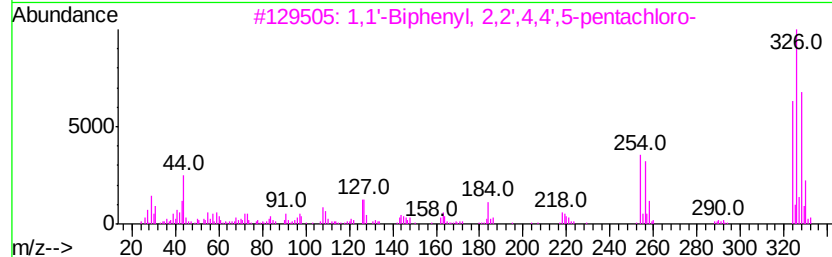
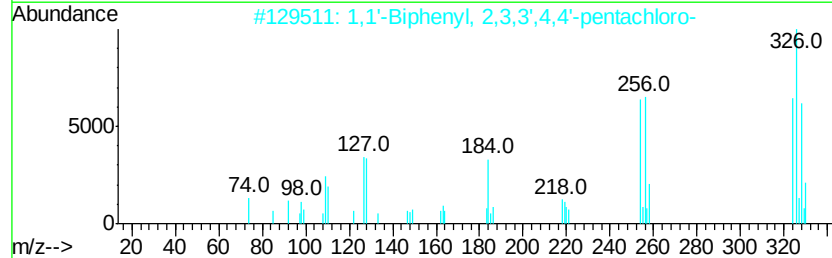
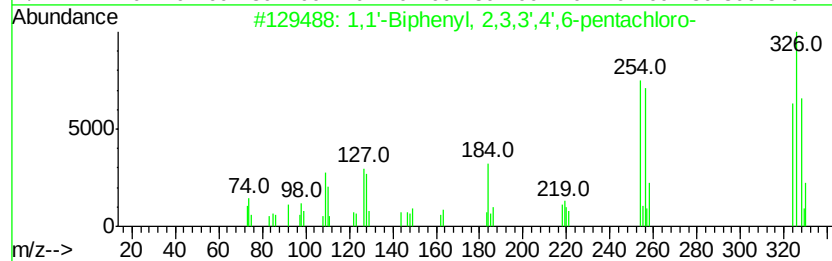
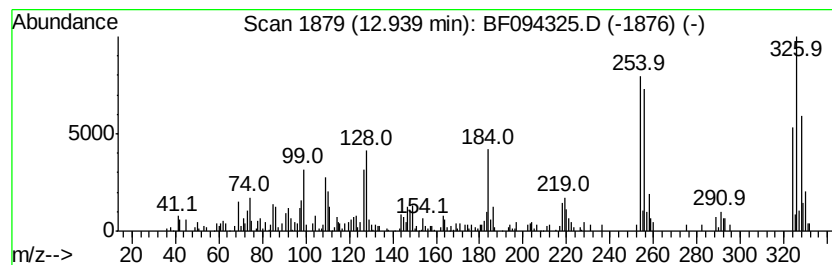
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.99 ng	175892	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
4		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5		1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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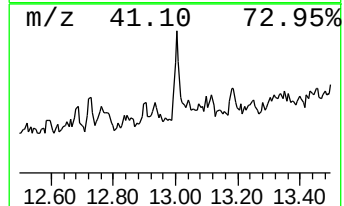
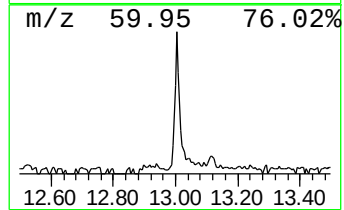
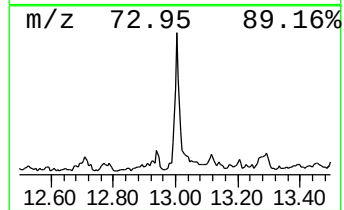
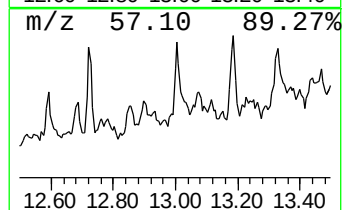
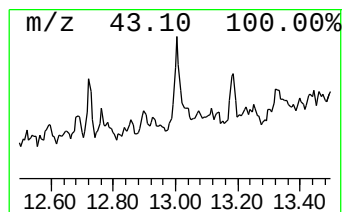
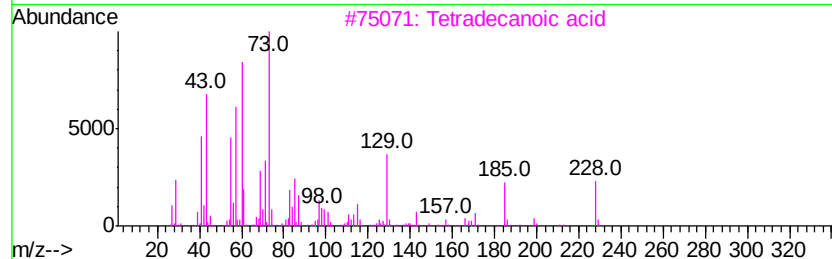
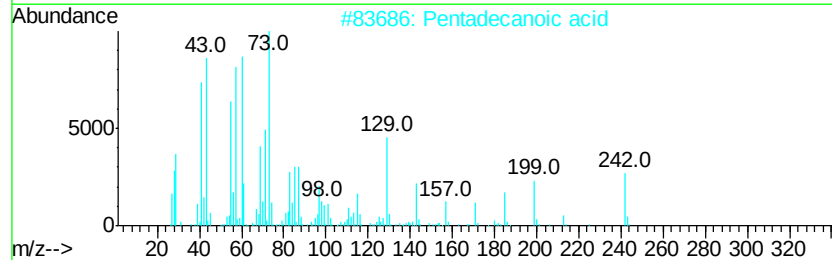
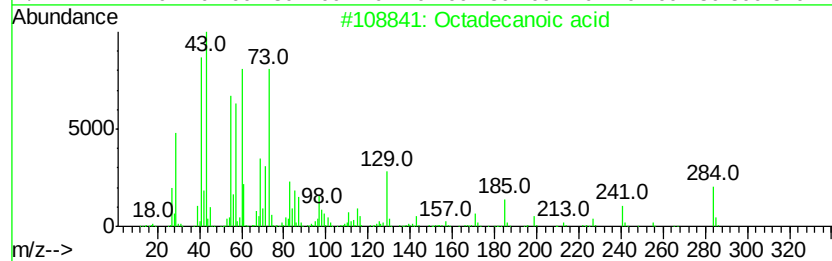
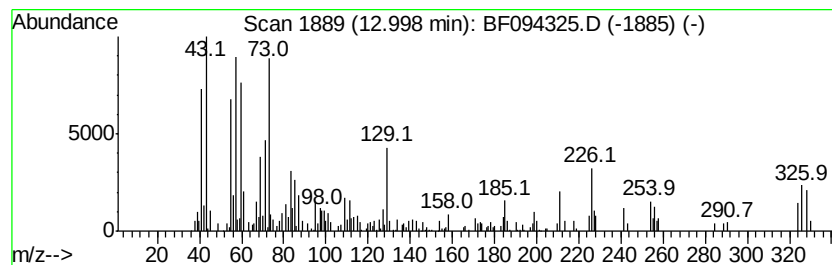
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.35 ng	235784	Chrysene-d12	14.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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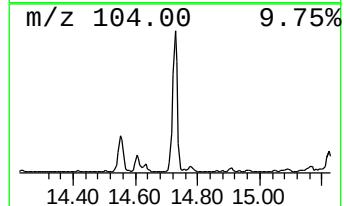
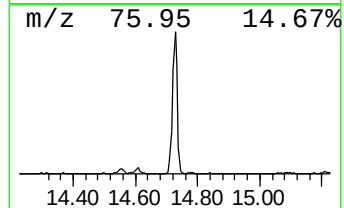
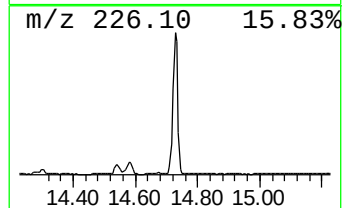
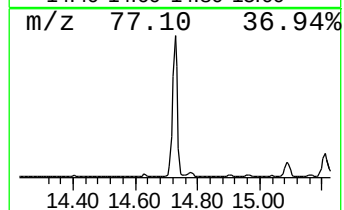
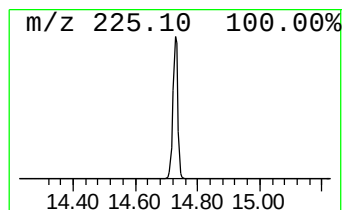
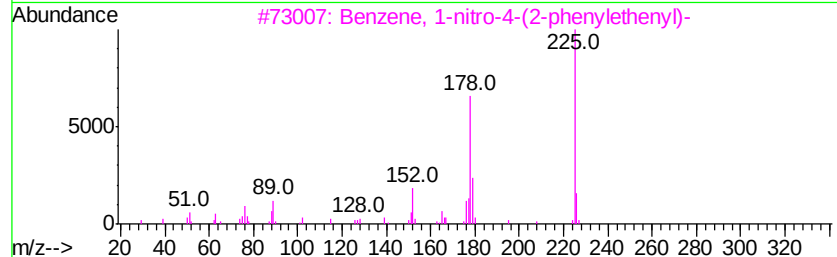
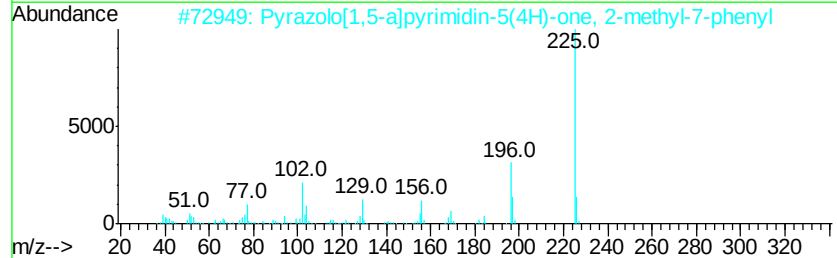
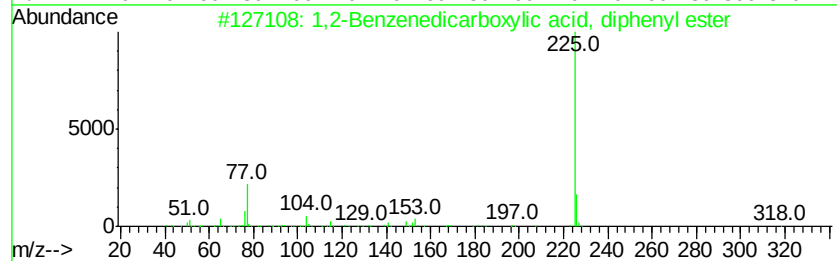
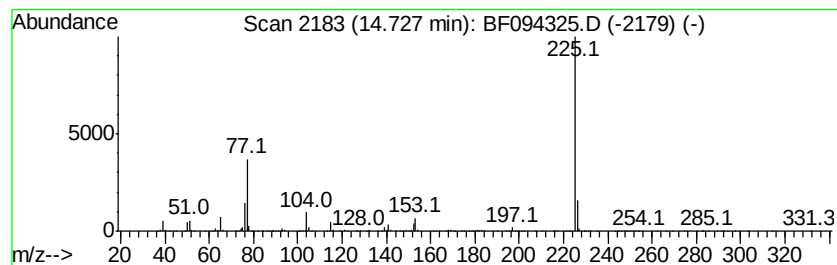
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	36.45 ng	1607670	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	318	C20H14O4	000084-62-8	91
2		Pyrazolo[1,5-a]pyrimidin-5(4H)-o...	225	C13H11N3O	309949-80-2	39
3		Benzene, 1-nitro-4-(2-phenylethe...	225	C14H11NO2	004003-94-5	36
4		Drometrizole	225	C13H11N3O	002440-22-4	33
5		S-Ethylthiocarbamate 3-fluoroben...	225	C10H12FN3S	1000188-98-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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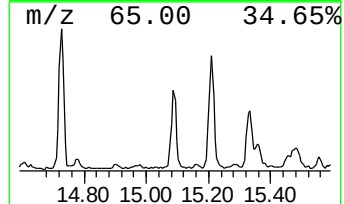
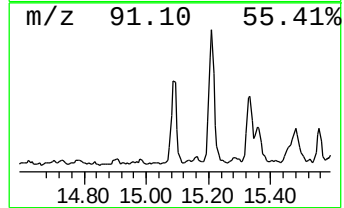
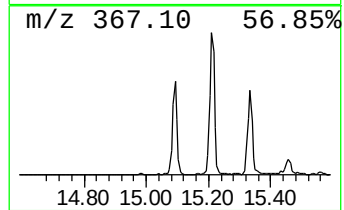
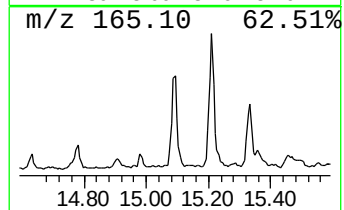
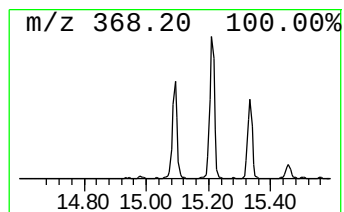
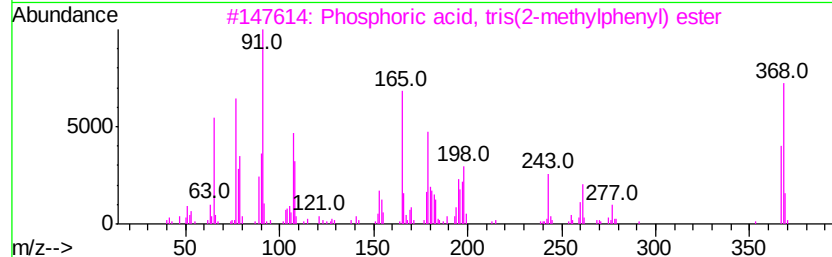
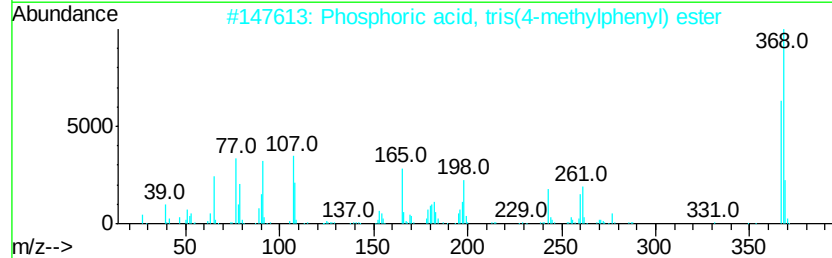
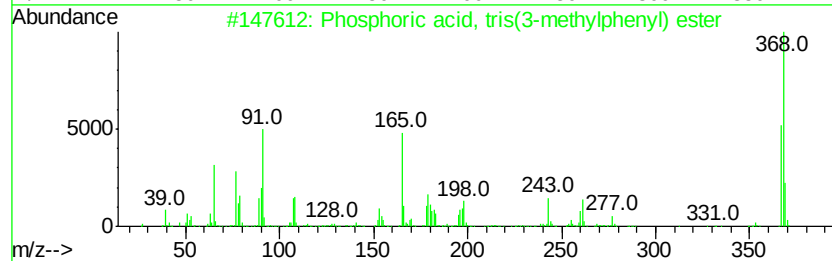
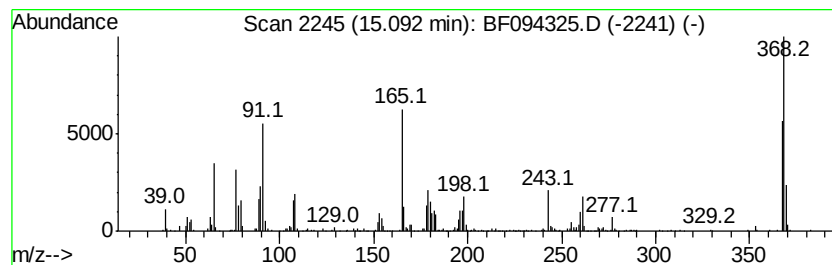
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phosphoric acid, tris(3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	12.81 ng	564754	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	90
3		Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	83
4		Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	43
5		Phenothiaphosphine, 2,8-dimethyl...	368	C20H17O3PS	023861-49-6	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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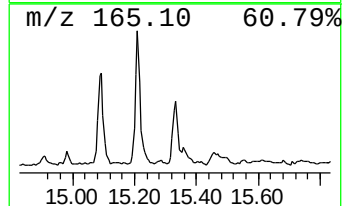
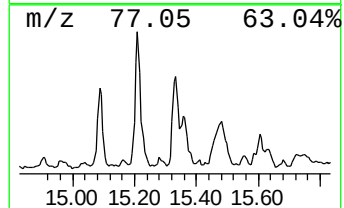
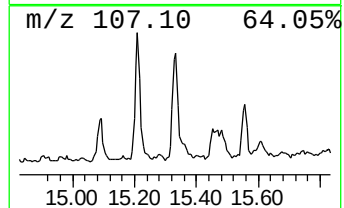
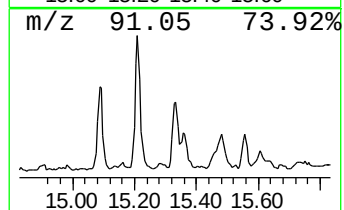
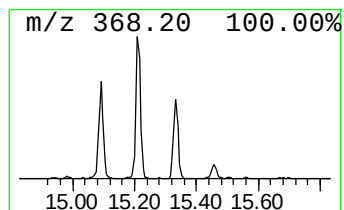
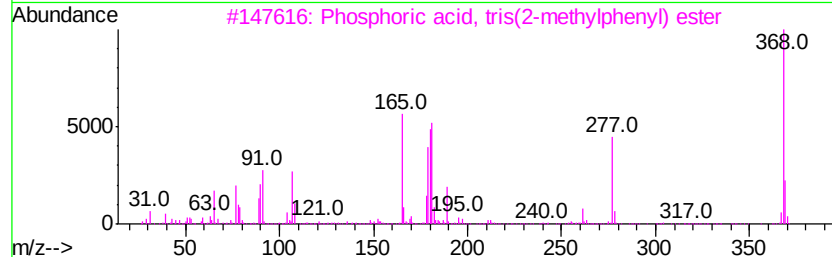
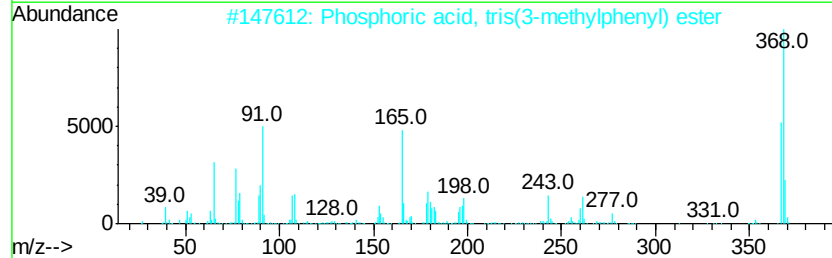
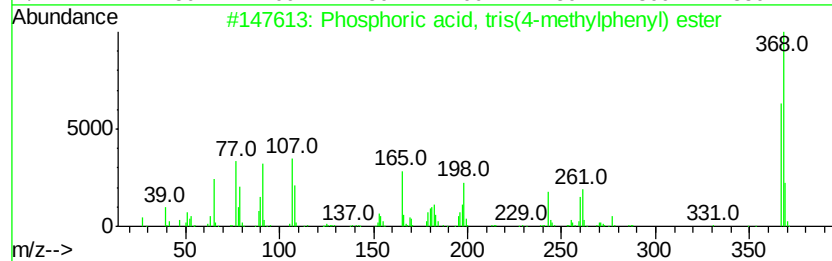
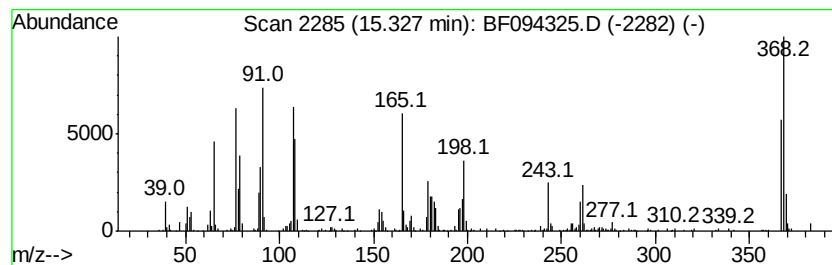
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phosphoric acid, tris(4-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	16.41 ng	723761	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	99
2		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	96
3		Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	55
4		Bufa-14,20,22-trienolide, 3-hydr...	368	C24H32O3	007439-77-2	38
5		4,4'-(4,4'-Biphenylylenedioxy)di...	368	C24H20N2O2	013080-85-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041017\
 Data File : BF094325.D
 Acq On : 10 Apr 2017 21:39
 Operator : SJ/MA
 Sample : I2595-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.97	15.3	ng	736171	1	5.84	960736	20.0
Benzene, 1,3-dime...	4.59	4.3	ng	204074	1	5.84	960736	20.0
unknown5.60	5.60	72.0	ng	3456970	1	5.84	960736	20.0
unknown6.16	6.16	5.9	ng	284321	1	5.84	960736	20.0
unknown6.30	6.30	4.2	ng	202780	1	5.84	960736	20.0
Undecane	6.55	11.6	ng	557890	1	5.84	960736	20.0
Benzene, 1,2,3,4-...	6.77	4.5	ng	290585	2	7.34	1283390	20.0
unknown7.08	7.08	3.9	ng	251522	2	7.34	1283390	20.0
Benzenesulfonamid...	10.30	4.8	ng	325627	3	9.47	1354100	20.0
Benzenesulfonamid...	10.55	6.7	ng	388136	4	11.30	1157920	20.0
n-Hexadecanoic acid	12.04	14.1	ng	814952	4	11.30	1157920	20.0
1,1'-Biphenyl, 2,...	12.72	5.7	ng	331402	4	11.30	1157920	20.0
1,1'-Biphenyl, 2,...	12.94	4.0	ng	175892	5	14.56	882069	20.0
Octadecanoic acid	13.00	5.3	ng	235784	5	14.56	882069	20.0
1,2-Benzenedicarb...	14.73	36.5	ng	1607670	5	14.56	882069	20.0
Phosphoric acid, ...	15.09	12.8	ng	564754	5	14.56	882069	20.0
Phosphoric acid, ...	15.33	16.4	ng	723761	5	14.56	882069	20.0