

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083783.D
 Acq On : 14 Dec 2015 21:55
 Operator : UM/IZ
 Sample : G4759-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB121015

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-BF121315.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	5.081	259	262	265	rBV	197546	237658	6.21%	0.836%
2	5.504	296	299	301	rBV	1340789	1493144	39.04%	5.255%
3	6.521	385	388	390	rBV	1118072	983228	25.71%	3.460%
4	6.670	398	401	403	rBV	2055316	2562271	66.99%	9.018%
5	6.899	419	421	423	rBB	807081	664290	17.37%	2.338%
6	7.059	432	435	437	rVB	2551303	2434526	63.65%	8.568%
7	7.459	467	470	472	rBV	1854358	1850720	48.39%	6.514%
8	7.721	491	493	495	rVB	64290	69561	1.82%	0.245%
9	7.984	514	516	518	rBV	74474	81371	2.13%	0.286%
10	8.179	531	533	536	rVB	859460	844260	22.07%	2.971%
11	8.522	559	563	565	rBV	48810	57753	1.51%	0.203%
12	9.070	609	611	613	rBV	43060	39280	1.03%	0.138%
13	9.264	625	628	630	rBV	3445022	3824639	100.00%	13.461%
14	9.413	639	641	644	rVB	401740	335043	8.76%	1.179%
15	9.939	684	687	689	rBB	1018113	1009007	26.38%	3.551%
16	10.487	733	735	737	rBV	58380	48095	1.26%	0.169%
17	10.727	753	756	758	rBV2	1636870	2244568	58.69%	7.900%
18	10.796	760	762	765	rBV	548325	663075	17.34%	2.334%
19	11.413	814	816	819	rBV	1042837	957454	25.03%	3.370%
20	11.710	839	842	844	rBV	34782	48221	1.26%	0.170%
21	11.996	864	867	869	rBV	559741	731719	19.13%	2.575%
22	12.785	934	936	938	rBV	28963	43484	1.14%	0.153%
23	13.002	952	955	957	rBV	3234842	3439729	89.94%	12.106%
24	13.036	957	958	960	rVB	910383	690967	18.07%	2.432%
25	13.916	1032	1035	1037	rVB2	34311	48566	1.27%	0.171%
26	13.962	1037	1039	1044	rBV	632396	589456	15.41%	2.075%
27	14.042	1044	1046	1049	rVB	888045	913404	23.88%	3.215%
28	14.225	1060	1062	1064	rVB	59994	50958	1.33%	0.179%
29	14.534	1086	1089	1091	rVB	43463	48635	1.27%	0.171%
30	14.796	1110	1112	1120	rBV	265602	419027	10.96%	1.475%
31	15.162	1141	1144	1149	rVB	31558	38437	1.00%	0.135%
32	15.482	1169	1172	1175	rBV	607428	712092	18.62%	2.506%
33	15.791	1196	1199	1209	rBV	103956	189365	4.95%	0.666%
34	17.242	1322	1326	1331	rBV2	19681	49568	1.30%	0.174%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

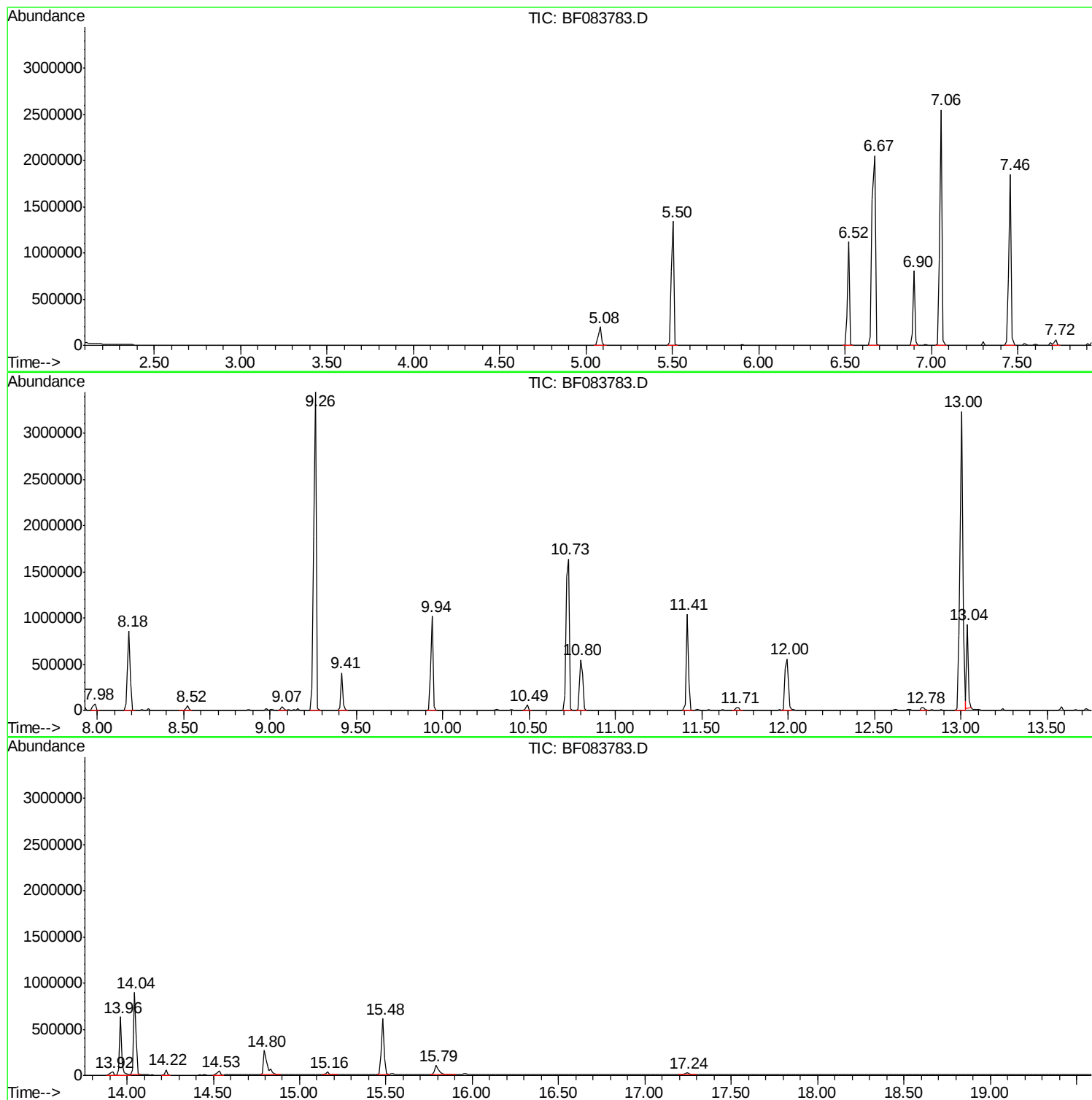
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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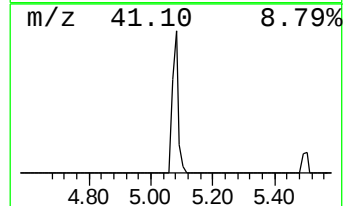
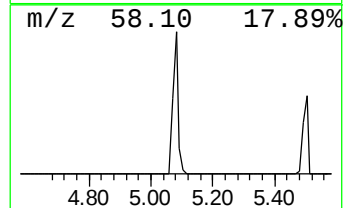
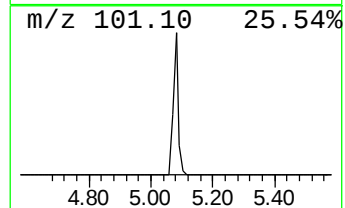
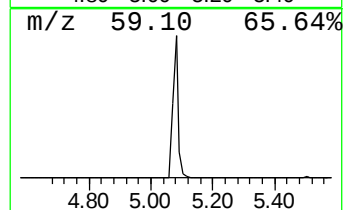
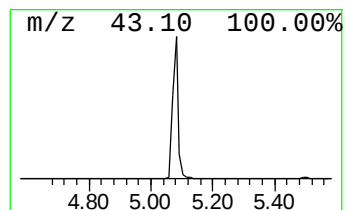
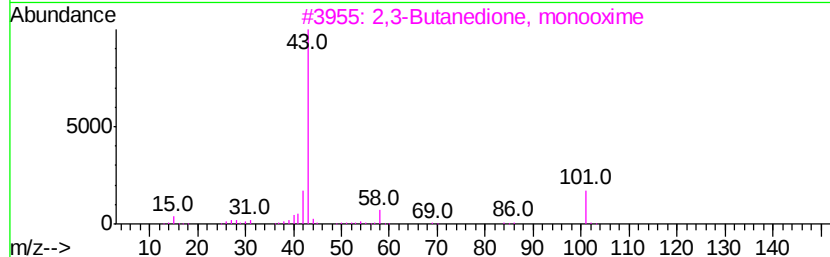
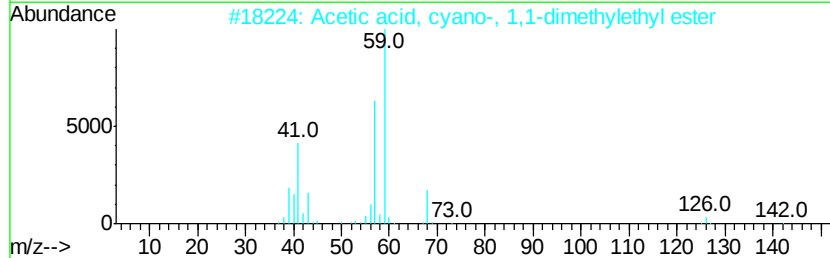
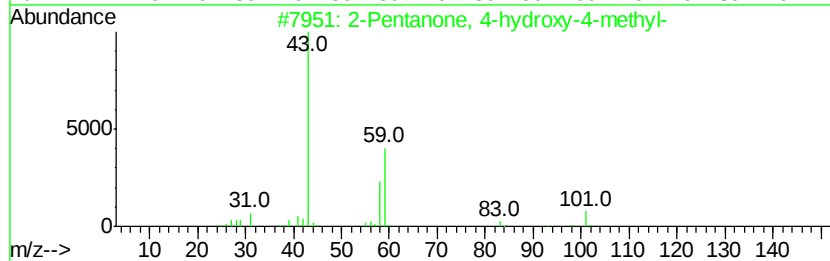
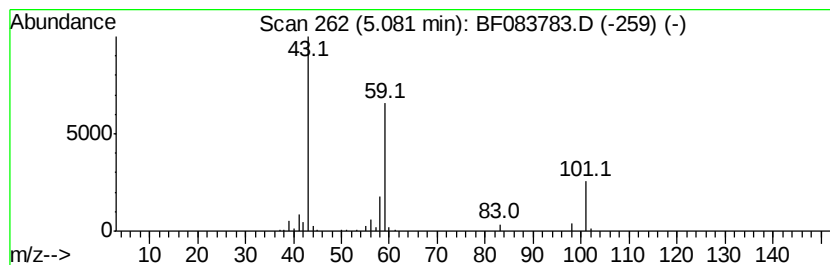
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.16 ng	237658	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Butane	58	C4H10	000106-97-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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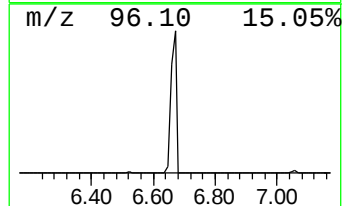
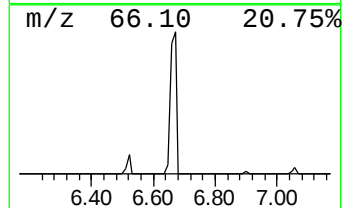
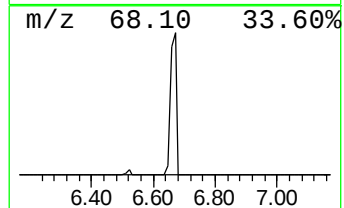
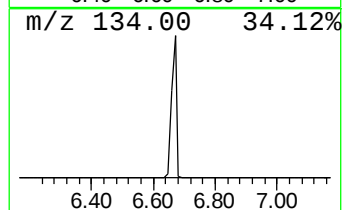
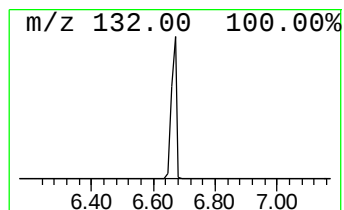
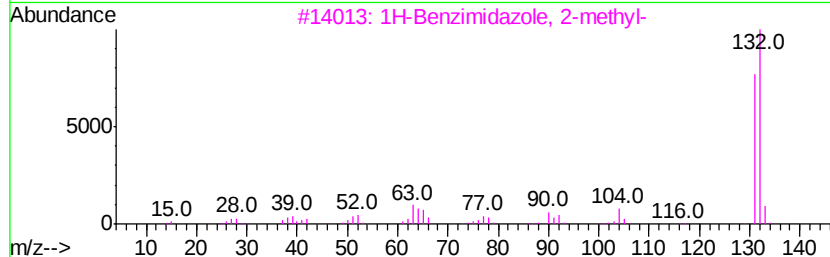
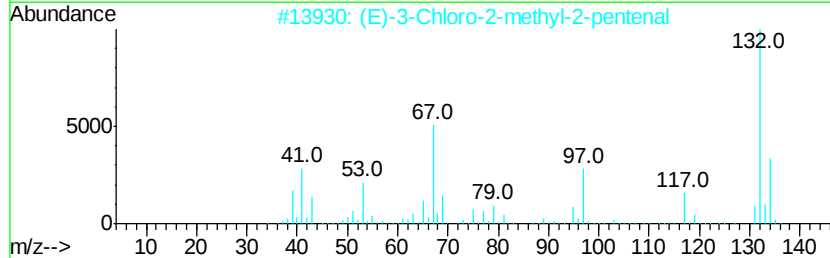
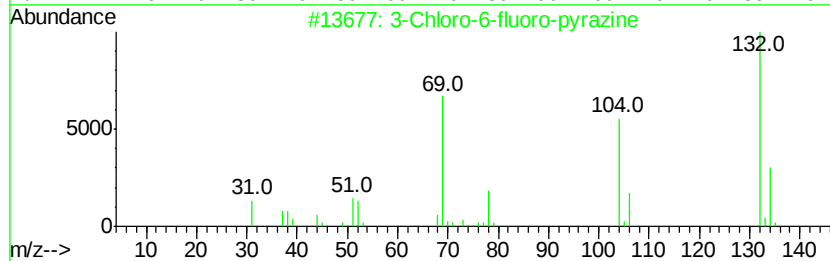
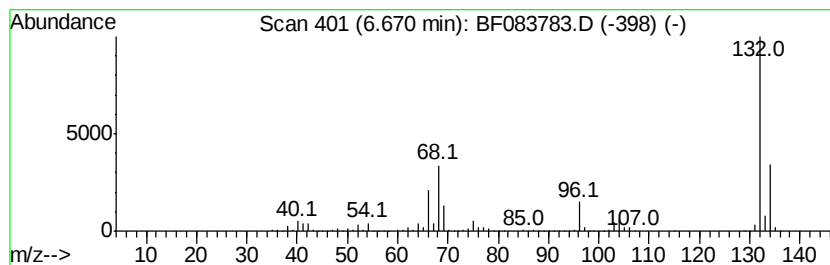
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	77.14 ng	2562270	1,4-Dichlorobenzene-d4	6.90

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	25
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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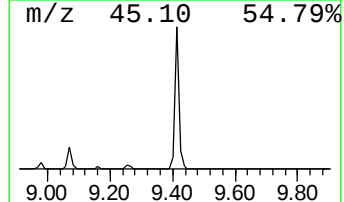
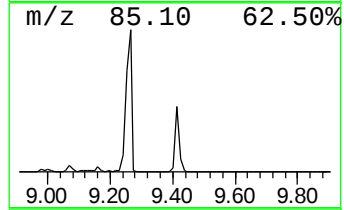
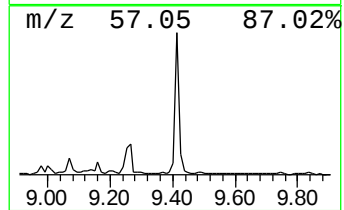
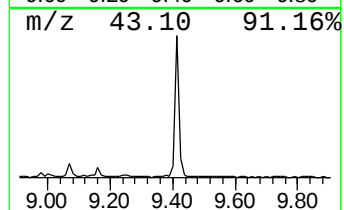
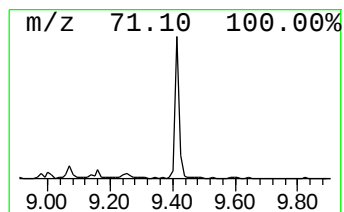
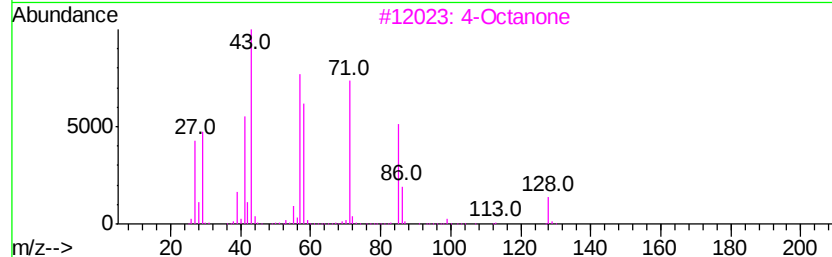
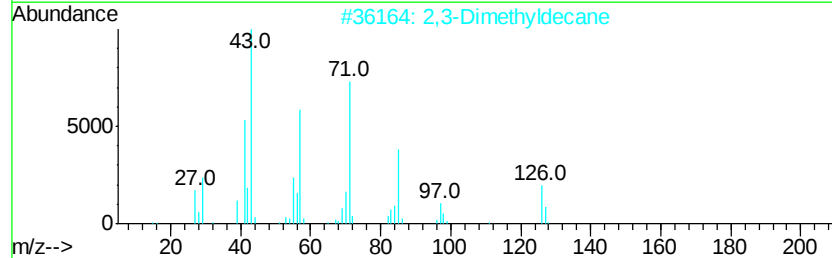
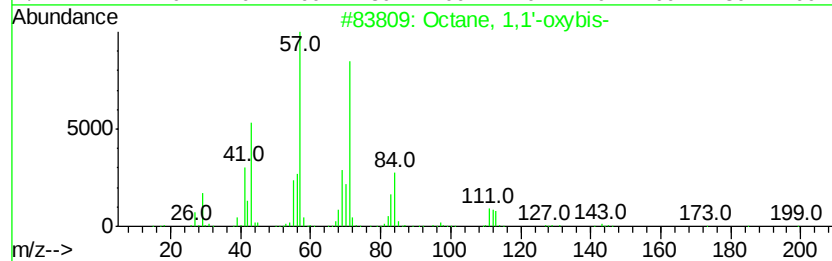
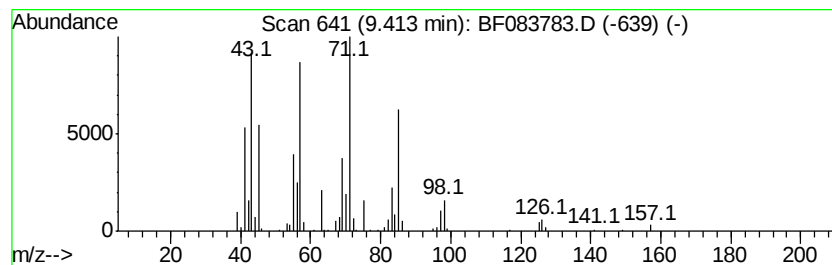
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.41 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	6.64 ng	335043	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
2		2,3-Dimethyldecane	170	C12H26	017312-44-6	43
3		4-Octanone	128	C8H16O	000589-63-9	38
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	38
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38



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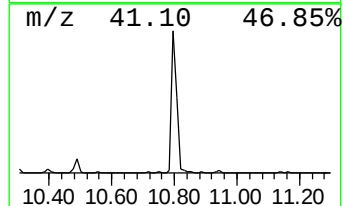
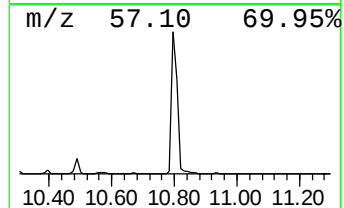
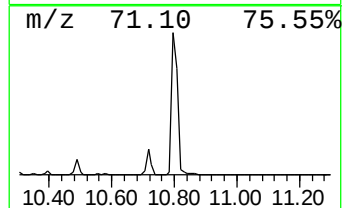
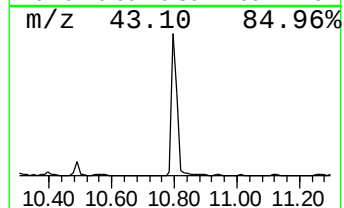
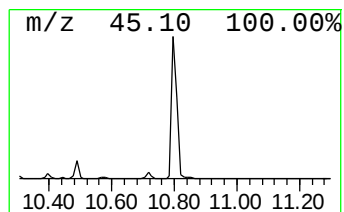
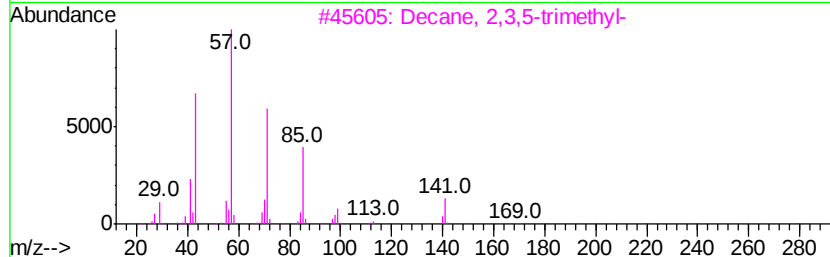
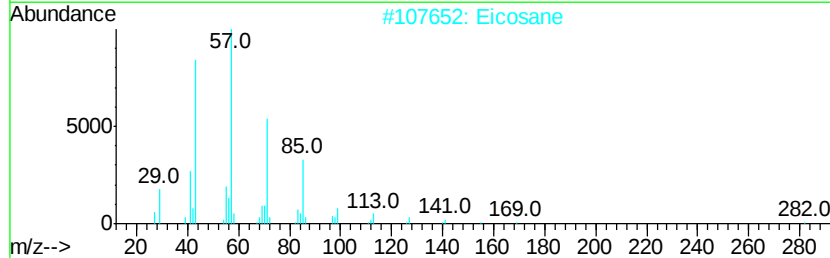
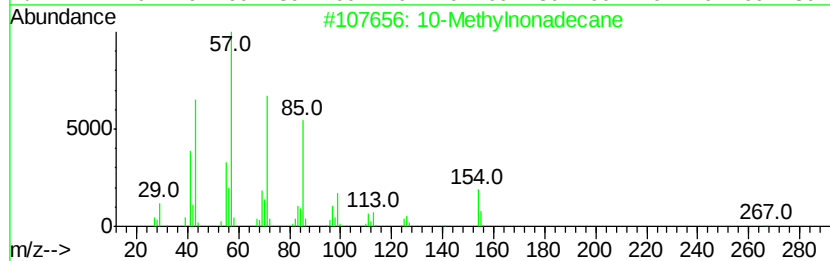
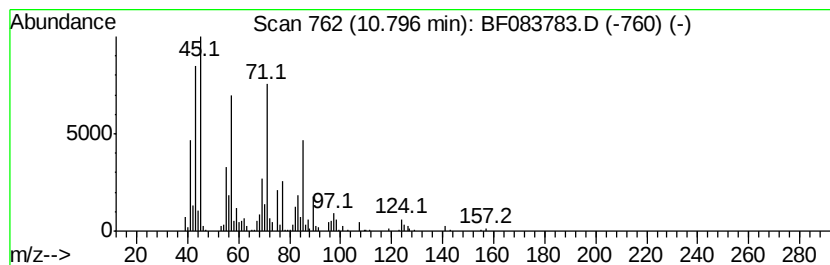
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	13.85 ng	663075	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	35
2	Eicosane		282	C20H42	000112-95-8	35
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	35
4	Tetradecane		198	C14H30	000629-59-4	27
5	Tridecane		184	C13H28	000629-50-5	27



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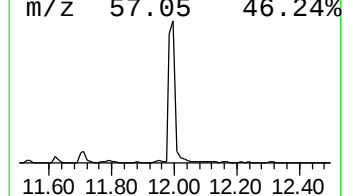
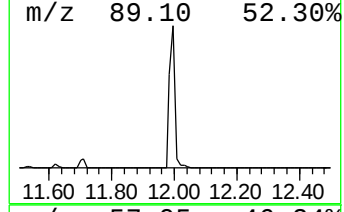
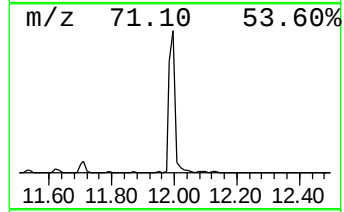
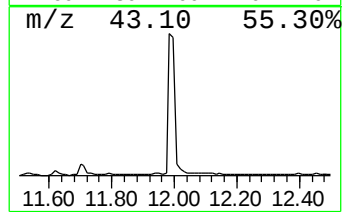
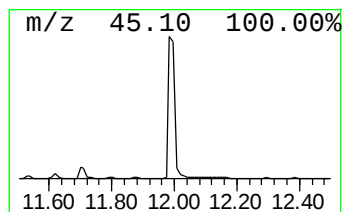
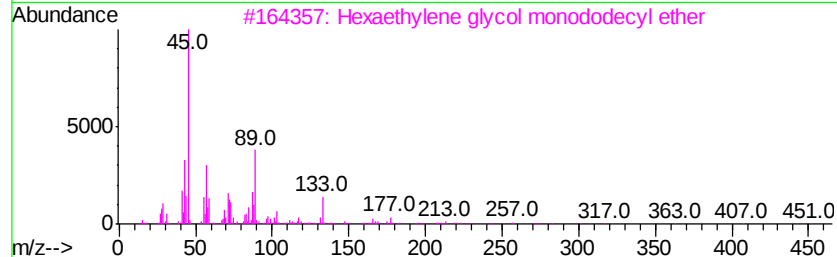
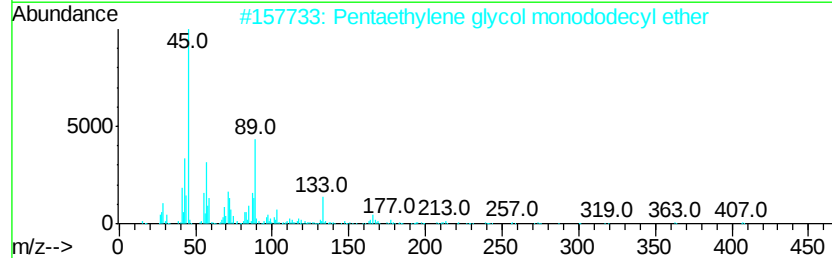
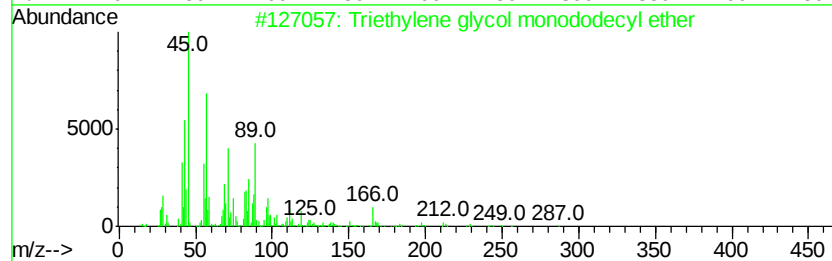
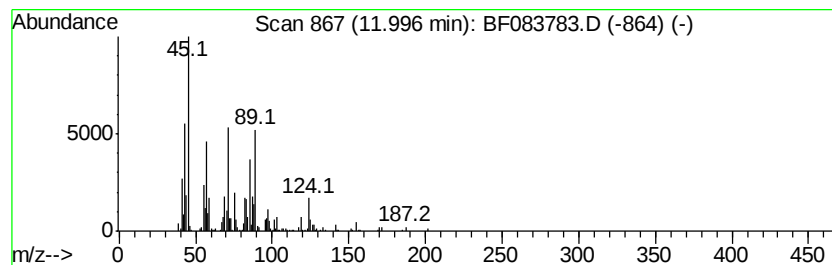
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Triethylene glycol monododecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	15.28 ng	731719	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	59
2		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	52
3		Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50
4		Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	47
5		Hexagol	282	C12H26O7	002615-15-8	47



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FB121015

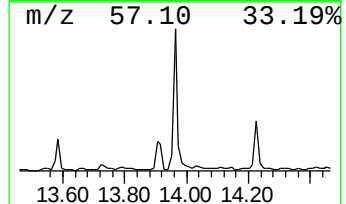
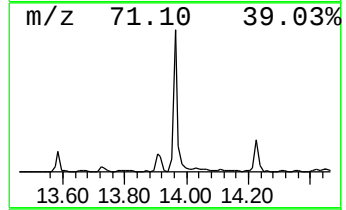
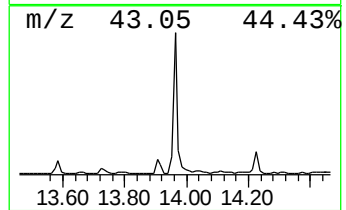
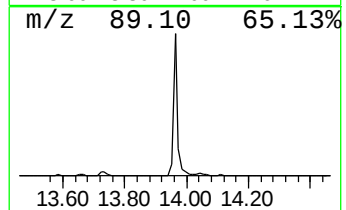
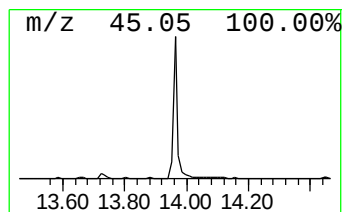
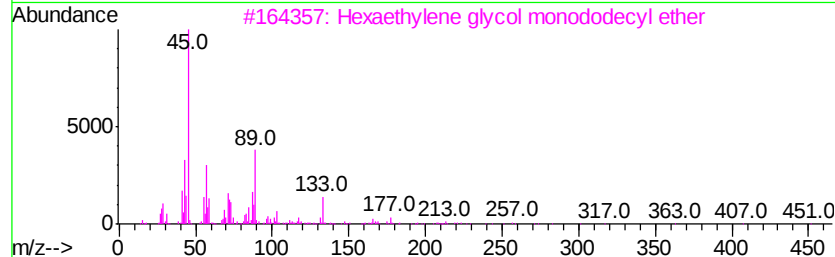
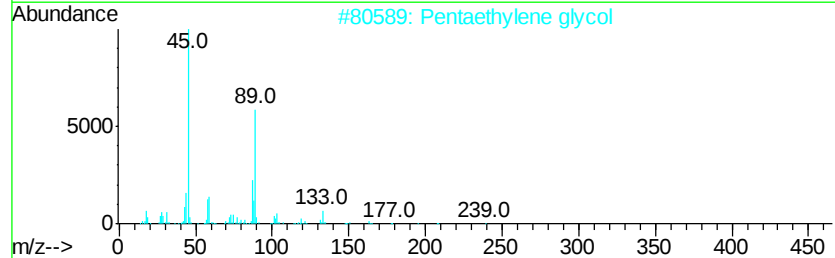
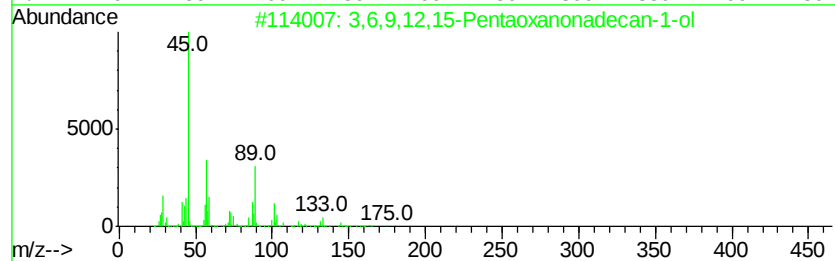
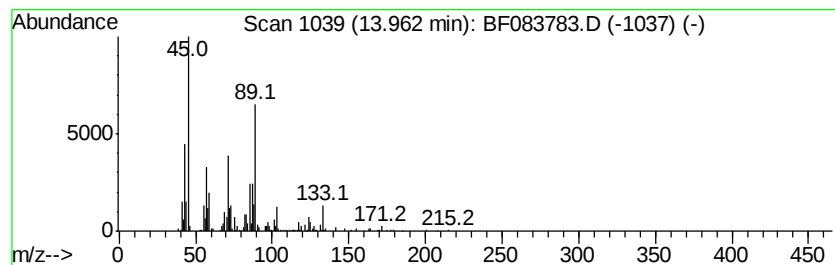
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	12.91 ng	589456	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	68
2		Pentaethylene glycol	238	C10H22O6	004792-15-8	58
3		Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50
4		1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	50
5		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083783.D
Acq On : 14 Dec 2015 21:55
Operator : UM/IZ
Sample : G4759-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB121015

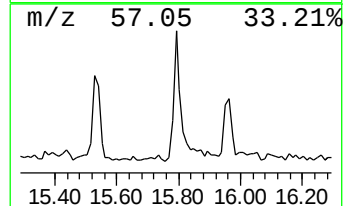
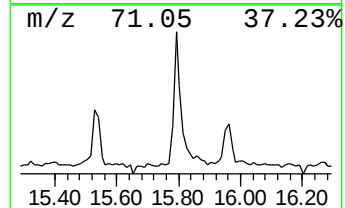
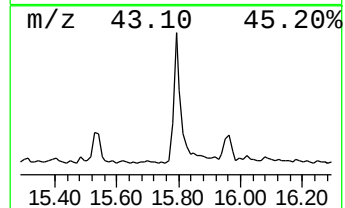
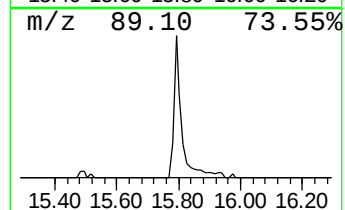
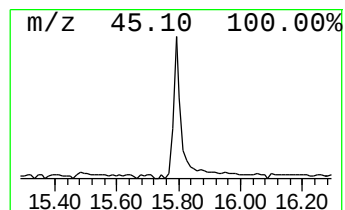
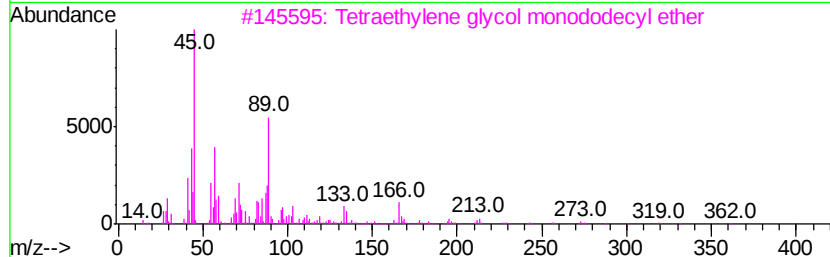
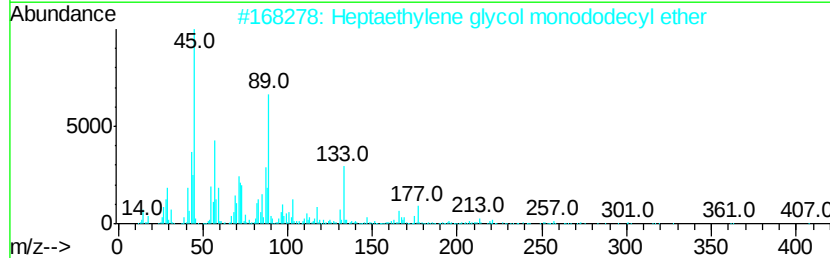
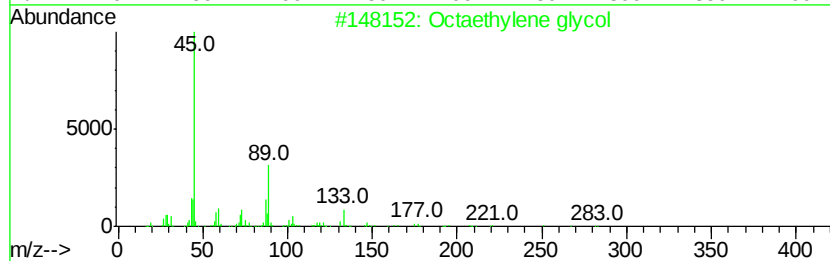
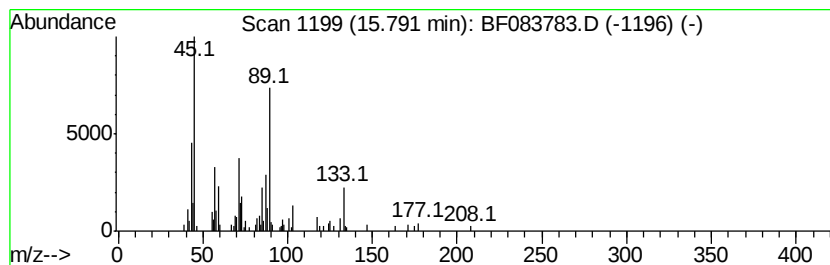
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octaethylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	5.32 ng	189365	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octaethylene glycol	370	C16H34O9	1000289-34-2	91
2		Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	78
3		Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	74
4		Hexadecyl	282	C12H26O7	002615-15-8	64
5		Triethylene glycol	150	C6H14O4	000112-27-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083783.D
Acq On : 14 Dec 2015 21:55
Operator : UM/IZ
Sample : G4759-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB121015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.08	7.2	ng	237658	1	6.90	664290	20.0
unknown6.67	6.67	77.1	ng	2562270	1	6.90	664290	20.0
unknown9.41	9.41	6.6	ng	335043	3	9.94	1009010	20.0
unknown10.80	10.80	13.9	ng	663075	4	11.41	957454	20.0
Triethylene glyco...	12.00	15.3	ng	731719	4	11.41	957454	20.0
3,6,9,12,15-Penta...	13.96	12.9	ng	589456	5	14.04	913404	20.0
Octaethylene glycol	15.79	5.3	ng	189365	6	15.48	712092	20.0