

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089264.D
 Acq On : 24 Jul 2016 7:05
 Operator : UM/SJ
 Sample : H4151-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-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-BF072016.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	1.713	9	11	35	rVB	485711	947648	66.68%	7.543%
2	4.707	271	273	281	rBV	40719	68222	4.80%	0.543%
3	5.164	311	313	334	rBV	825280	1240931	87.32%	9.877%
4	6.239	404	407	414	rBV	1042068	1339708	94.27%	10.663%
5	6.342	414	416	419	rBV	811324	1181888	83.16%	9.407%
6	6.582	435	437	448	rBV	211457	280663	19.75%	2.234%
7	6.730	448	450	453	rBV	953008	946943	66.63%	7.537%
8	7.153	484	487	505	rBV	639689	844699	59.44%	6.723%
9	7.862	547	549	560	rBV	412499	410199	28.86%	3.265%
10	8.948	641	644	646	rBV	1148835	1421157	100.00%	11.311%
11	9.336	676	678	681	rBV	141128	159965	11.26%	1.273%
12	9.611	699	702	704	rBV	401489	408107	28.72%	3.248%
13	10.056	737	741	743	rBB	13658	19391	1.36%	0.154%
14	10.388	768	770	773	rBV2	440212	661185	46.52%	5.263%
15	10.525	781	782	786	rVB	15257	20968	1.48%	0.167%
16	10.971	819	821	823	rBV	18174	19559	1.38%	0.156%
17	11.085	828	831	836	rBV	305434	364688	25.66%	2.903%
18	12.285	934	936	941	rBV	64739	61602	4.33%	0.490%
19	12.502	953	955	958	rBV	96107	119584	8.41%	0.952%
20	12.662	967	969	972	rBV	835947	881287	62.01%	7.014%
21	13.211	1014	1017	1018	rBV	34059	33670	2.37%	0.268%
22	13.257	1018	1021	1025	rVB2	7126	15472	1.09%	0.123%
23	13.577	1046	1049	1056	rBV2	39715	77299	5.44%	0.615%
24	13.702	1057	1060	1067	rVV2	286260	358625	25.23%	2.854%
25	13.897	1075	1077	1082	rBV3	8234	14595	1.03%	0.116%
26	14.217	1099	1105	1110	rBV3	15066	51170	3.60%	0.407%
27	14.491	1125	1129	1130	rBV3	12507	20547	1.45%	0.164%
28	14.697	1144	1147	1151	rBV	38018	83966	5.91%	0.668%
29	14.777	1152	1154	1156	rBV	22477	24978	1.76%	0.199%
30	14.937	1166	1168	1171	rBV	21296	28953	2.04%	0.230%
31	14.994	1171	1173	1175	rBV	29556	35472	2.50%	0.282%
32	15.051	1175	1178	1181	rBV	165849	256837	18.07%	2.044%
33	15.451	1211	1213	1216	rBV	17186	23944	1.68%	0.191%
34	15.965	1256	1258	1263	rVB4	8211	18919	1.33%	0.151%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	16.263	1281	1284	1287	rBV	12593	22901	1.61%	0.182%
36	16.503	1303	1305	1311	rVB4	7633	20004	1.41%	0.159%
37	16.628	1312	1316	1320	rBV	11470	30769	2.17%	0.245%
38	16.754	1322	1327	1332	rVV4	6744	24600	1.73%	0.196%
39	17.554	1392	1397	1403	rVB5	6659	22841	1.61%	0.182%

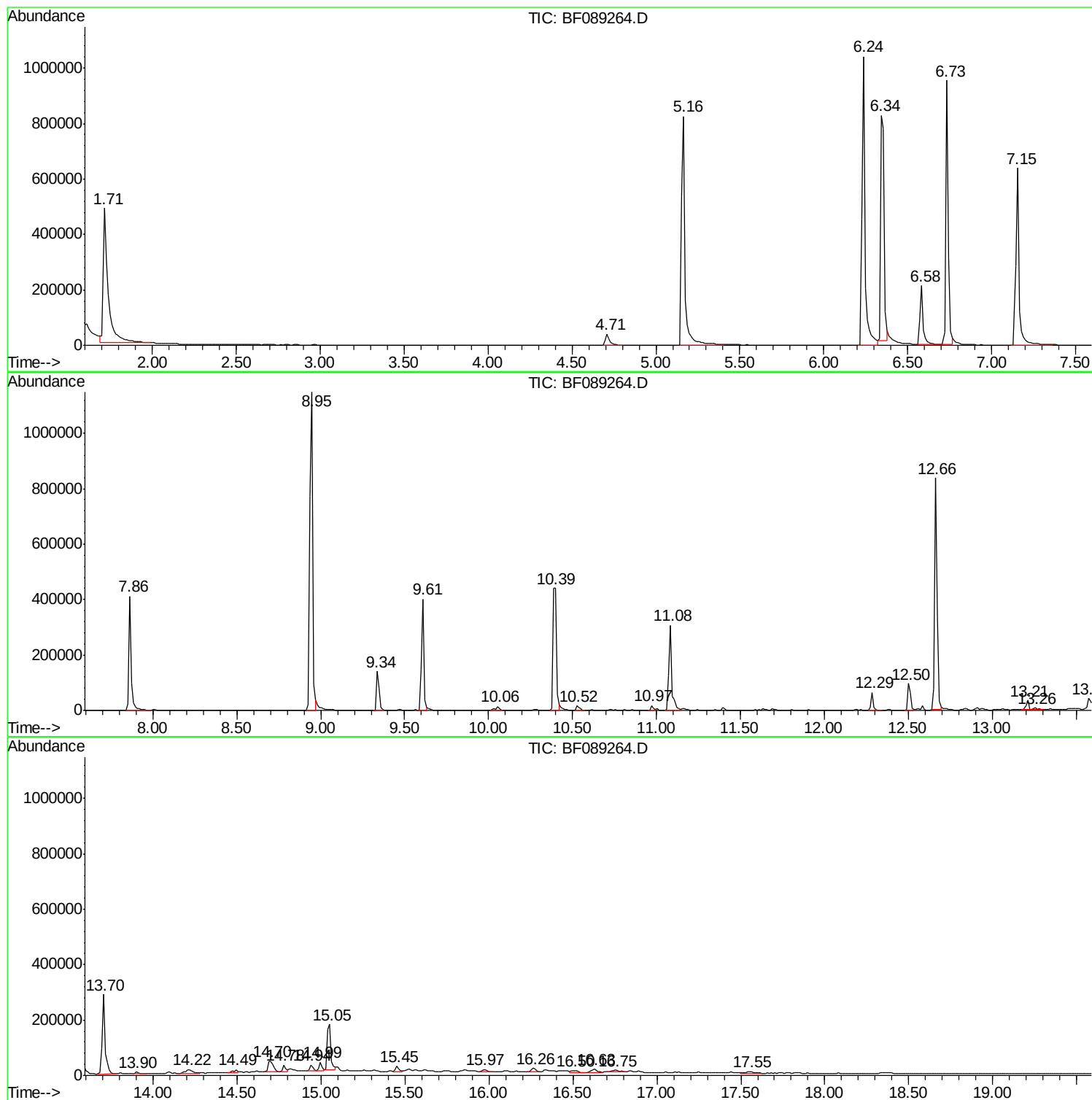
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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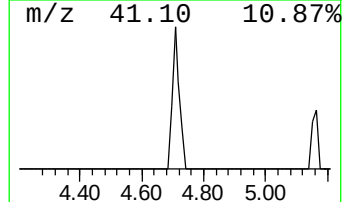
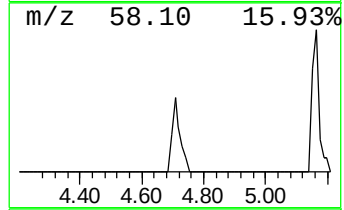
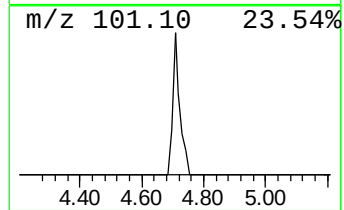
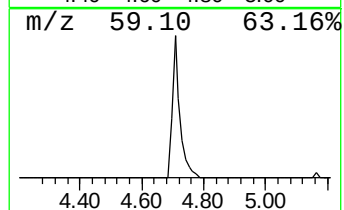
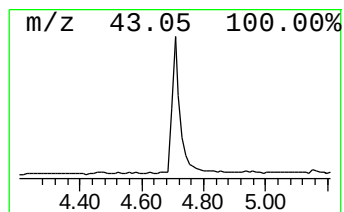
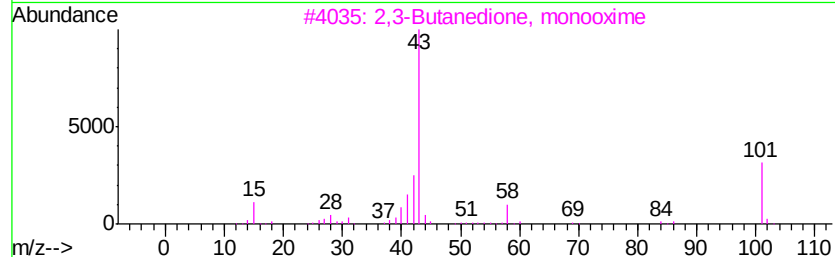
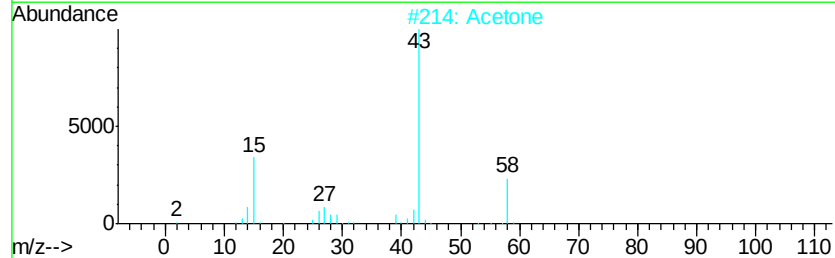
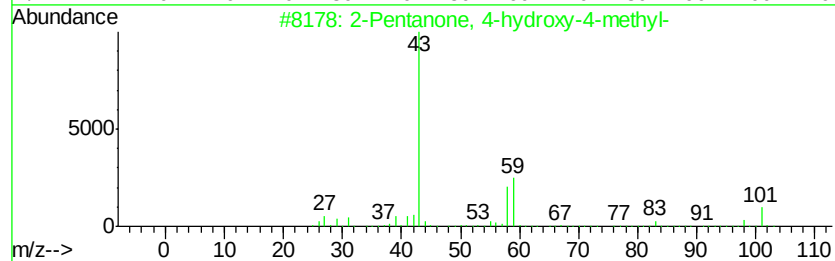
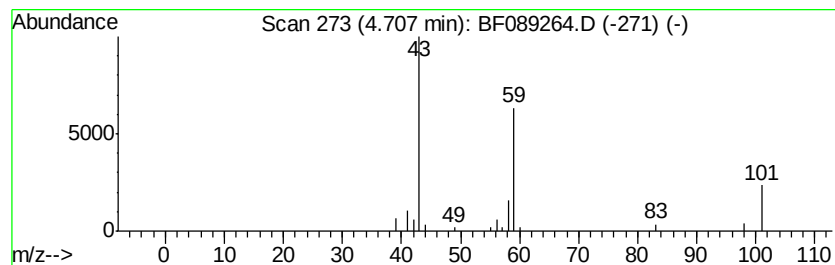
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	4.86 ng	68222	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetone	58	C3H6O	000067-64-1	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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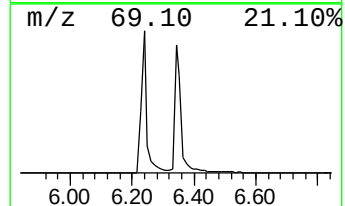
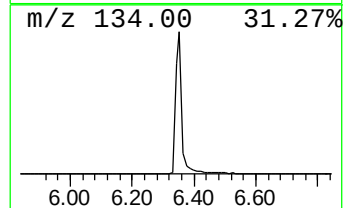
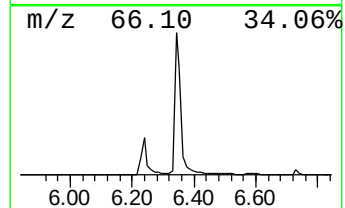
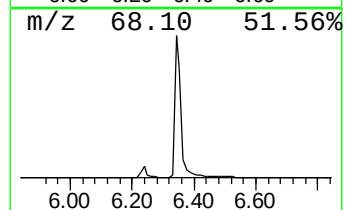
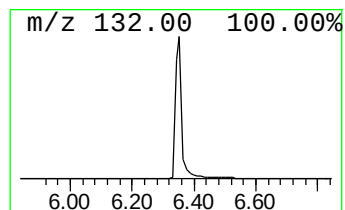
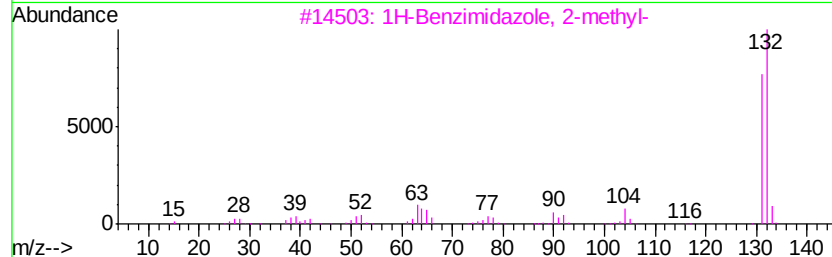
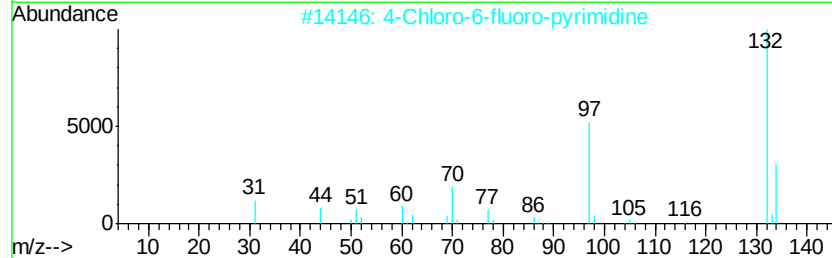
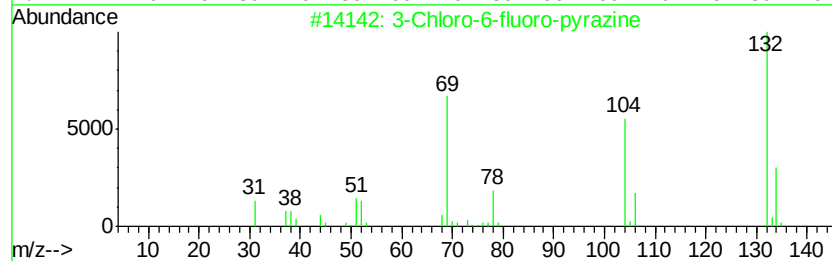
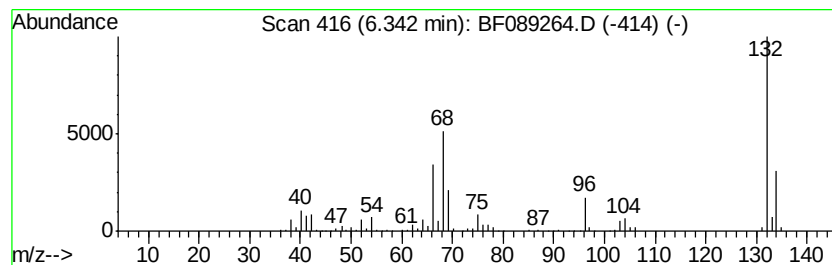
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	84.22 ng	1181890	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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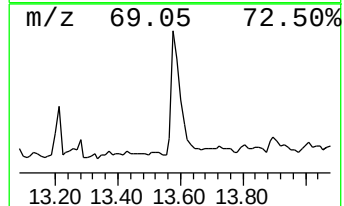
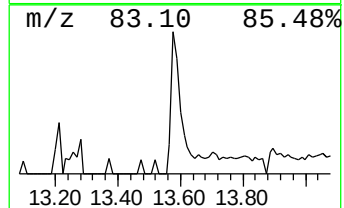
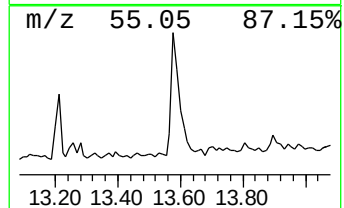
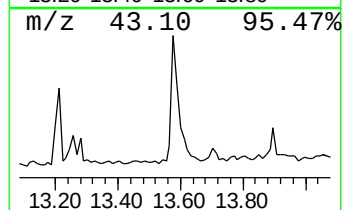
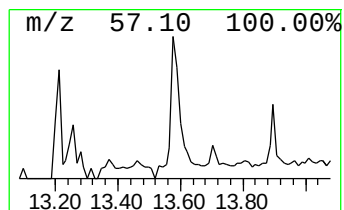
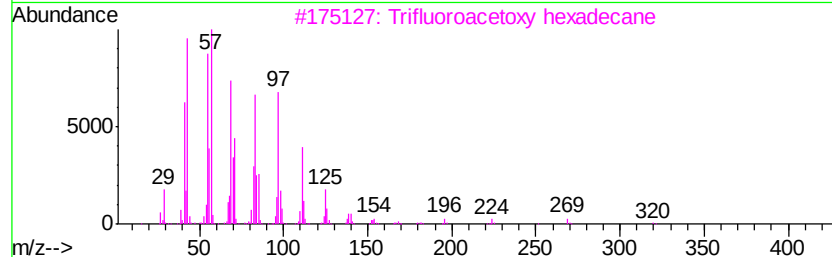
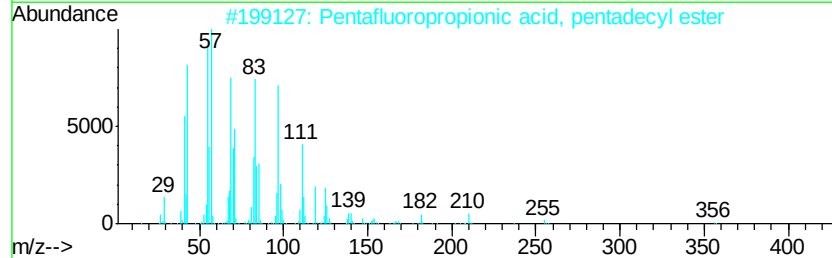
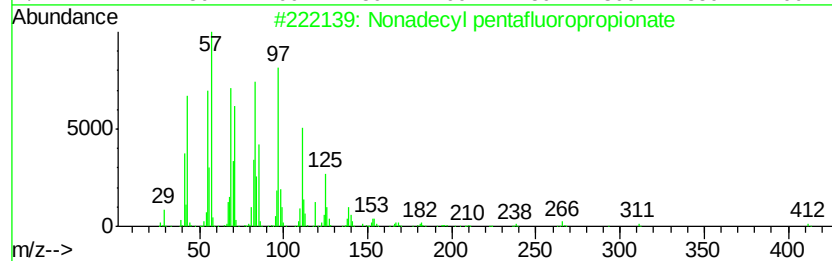
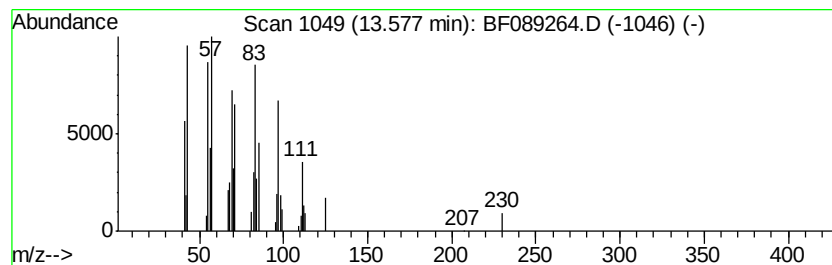
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Nonadecyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.31 ng	77299	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90



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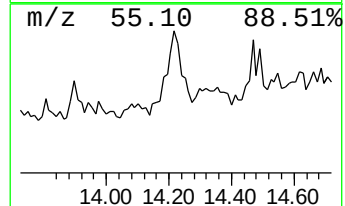
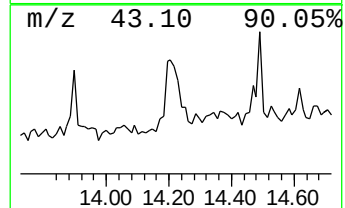
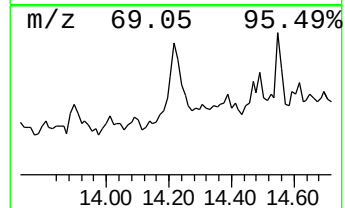
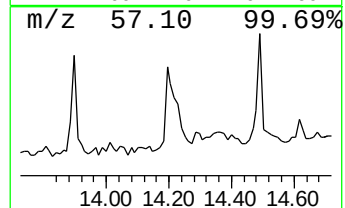
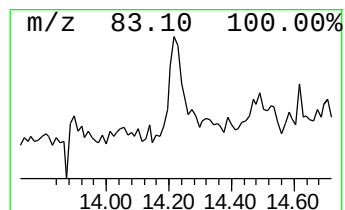
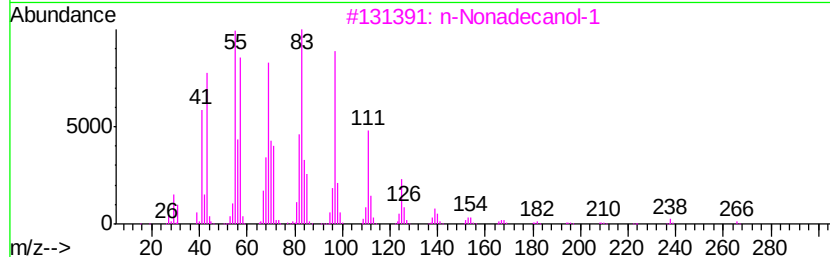
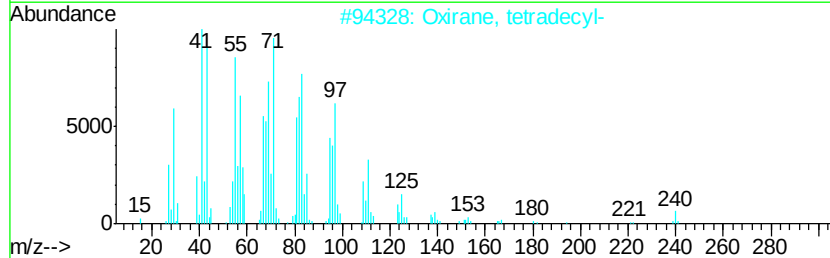
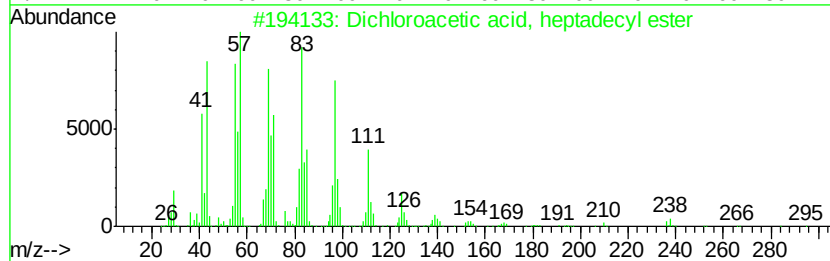
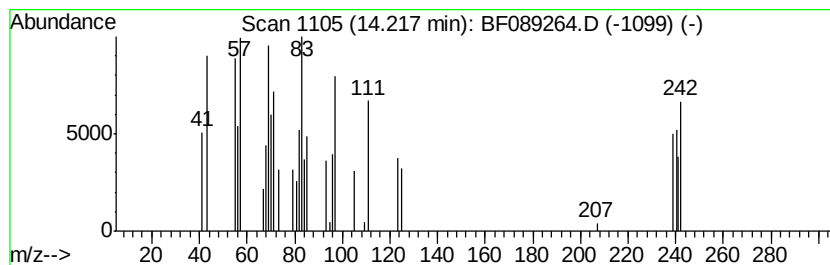
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Dichloroacetic acid, heptadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.85 ng	51170	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	52
2		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	50
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	49
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	49
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	49



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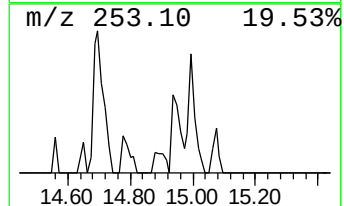
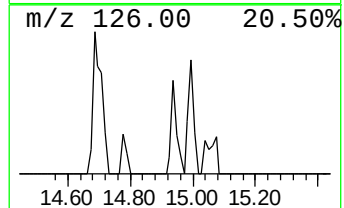
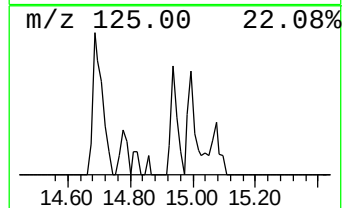
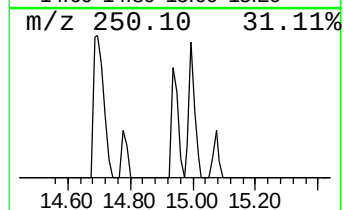
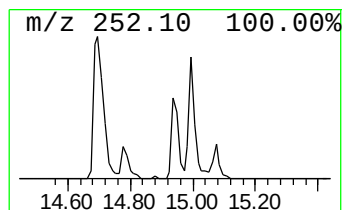
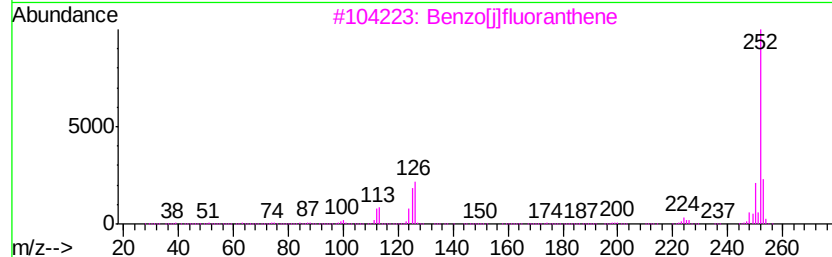
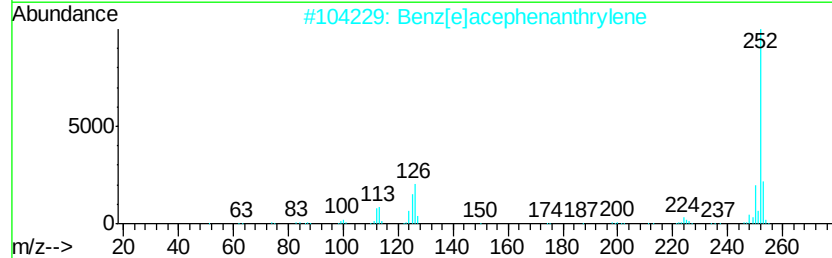
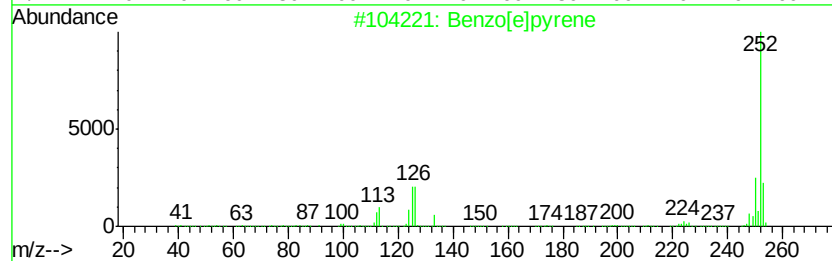
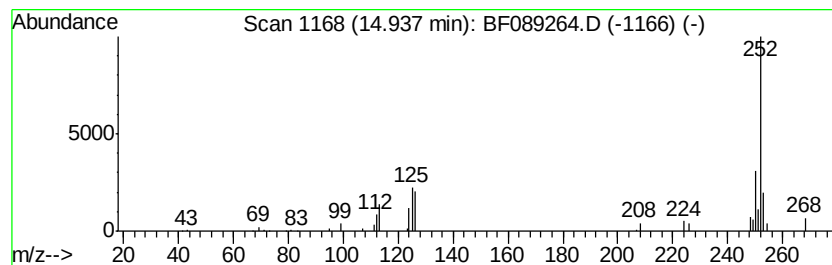
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Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.25 ng	28953	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	93



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BNA_F
ClientSampleId :
SB-05-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
2-Pentanone, 4-hy...	4.71	4.9	ng	68222	1	6.58	280663	20.0
unknown6.34	6.34	84.2	ng	1181890	1	6.58	280663	20.0
Nonadecyl pentafl...	13.58	4.3	ng	77299	5	13.70	358625	20.0
Dichloroacetic ac...	14.22	2.9	ng	51170	5	13.70	358625	20.0
Benzo[e]pyrene	14.94	2.3	ng	28953	6	15.05	256837	20.0