

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085700.D
 Acq On : 23 Mar 2016 11:47
 Operator : UM/SJ
 Sample : H1857-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(11-13)

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-BF031816.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	4.493	190	193	196	rBV	149167	177643	4.80%	0.559%
2	5.018	237	239	249	rVB	261393	475436	12.86%	1.497%
3	5.441	273	276	278	rBV	3010594	3370059	91.13%	10.614%
4	5.841	309	311	313	rVB	30502	39385	1.06%	0.124%
5	6.470	363	366	369	rBV	2546012	3223357	87.16%	10.152%
6	6.607	375	378	380	rBV	2810047	3676136	99.40%	11.578%
7	6.836	395	398	400	rBV	552079	734285	19.86%	2.313%
8	6.984	409	411	414	rVV	2355599	2565262	69.37%	8.079%
9	7.396	444	447	450	rBV	1827654	2203744	59.59%	6.940%
10	7.499	453	456	463	rVB	50460	67267	1.82%	0.212%
11	8.116	507	510	512	rBV	1220941	1043047	28.20%	3.285%
12	9.190	601	604	607	rBV	2843724	3698193	100.00%	11.647%
13	9.590	637	639	641	rBV	605439	559824	15.14%	1.763%
14	9.808	655	658	660	rBV	55407	59006	1.60%	0.186%
15	9.865	661	663	666	rVV	894053	1025197	27.72%	3.229%
16	10.036	675	678	681	rBV2	17673	47448	1.28%	0.149%
17	10.299	700	701	703	rVB	112416	105232	2.85%	0.331%
18	10.516	717	720	724	rBV	38216	71207	1.93%	0.224%
19	10.665	730	733	735	rBV2	1643215	2304909	62.33%	7.259%
20	10.768	741	742	749	rBV	91284	160152	4.33%	0.504%
21	11.225	780	782	783	rBV	55431	69508	1.88%	0.219%
22	11.351	791	793	795	rBV	1166575	983097	26.58%	3.096%
23	11.876	838	839	845	rBV3	108657	187208	5.06%	0.590%
24	12.756	914	916	918	rBV	288718	247953	6.70%	0.781%
25	12.939	929	932	934	rBV	2111946	2663397	72.02%	8.388%
26	13.465	976	978	979	rBV	93899	122089	3.30%	0.385%
27	13.831	1007	1010	1021	rBV	276491	469457	12.69%	1.479%
28	13.979	1021	1023	1026	rBV	684058	626258	16.93%	1.972%
29	14.151	1035	1038	1042	rBV	28971	40094	1.08%	0.126%
30	14.448	1062	1064	1068	rBV3	29769	63508	1.72%	0.200%
31	15.397	1144	1147	1154	rBV	427655	614206	16.61%	1.934%
32	16.300	1223	1226	1232	rBV3	15793	58476	1.58%	0.184%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

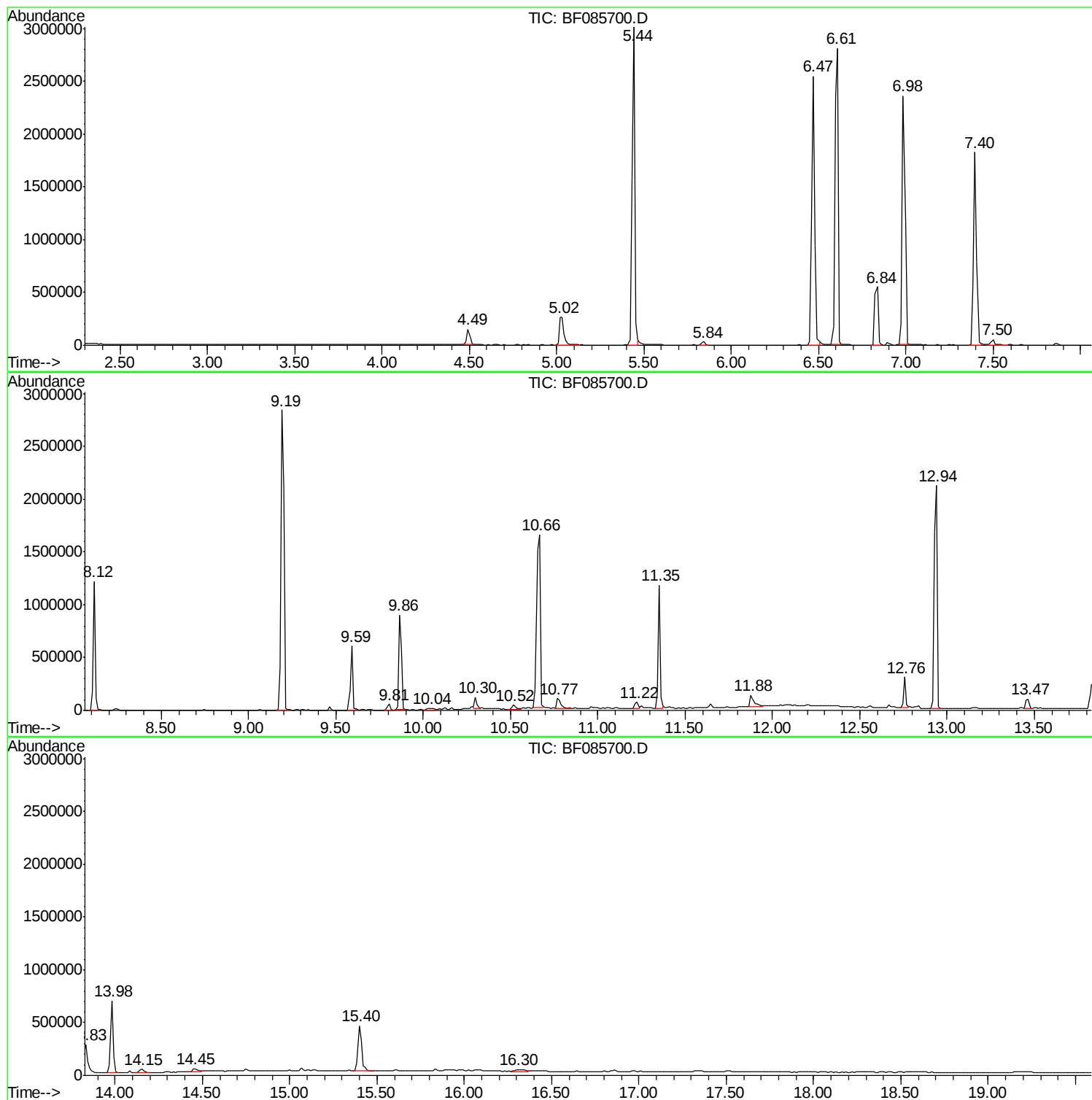
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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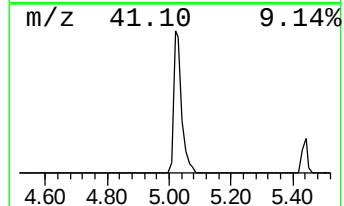
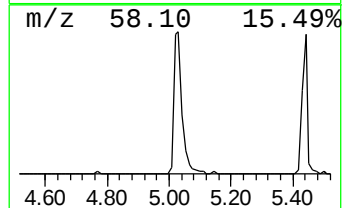
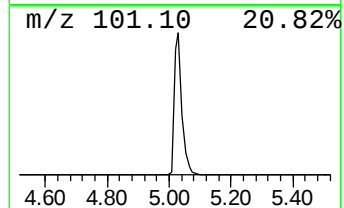
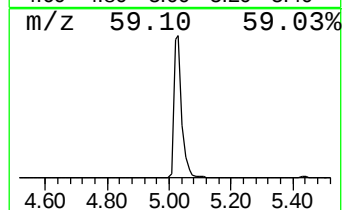
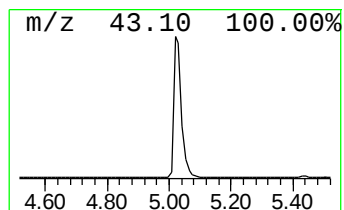
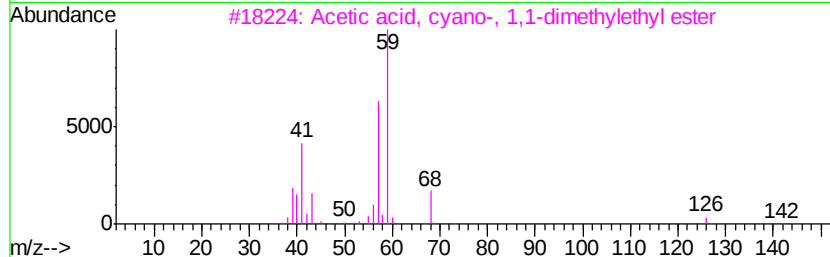
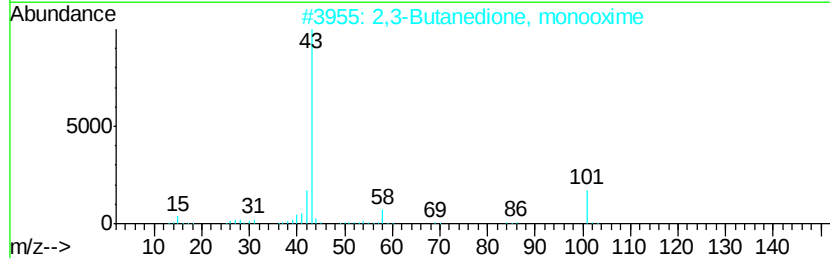
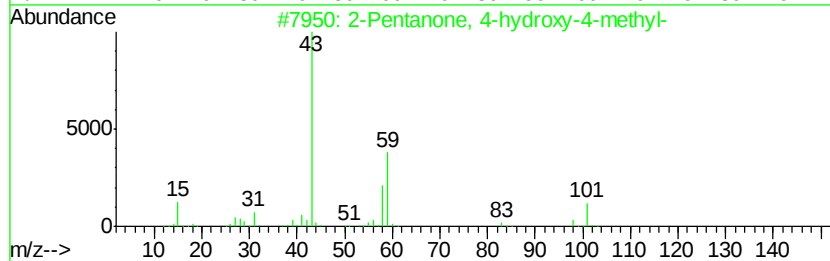
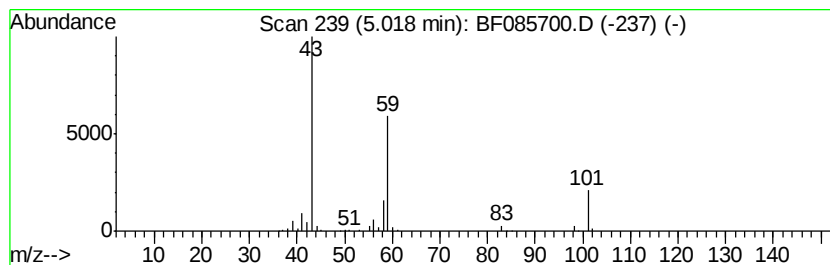
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	12.95 ng	475436	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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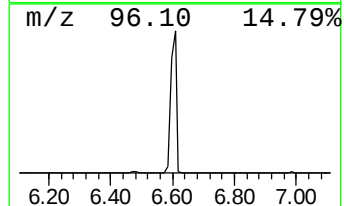
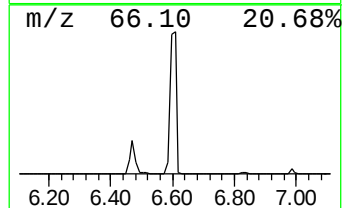
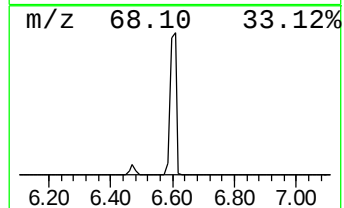
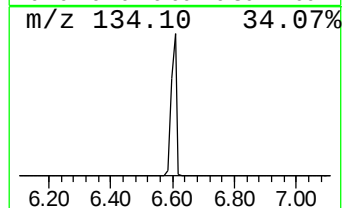
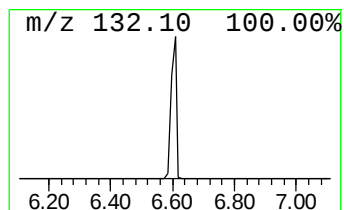
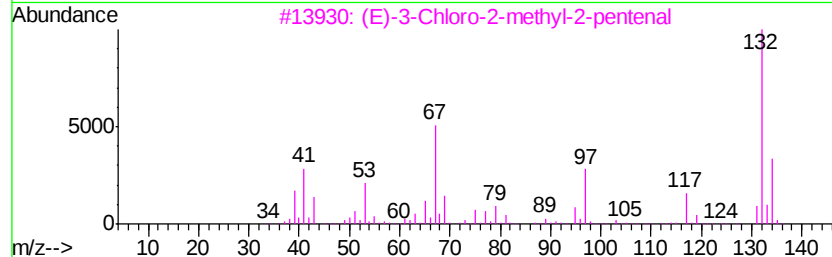
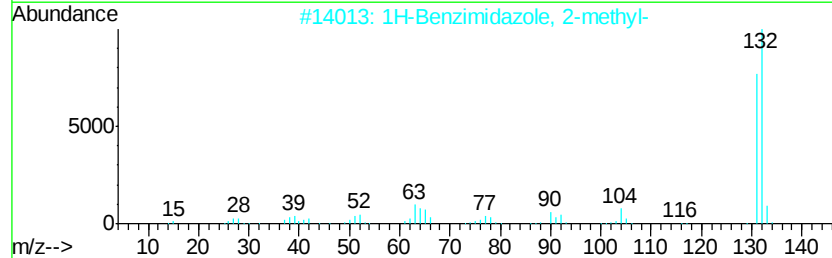
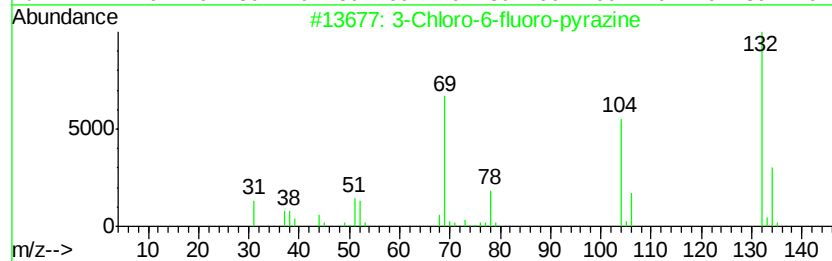
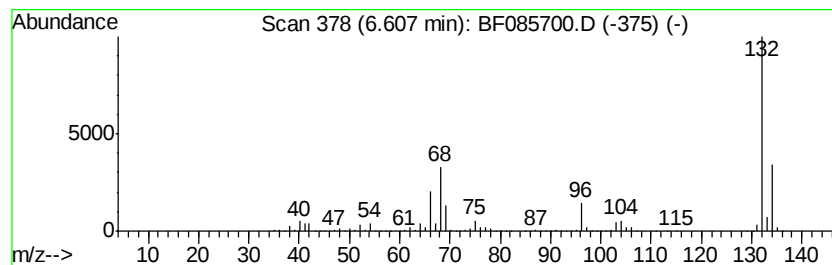
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	100.13 ng	3676140	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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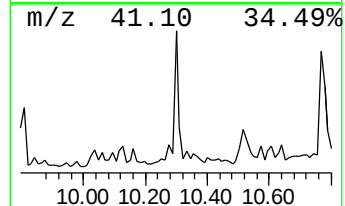
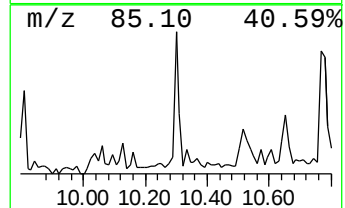
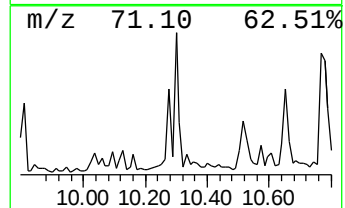
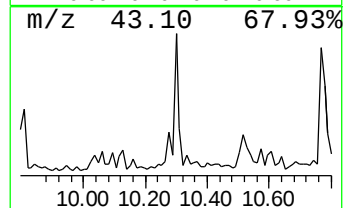
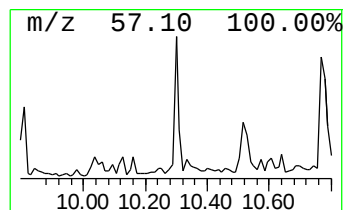
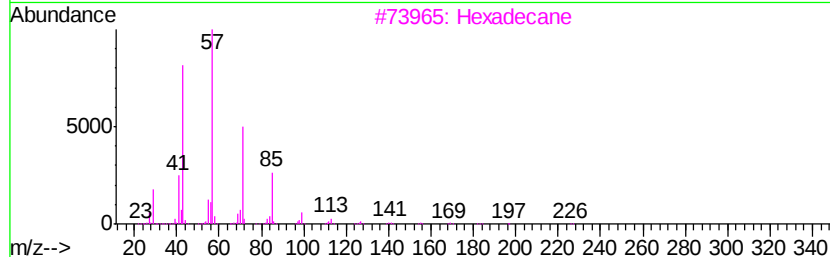
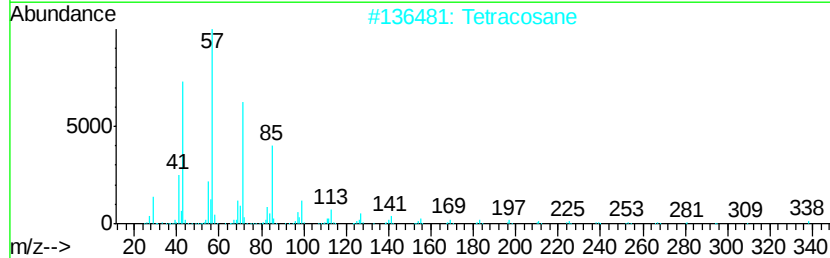
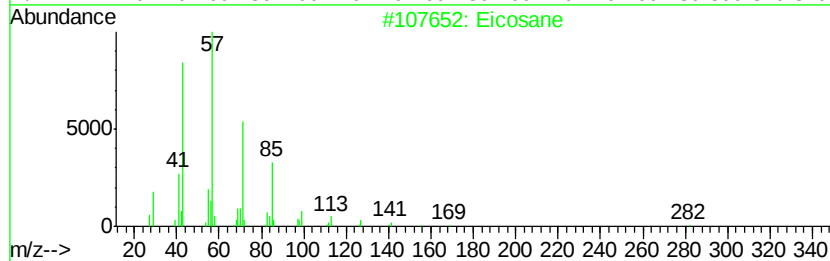
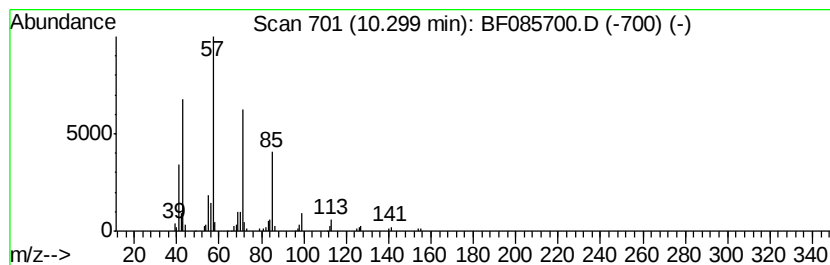
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.05 ng	105232	Acenaphthene-d10	9.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tetracosane		338	C24H50	000646-31-1	90
3	Hexadecane		226	C16H34	000544-76-3	80
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Tridecane		184	C13H28	000629-50-5	64



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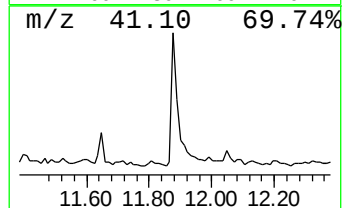
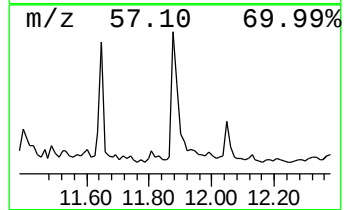
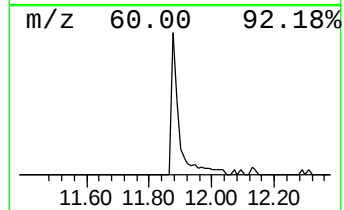
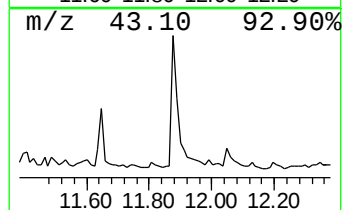
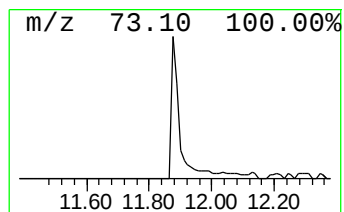
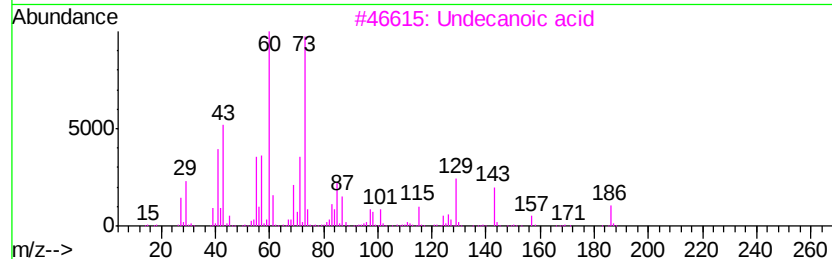
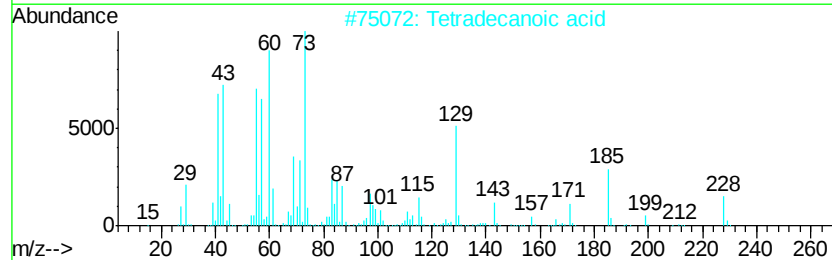
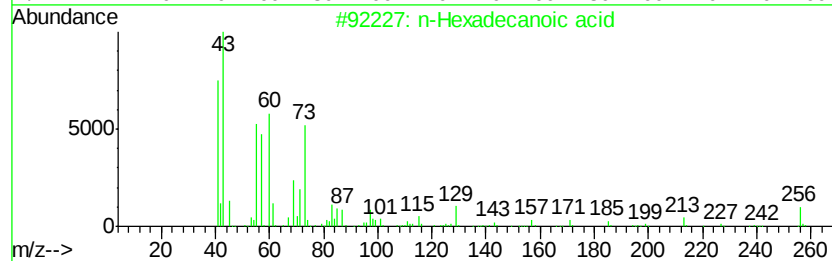
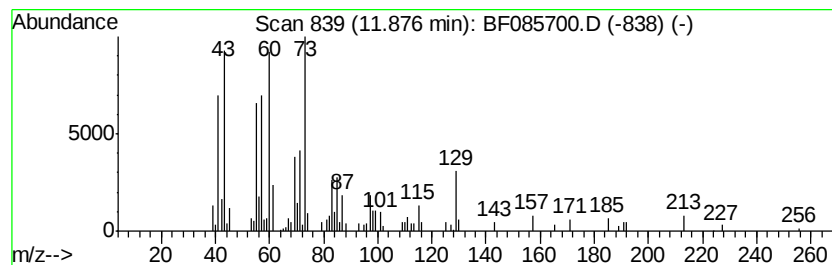
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.81 ng	187208	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Undecanoic acid	186	C11H22O2	000112-37-8	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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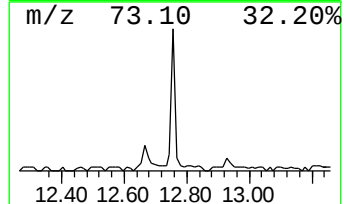
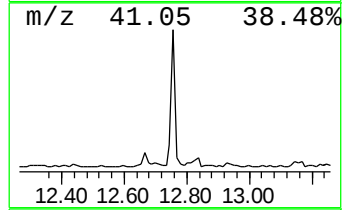
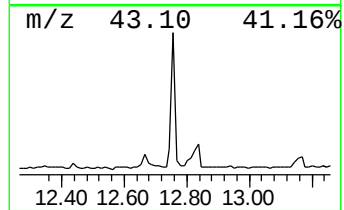
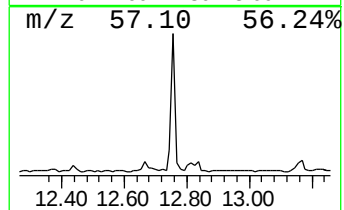
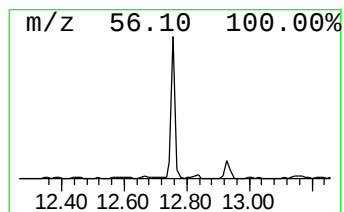
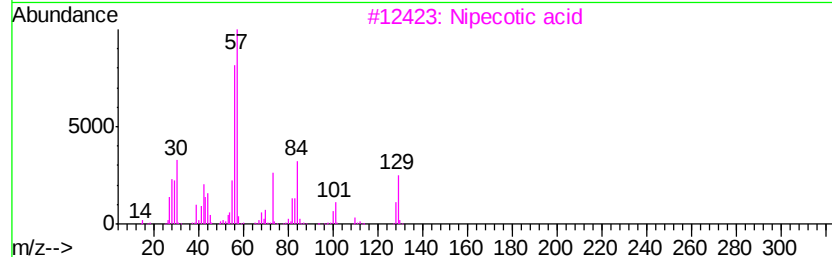
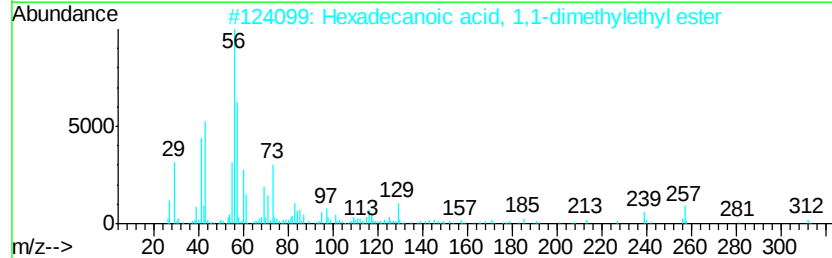
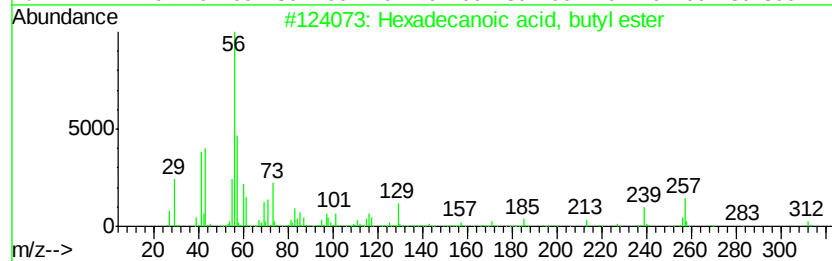
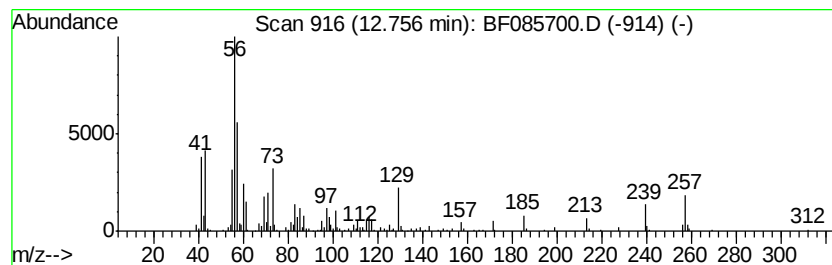
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	7.92 ng	247953	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3		Nipecotic acid	129	C6H11NO2	000498-95-3	47
4		2-Methyl-1-tetradecene	210	C15H30	052254-38-3	35
5		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35



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SB-06(11-13)

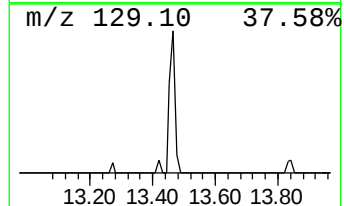
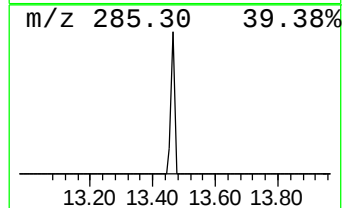
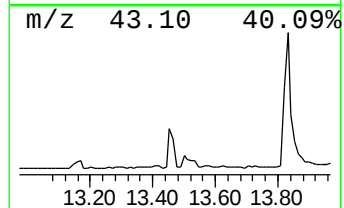
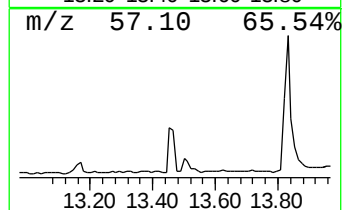
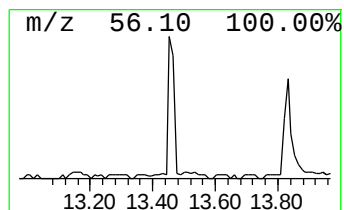
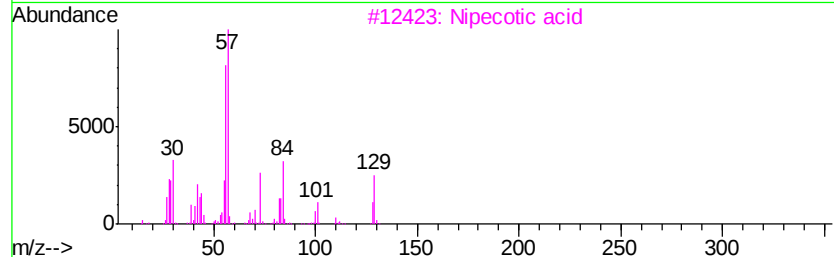
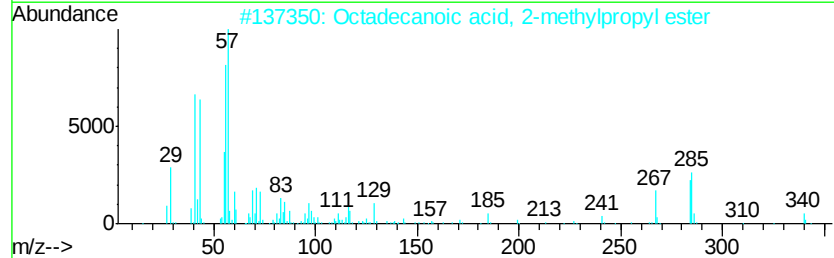
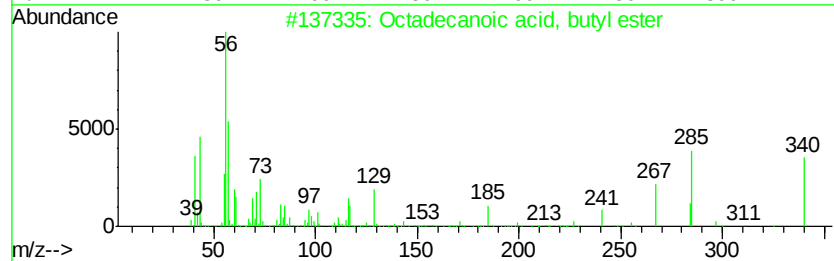
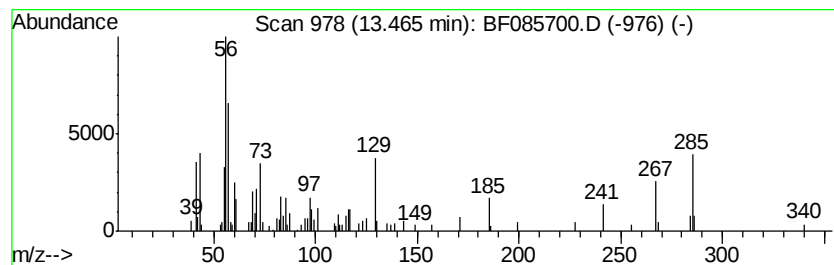
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.90 ng	122089	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	87
3		Nipecotic acid	129	C6H11NO2	000498-95-3	32
4		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	25
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085700.D
Acq On : 23 Mar 2016 11:47
Operator : UM/SJ
Sample : H1857-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(11-13)

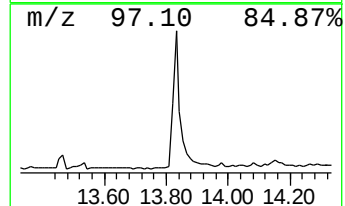
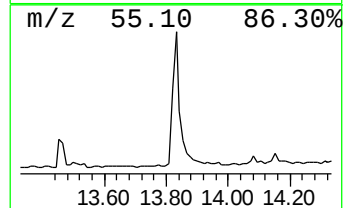
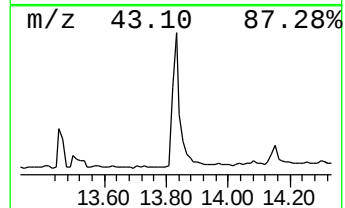
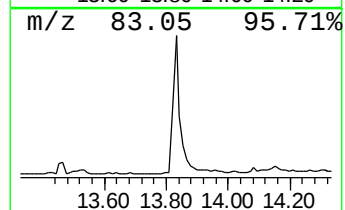
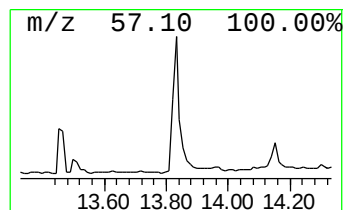
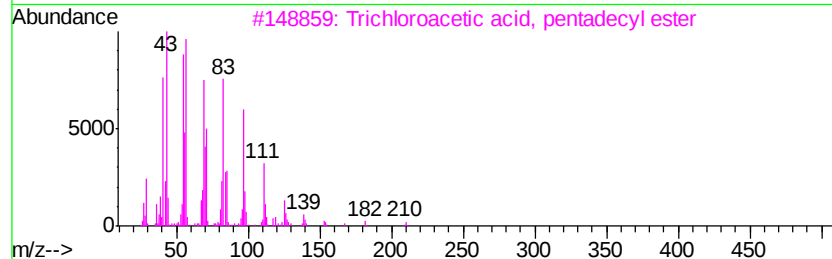
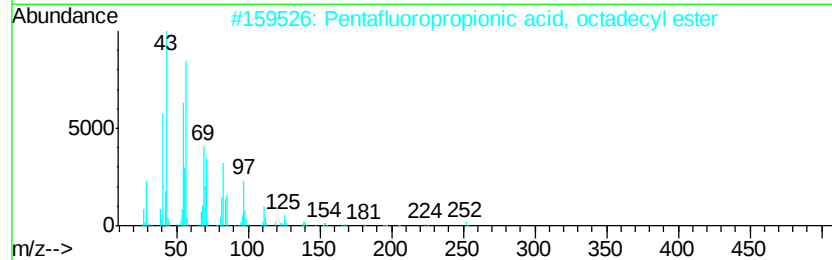
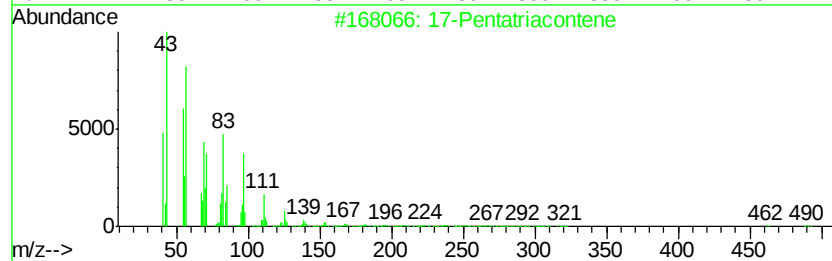
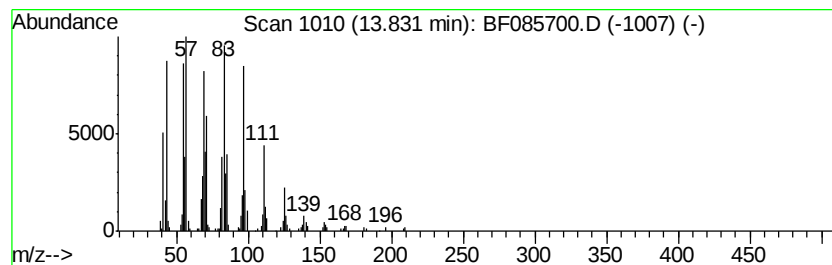
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.99 ng	469457	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Pentafluoropropionic acid, octadecyl...	416	C21H37F5O2	1000280-07-7	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		1-Tetracosanol	354	C24H50O	000506-51-4	90
5		1-Nonadecene	266	C19H38	018435-45-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085700.D
Acq On : 23 Mar 2016 11:47
Operator : UM/SJ
Sample : H1857-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(11-13)

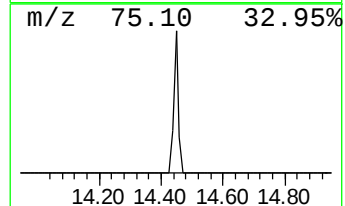
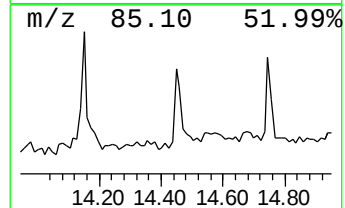
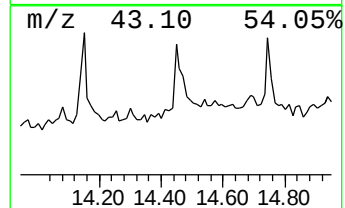
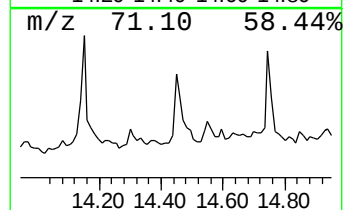
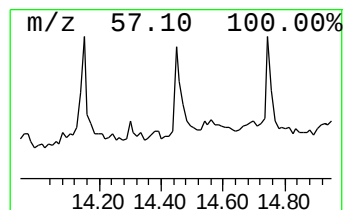
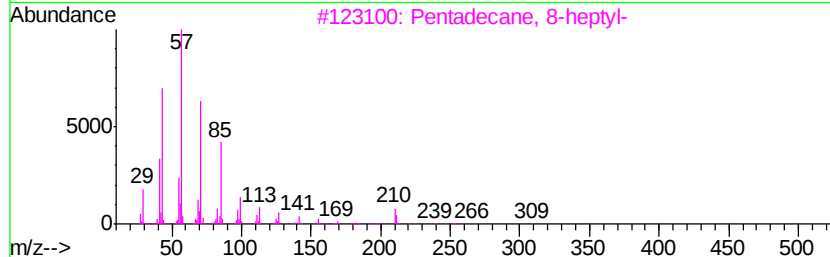
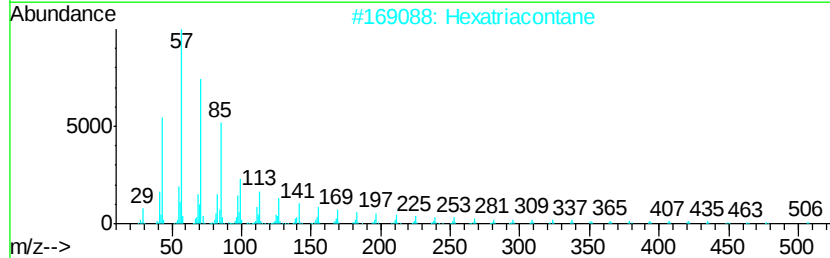
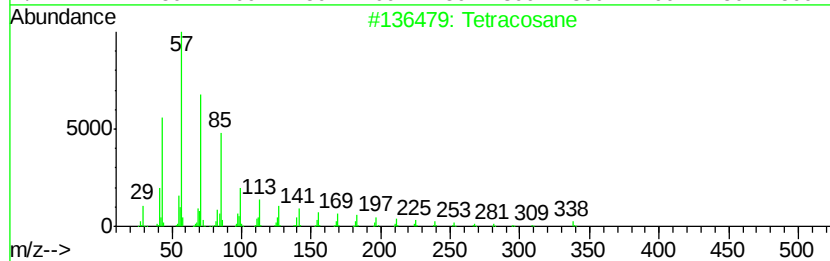
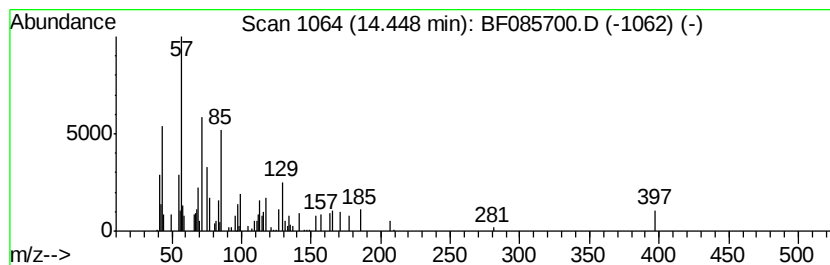
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.03 ng	63508	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	46
2		Hexatriacontane	507	C36H74	000630-06-8	43
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	43
4		Tricosane	324	C23H48	000638-67-5	43
5		Tetratriacontane	479	C34H70	014167-59-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085700.D
Acq On : 23 Mar 2016 11:47
Operator : UM/SJ
Sample : H1857-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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unknown6.61	6.61	100.1	ng	3676140	1	6.84	734285	20.0
Eicosane	10.30	2.0	ng	105232	3	9.86	1025200	20.0
n-Hexadecanoic acid	11.88	3.8	ng	187208	4	11.35	983097	20.0
Hexadecanoic acid...	12.76	7.9	ng	247953	5	13.98	626258	20.0
Octadecanoic acid...	13.47	3.9	ng	122089	5	13.98	626258	20.0
17-Pentatriacontene	13.83	15.0	ng	469457	5	13.98	626258	20.0
unknown14.45	14.45	2.0	ng	63508	5	13.98	626258	20.0