

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085948.D
 Acq On : 1 Apr 2016 1:08
 Operator : UM/SJ
 Sample : H2010-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB26COMP0.5-15.0

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	3.087	69	70	72	rBV	25379	30269	1.11%	0.134%
2	4.973	233	235	245	rBV	57459	88885	3.27%	0.394%
3	5.384	269	271	274	rBV	1806440	2147928	79.04%	9.524%
4	6.436	360	363	365	rBV	2083154	2510606	92.39%	11.132%
5	6.562	371	374	376	rBV	2006416	2484075	91.41%	11.014%
6	6.790	392	394	396	rBV	625587	620004	22.82%	2.749%
7	6.939	405	407	410	rBV	1626862	1772513	65.23%	7.859%
8	7.362	441	444	446	rBV	1037258	1475180	54.29%	6.541%
9	8.070	504	506	509	rBV	782157	808923	29.77%	3.587%
10	9.156	598	601	603	rBV	2503937	2717463	100.00%	12.049%
11	9.545	633	635	638	rBV	300567	355703	13.09%	1.577%
12	9.762	652	654	656	rBV	98358	80313	2.96%	0.356%
13	9.830	658	660	662	rVB	907952	855759	31.49%	3.794%
14	9.990	671	674	678	rBV3	14732	34757	1.28%	0.154%
15	10.265	695	698	699	rVB	91735	99007	3.64%	0.439%
16	10.482	714	717	720	rBV	34306	61639	2.27%	0.273%
17	10.619	726	729	731	rBV	1606426	1538046	56.60%	6.819%
18	10.733	735	739	743	rBV	121078	144833	5.33%	0.642%
19	11.179	776	778	779	rBV	55696	44746	1.65%	0.198%
20	11.305	787	789	792	rBV	558721	773282	28.46%	3.429%
21	12.722	910	913	914	rBV	39723	48607	1.79%	0.216%
22	12.894	925	928	930	rBV	2117220	1842003	67.78%	8.167%
23	13.419	973	974	976	rVB	45291	36235	1.33%	0.161%
24	13.797	1004	1007	1013	rBV	40164	61605	2.27%	0.273%
25	13.945	1018	1020	1022	rBV	586775	545395	20.07%	2.418%
26	14.414	1057	1061	1065	rBV	30422	38306	1.41%	0.170%
27	14.779	1090	1093	1095	rVV	43881	48622	1.79%	0.216%
28	15.020	1112	1114	1117	rVB	28223	30958	1.14%	0.137%
29	15.362	1141	1144	1155	rBV	426686	568219	20.91%	2.519%
30	15.774	1176	1180	1185	rBV	45336	81968	3.02%	0.363%
31	16.094	1207	1208	1210	rVB2	54893	48665	1.79%	0.216%
32	16.185	1214	1216	1218	rVV3	25413	40450	1.49%	0.179%
33	16.242	1218	1221	1224	rVV	43321	78544	2.89%	0.348%
34	16.528	1242	1246	1248	rVB2	28497	36074	1.33%	0.160%

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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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.768	1264	1267	1274	rBV3	39889	118366	4.36%	0.525%
36	16.894	1277	1278	1279	rVB	43089	29823	1.10%	0.132%
37	17.420	1321	1324	1330	rVB	33328	82098	3.02%	0.364%
38	17.900	1364	1366	1367	rBV	61712	46335	1.71%	0.205%
39	18.174	1387	1390	1395	rVB2	24699	61061	2.25%	0.271%
40	19.088	1465	1470	1472	rBV	32140	66486	2.45%	0.295%

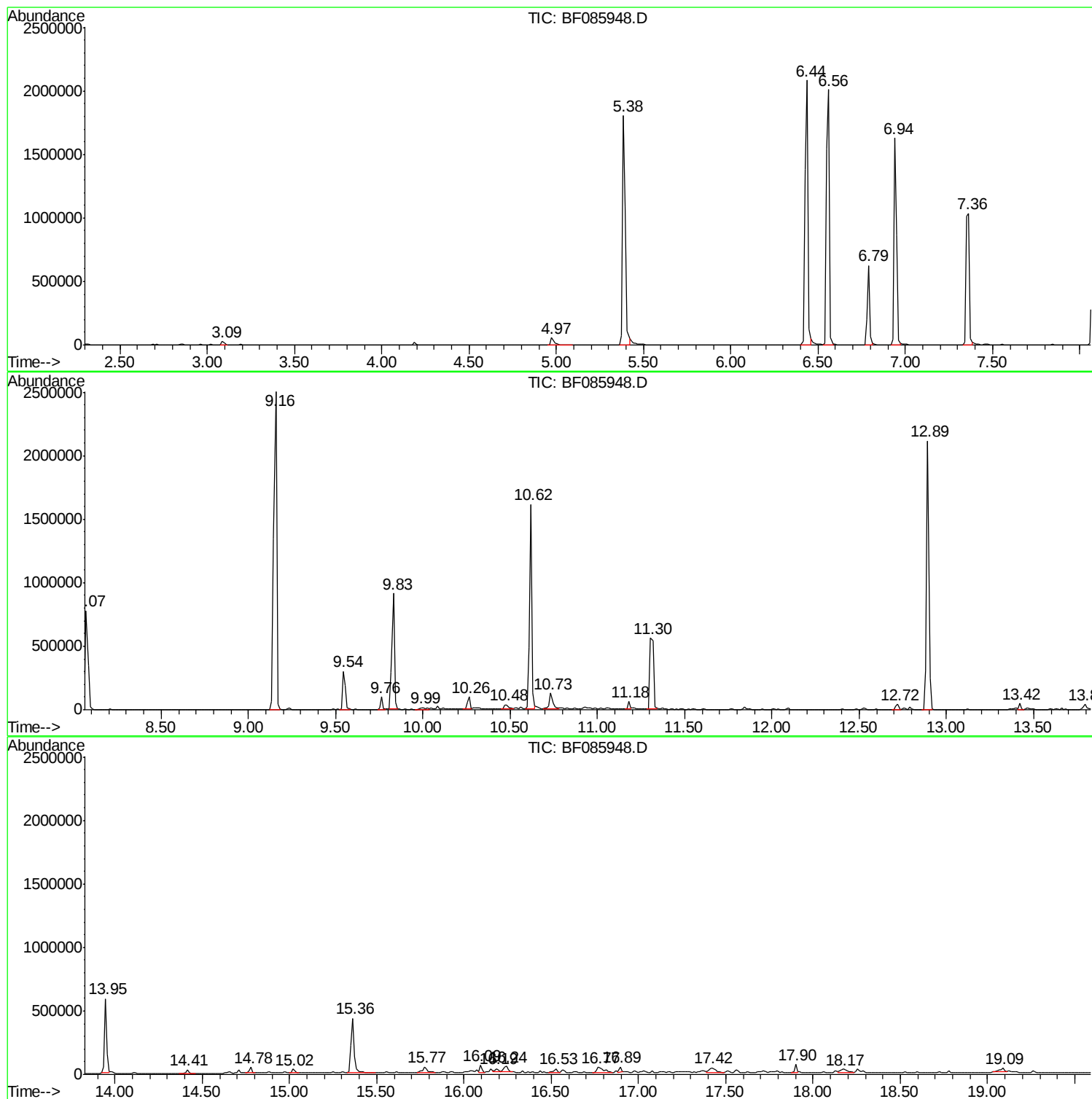
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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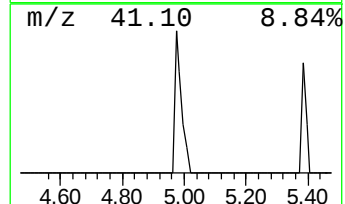
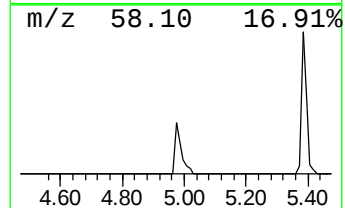
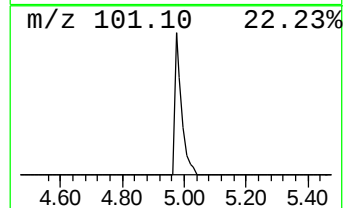
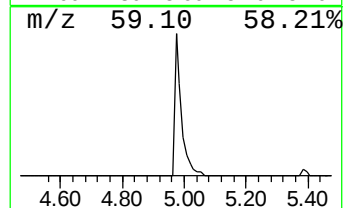
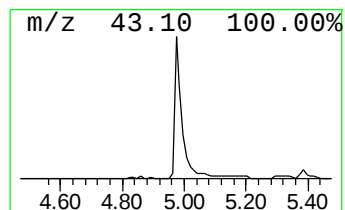
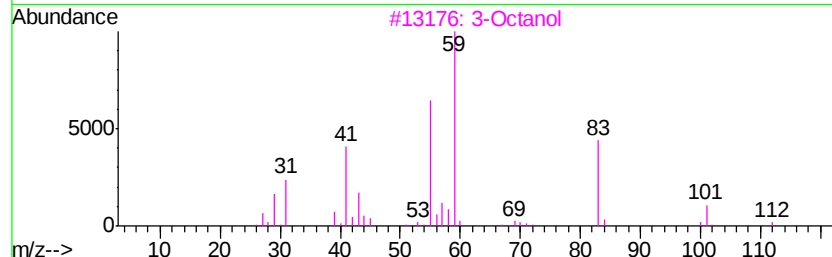
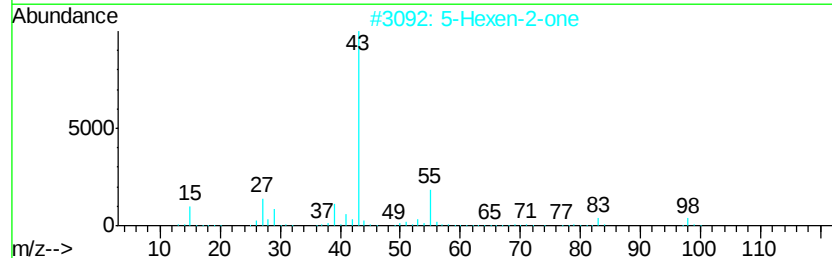
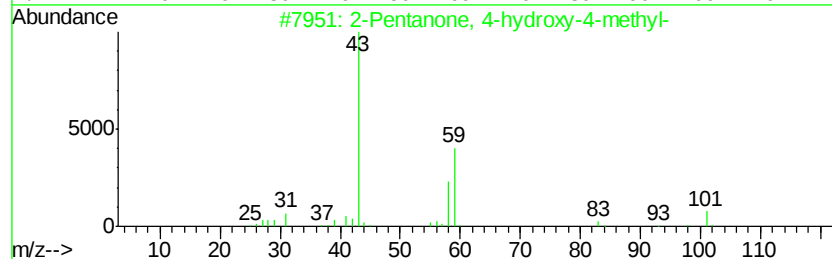
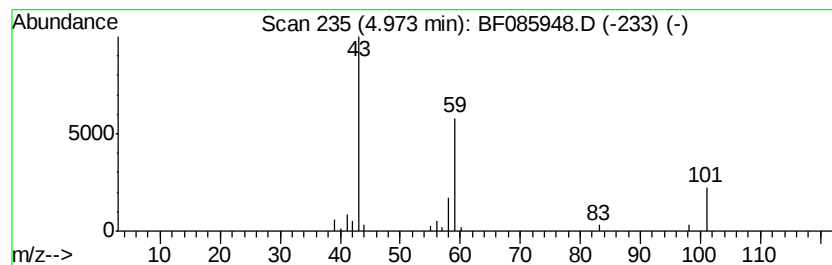
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.97	2.87 ng	88885	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	42		
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
3	3-Octanol	130	C8H18O	000589-98-0	9		
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9		
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9		



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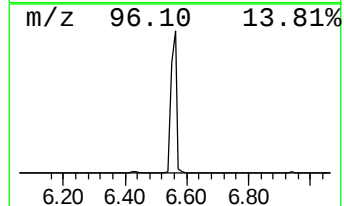
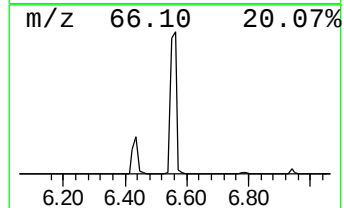
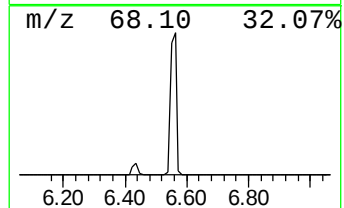
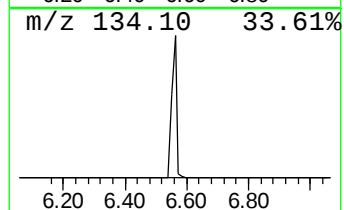
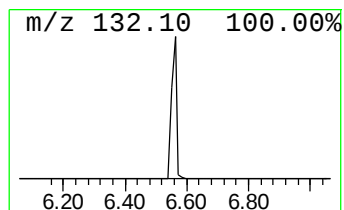
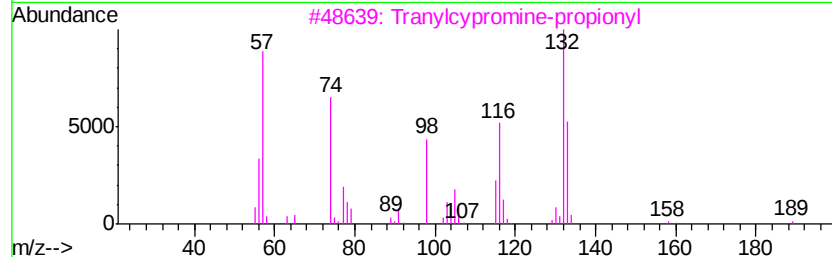
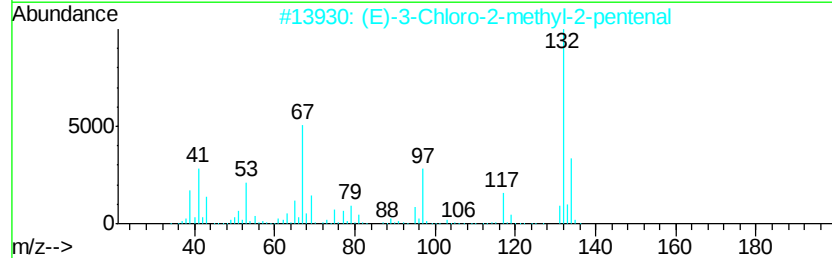
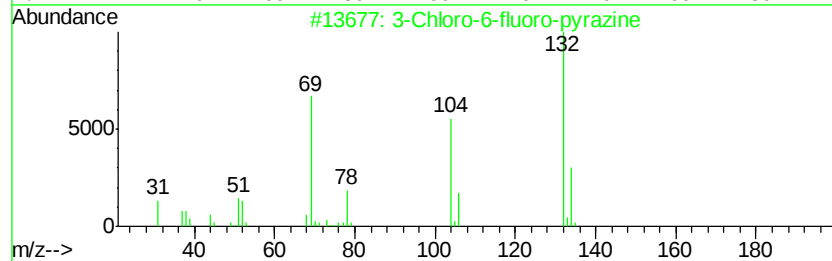
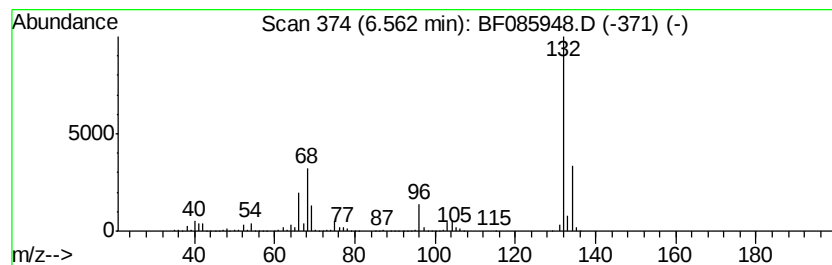
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Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	80.13 ng	2484080	1,4-Dichlorobenzene-d4	6.79

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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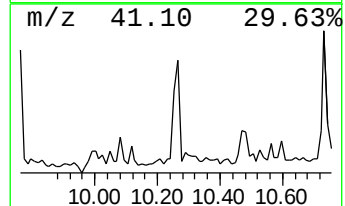
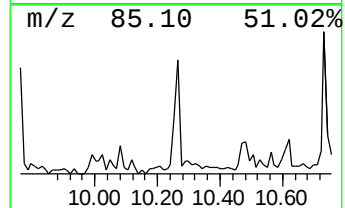
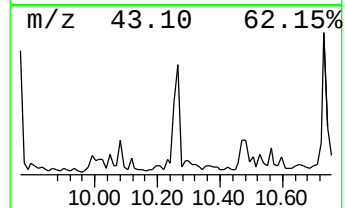
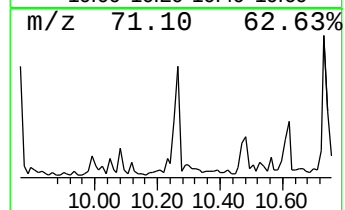
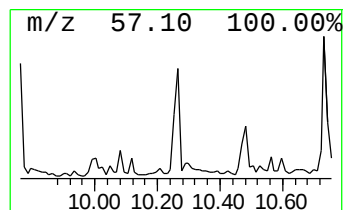
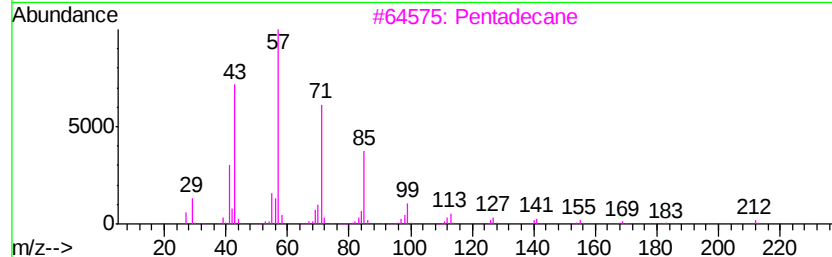
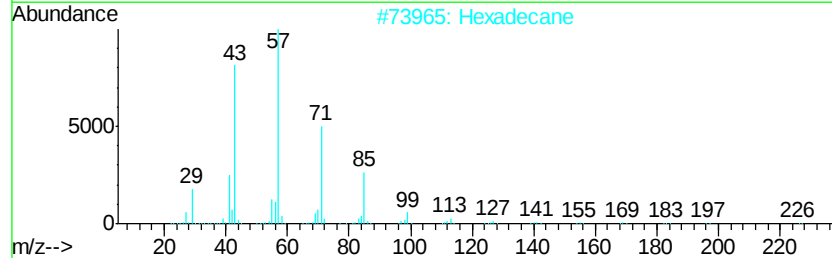
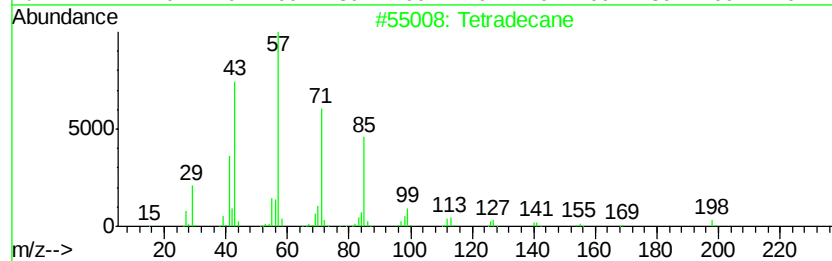
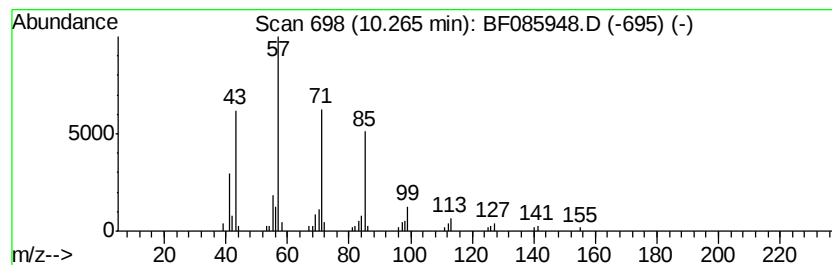
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.26	2.31 ng	99007	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



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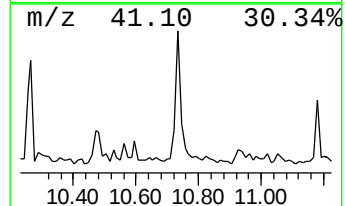
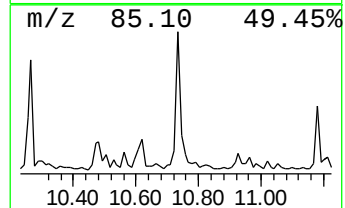
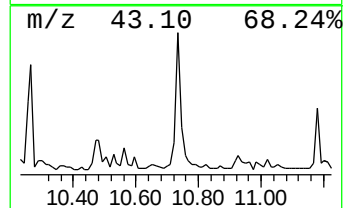
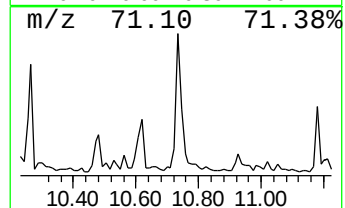
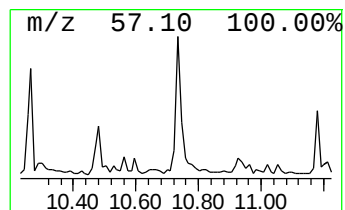
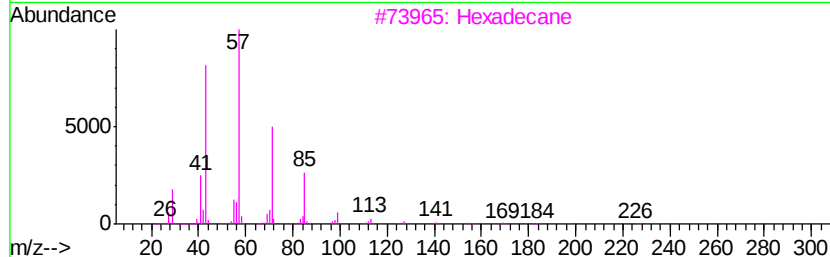
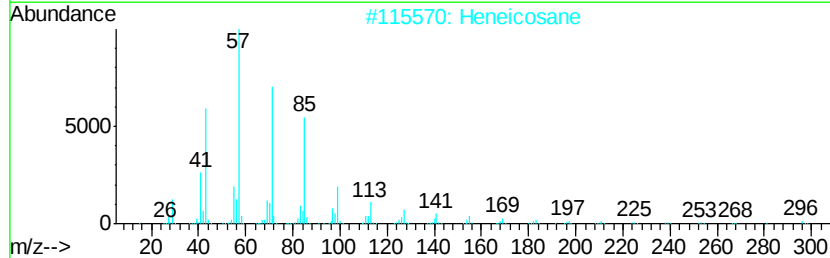
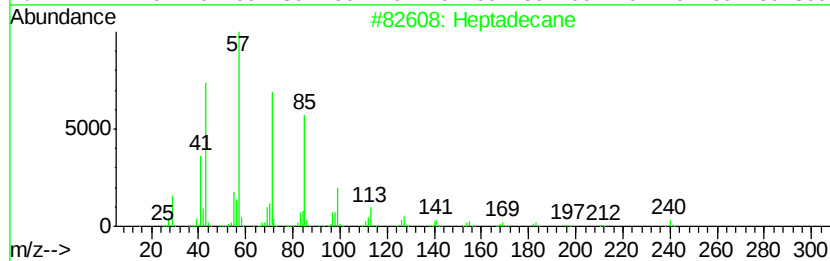
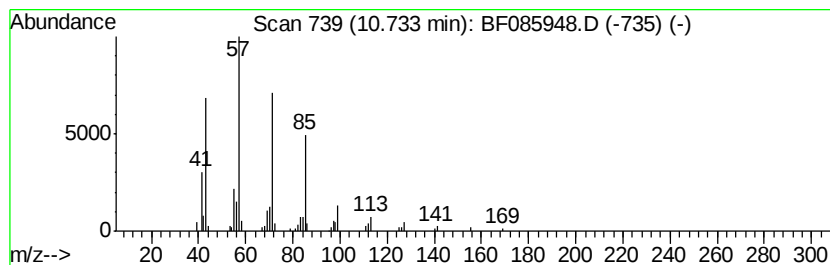
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.75 ng	144833	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tetracosane		338	C24H50	000646-31-1	87
5	Tetradecane		198	C14H30	000629-59-4	86



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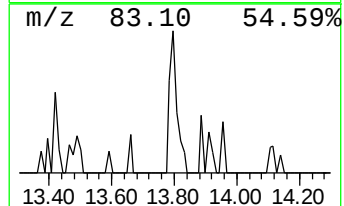
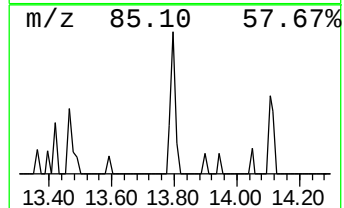
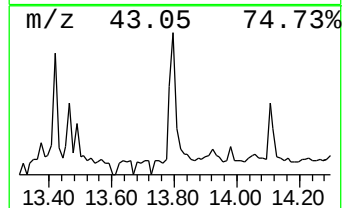
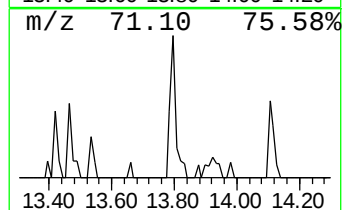
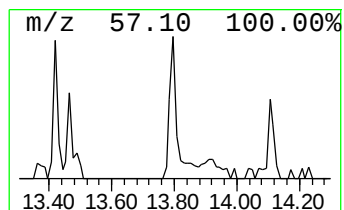
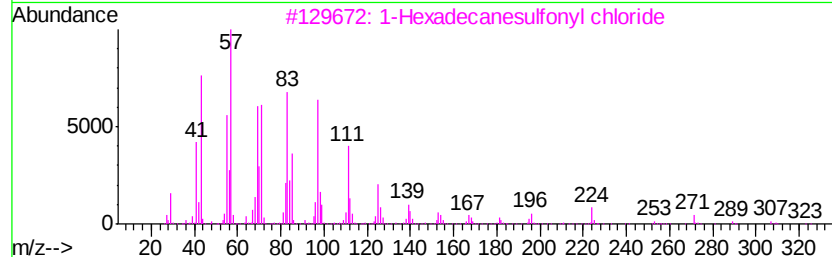
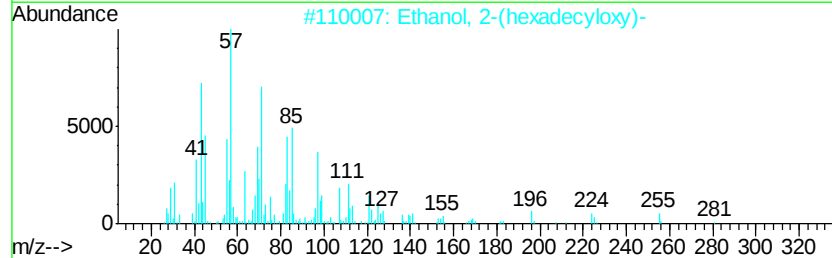
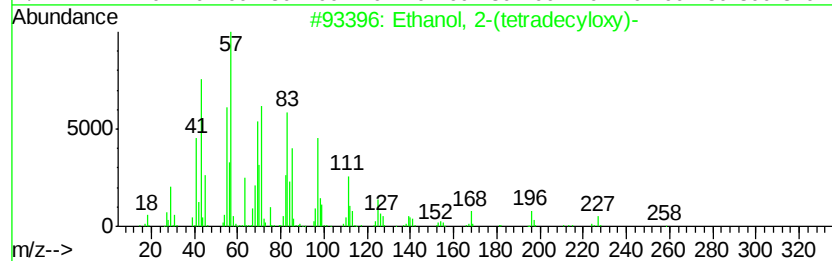
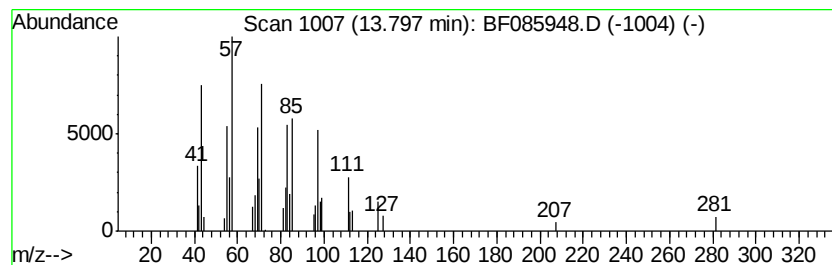
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.80	2.26 ng	61605	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	62
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	62
5		1-Octadecanol	270	C18H38O	000112-92-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085948.D
Acq On : 1 Apr 2016 1:08
Operator : UM/SJ
Sample : H2010-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB26COMP0.5-15.0

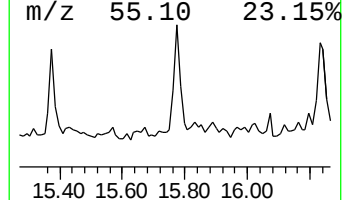
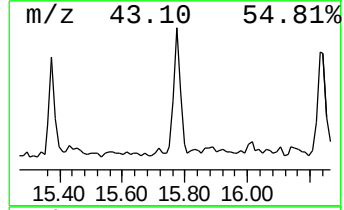
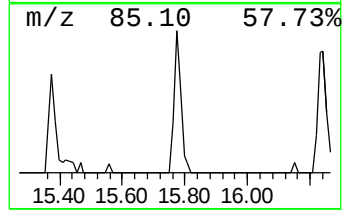
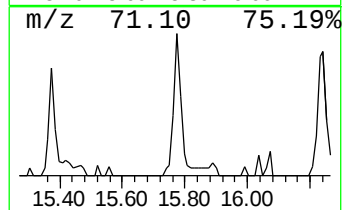
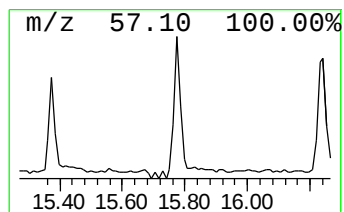
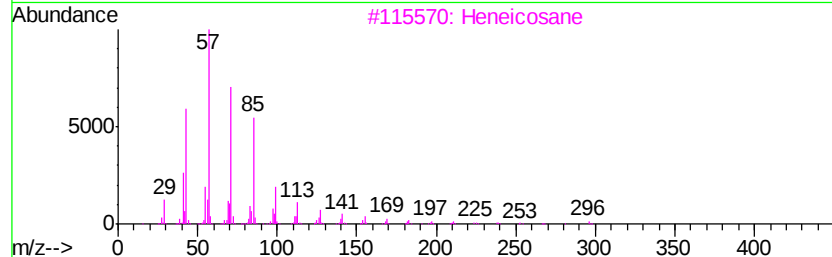
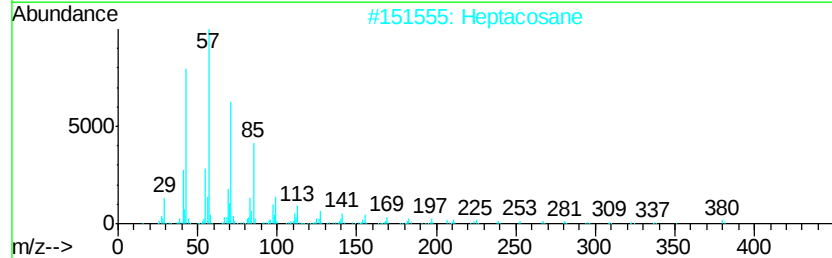
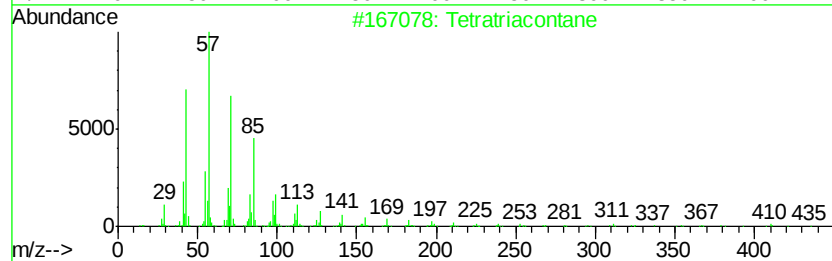
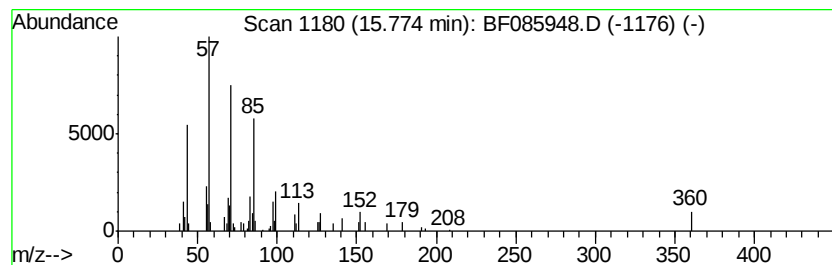
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetratriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.89 ng	81968	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Triacontane	422	C30H62	000638-68-6	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
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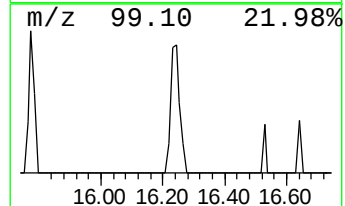
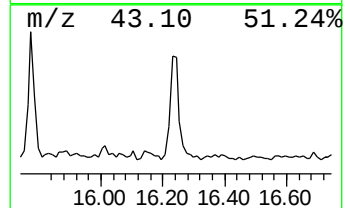
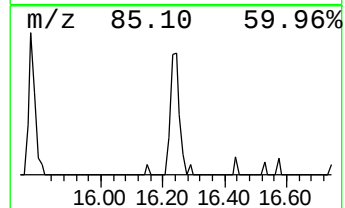
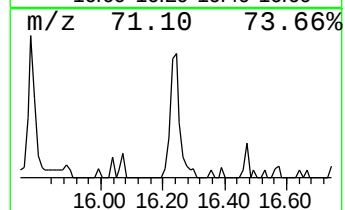
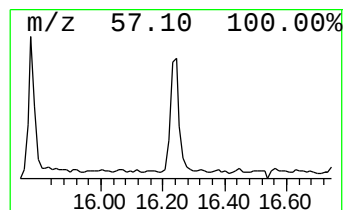
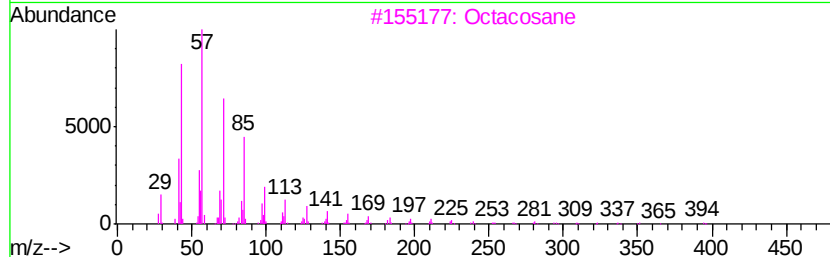
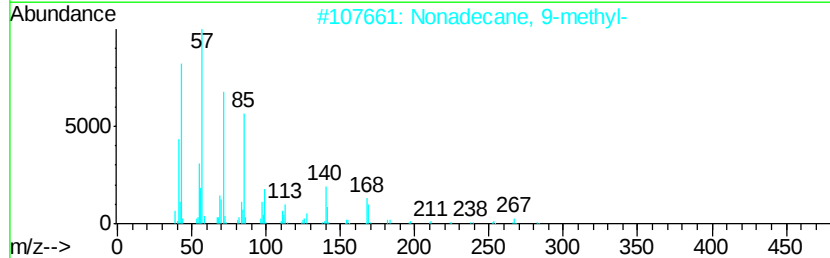
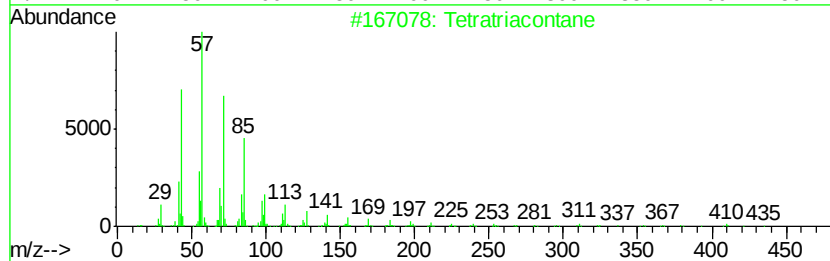
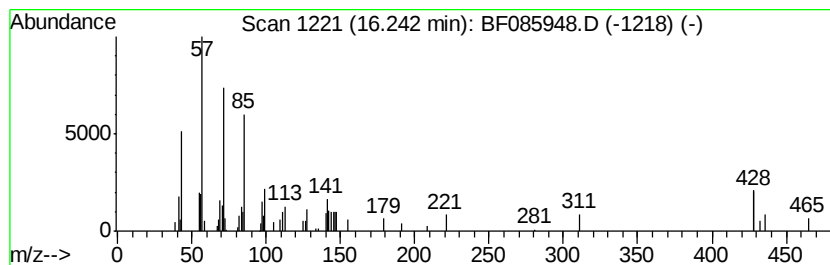
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.76 ng	78544	Perylene-d12	15.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetratriacontane	479 C34H70	014167-59-0 58
2		Nonadecane, 9-methyl-	282 C20H42	013287-24-6 53
3		Octacosane	394 C28H58	000630-02-4 53
4		Heneicosane	296 C21H44	000629-94-7 53
5		10-Methylnonadecane	282 C20H42	056862-62-5 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085948.D
Acq On : 1 Apr 2016 1:08
Operator : UM/SJ
Sample : H2010-04
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AMBOY-SB26COMP0.5-15.0

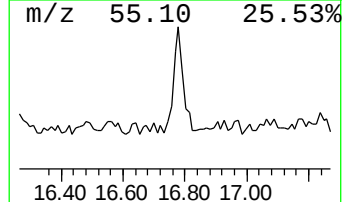
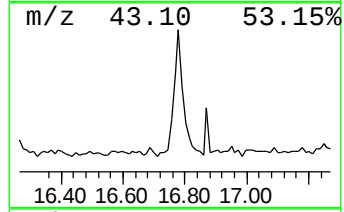
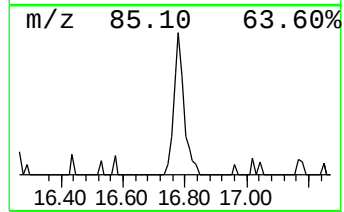
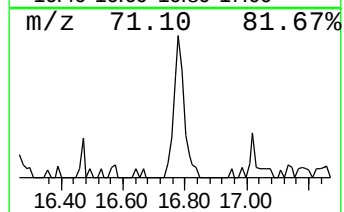
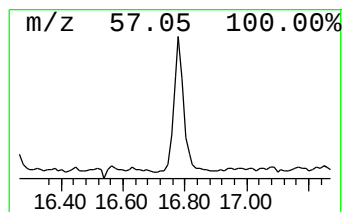
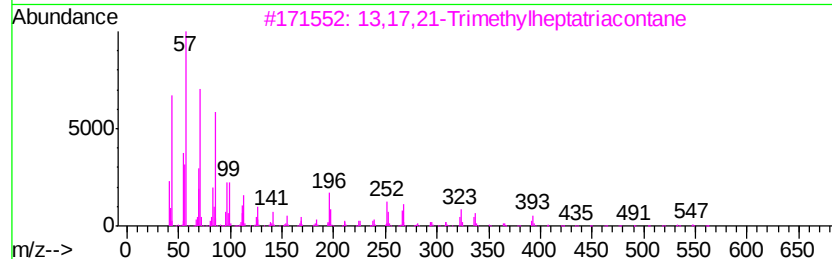
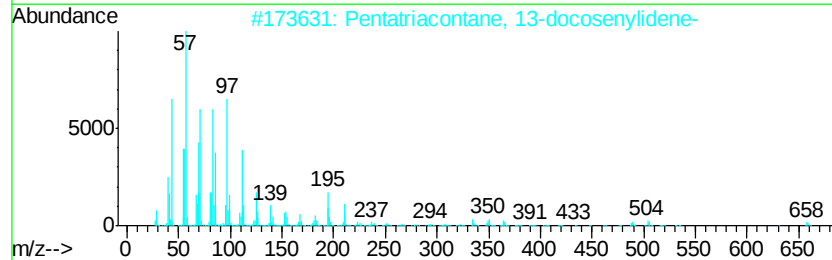
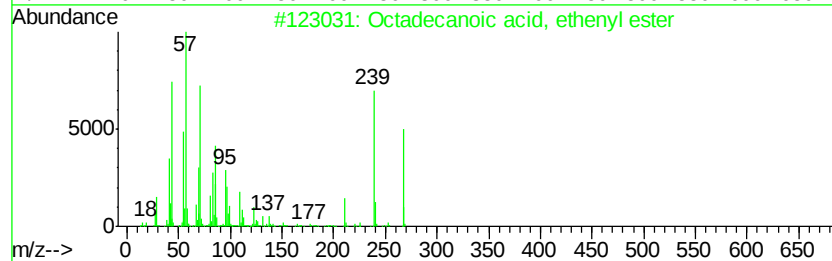
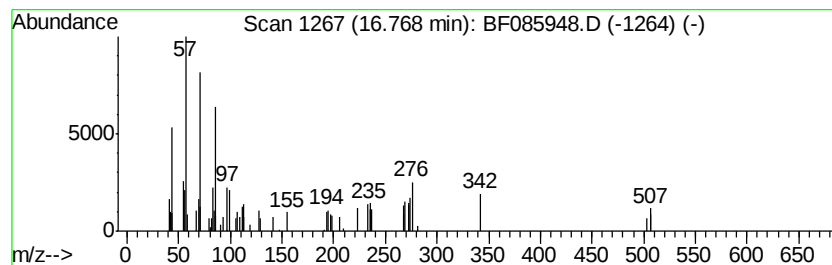
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.17 ng	118366	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	25
2		Pentatriacontane, 13-docosenylid...	659	C47H94	1000156-09-1	25
3		13,17,21-Trimethylheptatriacontane	563	C40H82	058668-40-9	22
4		Stearic acid hydrazide	298	C18H38N2O	004130-54-5	17
5		18-Pentatriacontanone	507	C35H70O	000504-53-0	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085948.D
Acq On : 1 Apr 2016 1:08
Operator : UM/SJ
Sample : H2010-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AMBOY-SB26COMP0.5-15.0

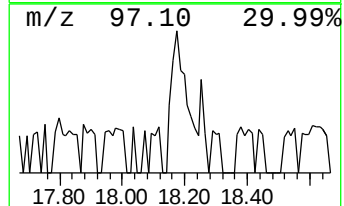
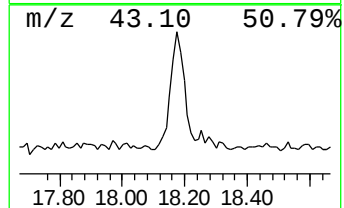
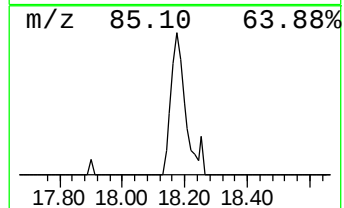
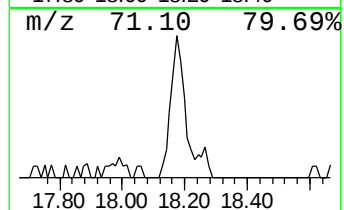
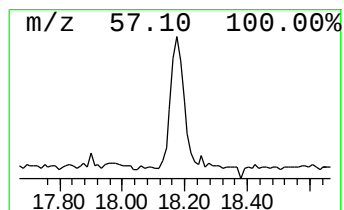
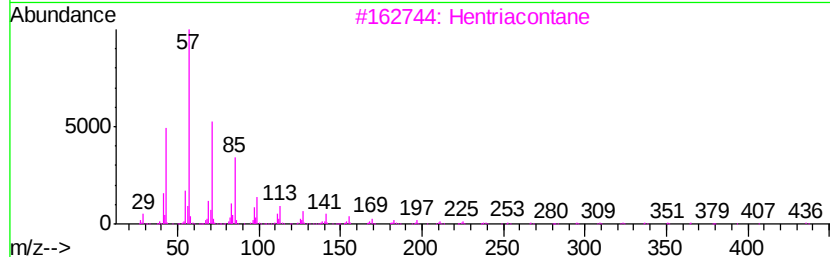
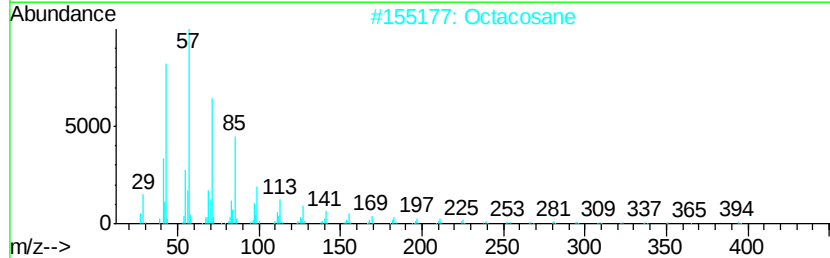
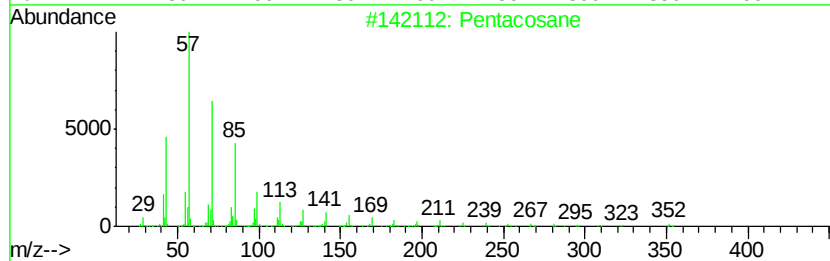
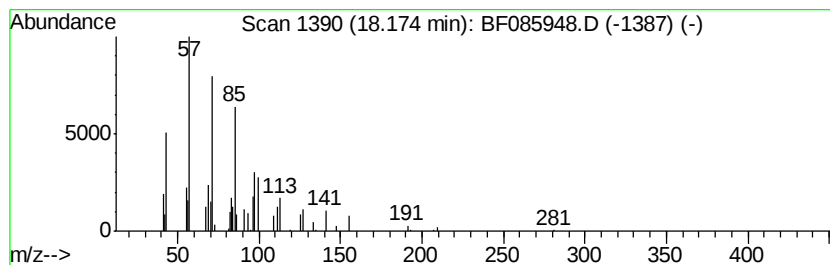
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.15 ng	61061	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Hentriacontane	437	C31H64	000630-04-6	86
4		Tetratriacontane	479	C34H70	014167-59-0	80
5		Heptacosane	380	C27H56	000593-49-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085948.D
Acq On : 1 Apr 2016 1:08
Operator : UM/SJ
Sample : H2010-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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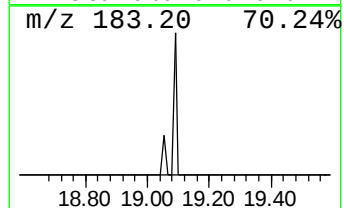
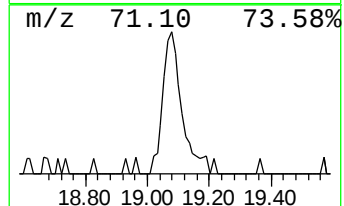
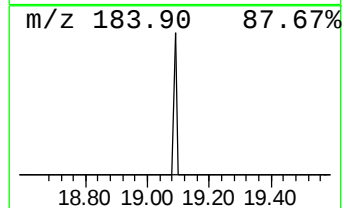
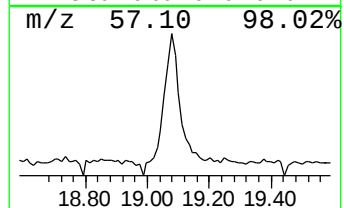
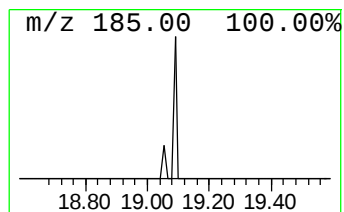
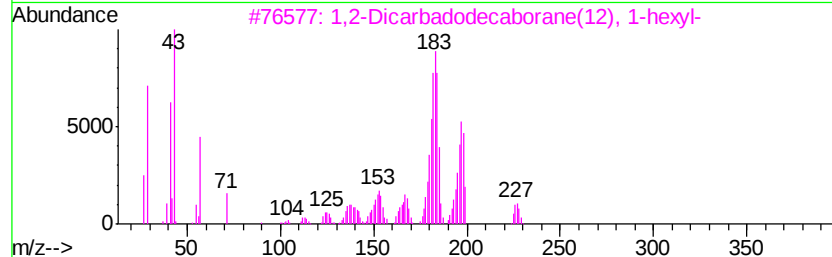
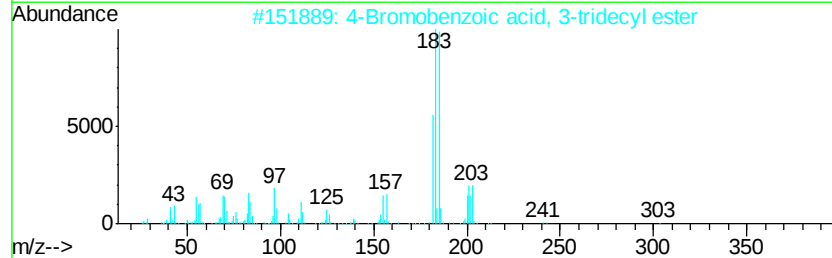
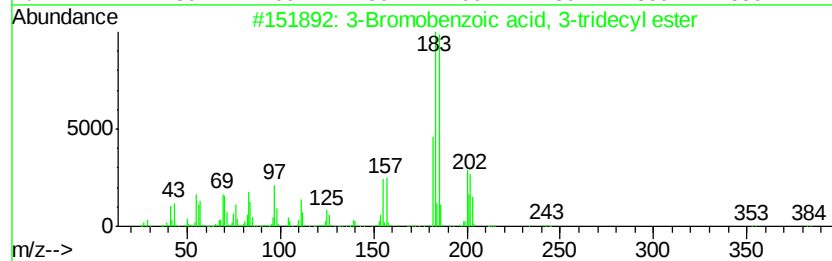
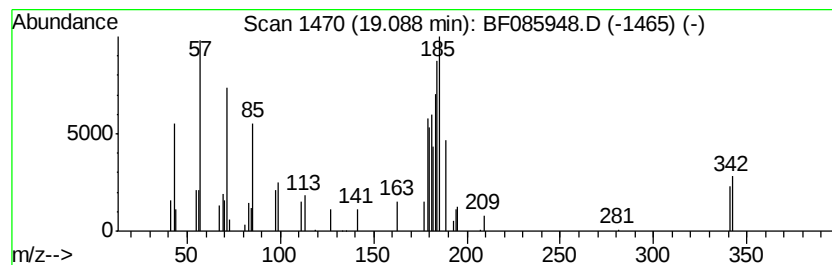
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown19.09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.34 ng	66486	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Bromobenzoic acid, 3-tridecyl ...	382	C20H31BrO2	1000282-11-9	22
2		4-Bromobenzoic acid, 3-tridecyl ...	382	C20H31BrO2	1000282-08-8	22
3		1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	16
4		4-Bromobenzoic acid, 4-tridecyl ...	382	C20H31BrO2	1000282-08-9	12
5		4-Bromobenzoic acid, 3-tetradecy...	396	C21H33BrO2	1000282-09-2	10



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Instrument :
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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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unknown6.56	6.56	80.1	ng	2484080	1	6.79	620004	20.0
Tetradecane	10.26	2.3	ng	99007	3	9.83	855759	20.0
Heptadecane	10.73	3.8	ng	144833	4	11.32	773282	20.0
Ethanol, 2-(tetra...	13.80	2.3	ng	61605	5	13.95	545395	20.0
Tetratriacontane	15.77	2.9	ng	81968	6	15.36	568219	20.0
Nonadecane, 9-met...	16.24	2.8	ng	78544	6	15.36	568219	20.0
unknown16.77	16.77	4.2	ng	118366	6	15.36	568219	20.0
Pentacosane	18.17	2.1	ng	61061	6	15.36	568219	20.0
unknown19.09	19.09	2.3	ng	66486	6	15.36	568219	20.0