

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081751.D
 Acq On : 22 Sep 2015 21:52
 Operator : UM/IZ
 Sample : G3747-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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	1.224	10	12	15	rVB	850179	1159919	26.48%	6.276%
2	1.304	17	19	29	rVB3	23004	55557	1.27%	0.301%
3	1.430	29	30	36	rBV	218667	572854	13.08%	3.100%
4	1.521	36	38	78	rVB	1219172	4380783	100.00%	23.704%
5	4.424	288	292	314	rVV	242372	728864	16.64%	3.944%
6	5.304	366	369	391	rBV	595641	1254104	28.63%	6.786%
7	7.579	565	568	572	rBV	633459	1275296	29.11%	6.901%
8	7.659	572	575	589	rVB	778311	1399339	31.94%	7.572%
9	8.139	614	617	623	rVB	134366	239862	5.48%	1.298%
10	8.459	641	645	655	rBB	564546	947937	21.64%	5.129%
11	9.442	727	731	744	rBV	461483	854207	19.50%	4.622%
12	11.031	867	870	873	rBV	184567	298060	6.80%	1.613%
13	12.311	977	982	988	rBV2	19801	47451	1.08%	0.257%
14	13.682	1097	1102	1105	rBV	789753	1356032	30.95%	7.337%
15	13.740	1105	1107	1118	rVB	36645	87071	1.99%	0.471%
16	14.734	1191	1194	1199	rVV	151054	240999	5.50%	1.304%
17	14.848	1200	1204	1207	rVV2	39087	72769	1.66%	0.394%
18	15.157	1228	1231	1237	rBV	168728	302296	6.90%	1.636%
19	17.066	1394	1398	1404	rBV2	419740	849074	19.38%	4.594%
20	17.728	1450	1456	1462	rBV	46298	123856	2.83%	0.670%
21	18.666	1535	1538	1542	rBV	171946	283609	6.47%	1.535%
22	18.849	1551	1554	1563	rVB	19731	50295	1.15%	0.272%
23	19.626	1616	1622	1626	rBV	43452	77367	1.77%	0.419%
24	20.437	1689	1693	1699	rBV	44326	101600	2.32%	0.550%
25	21.386	1773	1776	1782	rBV2	119801	177942	4.06%	0.963%
26	22.049	1831	1834	1837	rBV	878087	1006708	22.98%	5.447%
27	23.295	1940	1943	1944	rBV	99839	114282	2.61%	0.618%
28	23.329	1944	1946	1952	rVB	210997	245103	5.59%	1.326%
29	24.769	2070	2072	2075	rBV	174021	177694	4.06%	0.961%

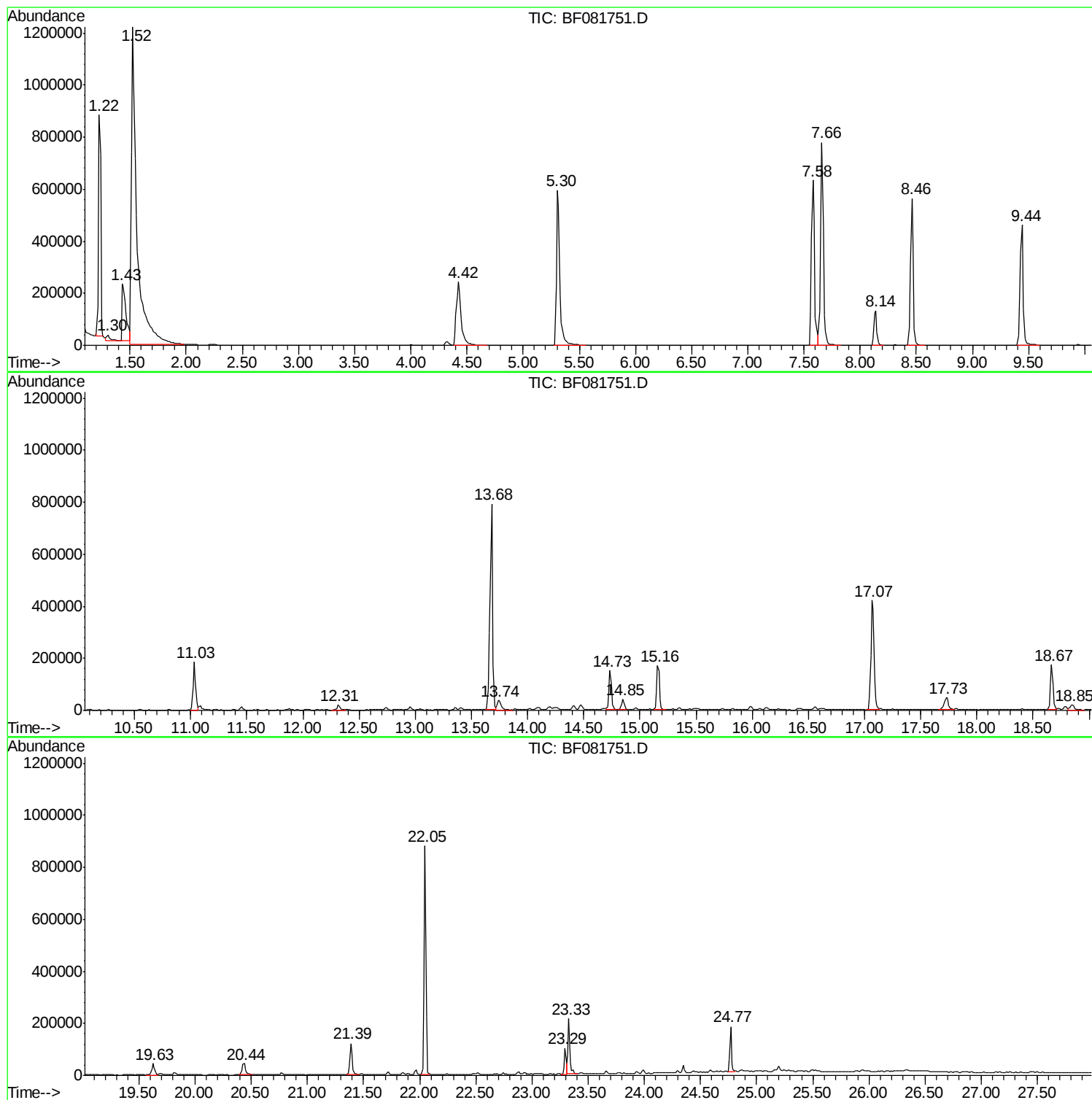
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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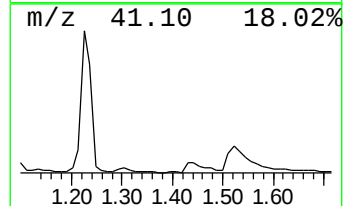
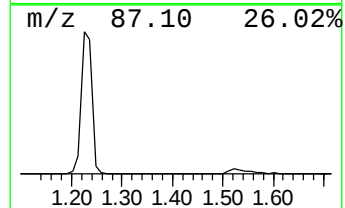
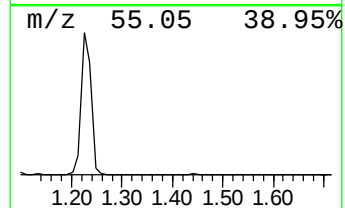
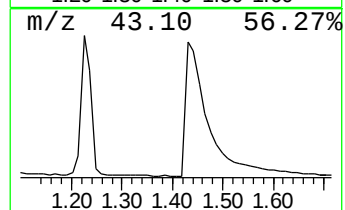
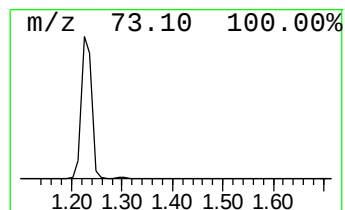
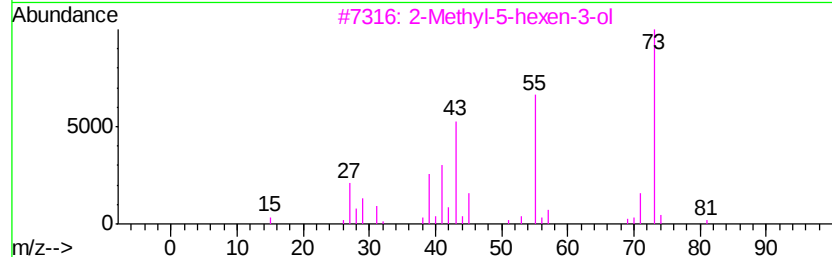
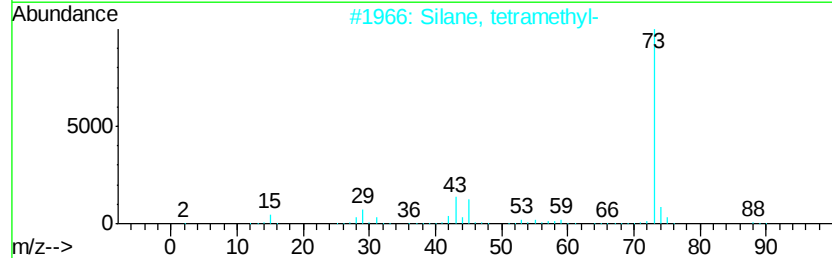
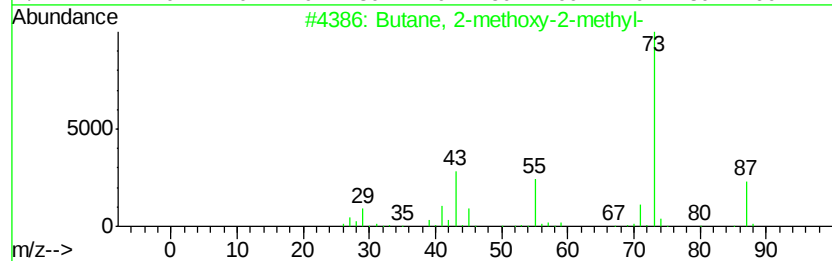
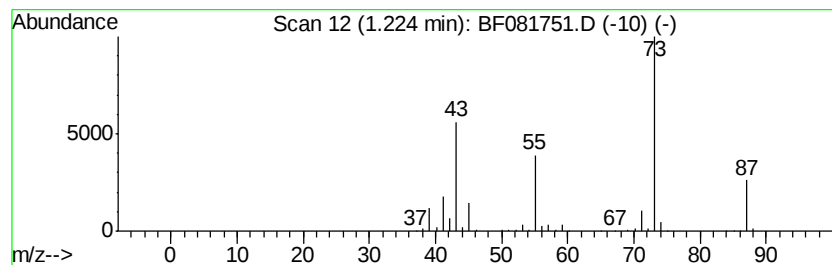
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	96.72 ng	1159920	1,4-Dichlorobenzene-d4	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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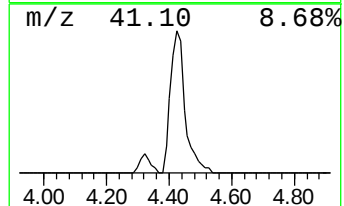
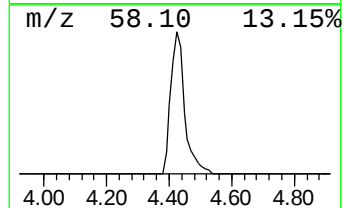
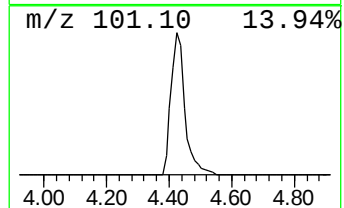
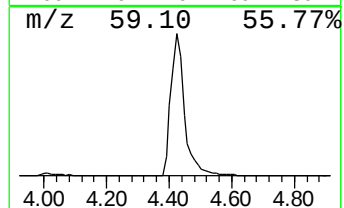
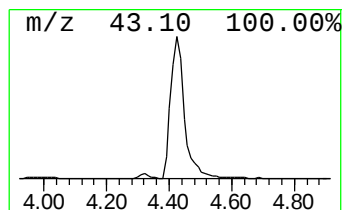
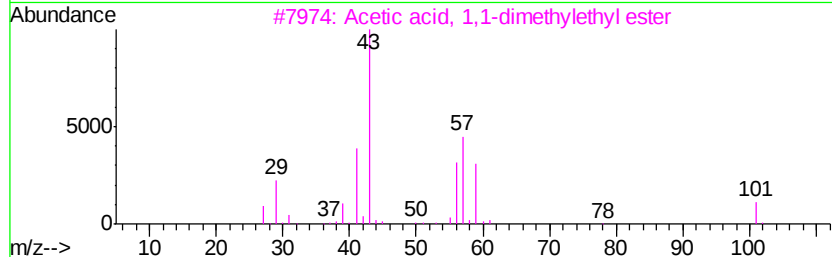
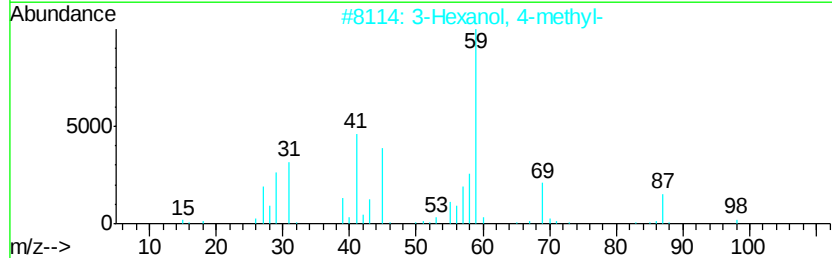
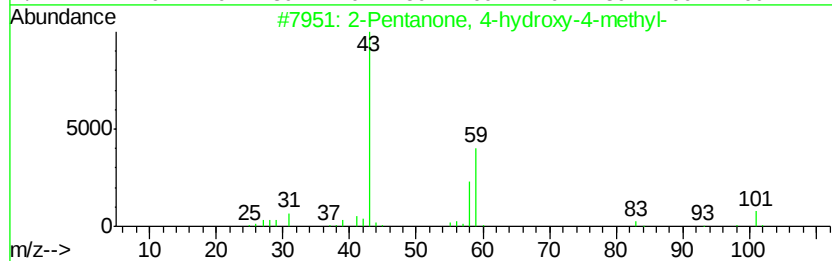
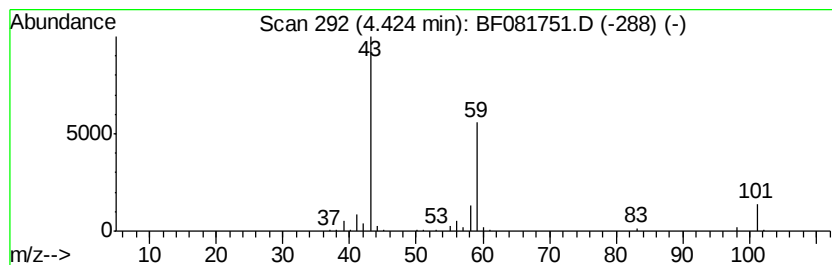
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	60.77 ng	728864	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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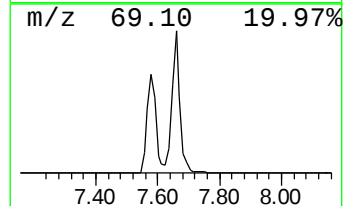
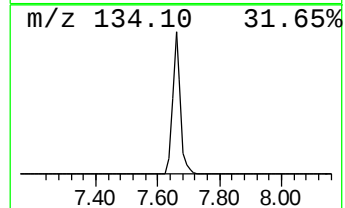
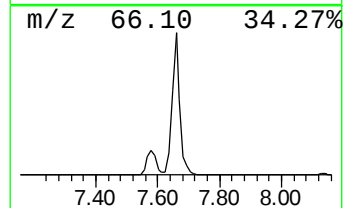
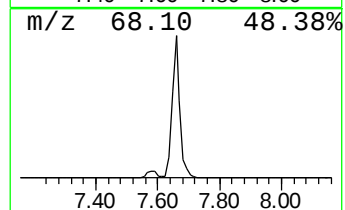
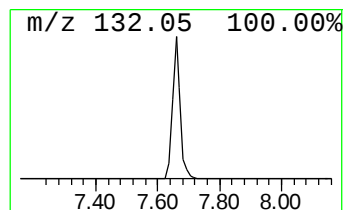
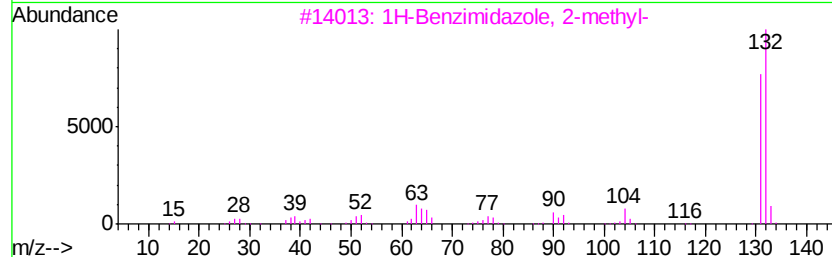
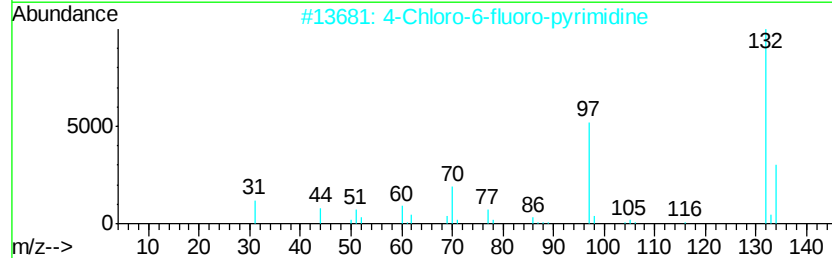
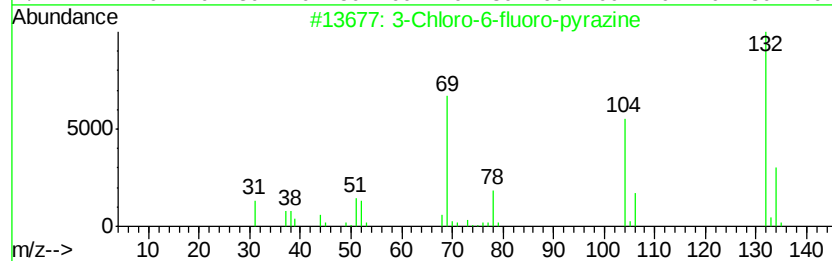
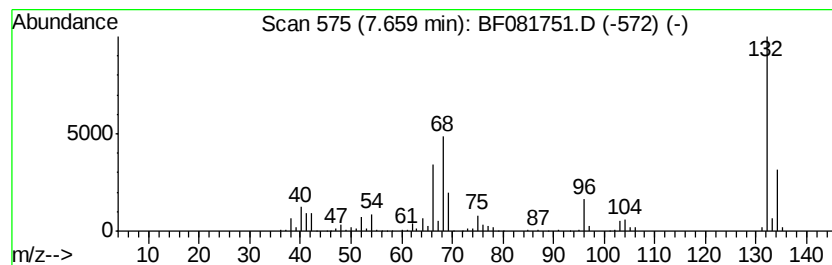
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Peak Number 6 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	116.68 ng	1399340	1,4-Dichlorobenzene-d4	8.14

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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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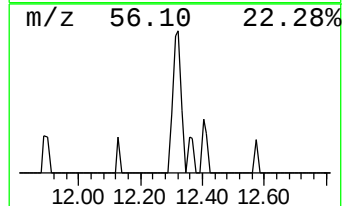
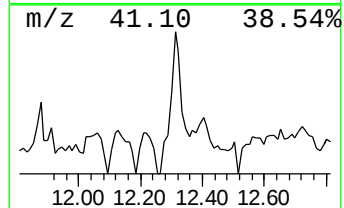
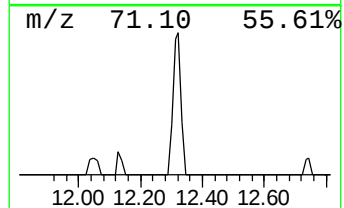
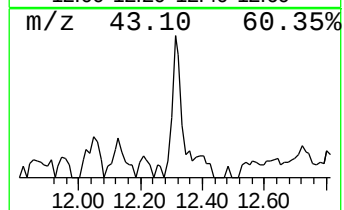
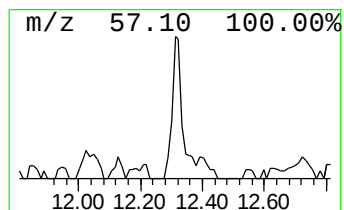
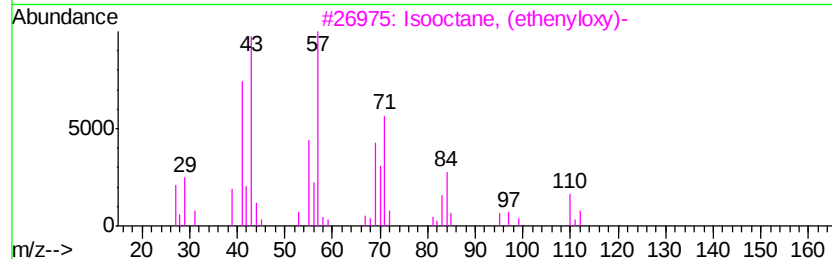
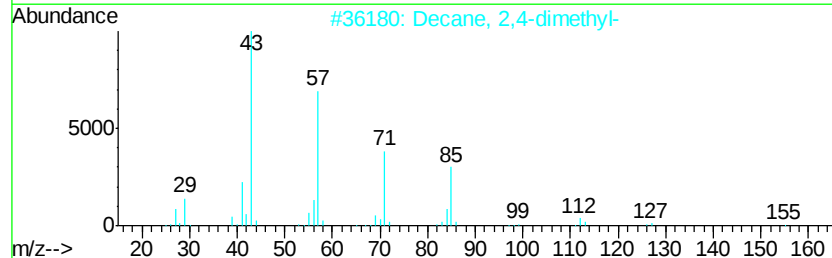
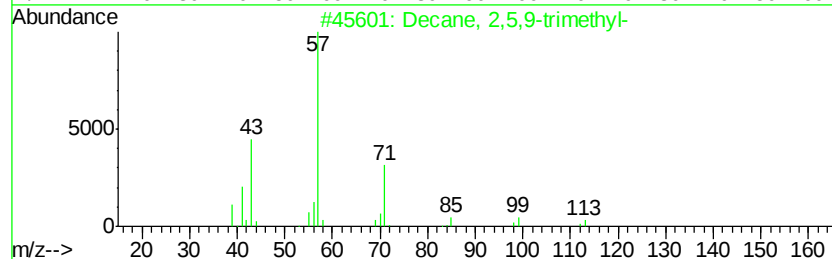
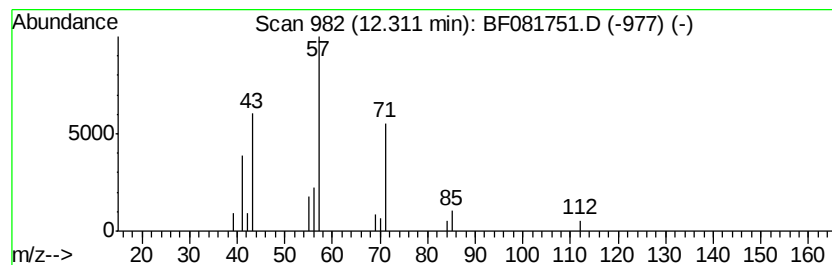
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Peak Number 8 Decane, 2,5,9-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.18 ng	47451	Naphthalene-d8	11.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59	
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	39	
3	Isooctane, (ethenvloxy)-	156	C10H20O	037769-62-3	39	
4	Hexadecane	226	C16H34	000544-76-3	36	
5	Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	36	



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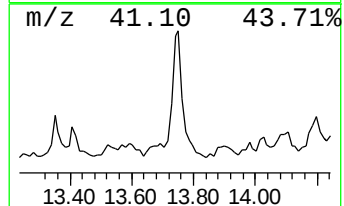
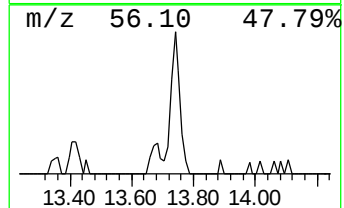
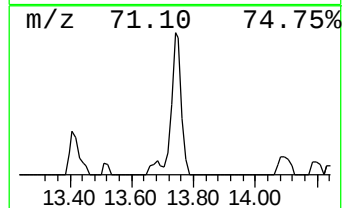
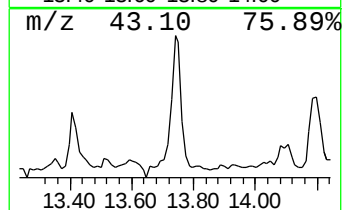
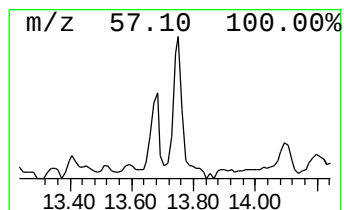
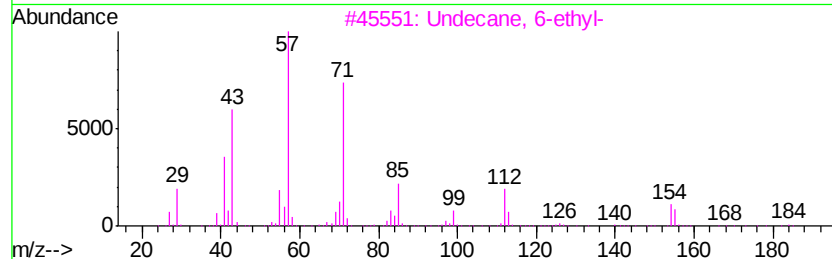
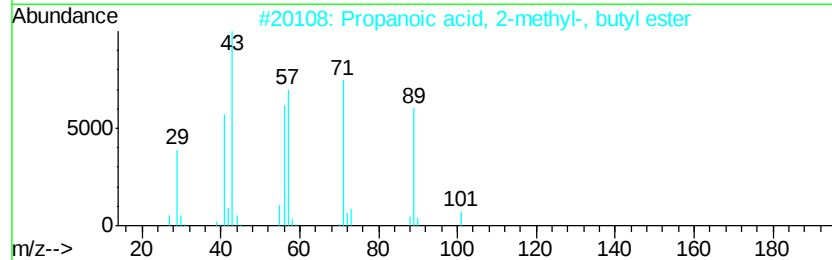
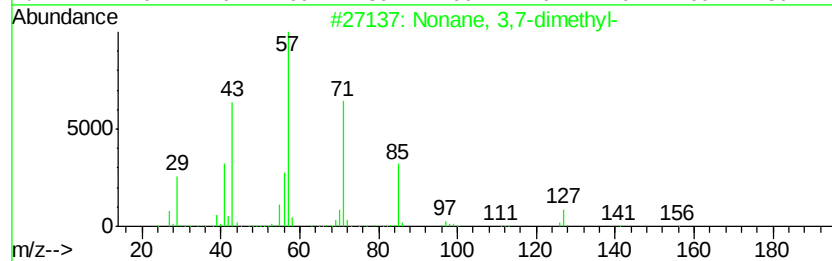
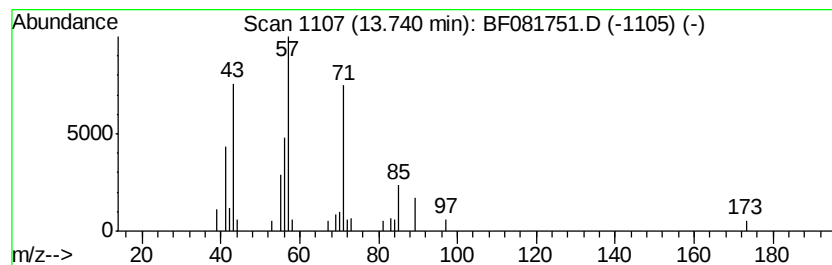
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 Nonane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.76 ng	87071	Acenaphthene-d10	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	59
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Decane, 2-methyl-	156	C11H24	006975-98-0	53



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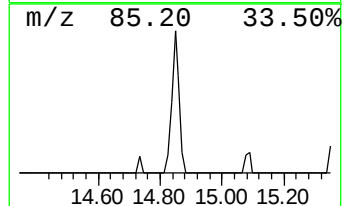
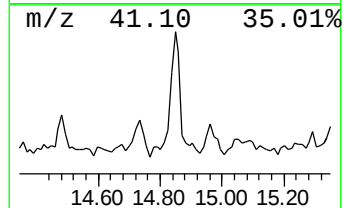
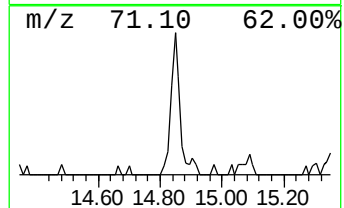
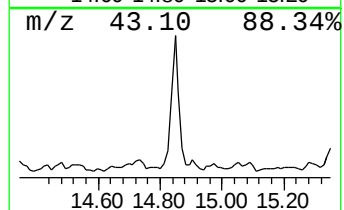
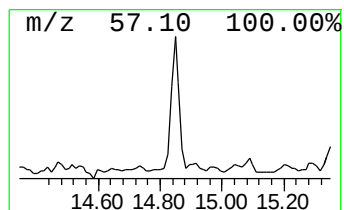
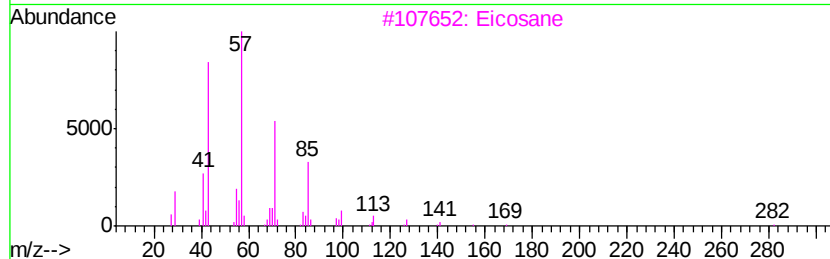
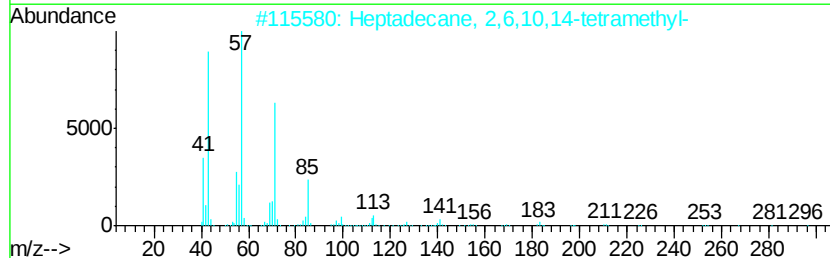
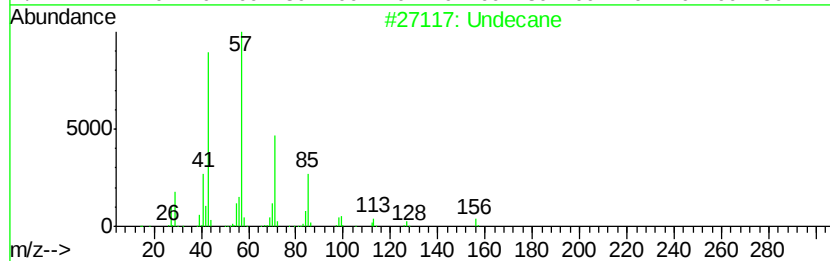
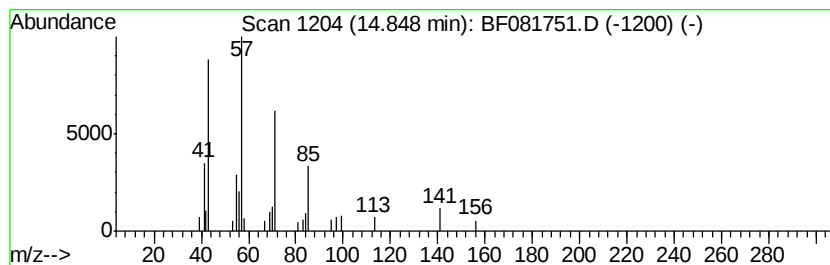
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.81 ng	72769	Acenaphthene-d10	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	90
2	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	72
3	Eicosane			282	C20H42	000112-95-8	72
4	Hexadecane			226	C16H34	000544-76-3	72
5	1-Iodo-2-methylundecane			296	C12H25I	073105-67-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

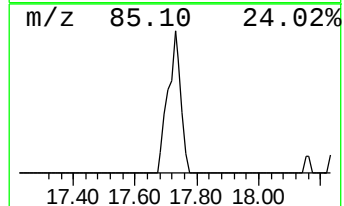
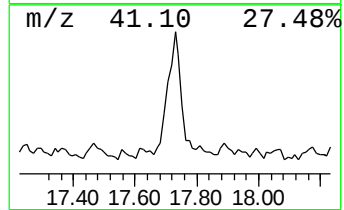
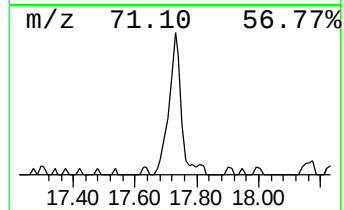
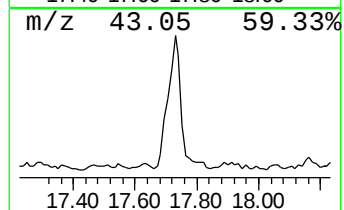
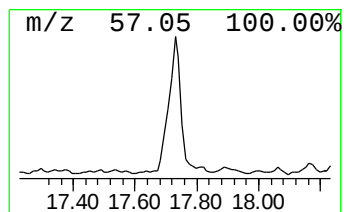
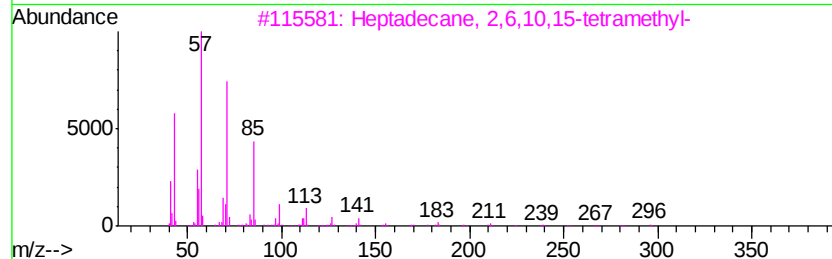
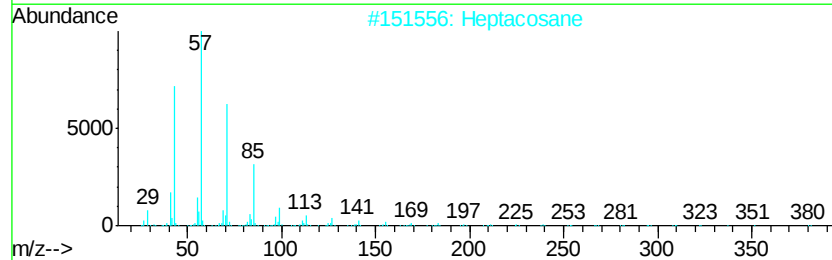
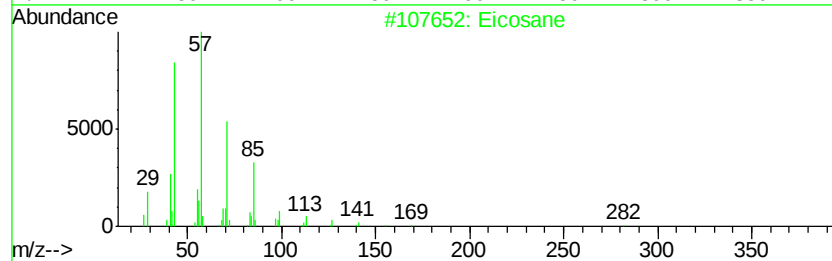
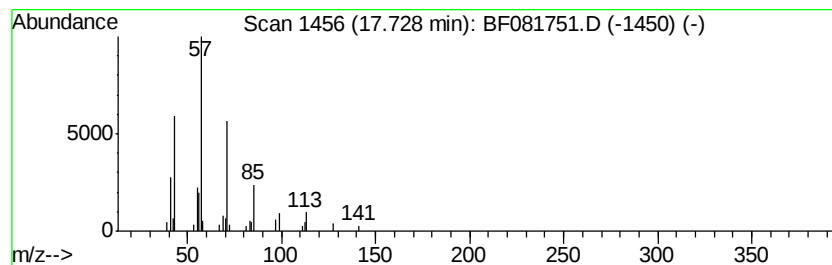
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	8.73 ng	123856	Phenanthrene-d10	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tetracosane	338	C24H50	000646-31-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
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Misc :
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Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

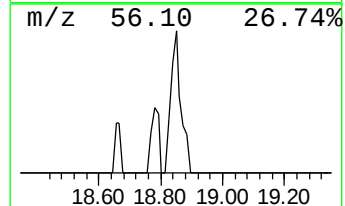
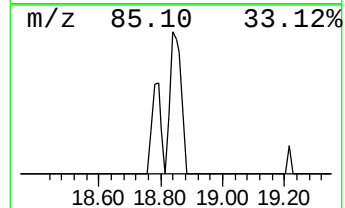
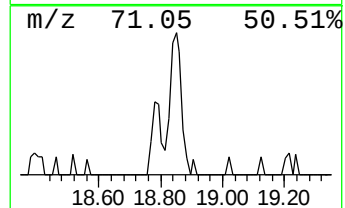
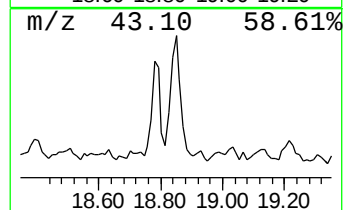
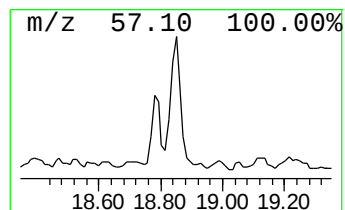
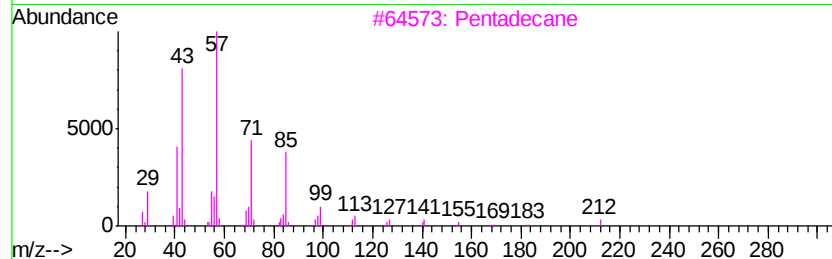
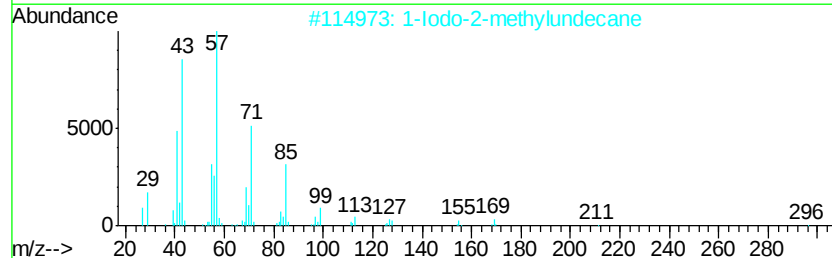
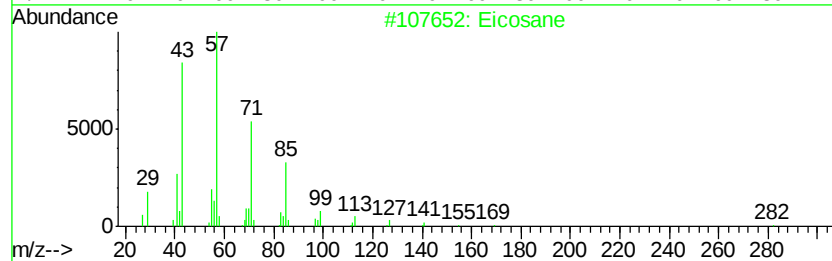
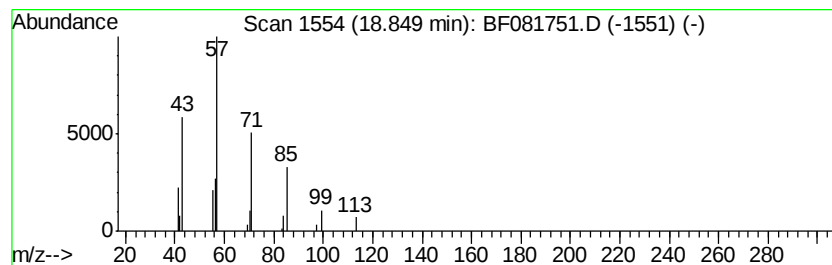
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Iodo-2-methylundecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.55 ng	50295	Phenanthrene-d10	18.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	78
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3			Pentadecane	212	C15H32	000629-62-9	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

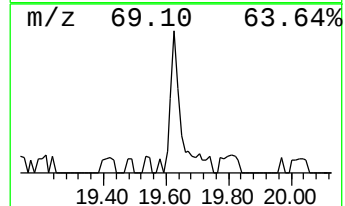
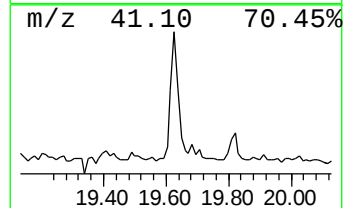
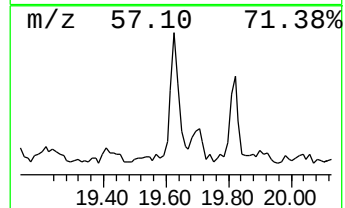
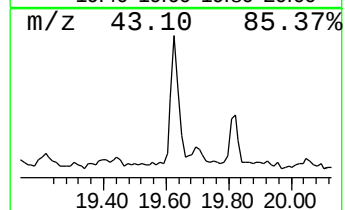
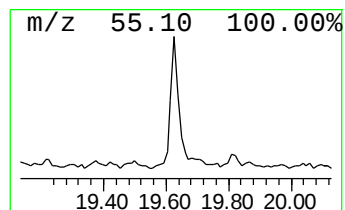
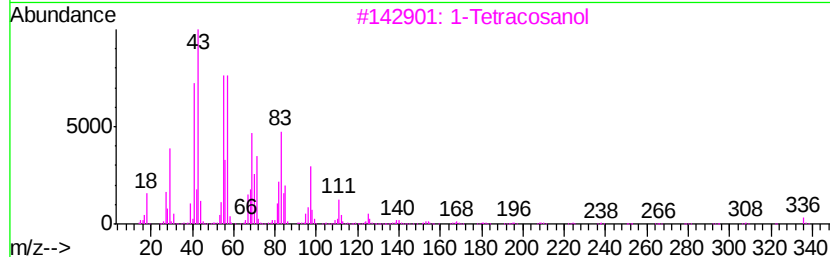
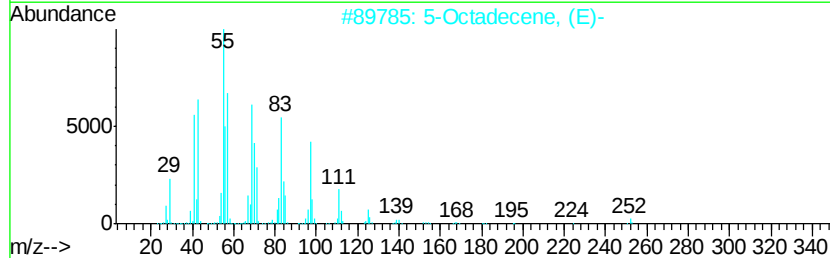
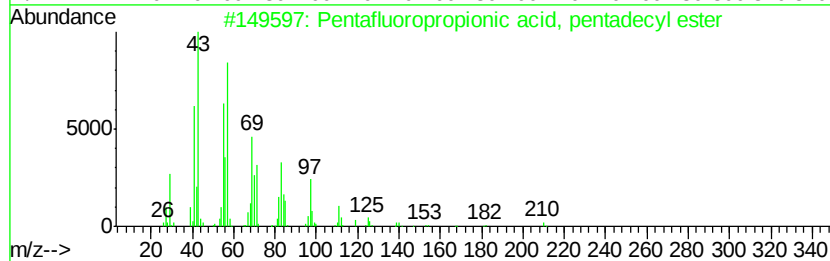
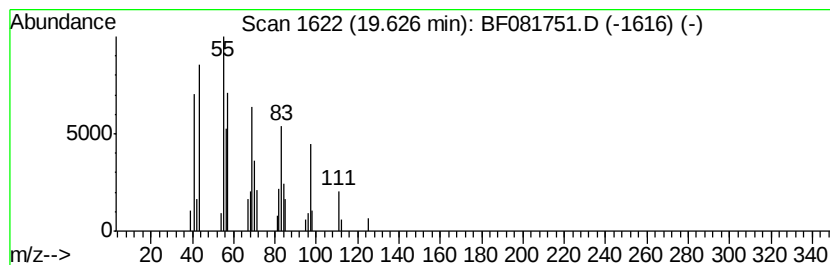
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentafluoropropionic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	5.46 ng	77367	Phenanthrene-d10	18.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	80
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	74
3			1-Tetracosanol	354	C24H50O	000506-51-4	68
4			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	64
5			Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

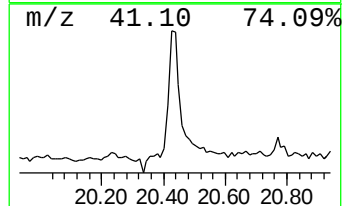
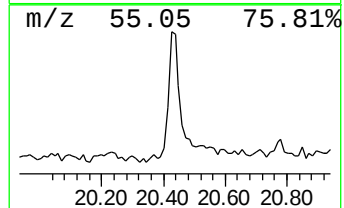
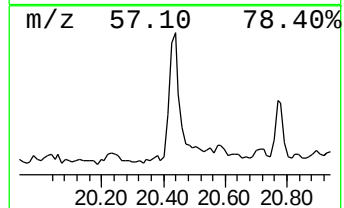
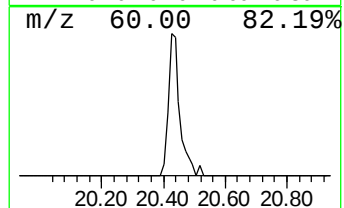
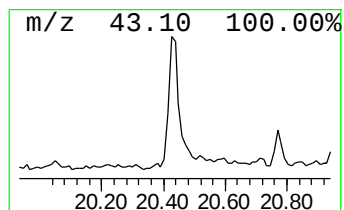
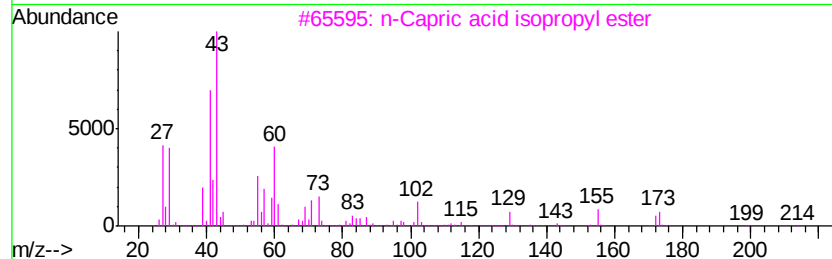
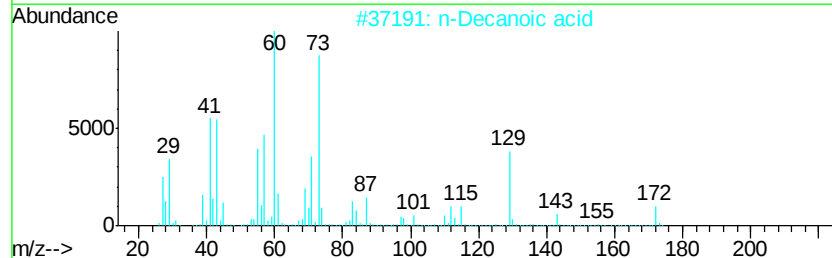
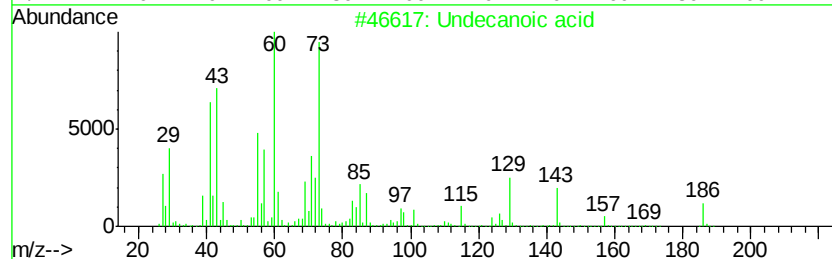
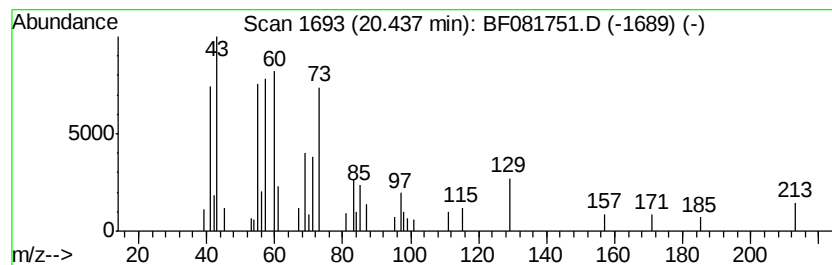
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.16 ng	101600	Phenanthrene-d10	18.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	59
2			n-Decanoic acid	172	C10H20O2	000334-48-5	53
3			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	47
4			d-Glucohexodialdose	178	C6H10O6	1000149-19-1	38
5			4-Propionyloxytetradecane	270	C17H34O2	1000245-62-9	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
Operator : UM/IZ
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ClientSampleId :
TRENCH-1-4

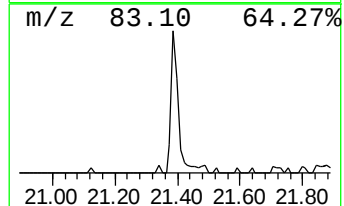
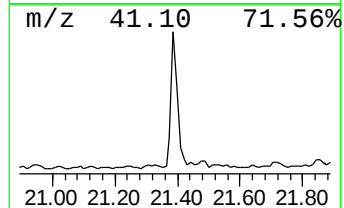
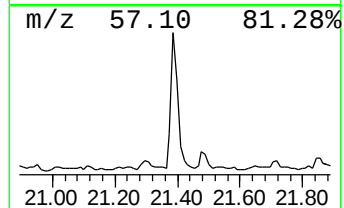
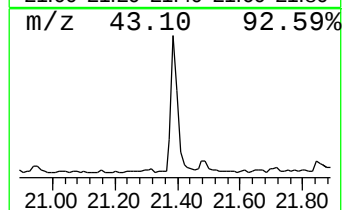
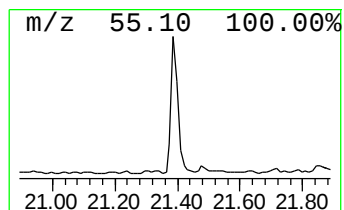
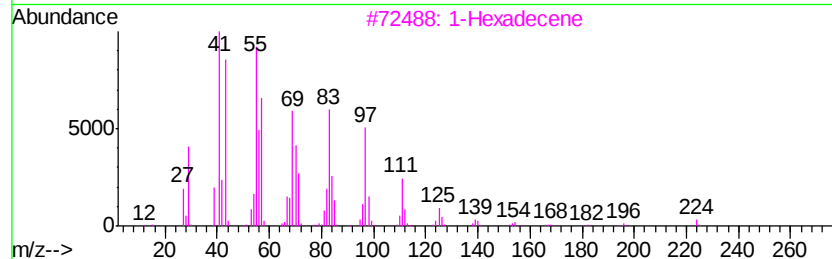
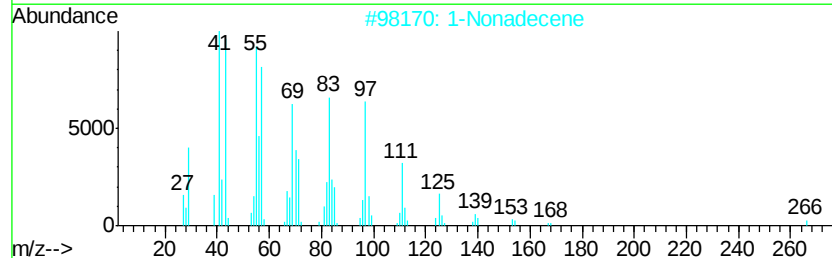
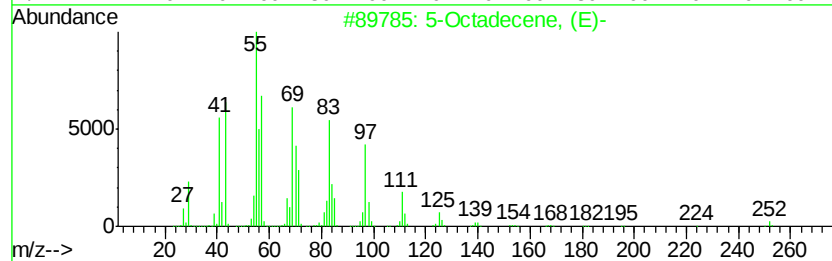
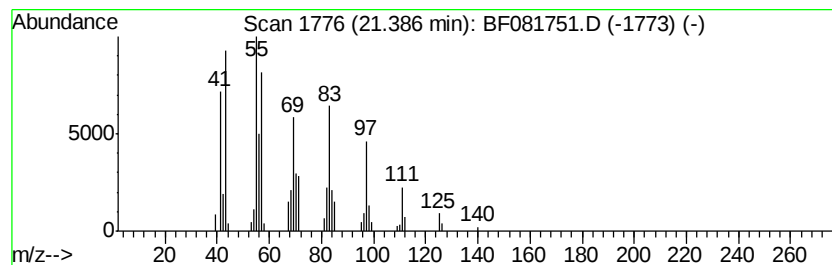
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	14.52 ng	177942	Chrysene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		1-Hexadecene	224	C16H32	000629-73-2	91
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5		1-Octadecene	252	C18H36	000112-88-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081751.D
Acq On : 22 Sep 2015 21:52
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
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2-Pentanone, 4-hy...	4.42	60.8	ng	728864	1	8.14	239862	20.0
unknown7.66	7.66	116.7	ng	1399340	1	8.14	239862	20.0
Decane, 2,5,9-tri...	12.31	3.2	ng	47451	2	11.03	298060	20.0
Nonane, 3,7-dimet...	13.74	5.8	ng	87071	3	15.16	302296	20.0
Undecane	14.85	4.8	ng	72769	3	15.16	302296	20.0
Eicosane	17.73	8.7	ng	123856	4	18.67	283609	20.0
1-Iodo-2-methylun...	18.85	3.5	ng	50295	4	18.67	283609	20.0
Pentafluoropropio...	19.63	5.5	ng	77367	4	18.67	283609	20.0
Undecanoic acid	20.44	7.2	ng	101600	4	18.67	283609	20.0
5-Octadecene, (E)-	21.39	14.5	ng	177942	5	23.33	245103	20.0