

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085952.D
 Acq On : 1 Apr 2016 3:04
 Operator : UM/SJ
 Sample : H2046-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

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-BF032416.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	3.590	111	114	116	rVB2	267220	273441	7.79%	0.989%
2	4.984	233	236	247	rBV	91440	179598	5.12%	0.649%
3	5.396	269	272	274	rBV	2430059	3017630	85.98%	10.909%
4	6.436	360	363	365	rBV	2603810	2981713	84.96%	10.779%
5	6.561	371	374	376	rBV	2927866	3205988	91.35%	11.590%
6	6.790	391	394	396	rBV	659692	642064	18.29%	2.321%
7	6.939	405	407	410	rBV	1934285	2409983	68.67%	8.712%
8	7.362	441	444	446	rBV	1851028	2149729	61.25%	7.772%
9	7.464	451	453	459	rVB	43544	61167	1.74%	0.221%
10	8.070	504	506	509	rBV	807487	830847	23.67%	3.004%
11	9.156	598	601	603	rBV	3400194	3509546	100.00%	12.688%
12	9.545	633	635	638	rBV	470001	538828	15.35%	1.948%
13	9.762	652	654	656	rBV	69099	55804	1.59%	0.202%
14	9.830	658	660	662	rVB	920295	887280	25.28%	3.208%
15	10.265	694	698	699	rBV	71003	107195	3.05%	0.388%
16	10.482	713	717	720	rBV	30503	55673	1.59%	0.201%
17	10.619	726	729	731	rBV	2027868	1905478	54.29%	6.889%
18	10.733	737	739	746	rVB	97979	114542	3.26%	0.414%
19	11.179	776	778	779	rBV	65690	53095	1.51%	0.192%
20	11.305	787	789	792	rBV	599716	807572	23.01%	2.919%
21	11.842	834	836	842	rBV2	57091	68060	1.94%	0.246%
22	12.894	925	928	931	rBV	2524245	2323431	66.20%	8.400%
23	13.796	1004	1007	1010	rBV	63750	98739	2.81%	0.357%
24	13.945	1018	1020	1023	rVB	598188	536962	15.30%	1.941%
25	14.779	1090	1093	1097	rBV	53144	68390	1.95%	0.247%
26	15.362	1141	1144	1152	rBV	427216	545135	15.53%	1.971%
27	18.163	1386	1389	1397	rVB3	15735	53847	1.53%	0.195%
28	18.734	1436	1439	1440	rBV2	101181	91665	2.61%	0.331%
29	19.008	1462	1463	1465	rBV2	94129	87915	2.51%	0.318%

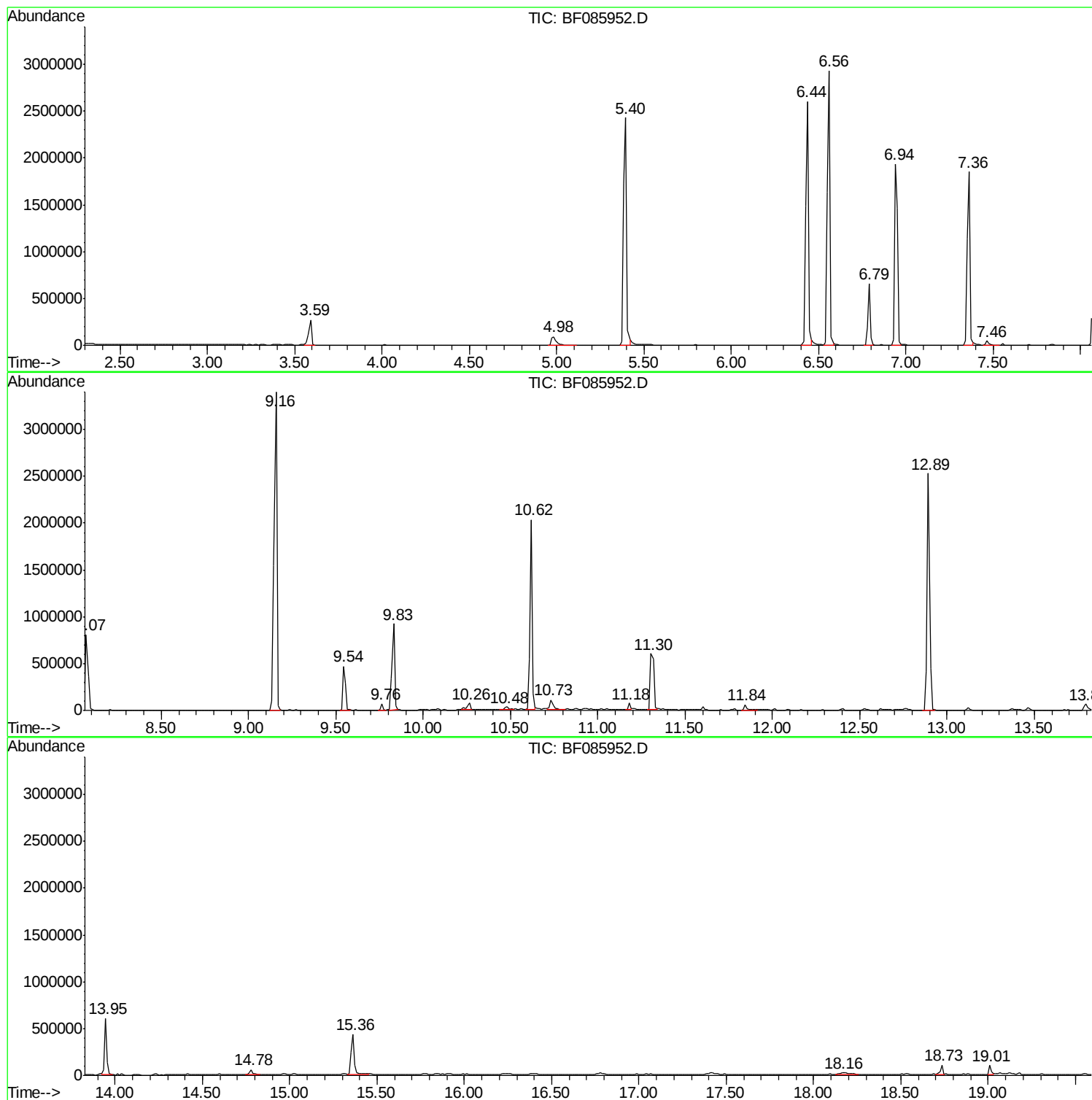
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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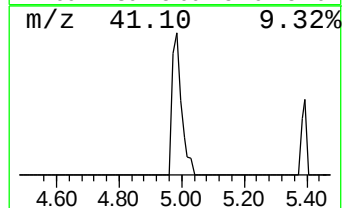
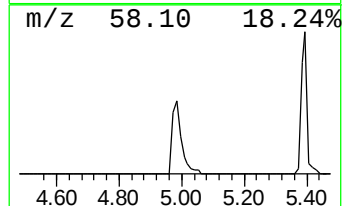
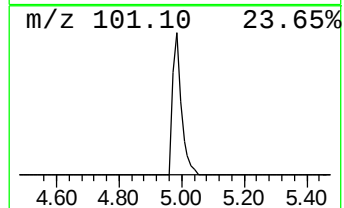
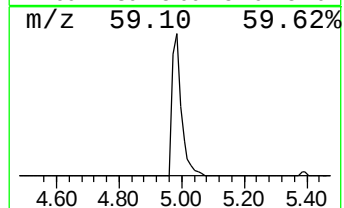
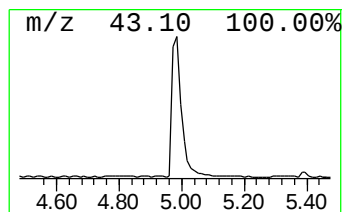
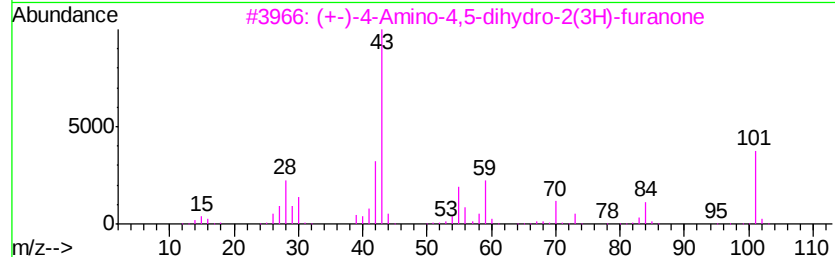
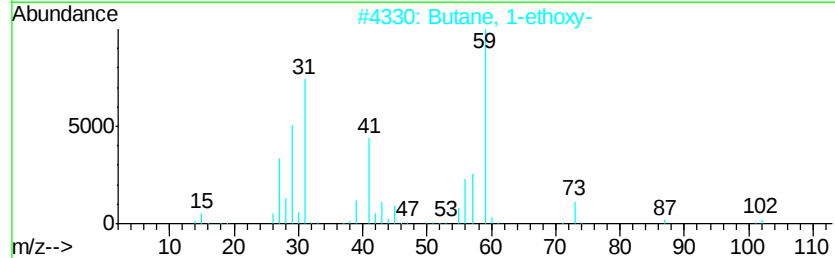
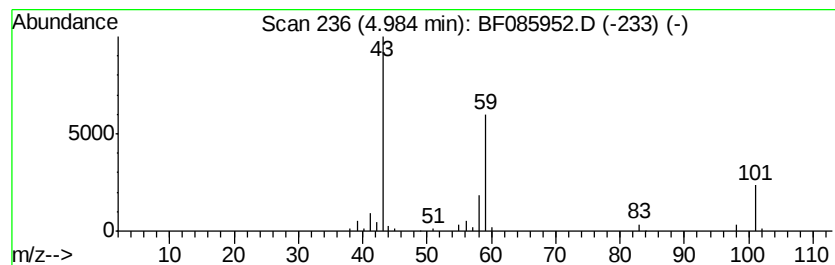
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	5.59 ng	179598	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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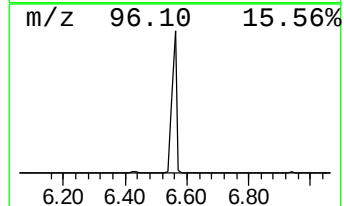
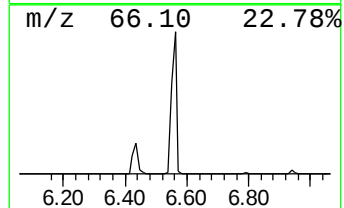
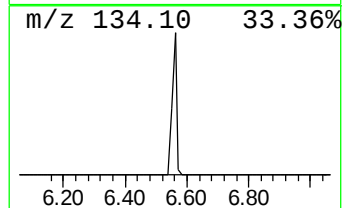
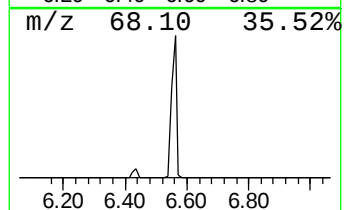
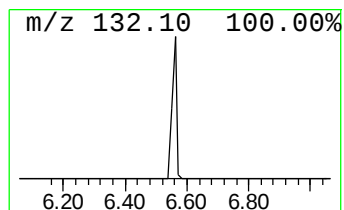
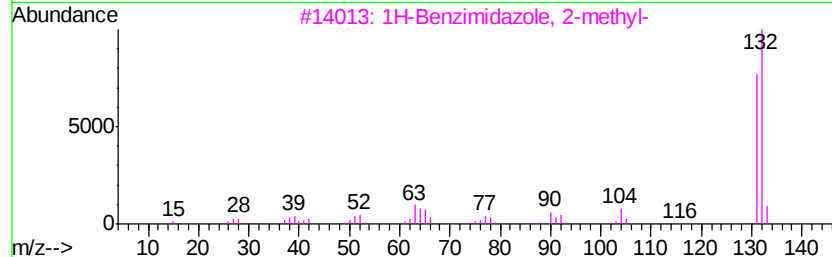
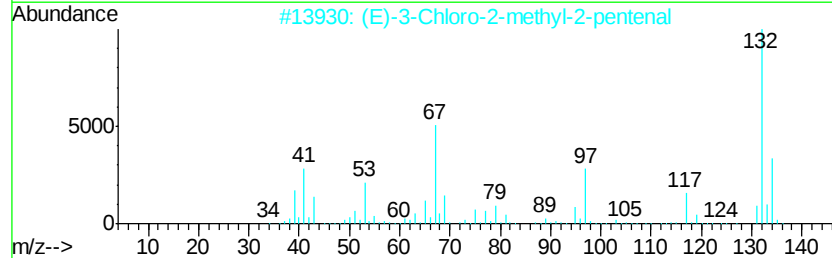
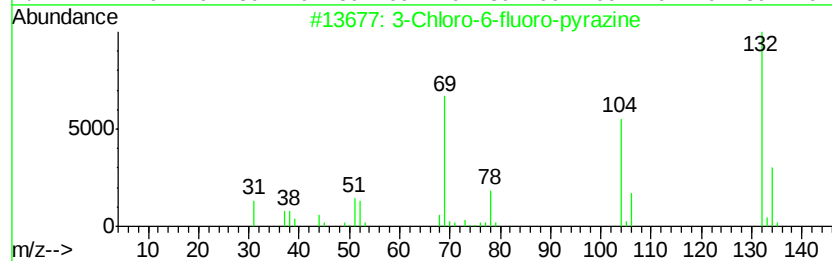
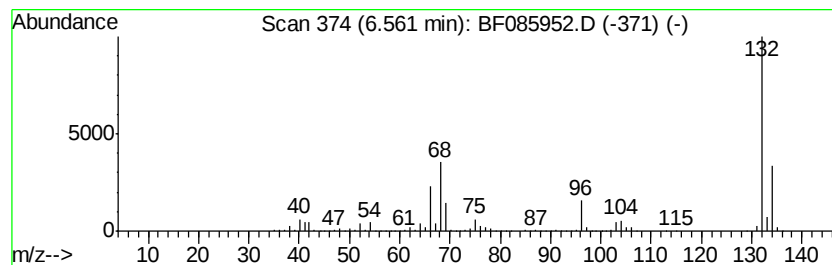
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Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	99.87 ng	3205990	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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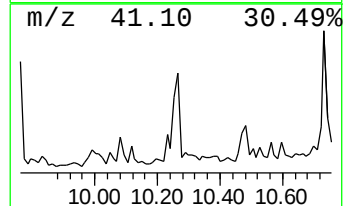
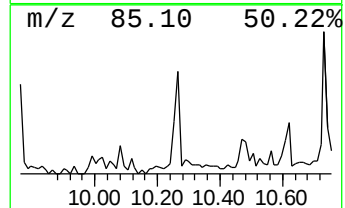
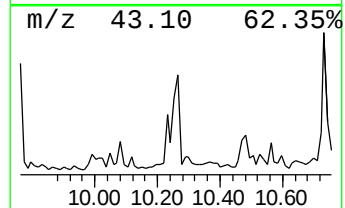
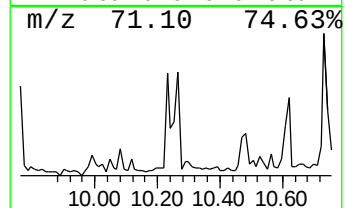
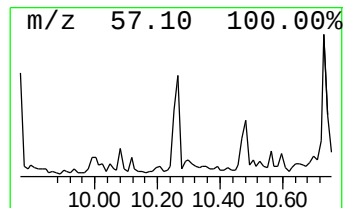
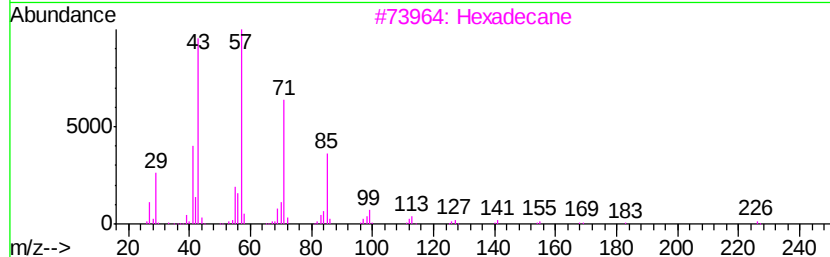
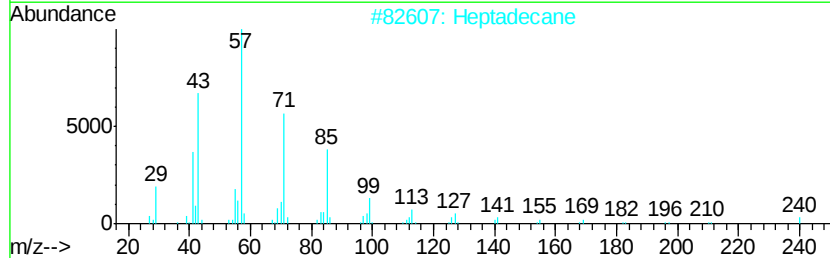
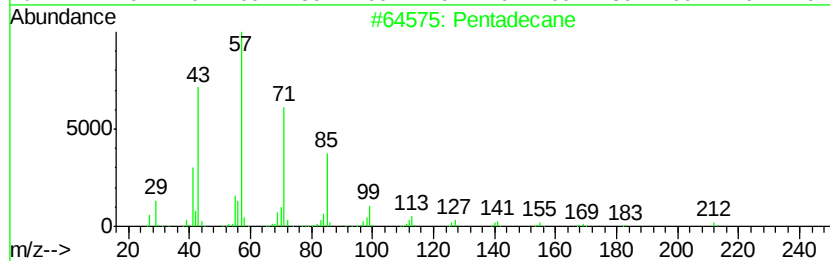
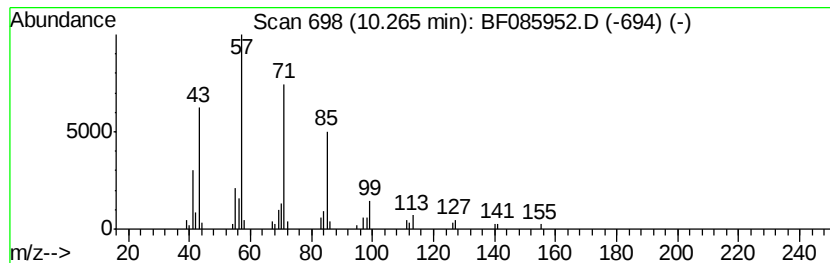
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Peak Number 5 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.42 ng	107195	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86



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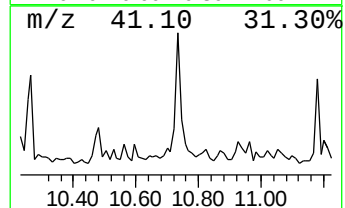
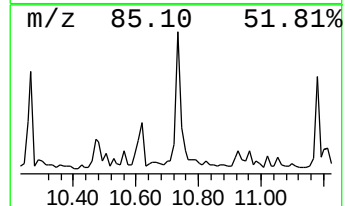
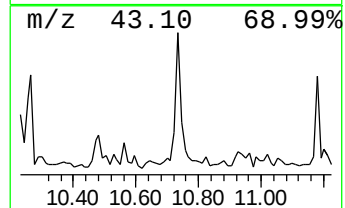
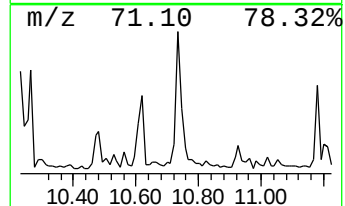
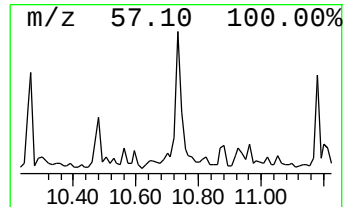
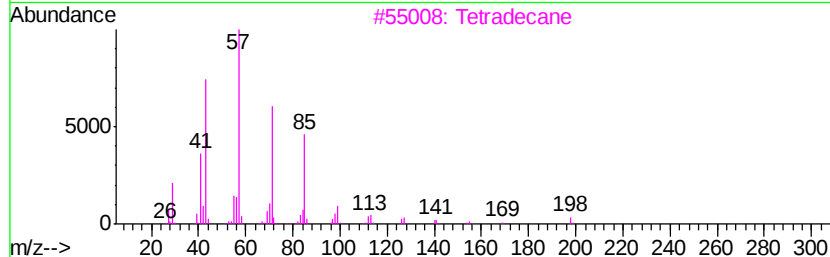
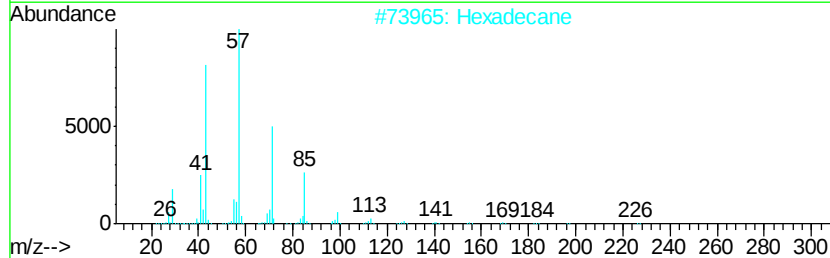
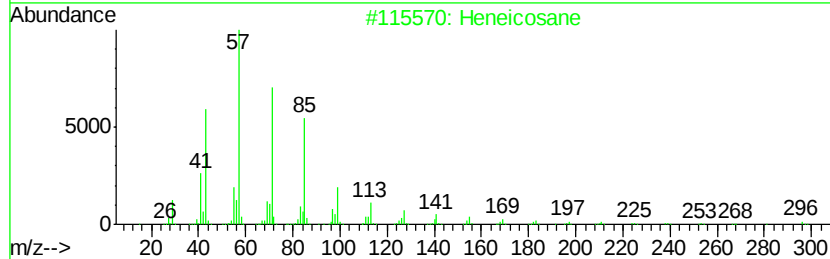
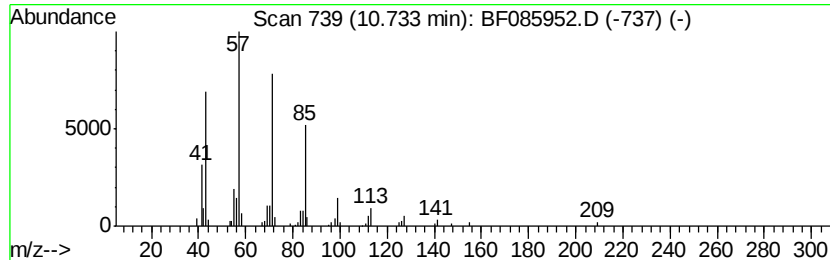
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Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.84 ng	114542	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Pentadecane		212	C15H32	000629-62-9	80



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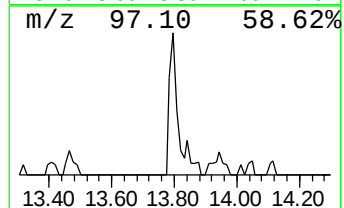
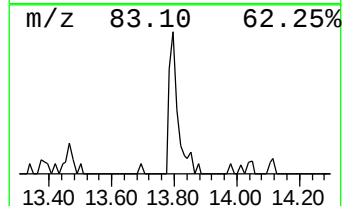
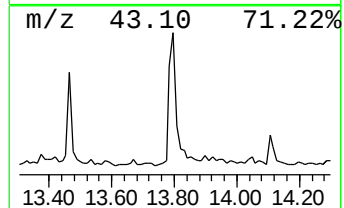
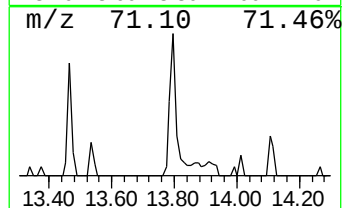
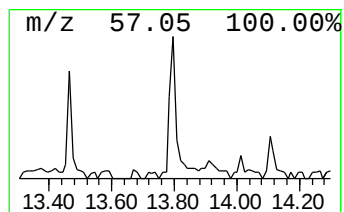
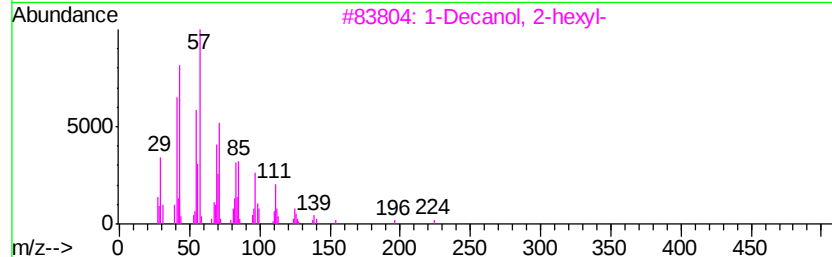
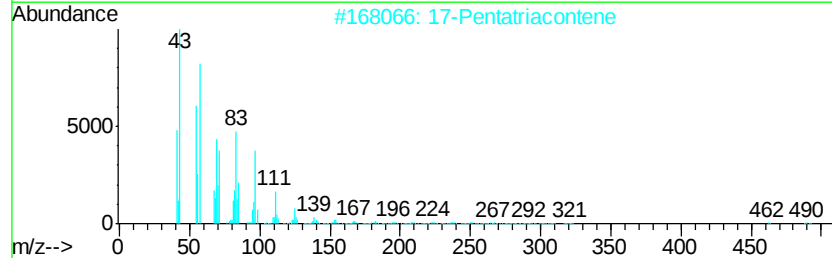
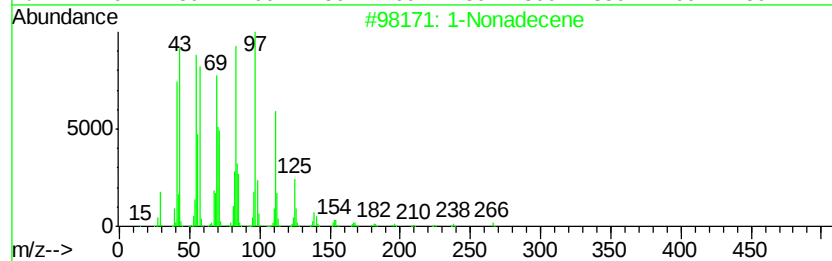
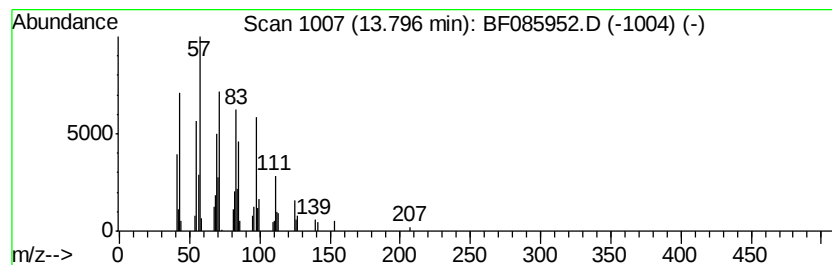
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Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.68 ng	98739	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	70
2	17-Pentatriacontene		491	C35H70	006971-40-0	68
3	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	64
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	64
5	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	64



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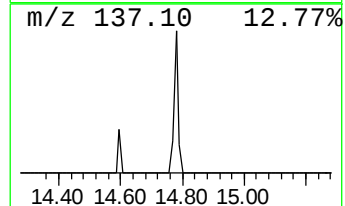
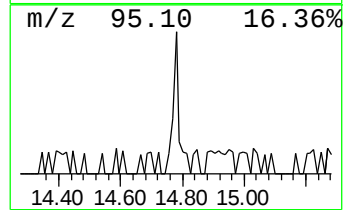
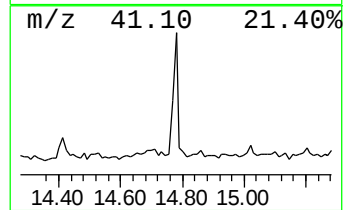
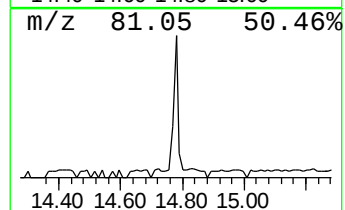
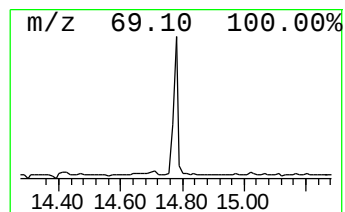
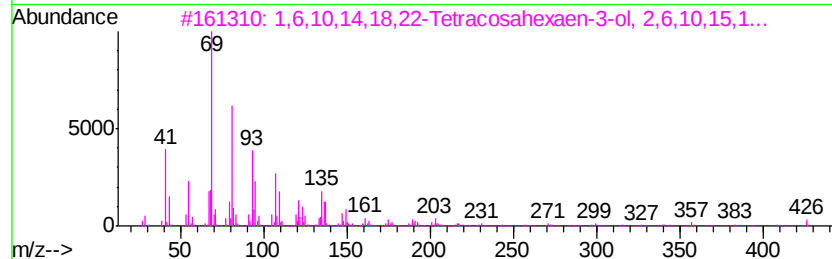
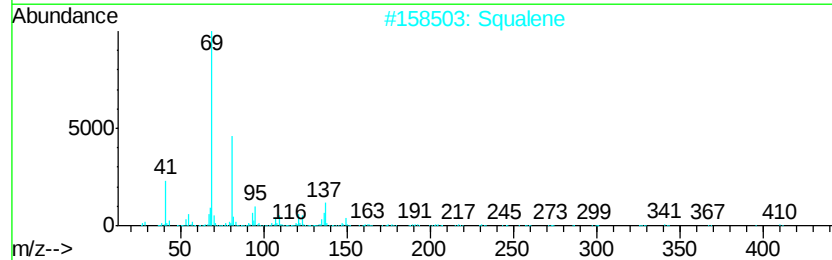
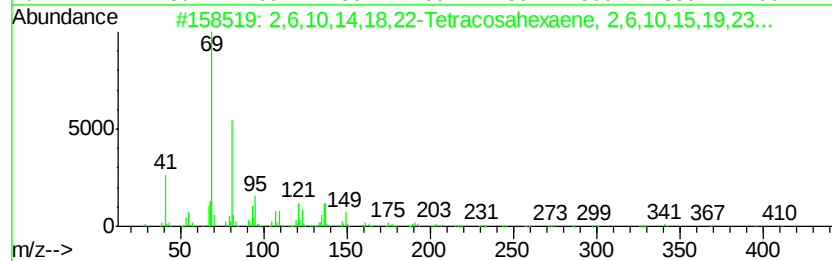
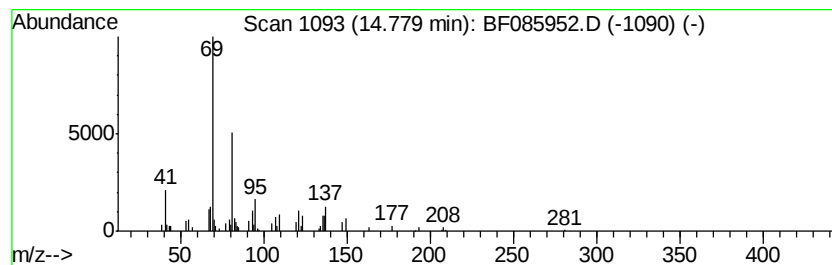
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.51 ng	68390	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90		
2	Squalene	410	C30H50	007683-64-9	86		
3	1,6,10,14,18,22-Tetracosahexaen...	426	C30H500	054159-46-5	64		
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H240	125529-10-4	64		
5	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H2802	036237-69-1	64		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085952.D
Acq On : 1 Apr 2016 3:04
Operator : UM/SJ
Sample : H2046-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-35(0.5-15.0COMP)

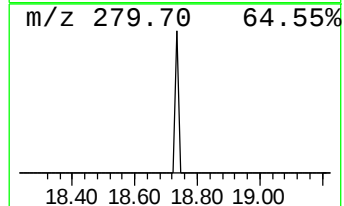
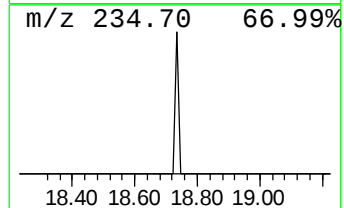
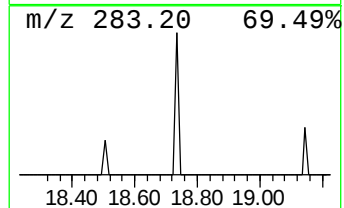
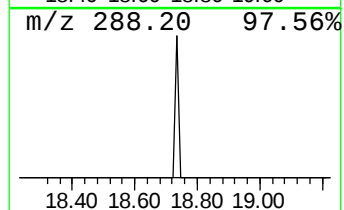
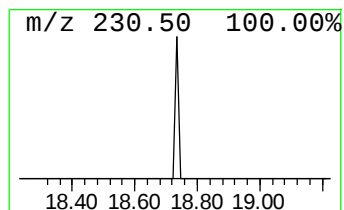
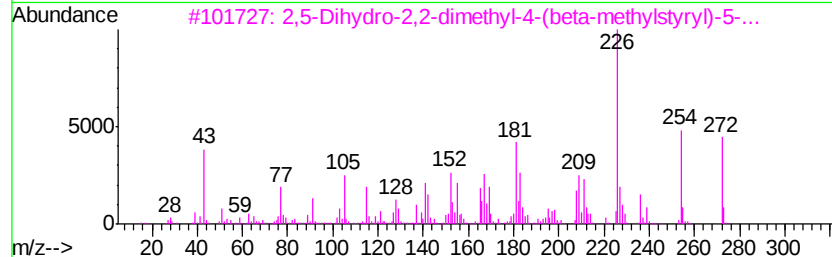
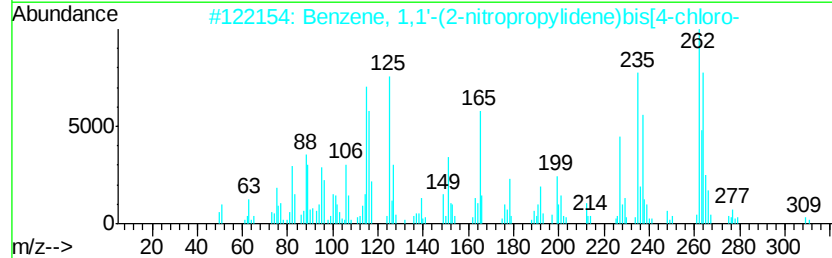
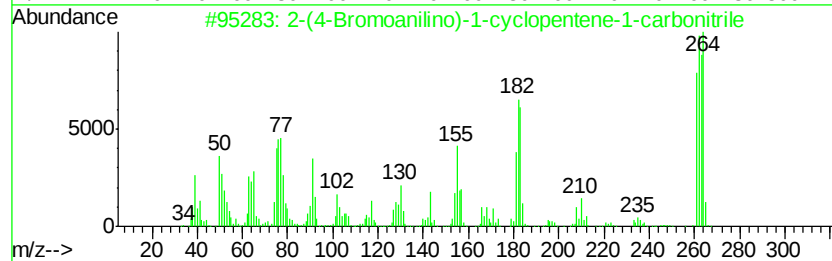
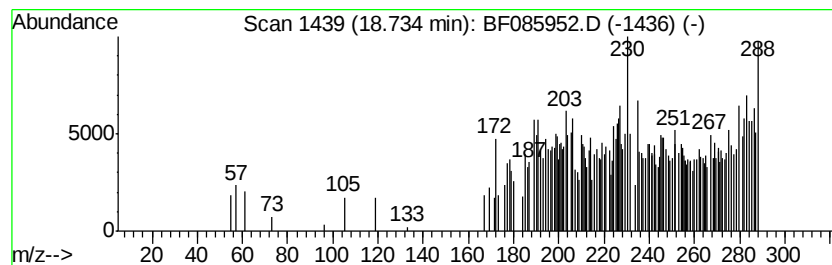
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.36 ng	91665	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4-Bromoanilino)-1-cyclopenten...	262	C12H11BrN2	191980-05-9	25
2		Benzene, 1,1'-(2-nitropropyliden...	309	C15H13Cl2N02	000117-27-1	15
3		2,5-Dihydro-2,2-dimethyl-4-(beta...	272	C16H16O4	1000242-64-7	10
4		2-Methyl-6-propyl-2H-1-oxa-4,6-p...	272	C15H16N2O3	306320-46-7	10
5		Ethanethioic acid, S-tetradecyl ...	272	C16H32OS	090031-26-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085952.D
Acq On : 1 Apr 2016 3:04
Operator : UM/SJ
Sample : H2046-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-35(0.5-15.0COMP)

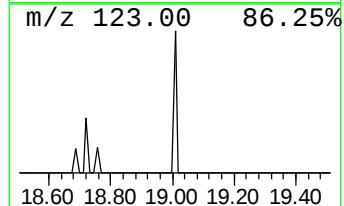
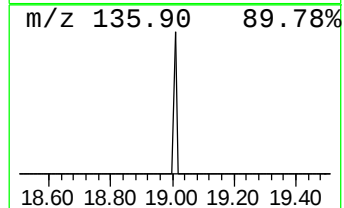
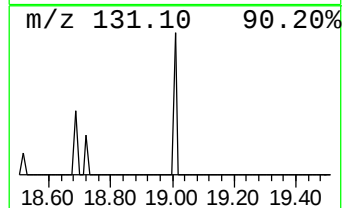
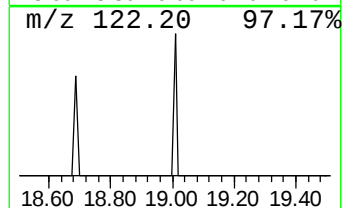
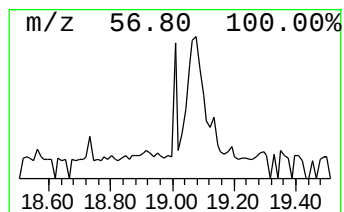
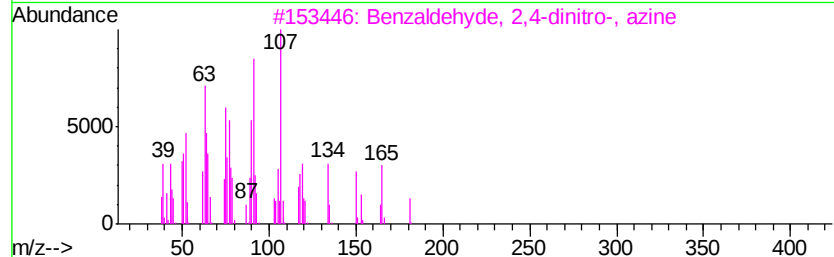
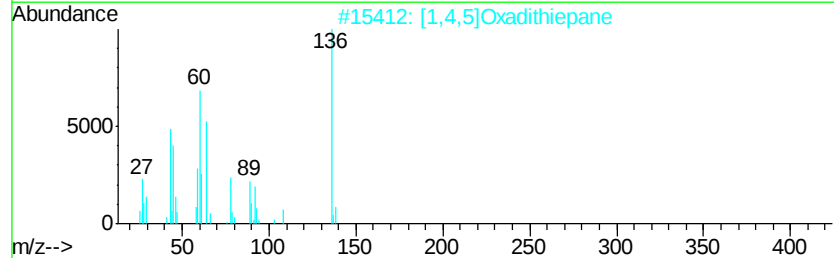
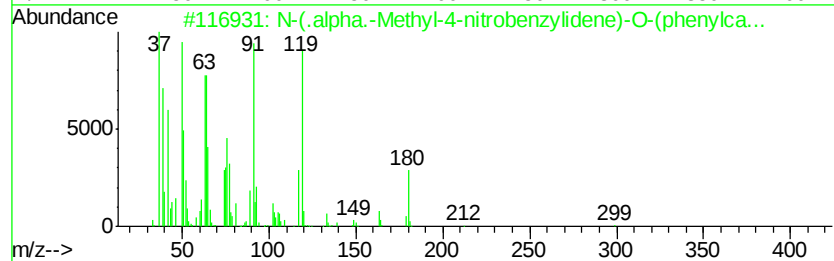
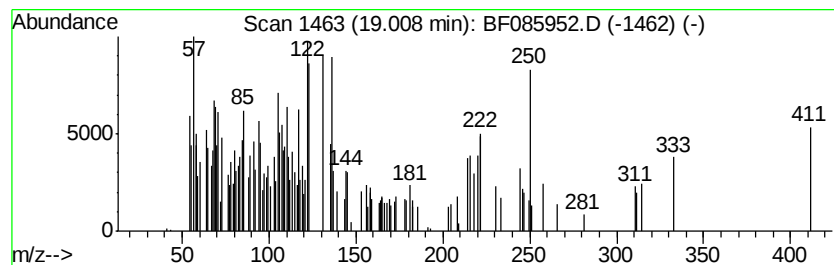
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown19.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.23 ng	87915	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(.alpha.-Methyl-4-nitrobenzylidene)-O-(phenylca...	299	C15H13N3O4	1000223-36-2	25
2		[1,4,5]Oxadithiepane	136	C4H8OS2	003886-40-6	12
3		Benzaldehyde, 2,4-dinitro-, azine	388	C14H8N6O8	022014-28-4	10
4		Benzenesulfonamide, 4-(2-hydroxy...	321	C13H11N3O5S	303214-10-0	10
5		Bis(trifluoromethyl)tetrasulfane	266	C2F6S4	000372-07-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085952.D
Acq On : 1 Apr 2016 3:04
Operator : UM/SJ
Sample : H2046-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-35(0.5-15.0COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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...	4.98	5.6	ng	179598	1	6.79	642064	20.0
unknown6.56	6.56	99.9	ng	3205990	1	6.79	642064	20.0
Pentadecane	10.26	2.4	ng	107195	3	9.83	887280	20.0
Heneicosane	10.73	2.8	ng	114542	4	11.32	807572	20.0
1-Nonadecene	13.80	3.7	ng	98739	5	13.95	536962	20.0
2,6,10,14,18,22-T...	14.78	2.5	ng	68390	6	15.36	545135	20.0
unknown18.73	18.73	3.4	ng	91665	6	15.36	545135	20.0
unknown19.01	19.01	3.2	ng	87915	6	15.36	545135	20.0