

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078875.D
 Acq On : 1 May 2015 4:27
 Operator : TP/IZ
 Sample : G2032-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(0-2)

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-BF043015.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	1.541	28	31	34	rVB	6706433	8054748	100.00%	18.430%
2	1.678	40	43	50	rVB	237094	512258	6.36%	1.172%
3	1.781	50	52	57	rVV	384194	747969	9.29%	1.711%
4	1.861	57	59	62	rVV	237371	343621	4.27%	0.786%
5	1.907	62	63	98	rVB	3521422	6828337	84.77%	15.624%
6	5.176	347	349	357	rVB	220164	290798	3.61%	0.665%
7	5.667	389	392	395	rBV	1601142	1778177	22.08%	4.069%
8	6.925	499	502	504	rBV	1655573	1942618	24.12%	4.445%
9	7.085	513	516	518	rBV	1880155	1994120	24.76%	4.563%
10	7.370	539	541	543	rBV	595679	542917	6.74%	1.242%
11	7.553	555	557	560	rVB	1131033	1507935	18.72%	3.450%
12	8.056	599	601	604	rBV	1052025	1131426	14.05%	2.589%
13	8.948	677	679	681	rBV	887906	766374	9.51%	1.754%
14	10.296	794	797	799	rBV	2727129	2441103	30.31%	5.586%
15	10.799	839	841	843	rBV	94393	99216	1.23%	0.227%
16	11.131	867	870	872	rBV	684763	820166	10.18%	1.877%
17	11.474	898	900	903	rBV	284559	378317	4.70%	0.866%
18	12.102	953	955	958	rVB	1475550	1518889	18.86%	3.475%
19	12.971	1029	1031	1033	rBV	875372	949437	11.79%	2.172%
20	13.005	1033	1034	1036	rVV	247756	178505	2.22%	0.408%
21	13.062	1037	1039	1042	rVV	110534	126260	1.57%	0.289%
22	13.211	1046	1052	1055	rBV	51146	120028	1.49%	0.275%
23	13.679	1091	1093	1096	rBV2	75193	127227	1.58%	0.291%
24	13.737	1096	1098	1100	rVV	86096	95661	1.19%	0.219%
25	14.491	1161	1164	1166	rBV	603399	679435	8.44%	1.555%
26	14.582	1168	1172	1175	rVB	203799	460875	5.72%	1.055%
27	14.765	1185	1188	1190	rBV	530985	642686	7.98%	1.471%
28	14.834	1191	1194	1200	rVV	454394	707002	8.78%	1.618%
29	14.971	1203	1206	1209	rVV	2748972	2681186	33.29%	6.135%
30	15.177	1223	1224	1226	rVB	73438	84667	1.05%	0.194%
31	15.268	1230	1232	1233	rBV	82188	91220	1.13%	0.209%
32	15.302	1233	1235	1237	rBV2	61973	81482	1.01%	0.186%
33	16.137	1305	1308	1312	rBV3	264891	452934	5.62%	1.036%
34	16.263	1316	1319	1321	rVV2	855933	1323567	16.43%	3.029%

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Integration Parameters: rteint.p
Integrator: RTE
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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.297	1321	1322	1324	rVB	243571	248448	3.08%	0.568%
36	16.948	1378	1379	1385	rVB2	108406	175155	2.17%	0.401%
37	17.566	1430	1433	1437	rBV	241566	553478	6.87%	1.266%
38	17.760	1446	1450	1453	rBV2	112031	243854	3.03%	0.558%
39	17.886	1459	1461	1464	rBV	158451	211076	2.62%	0.483%
40	17.954	1464	1467	1469	rVV	210047	314304	3.90%	0.719%
41	18.023	1470	1473	1480	rVB	727141	1143995	14.20%	2.618%
42	18.606	1522	1524	1526	rVB2	73067	104171	1.29%	0.238%
43	19.531	1602	1605	1611	rVB2	93836	207815	2.58%	0.476%

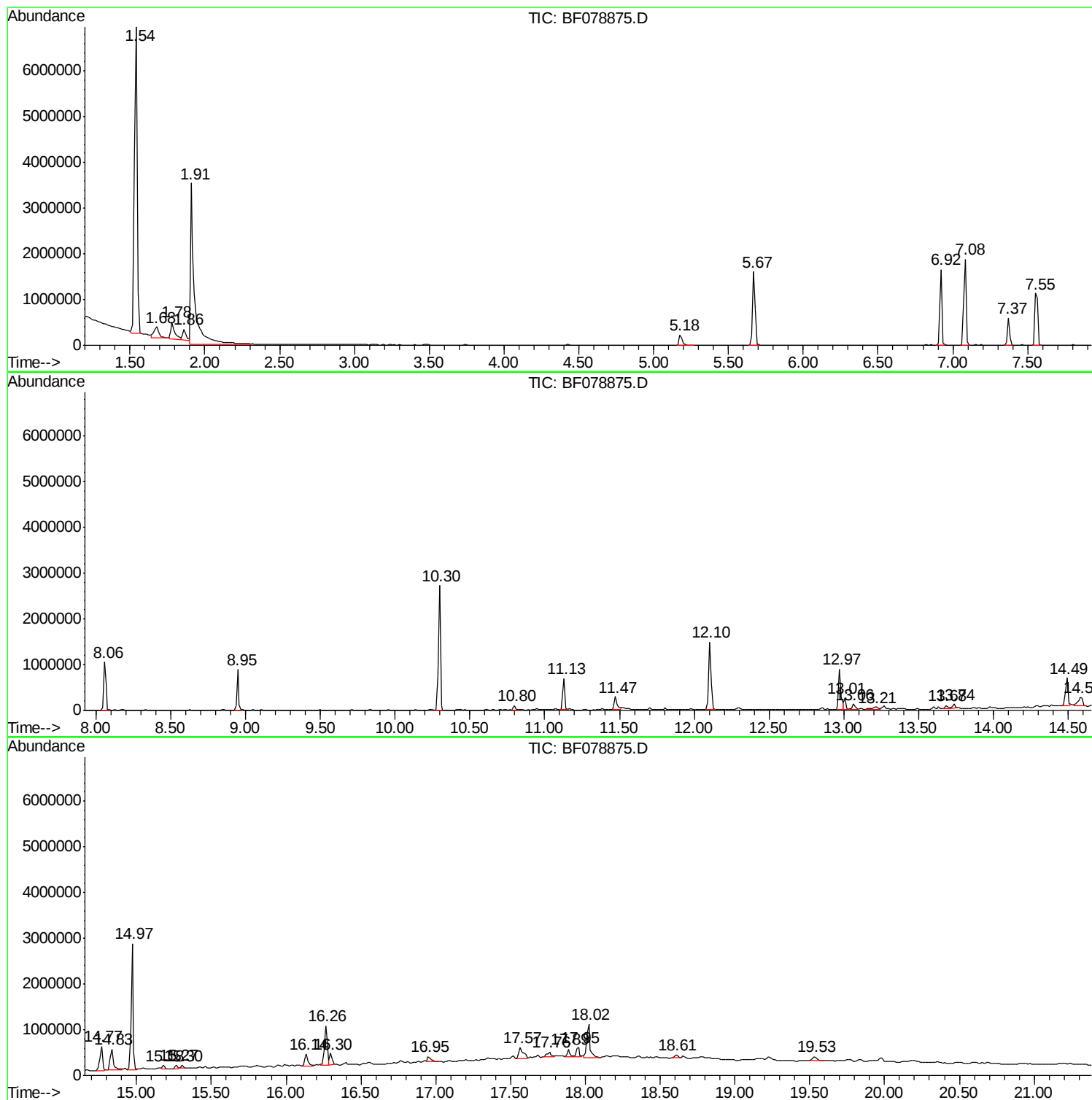
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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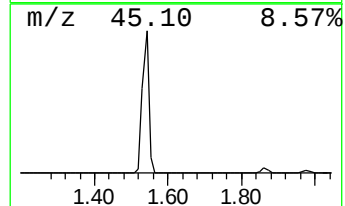
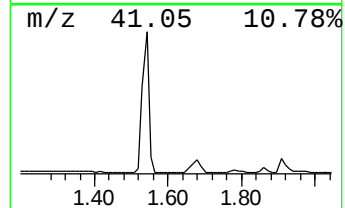
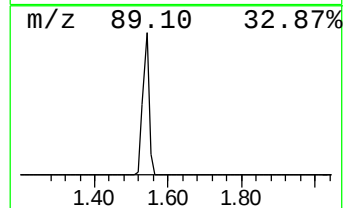
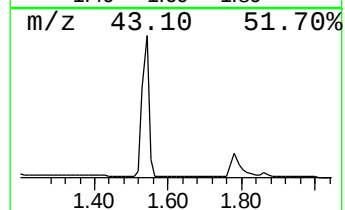
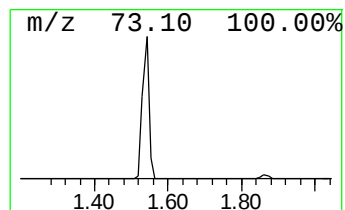
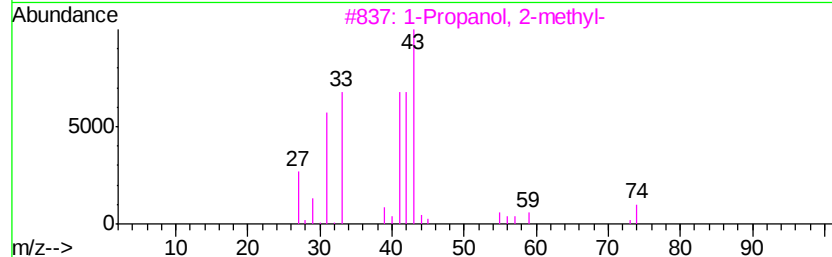
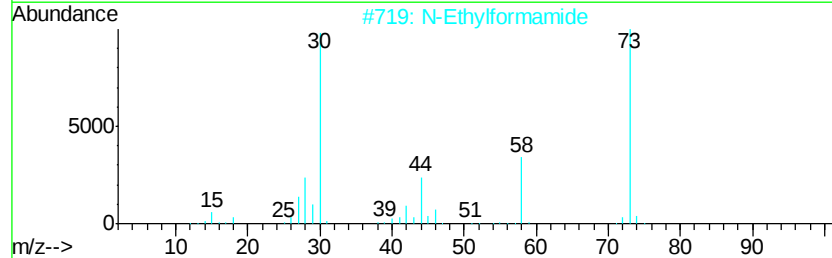
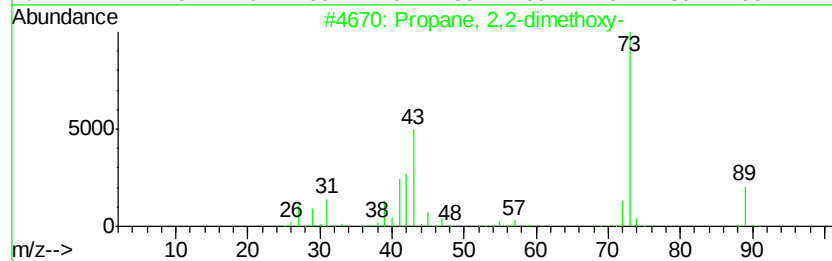
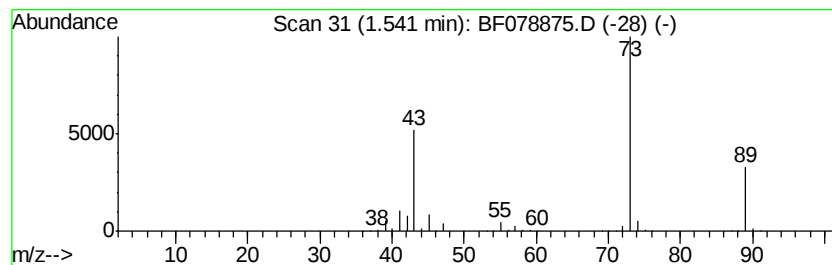
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	296.72 ng	8054750	1,4-Dichlorobenzene-d4	7.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4			1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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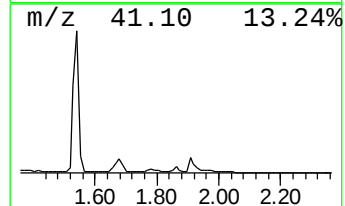
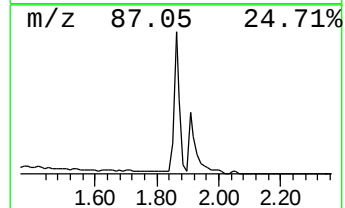
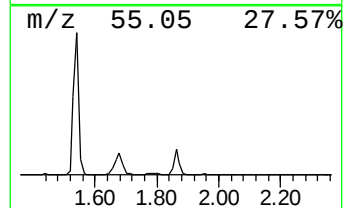
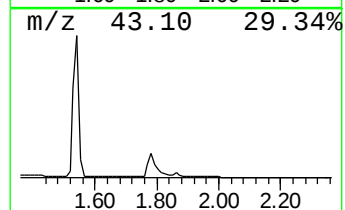
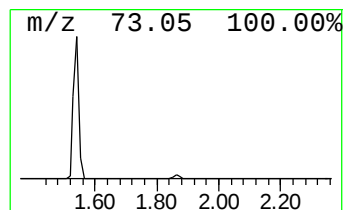
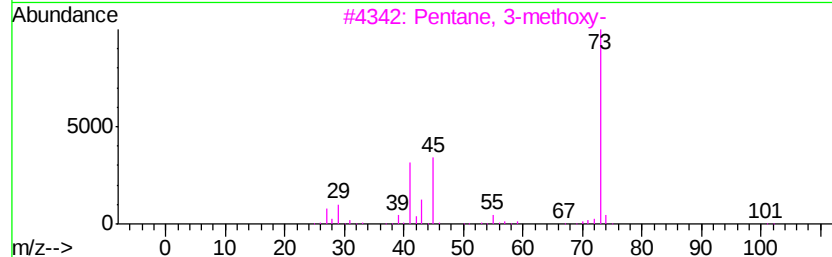
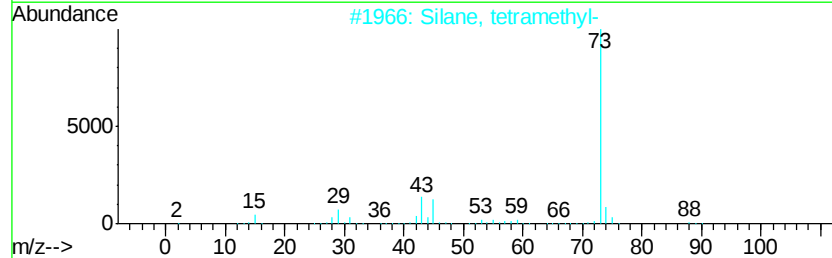
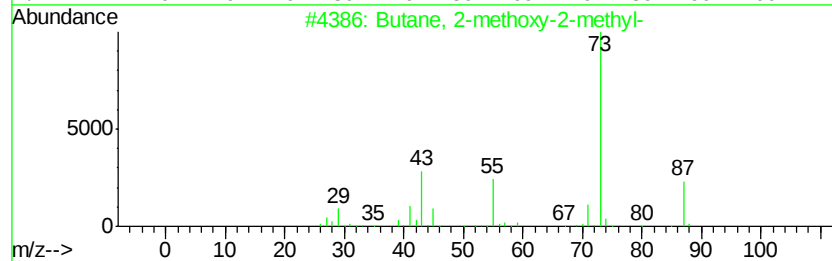
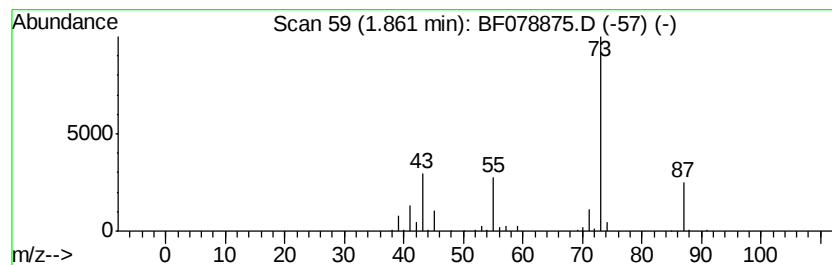
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	12.66 ng	343621	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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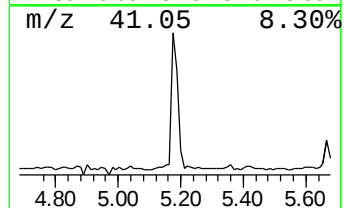
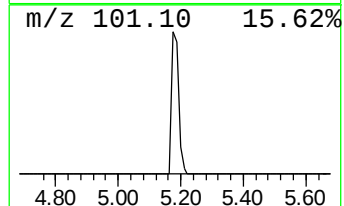
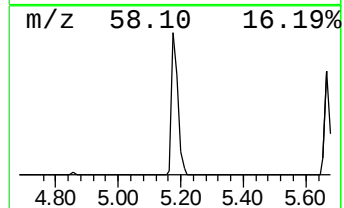
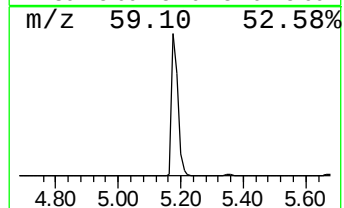
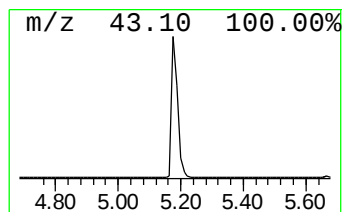
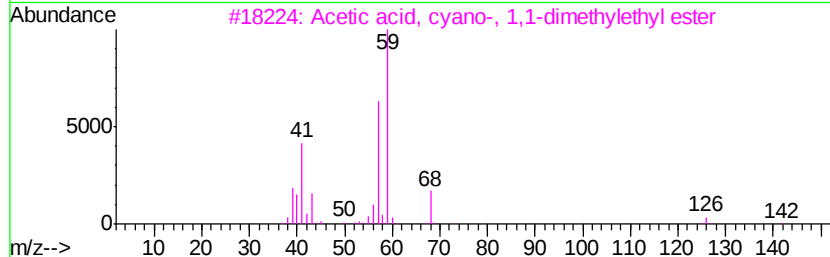
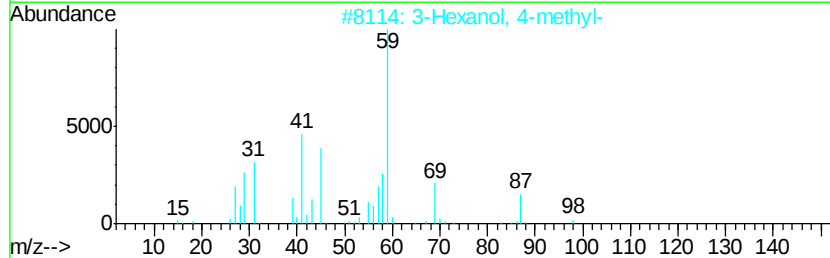
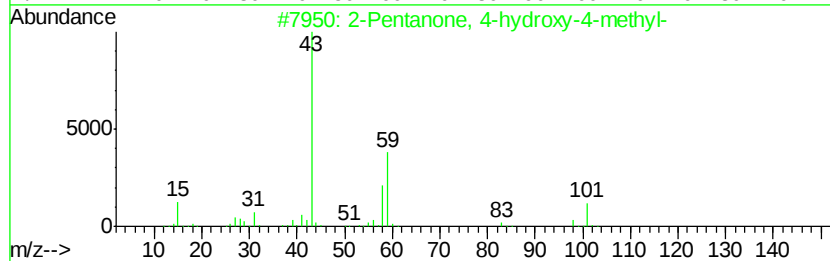
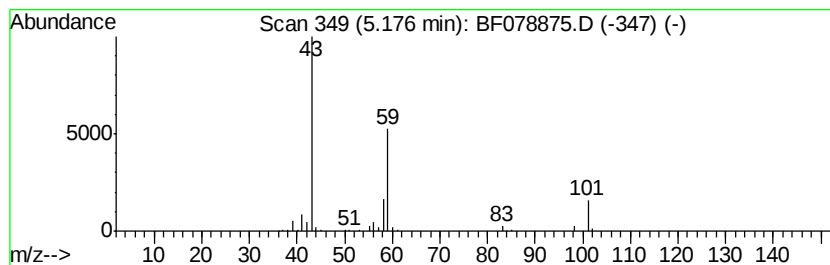
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.71 ng	290798	1,4-Dichlorobenzene-d4	7.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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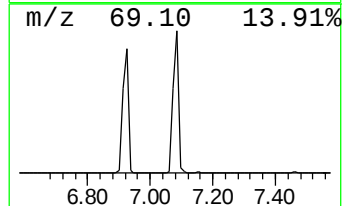
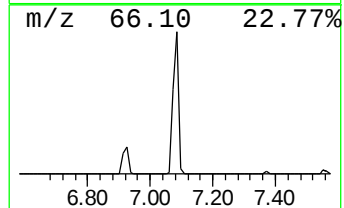
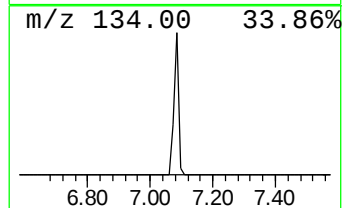
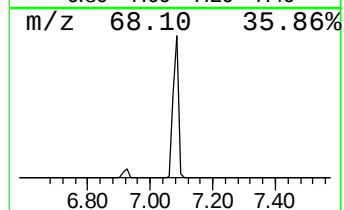
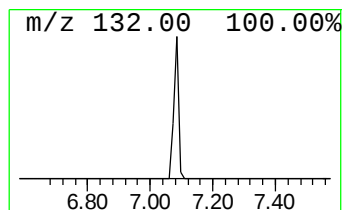
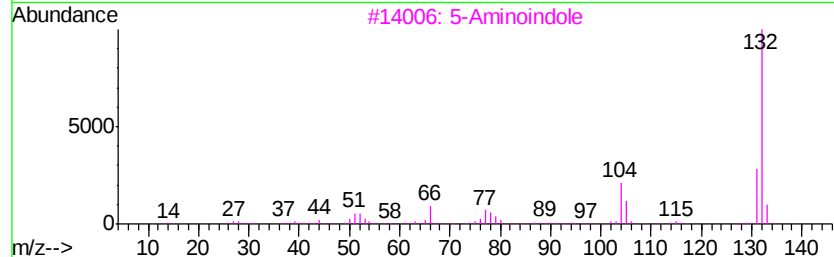
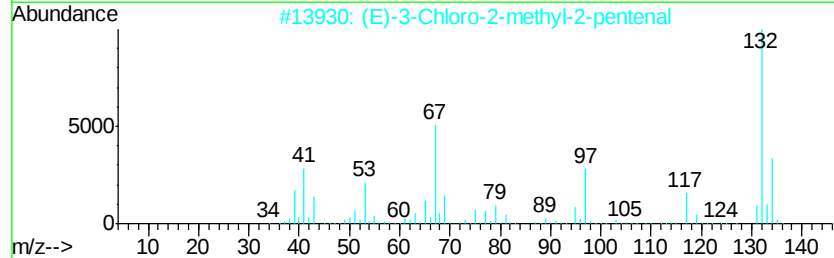
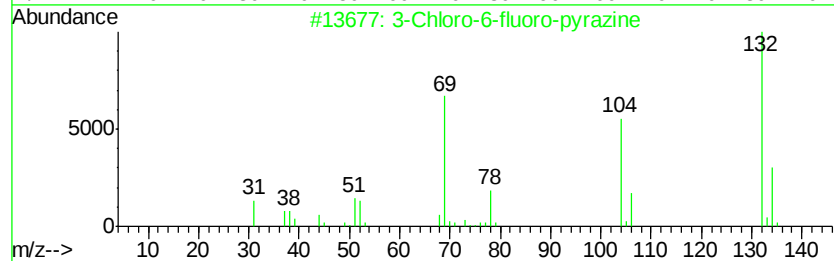
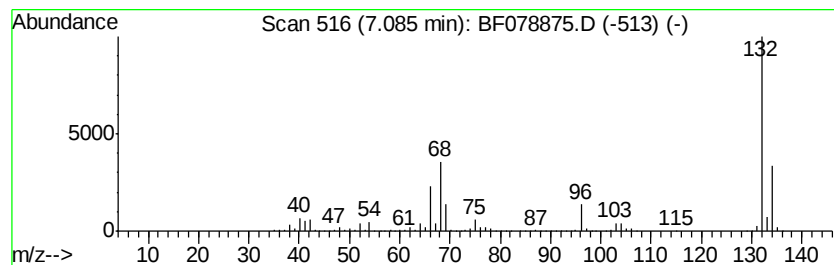
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	73.46 ng	1994120	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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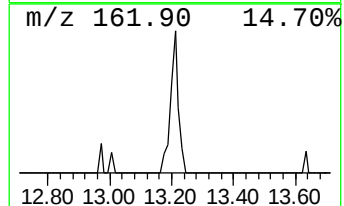
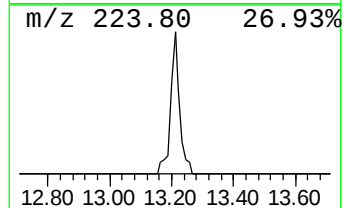
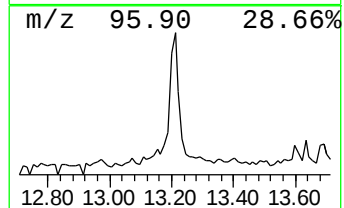
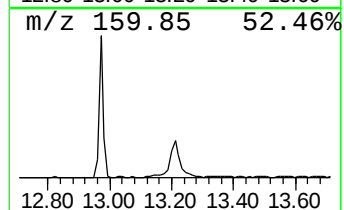
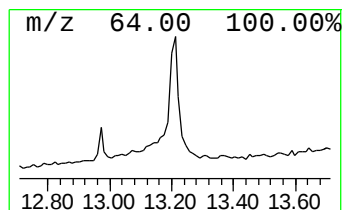
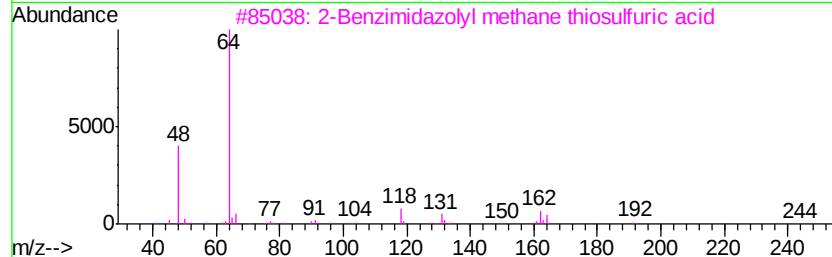
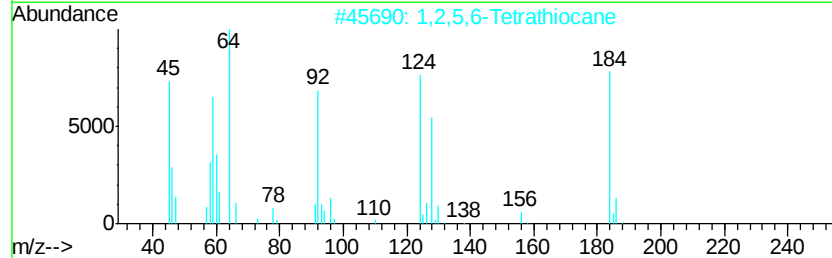
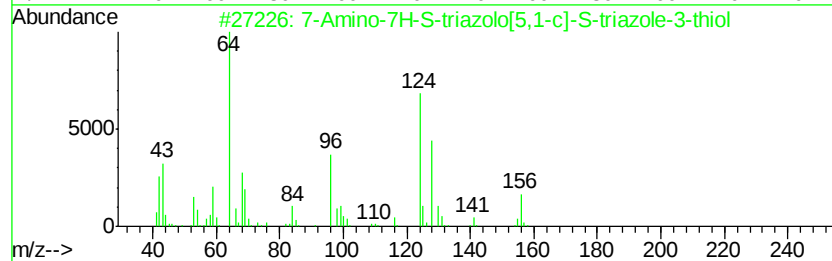
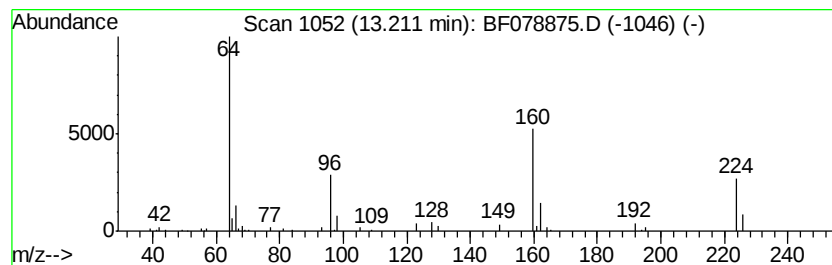
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 7-Amino-7H-S-triazolo[5,1-c... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.53 ng	120028	Phenanthrene-d10	12.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	50
2		1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	45
3		2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	9
4		.alpha.-[9H-Purine-6-thiol-9-yl]...	321	C12H11N5O2S2	019271-00-2	9
5		2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9



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Sample : G2032-03
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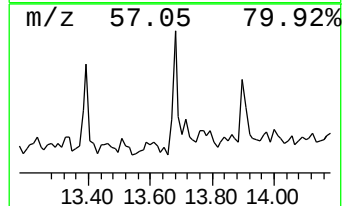
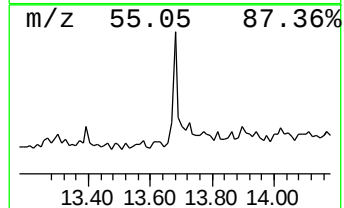
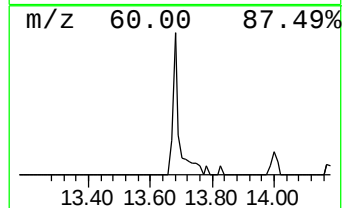
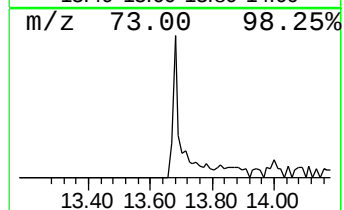
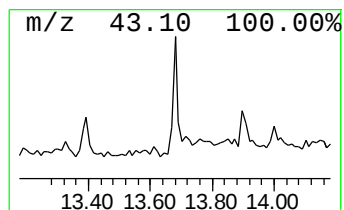
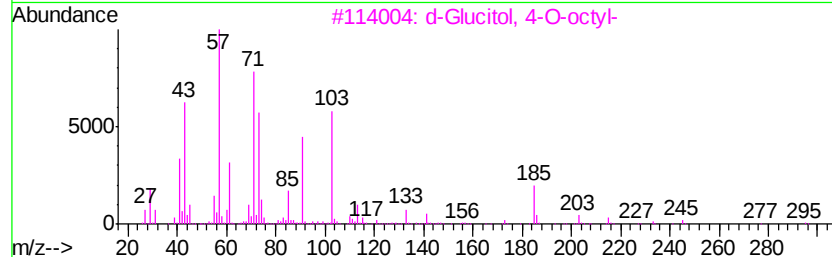
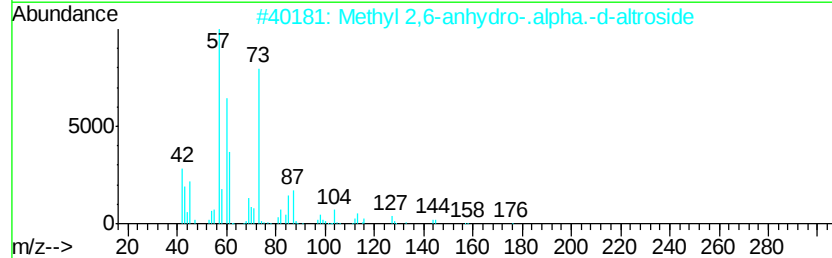
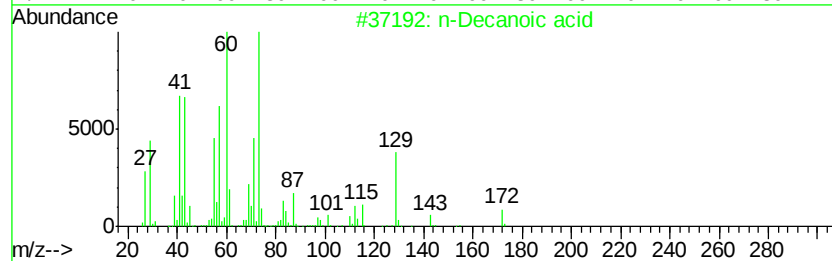
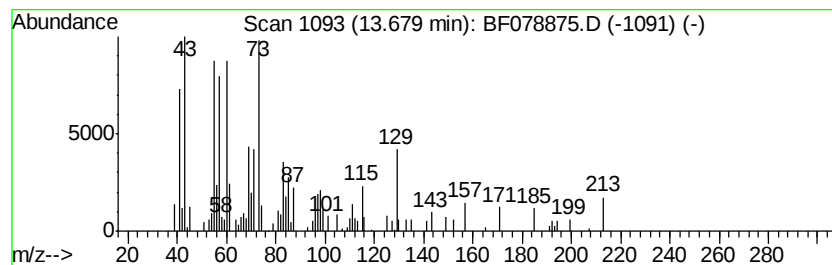
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Decanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.68	2.68 ng	127227	Phenanthrene-d10	12.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	64
2	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	27
3	d-Glucitol, 4-O-octyl-	294	C14H30O6	132696-01-6	14
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	11
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078875.D
Acq On : 1 May 2015 4:27
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Sample : G2032-03
Misc :
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ClientSampleId :
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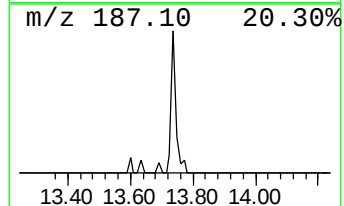
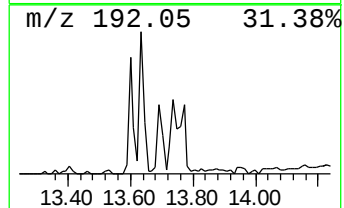
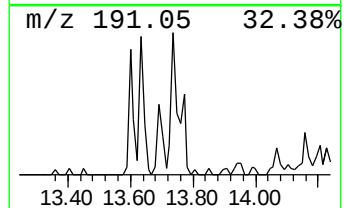
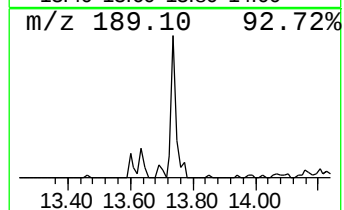
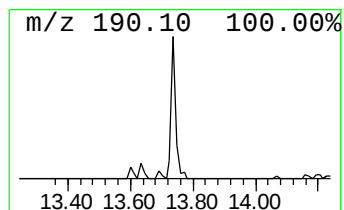
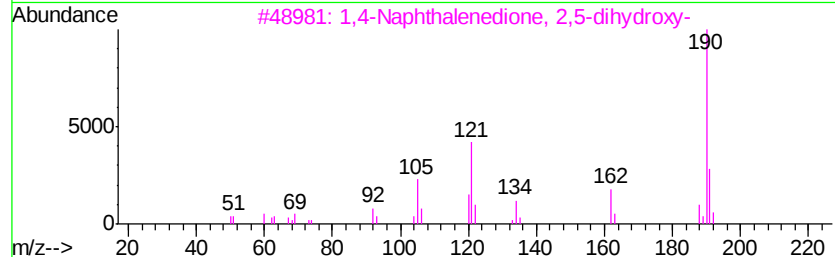
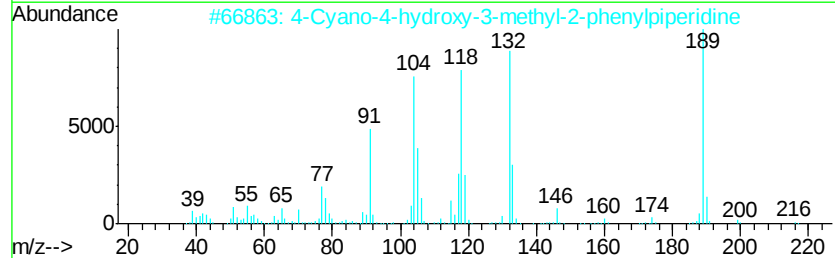
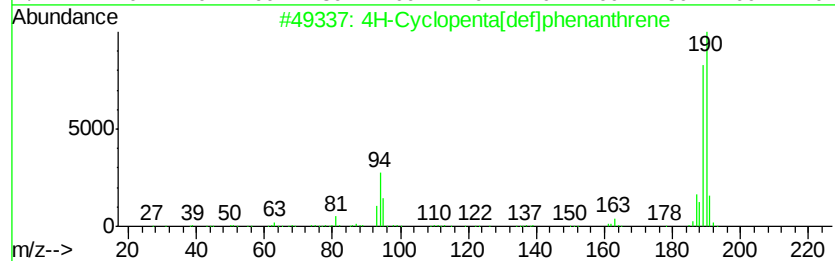
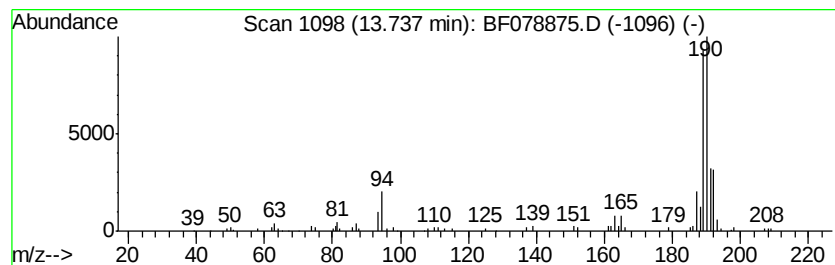
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.02 ng	95661	Phenanthrene-d10	12.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
4		Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
5		4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078875.D
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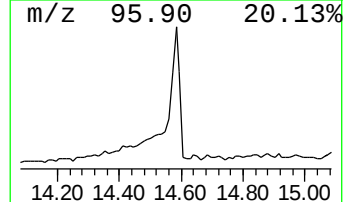
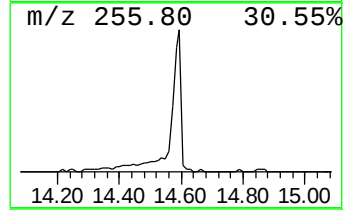
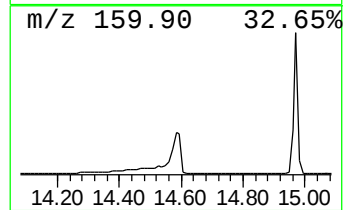
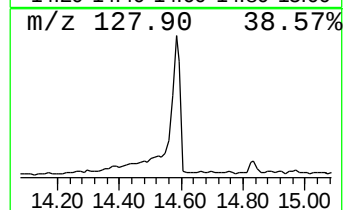
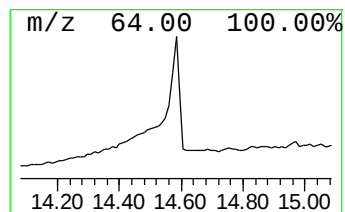
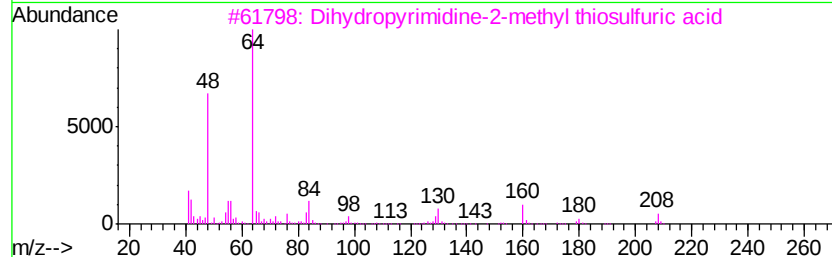
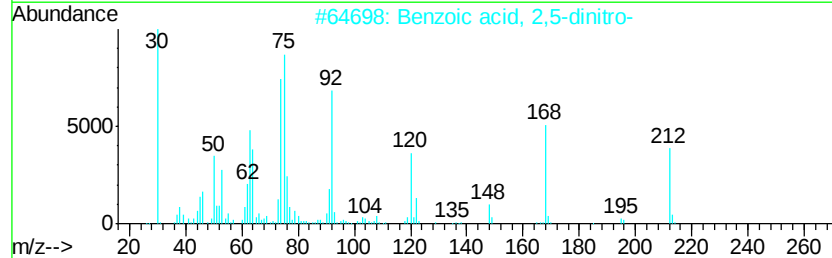
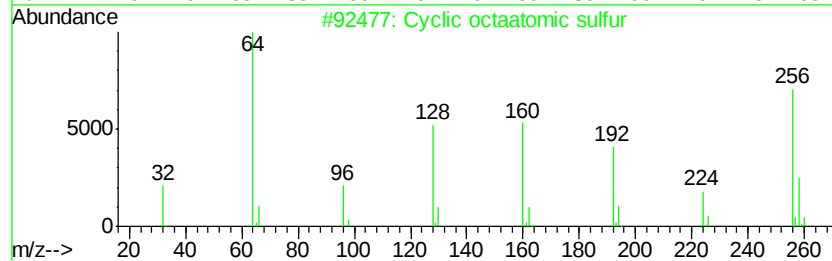
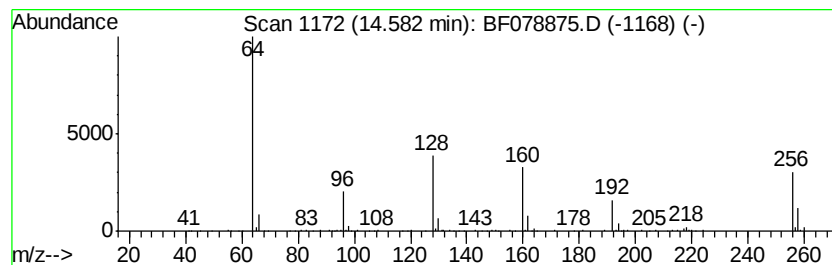
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclic octaatomic sulfur Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	9.71 ng	460875	Phenanthrene-d10	12.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
2		Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	53
3		Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
4		1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	9
5		N,N'-[trans-1,4-Cyclohexylene]-b...	394	C10H22N2O6S4	035871-63-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078875.D
Acq On : 1 May 2015 4:27
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Misc :
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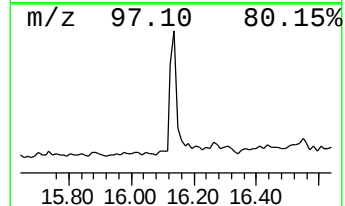
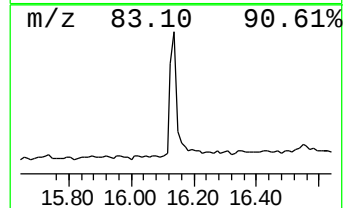
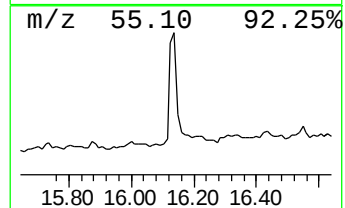
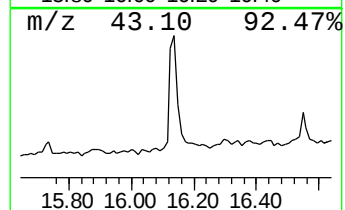
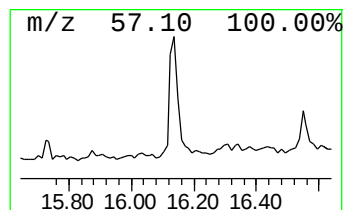
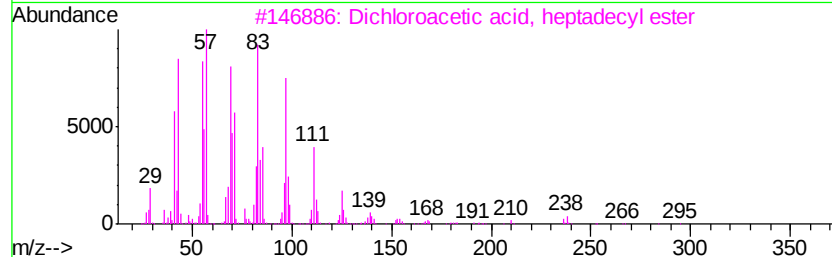
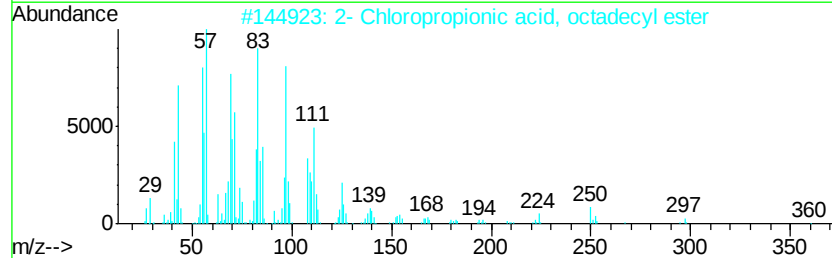
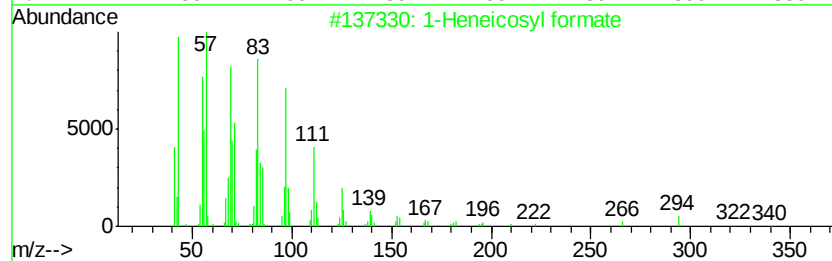
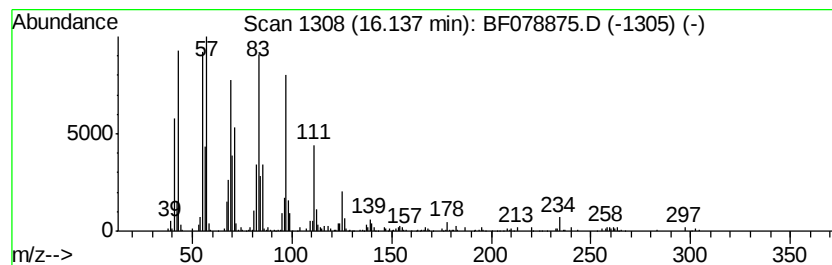
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Heneicosyl formate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.84 ng	452934	Chrysene-d12	16.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
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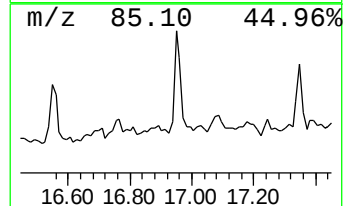
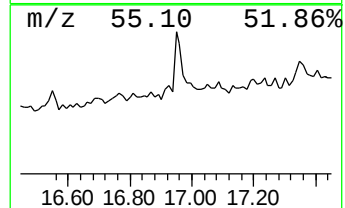
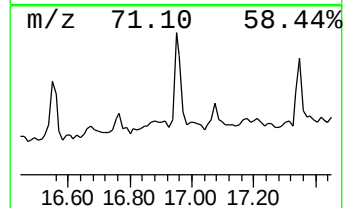
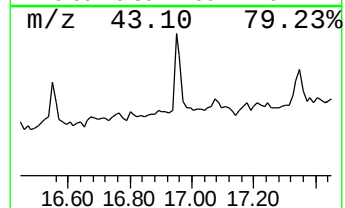
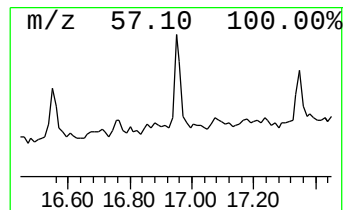
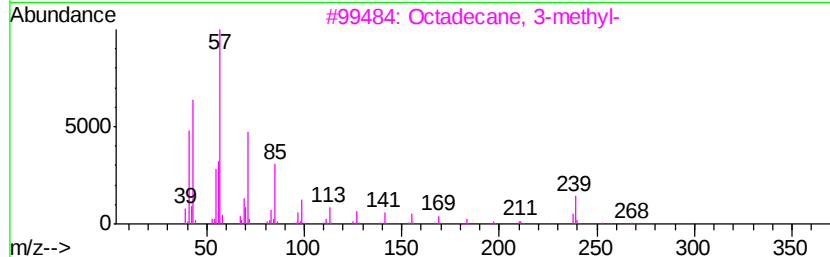
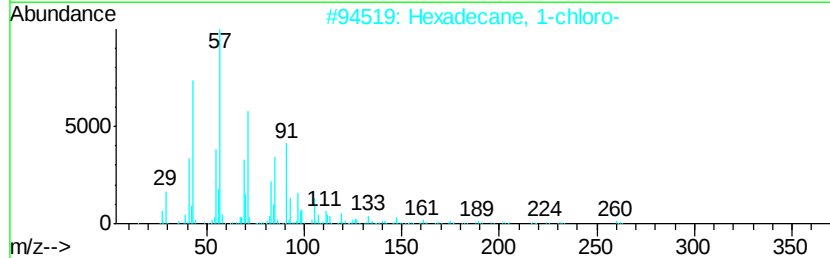
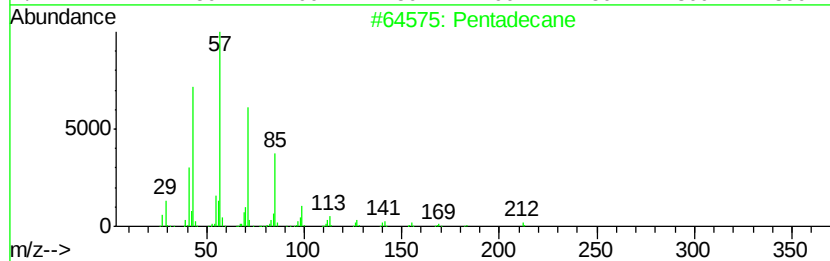
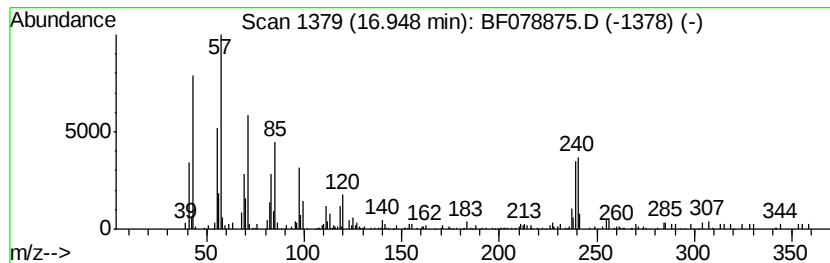
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.65 ng	175155	Chrysene-d12	16.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	83
2	Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1	50
3	Octadecane, 3-methyl-	268 C19H40	006561-44-0	49
4	Tricosane	324 C23H48	000638-67-5	46
5	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	43



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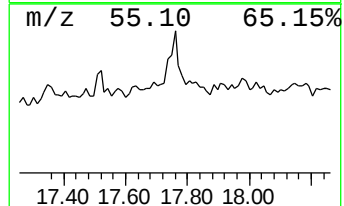
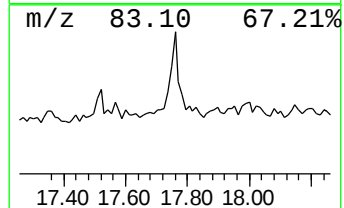
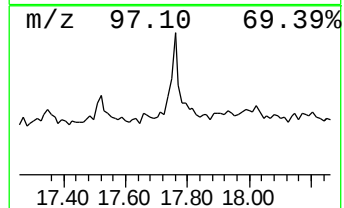
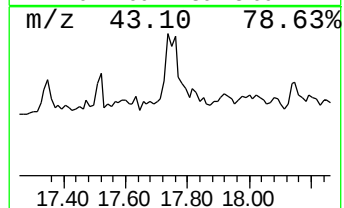
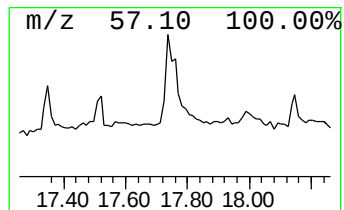
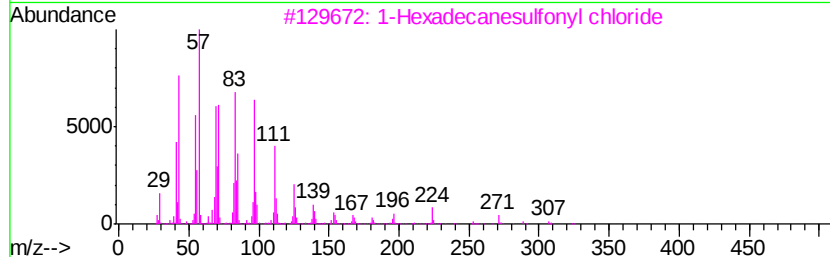
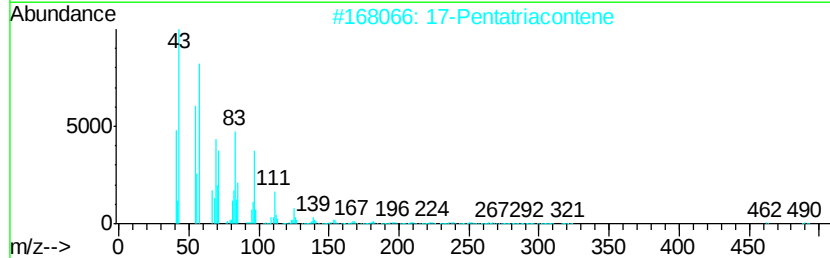
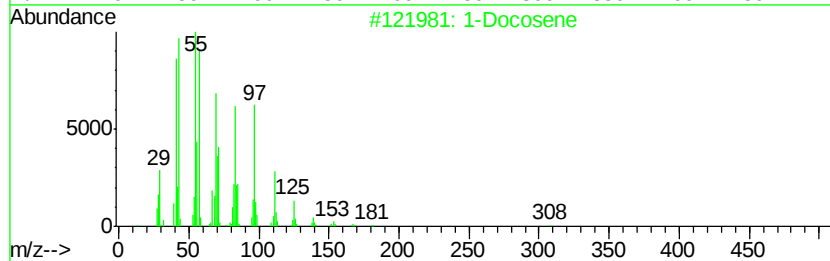
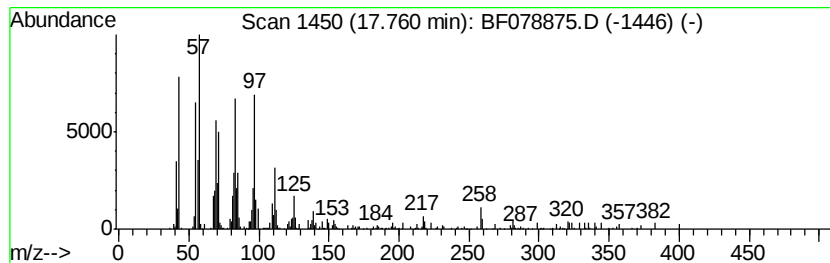
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Docosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.26 ng	243854	Perylene-d12	18.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 90
2	17-Pentatriacontene		491 C35H70	006971-40-0 90
3	1-Hexadecanesulfonyl chloride		324 C16H33ClO2S	038775-38-1 87
4	Pentafluoropropionic acid, octad...		416 C21H37F5O2	1000280-07-7 83
5	1-Hentetracontanol		593 C41H84O	040710-42-7 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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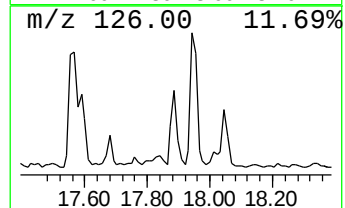
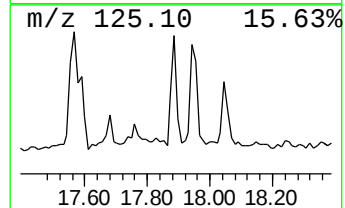
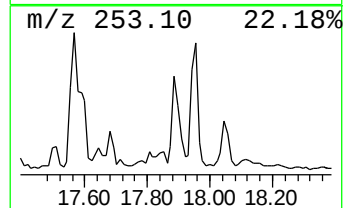
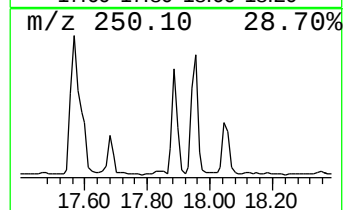
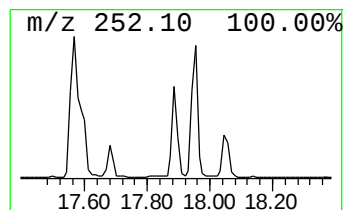
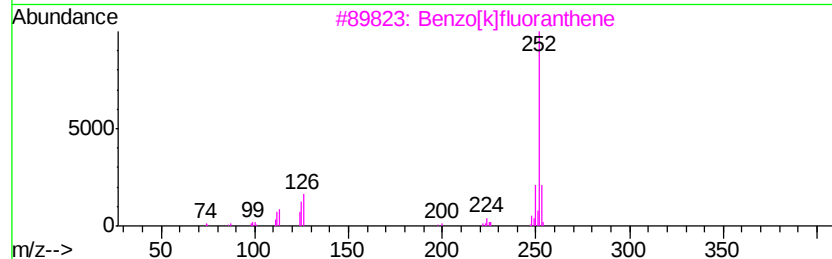
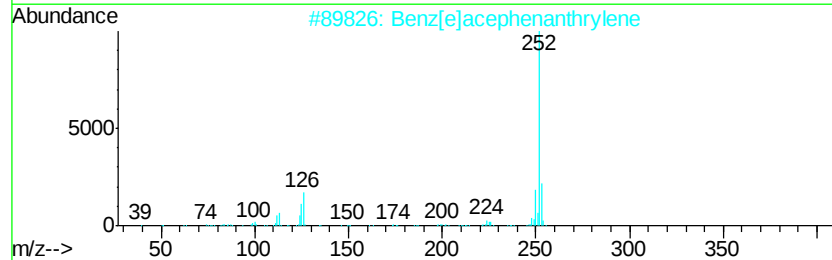
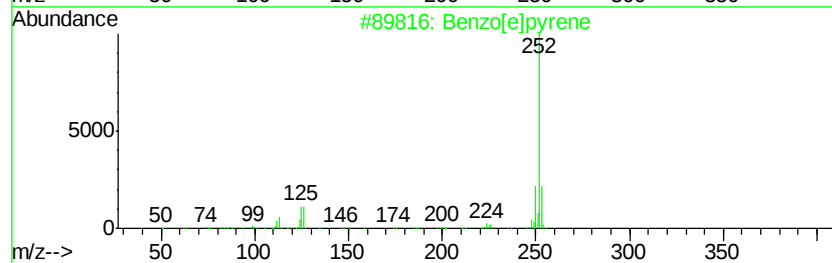
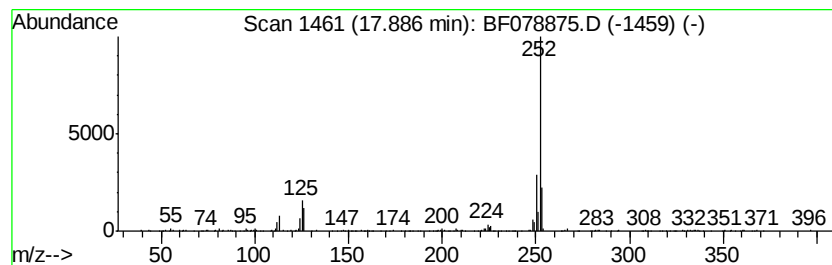
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.69 ng	211076	Perylene-d12	18.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	94
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]bpvrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078875.D
Acq On : 1 May 2015 4:27
Operator : TP/IZ
Sample : G2032-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
unknown1.54	1.54	296.7	ng	8054750	1	7.37	542917	20.0
Butane, 2-methoxy...	1.86	12.7	ng	343621	1	7.37	542917	20.0
2-Pentanone, 4-hy...	5.18	10.7	ng	290798	1	7.37	542917	20.0
unknown7.08	7.08	73.5	ng	1994120	1	7.37	542917	20.0
7-Amino-7H-S-tria...	13.21	2.5	ng	120028	4	12.97	949437	20.0
n-Decanoic acid	13.68	2.7	ng	127227	4	12.97	949437	20.0
4H-Cyclopenta[def...	13.74	2.0	ng	95661	4	12.97	949437	20.0
Cyclic octaatomic...	14.58	9.7	ng	460875	4	12.97	949437	20.0
1-Heneicosyl formate	16.14	6.8	ng	452934	5	16.27	1323570	20.0
Pentadecane	16.95	2.6	ng	175155	5	16.27	1323570	20.0
1-Docosene	17.76	4.3	ng	243854	6	18.02	1144000	20.0
Benzo[e]pyrene	17.89	3.7	ng	211076	6	18.02	1144000	20.0