

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094140.D
 Acq On : 4 Apr 2017 00:07
 Operator : SJ/MA
 Sample : I2493-16 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP11-COMP

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	2.263	60	64	75	rBV	117638	148903	15.18%	1.182%
2	3.081	197	203	206	rBV	14104	18570	1.89%	0.147%
3	4.010	358	361	369	rBV	54082	63326	6.46%	0.503%
4	4.387	420	425	427	rBV2	30328	38714	3.95%	0.307%
5	4.422	427	431	437	rVB	721073	714658	72.87%	5.671%
6	4.640	462	468	473	rBV4	19549	30972	3.16%	0.246%
7	5.363	588	591	593	rBV	29563	25437	2.59%	0.202%
8	5.445	602	605	609	rBV2	23078	22043	2.25%	0.175%
9	5.492	609	613	619	rVV	838870	829899	84.62%	6.586%
10	5.540	619	621	624	rVB	21281	17844	1.82%	0.142%
11	5.634	633	637	644	rVB	854415	774230	78.95%	6.144%
12	5.692	644	647	650	rBV	55078	54726	5.58%	0.434%
13	5.887	676	680	684	rBV	862971	740192	75.48%	5.874%
14	5.957	689	692	694	rBV	24978	23436	2.39%	0.186%
15	6.063	706	710	714	rBV	683360	625637	63.80%	4.965%
16	6.216	733	736	739	rVB	19003	17871	1.82%	0.142%
17	6.263	739	744	748	rBV	33077	33431	3.41%	0.265%
18	6.351	756	759	763	rBV2	17345	19480	1.99%	0.155%
19	6.434	770	773	776	rBV2	17437	20150	2.05%	0.160%
20	6.528	783	789	794	rBV	369460	366509	37.37%	2.909%
21	6.792	828	834	837	rBV	16910	17189	1.75%	0.136%
22	6.822	837	839	844	rBV2	24501	24067	2.45%	0.191%
23	7.004	865	870	875	rVB4	14210	17133	1.75%	0.136%
24	7.086	880	884	889	rBV4	26174	41283	4.21%	0.328%
25	7.292	916	919	925	rBV2	26863	29036	2.96%	0.230%
26	7.345	925	928	931	rBV4	19039	20982	2.14%	0.167%
27	7.392	932	936	939	rVV	1090257	980690	100.00%	7.783%
28	7.416	939	940	946	rVB2	48632	39970	4.08%	0.317%
29	7.822	1004	1009	1012	rBV	34972	41135	4.19%	0.326%
30	8.257	1079	1083	1086	rBV	57048	53832	5.49%	0.427%
31	8.322	1090	1094	1101	rVV	101964	133276	13.59%	1.058%
32	8.380	1101	1104	1109	rVB	31329	33222	3.39%	0.264%
33	8.710	1157	1160	1164	rBV	934621	878478	89.58%	6.972%
34	9.033	1208	1215	1219	rBV4	15636	25497	2.60%	0.202%

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35	9.122	1227	1230	1233	rBV3	15653	16810	1.71%	0.133%
36	9.210	1242	1245	1250	rVB	84548	73903	7.54%	0.586%
37	9.357	1261	1270	1276	rBV2	55566	109086	11.12%	0.866%
38	9.533	1296	1300	1304	rVB2	943019	905984	92.38%	7.190%
39	9.569	1304	1306	1313	rVB3	28762	33317	3.40%	0.264%
40	9.786	1340	1343	1347	rBV3	11949	18232	1.86%	0.145%
41	10.122	1397	1400	1403	rVB2	27630	24702	2.52%	0.196%
42	10.210	1411	1415	1419	rBV3	28175	32655	3.33%	0.259%
43	10.504	1461	1465	1471	rBV	344300	334712	34.13%	2.656%
44	10.592	1476	1480	1484	rBV6	35812	53439	5.45%	0.424%
45	10.710	1497	1500	1502	rBV4	29089	32396	3.30%	0.257%
46	11.110	1564	1568	1572	rBV3	59093	63458	6.47%	0.504%
47	11.174	1577	1579	1580	rVV2	34415	30228	3.08%	0.240%
48	11.192	1580	1582	1585	rVV3	51050	51026	5.20%	0.405%
49	11.239	1587	1590	1592	rVB3	26597	30060	3.07%	0.239%
50	11.310	1599	1602	1606	rBV5	25822	38545	3.93%	0.306%
51	11.357	1606	1610	1613	rBV	762577	756124	77.10%	6.001%
52	11.386	1613	1615	1619	rVB	188906	160366	16.35%	1.273%
53	11.451	1622	1626	1629	rBV	64720	70858	7.23%	0.562%
54	11.651	1657	1660	1663	rBV3	33502	34655	3.53%	0.275%
55	12.016	1720	1722	1726	rVB	39803	37323	3.81%	0.296%
56	12.851	1861	1864	1867	rVB	336566	321158	32.75%	2.549%
57	13.127	1907	1911	1914	rBV	365738	377501	38.49%	2.996%
58	13.210	1922	1925	1928	rBV	162808	183729	18.73%	1.458%
59	13.333	1943	1946	1951	rVB	527017	552263	56.31%	4.383%
60	13.951	2048	2051	2056	rVB	165022	182606	18.62%	1.449%
61	14.615	2160	2164	2167	rBV2	608431	749856	76.46%	5.951%
62	16.251	2440	2442	2446	rVB	434024	404123	41.21%	3.207%

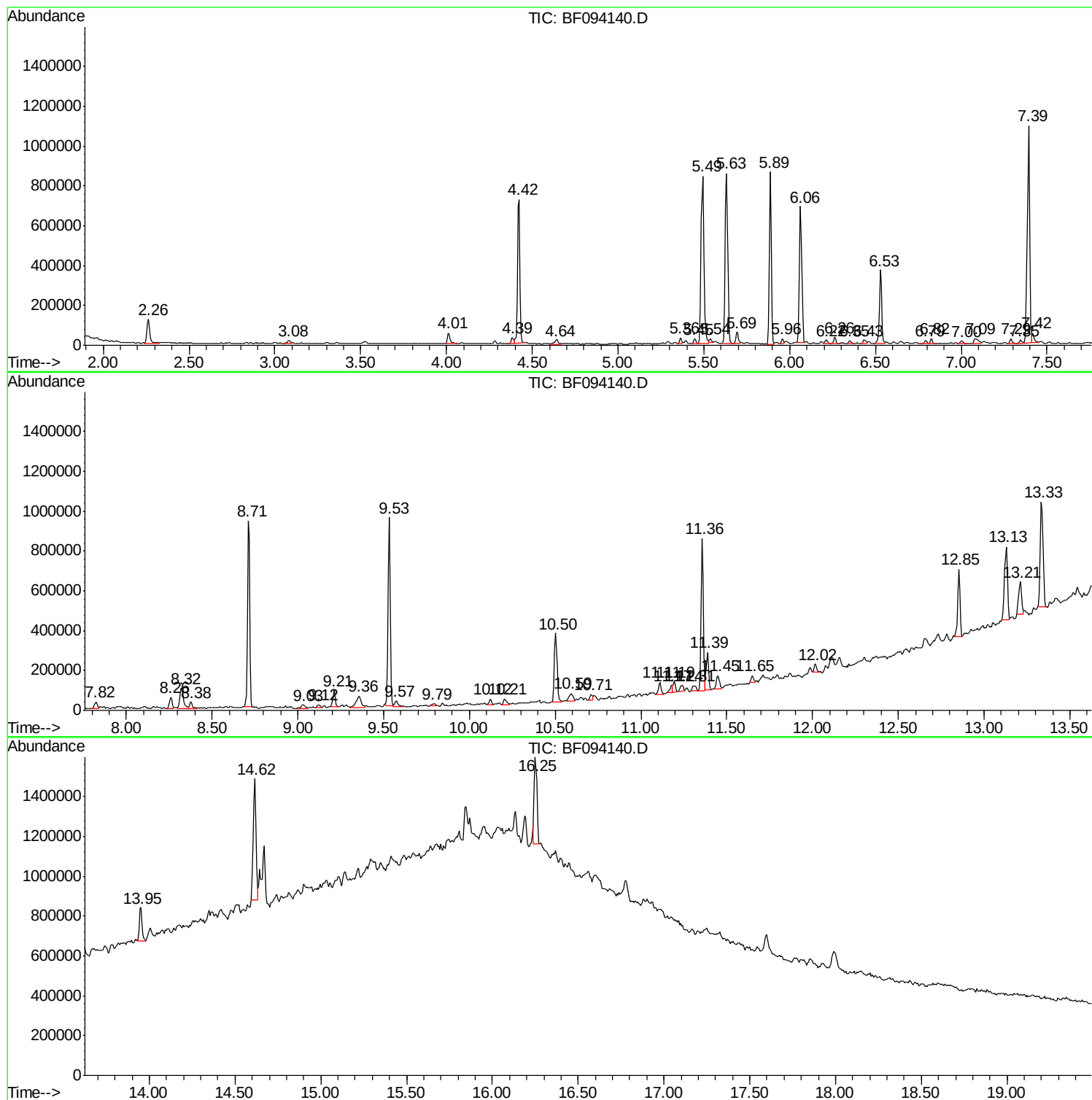
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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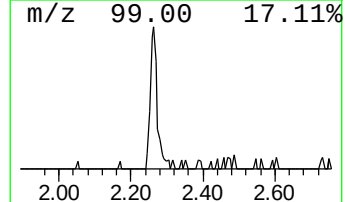
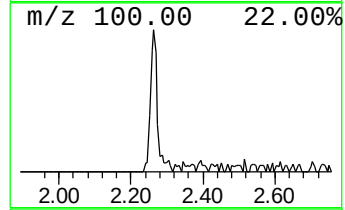
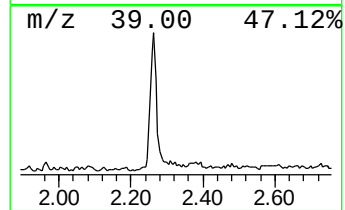
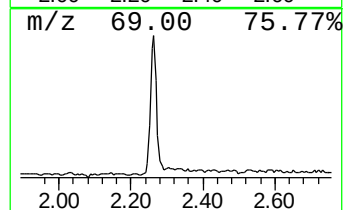
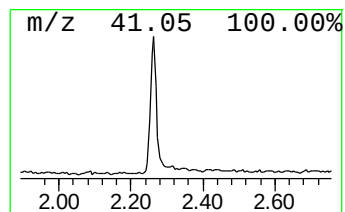
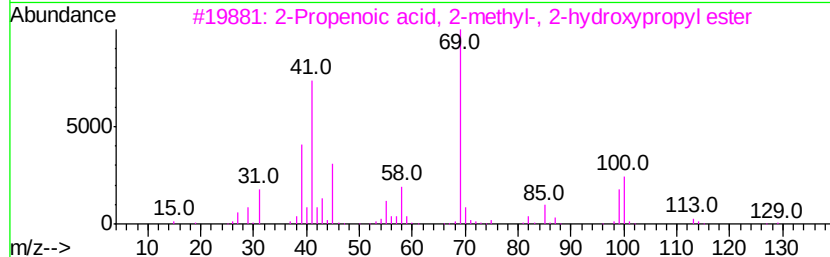
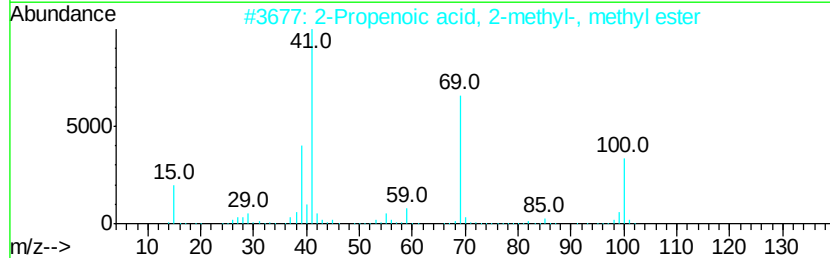
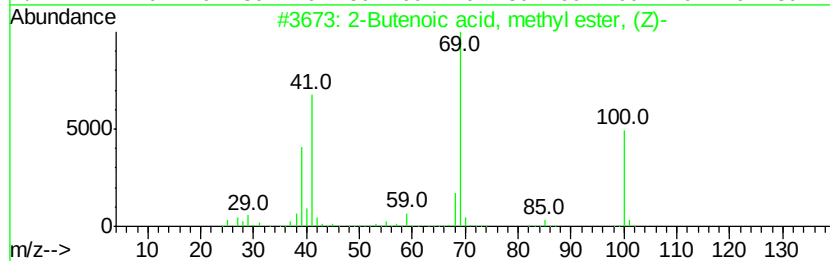
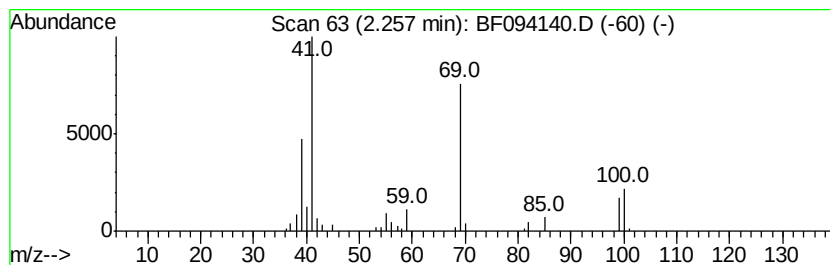
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Butenoic acid, methyl est... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	4.02 ng	148903	1,4-Dichlorobenzene-d4	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	87
2		2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	86
3		2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
4		2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	59
5		Crotonyl isothiocyanate	127	C5H5NOS	060034-28-8	45



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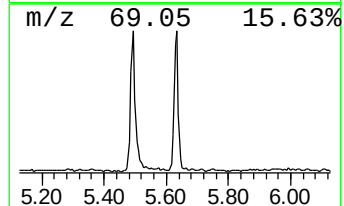
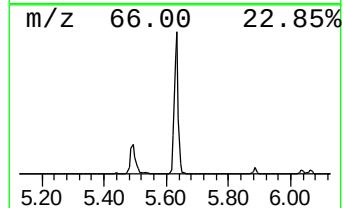
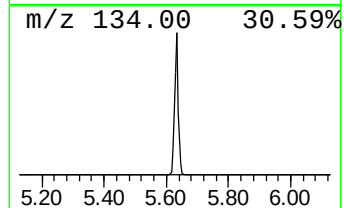
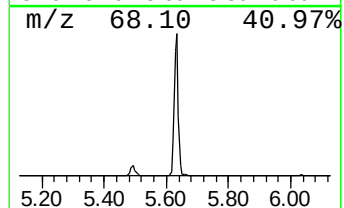
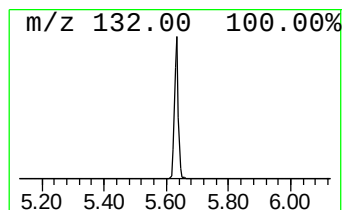
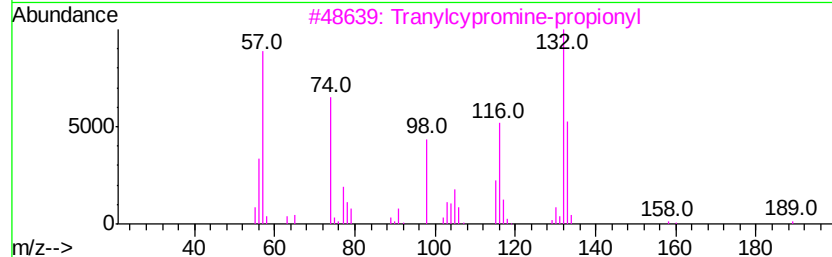
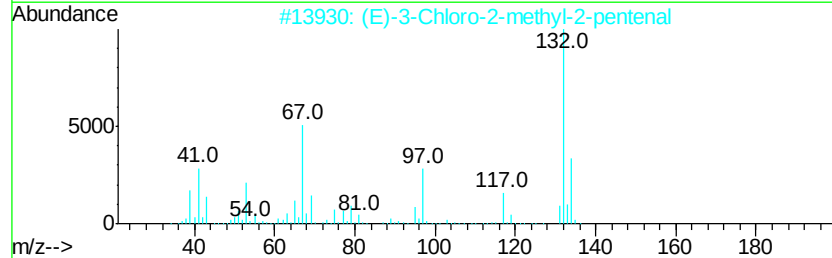
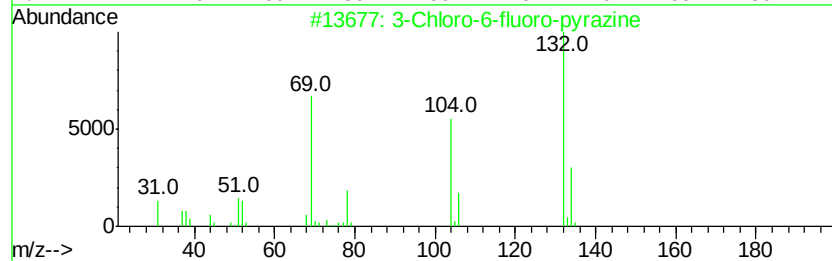
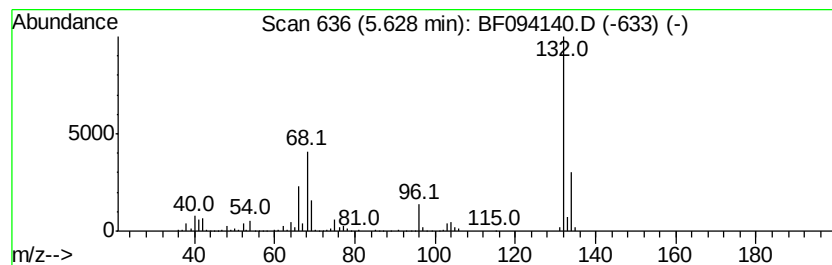
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	20.92 ng	774230	1,4-Dichlorobenzene-d4	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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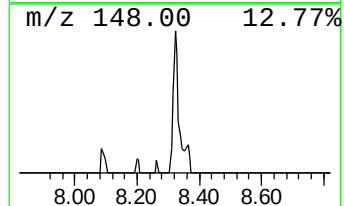
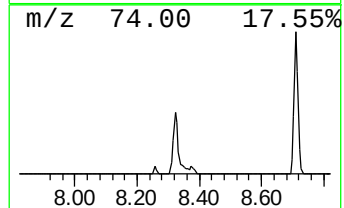
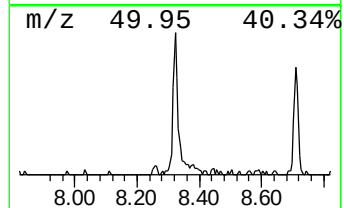
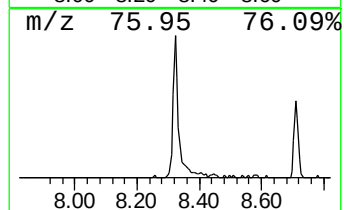
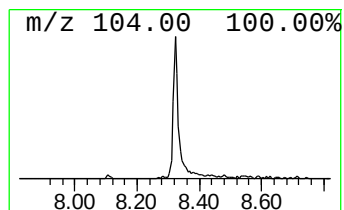
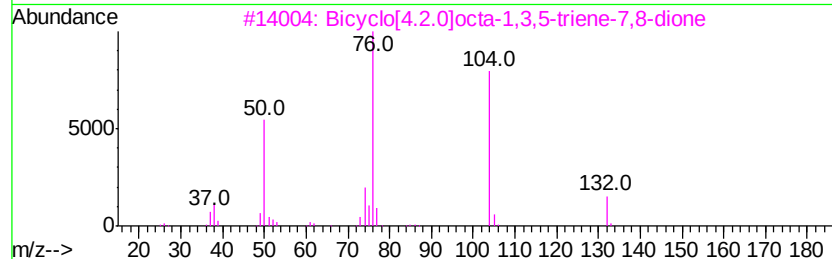
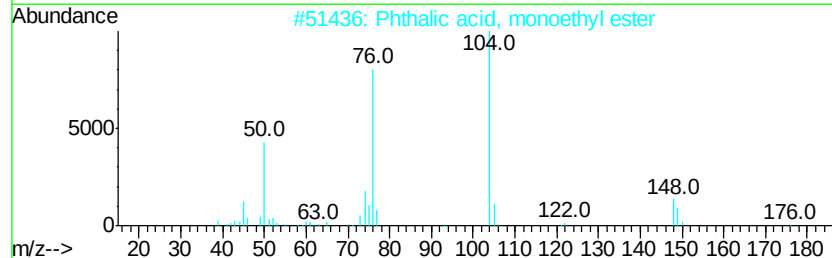
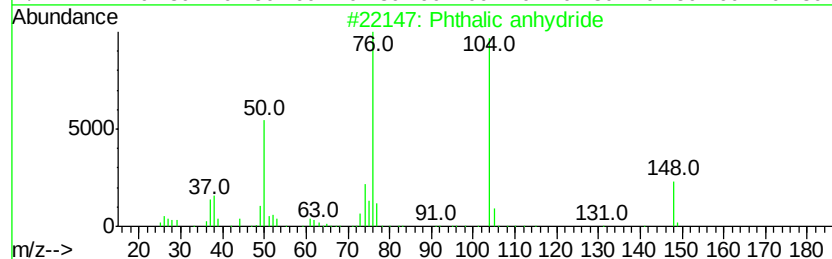
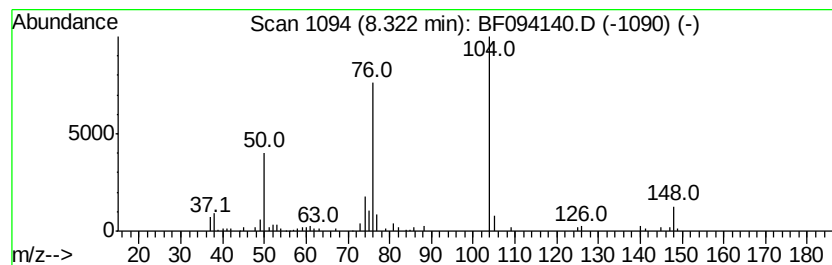
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.72 ng	133276	Naphthalene-d8	7.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic anhydride	148	C8H4O3	000085-44-9	95
2		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3		Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	86
4		Phthalamic acid	165	C8H7NO3	000088-97-1	83
5		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83



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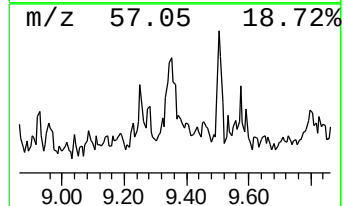
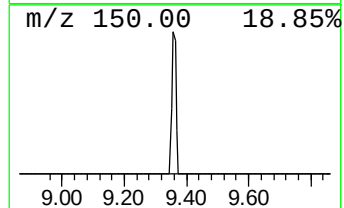
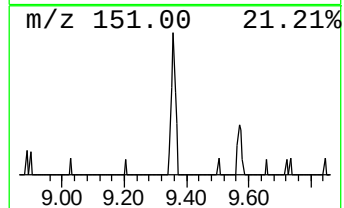
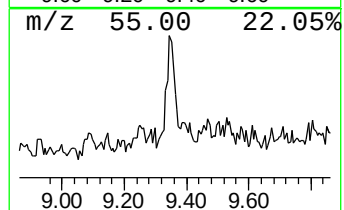
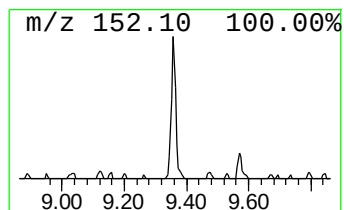
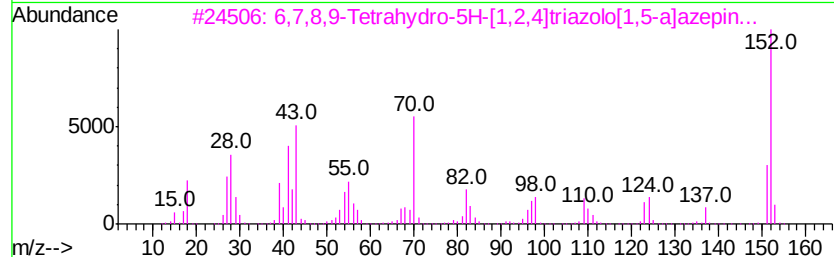
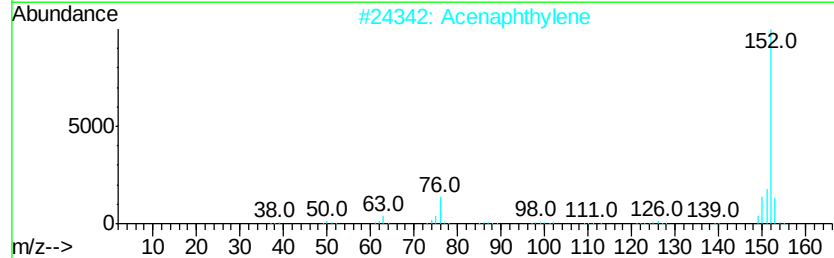
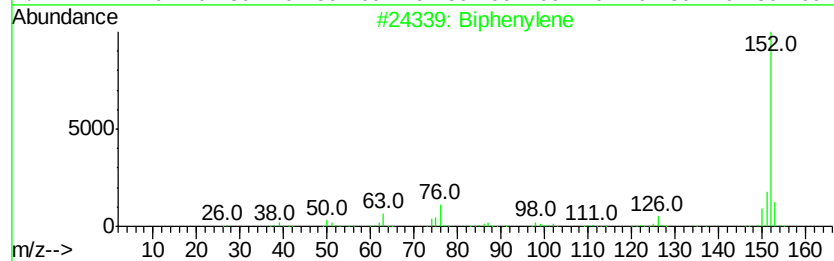
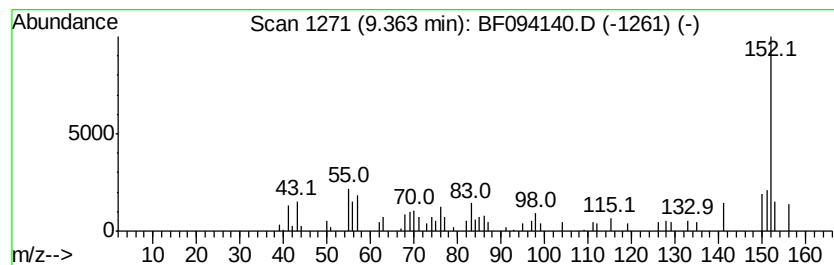
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Peak Number 5 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.36	2.41 ng	109086	Acenaphthene-d10	9.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	87
2	Acenaphthylene	152	C12H8	000208-96-8	72
3	6,7,8,9-Tetrahydro-5H-[1,2,4]tri...	152	C7H12N4	052333-20-7	59
4	Piperidine, 1-(cyanoacetyl)-	152	C8H12N2O	015029-30-8	45
5	2H-Pyrrol-2-one, 1,5-dihydro-4-(...	152	C8H12N2O	105776-93-0	42



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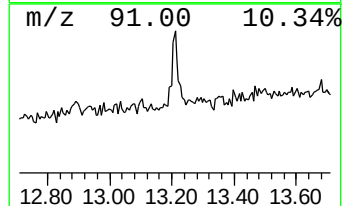
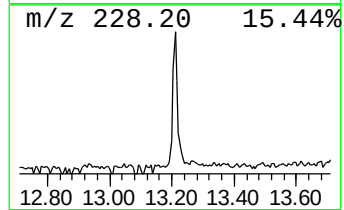
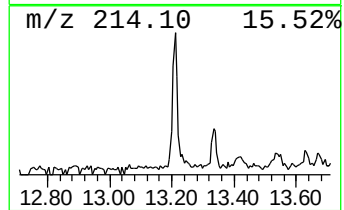
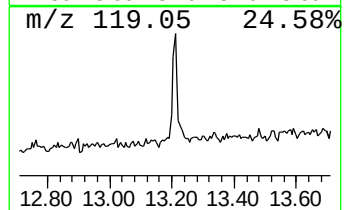
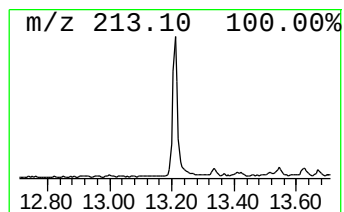
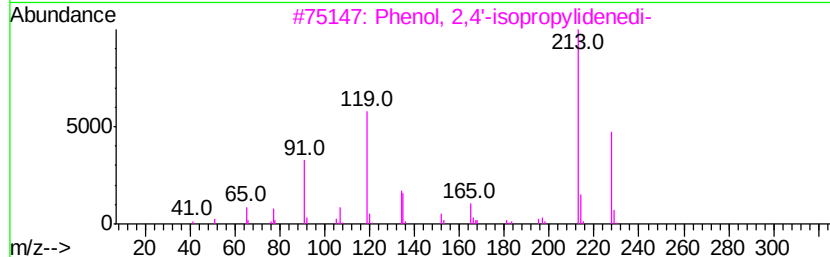
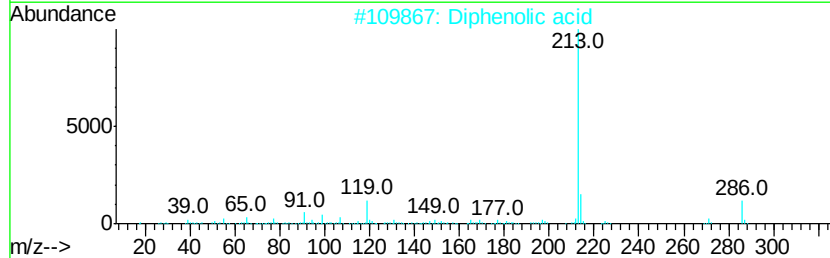
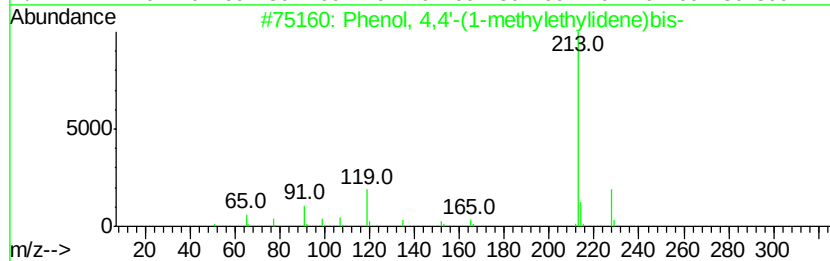
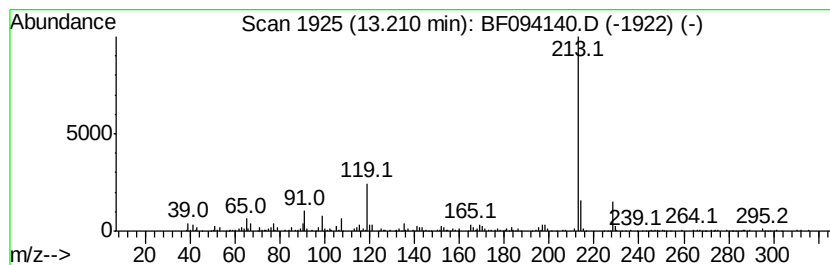
Instrument :
BNA_F
ClientSampleId :
LSS-SP11-COMP

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 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.21	4.90 ng	183729	Chrysene-d12	14.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94	
2	Diphenolic acid	286	C17H18O4	000126-00-1	74	
3	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	64	
4	2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	64	
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040317\
Data File : BF094140.D
Acq On : 4 Apr 2017 00:07
Operator : SJ/MA
Sample : I2493-16 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SP11-COMP

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-Butenoic acid, ...	2.26	4.0	ng	148903	1	5.89	740192	20.0
unknown5.63	5.63	20.9	ng	774230	1	5.89	740192	20.0
Phthalic anhydride	8.32	2.7	ng	133276	2	7.39	980690	20.0
Biphenylene	9.36	2.4	ng	109086	3	9.53	905984	20.0
Phenol, 4,4'-(1-m...	13.21	4.9	ng	183729	5	14.62	749856	20.0