

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
 Data File : BF083183.D
 Acq On : 23 Nov 2015 3:03
 Operator : UM/IZ
 Sample : G4475-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H1

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-BF112115.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	3.130	98	100	108	rVB2	22359	55537	1.02%	0.121%
2	4.798	243	246	257	rVB	1869527	2847178	52.27%	6.209%
3	5.256	283	286	298	rBV	4691847	5087035	93.39%	11.093%
4	6.319	376	379	381	rBV	5019209	5447234	100.00%	11.878%
5	6.421	386	388	391	rBV	4469009	4734718	86.92%	10.324%
6	6.650	406	408	410	rBV	1391764	1259403	23.12%	2.746%
7	6.810	419	422	424	rBV	3267572	3649681	67.00%	7.958%
8	7.222	455	458	460	rBV	3303480	3280643	60.23%	7.154%
9	7.347	467	469	473	rVB	44486	55286	1.01%	0.121%
10	7.942	518	521	523	rBV	1176438	1492237	27.39%	3.254%
11	9.016	612	615	618	rBV	4541692	4172500	76.60%	9.098%
12	9.416	648	650	653	rBV	1247836	1085620	19.93%	2.367%
13	9.633	667	669	671	rBV	89921	83541	1.53%	0.182%
14	9.690	671	674	676	rBV	1080344	1543965	28.34%	3.367%
15	10.136	711	713	715	rVB	131853	114720	2.11%	0.250%
16	10.353	729	732	735	rBV	43333	66576	1.22%	0.145%
17	10.468	740	742	745	rBV	2200643	2402619	44.11%	5.239%
18	10.605	752	754	758	rBV	156858	180572	3.31%	0.394%
19	11.050	789	793	794	rBV2	95924	96732	1.78%	0.211%
20	11.165	800	803	805	rBV	965640	1354428	24.86%	2.953%
21	11.210	805	807	813	rVB5	27979	67064	1.23%	0.146%
22	11.416	821	825	828	rBV4	27740	72933	1.34%	0.159%
23	11.713	848	851	855	rBV2	257537	300976	5.53%	0.656%
24	12.365	906	908	909	rBV	75102	70274	1.29%	0.153%
25	12.411	909	912	915	rVV3	37952	88826	1.63%	0.194%
26	12.491	917	919	922	rVV	239798	279390	5.13%	0.609%
27	12.593	925	928	931	rVV2	57812	101317	1.86%	0.221%
28	12.742	939	941	944	rBV	2856740	2736572	50.24%	5.967%
29	13.222	981	983	986	rBV4	29957	55755	1.02%	0.122%
30	13.314	989	991	994	rBV2	25809	58785	1.08%	0.128%
31	13.656	1019	1021	1024	rBV	148393	200156	3.67%	0.436%
32	13.782	1030	1032	1037	rBV	1288876	1361992	25.00%	2.970%
33	14.274	1073	1075	1081	rBV5	54586	179107	3.29%	0.391%
34	14.777	1117	1119	1123	rVB	70653	128902	2.37%	0.281%

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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 >
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35	14.868	1125	1127	1129	rVB	103293	119218	2.19%	0.260%
36	15.154	1149	1152	1155	rBV	621288	889543	16.33%	1.940%
37	15.577	1186	1189	1191	rBV	81130	138280	2.54%	0.302%

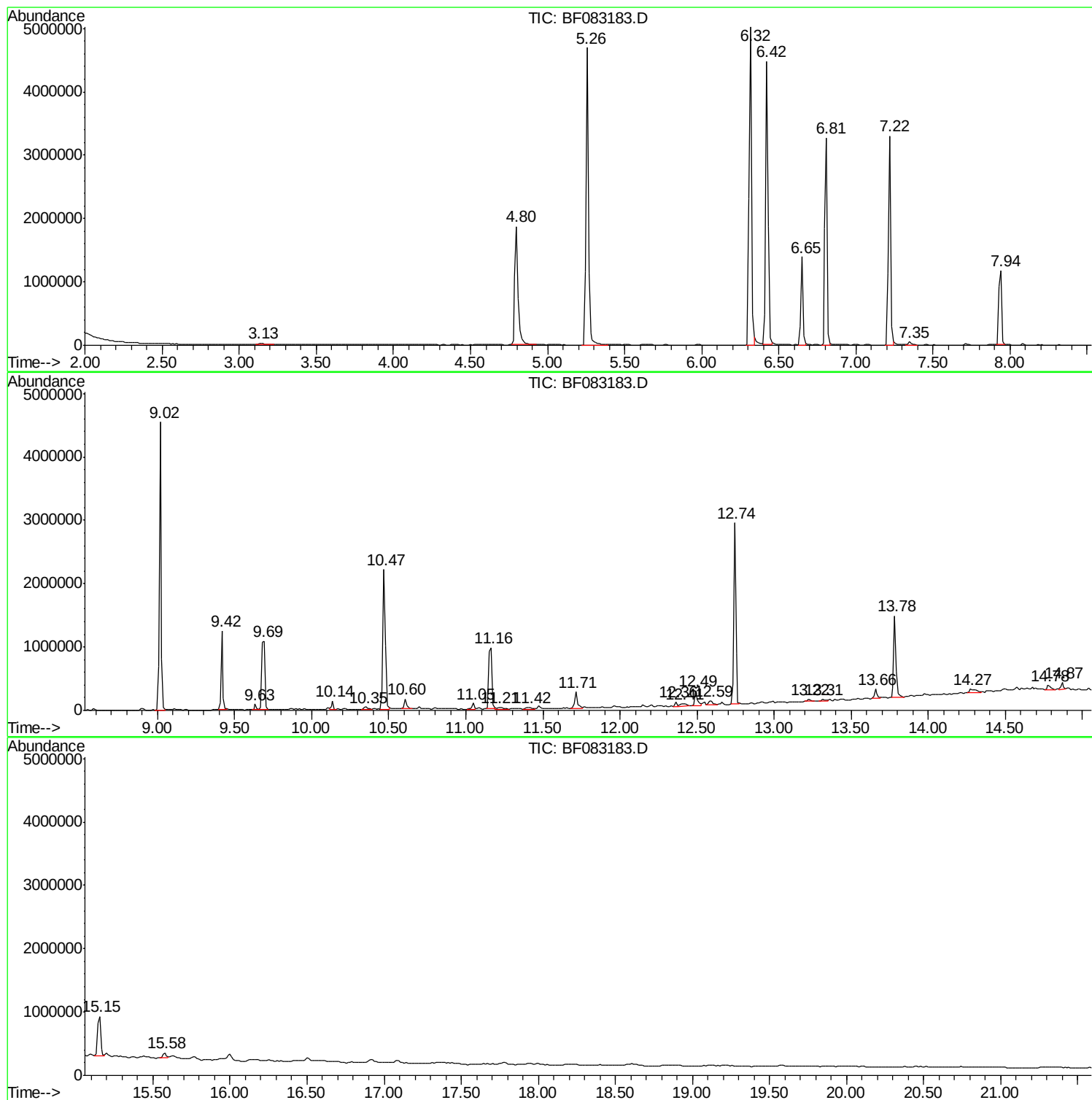
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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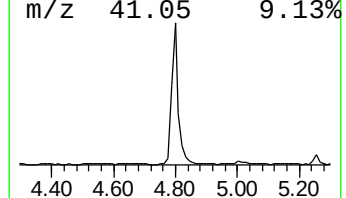
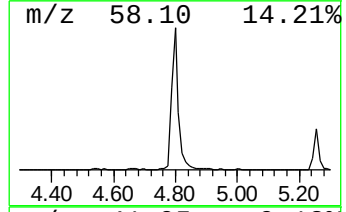
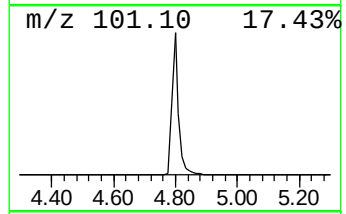
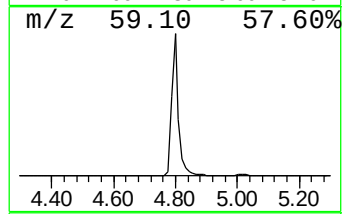
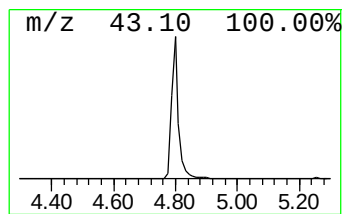
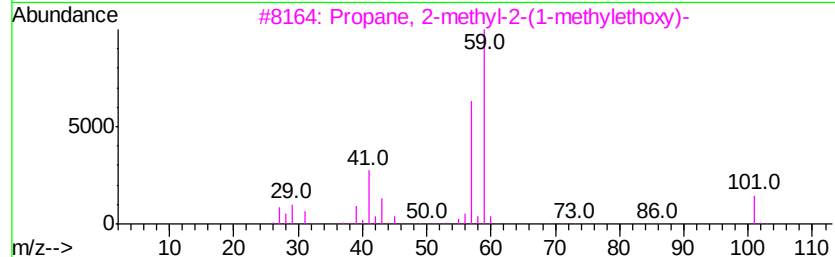
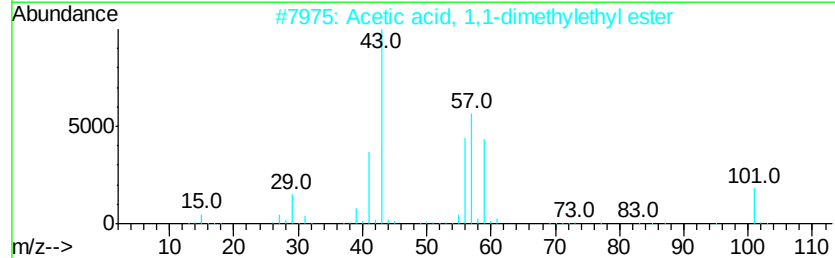
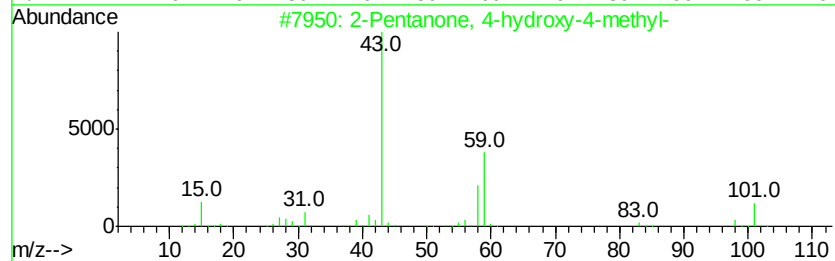
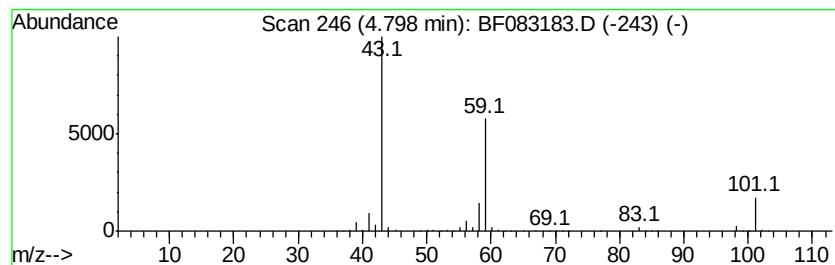
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	45.21 ng	2847180	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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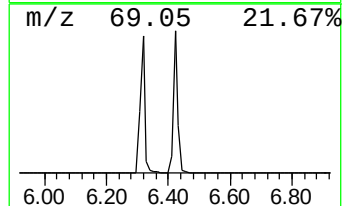
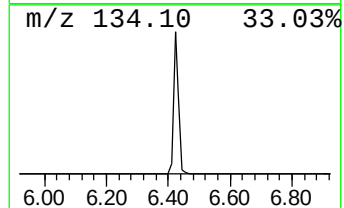
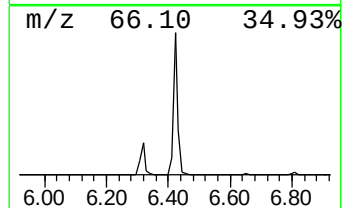
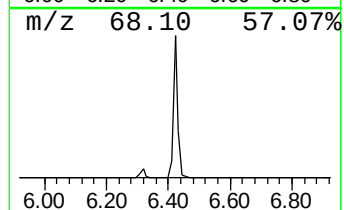
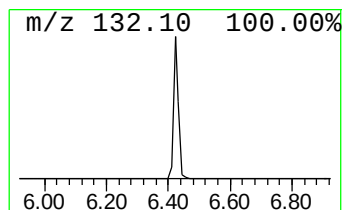
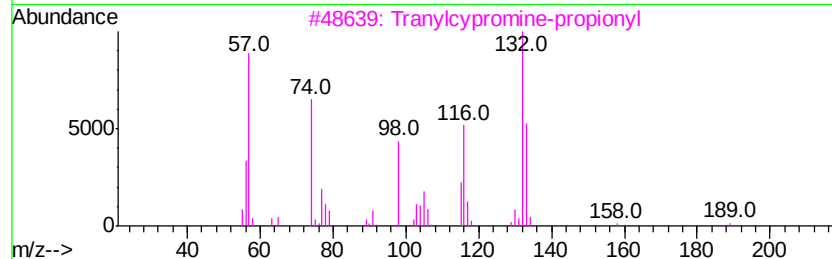
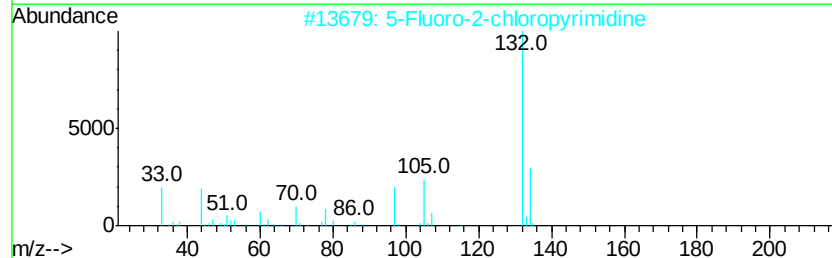
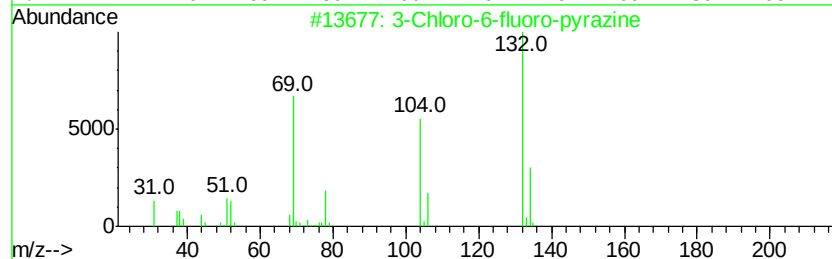
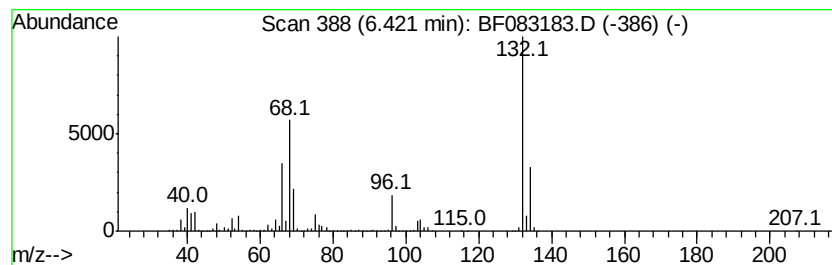
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Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	75.19 ng	4734720	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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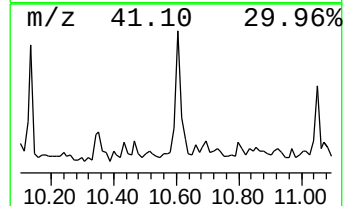
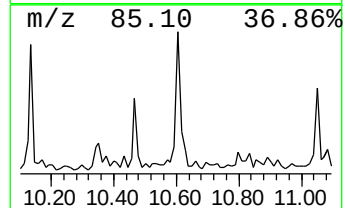
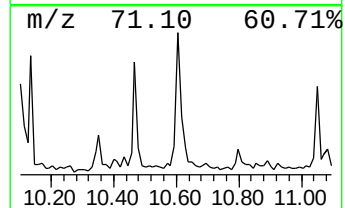
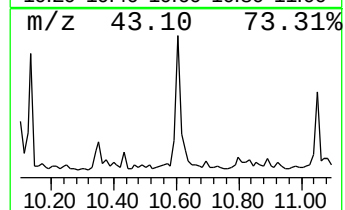
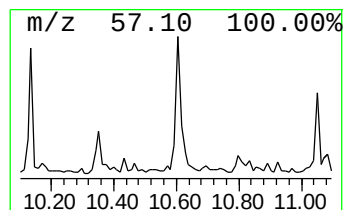
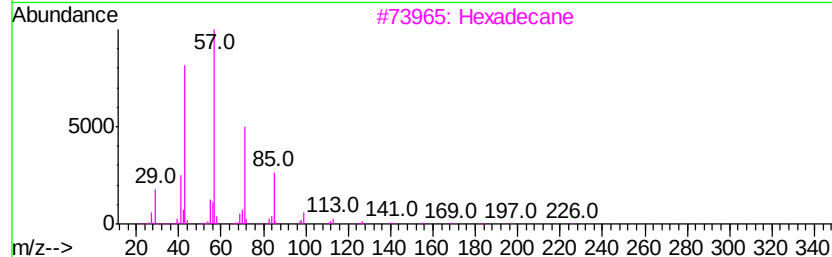
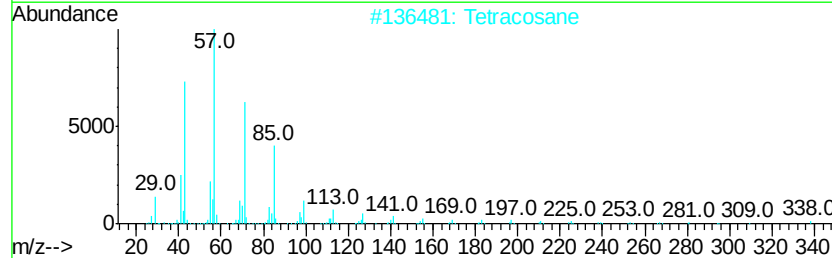
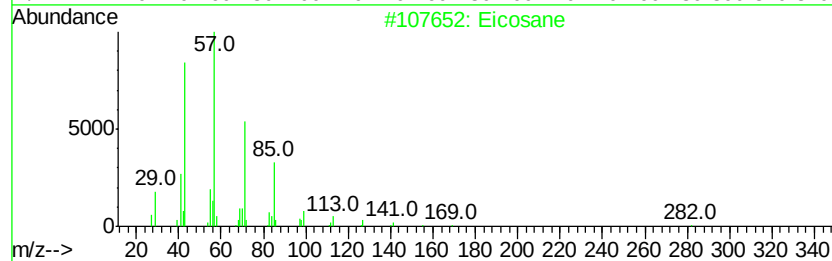
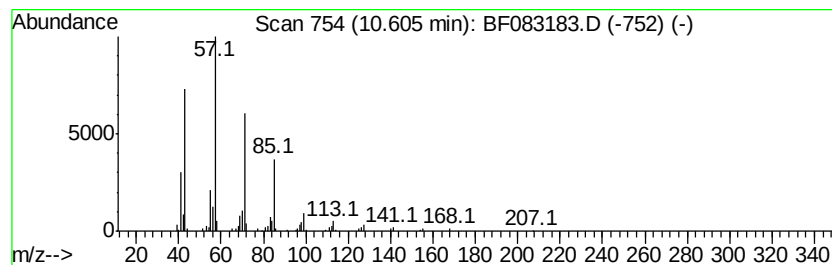
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.60	2.67 ng	180572	Phenanthrene-d10		11.16
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	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Heptacosane	380	C27H56	000593-49-7	86



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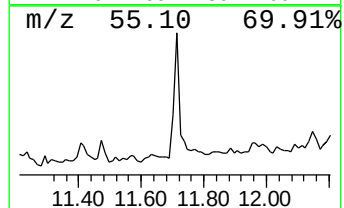
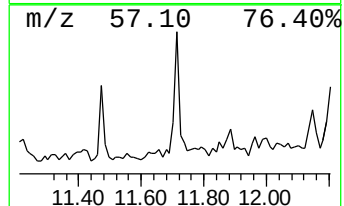
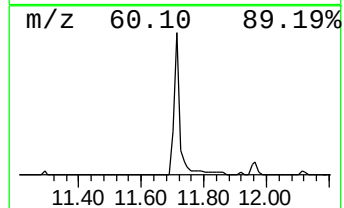
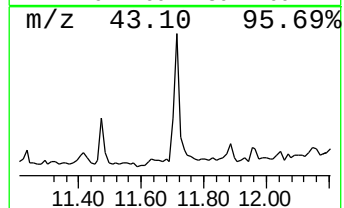
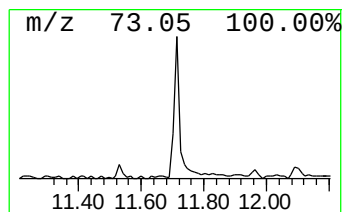
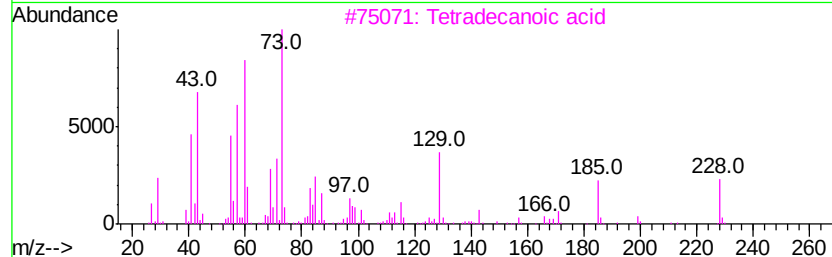
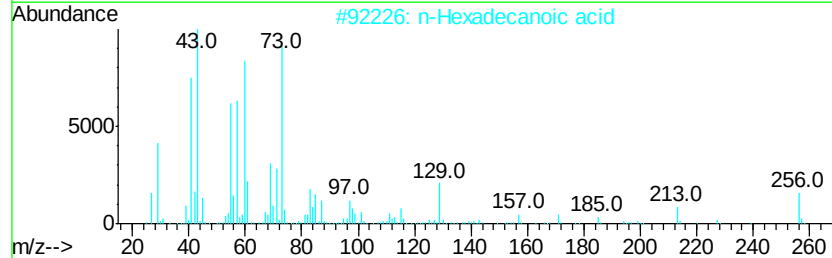
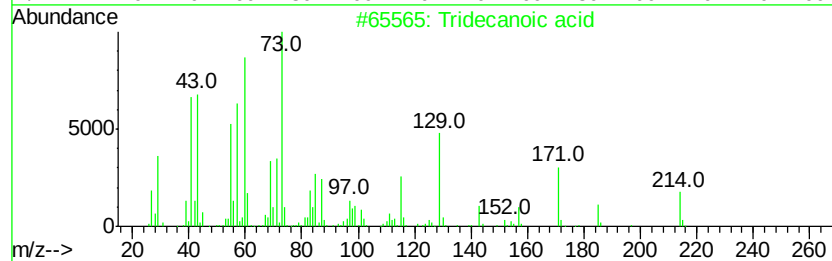
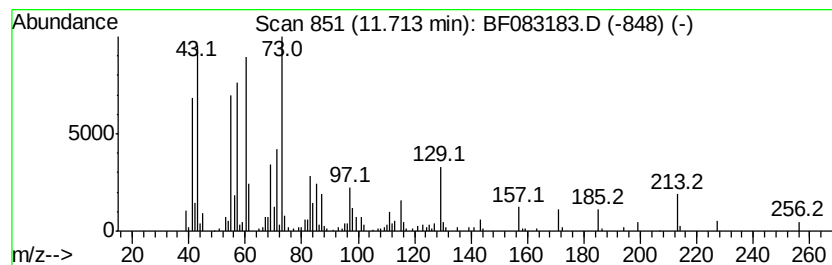
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.44 ng	300976	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Dodecane	170	C12H26	000112-40-3	11
5		Undecane	156	C11H24	001120-21-4	11



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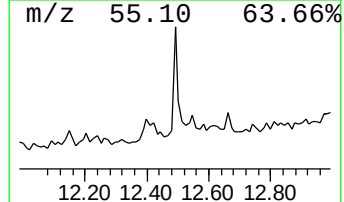
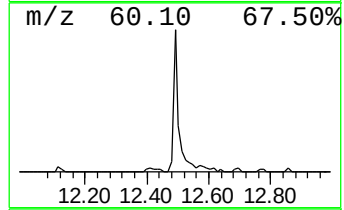
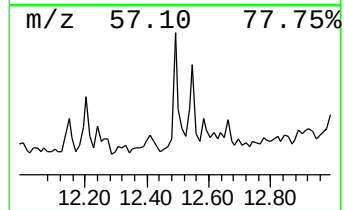
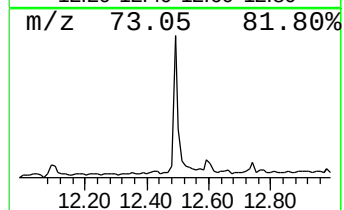
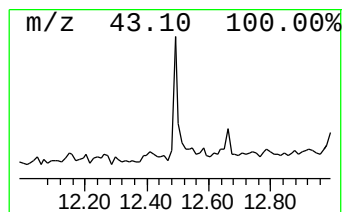
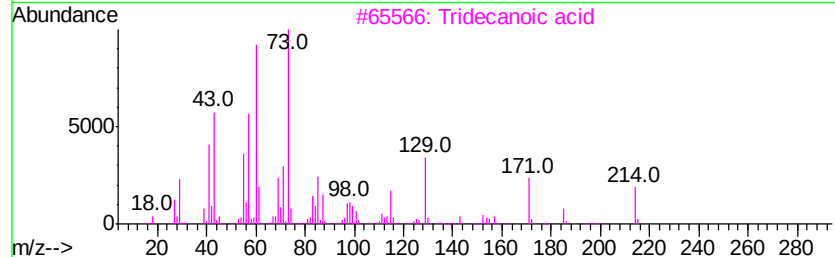
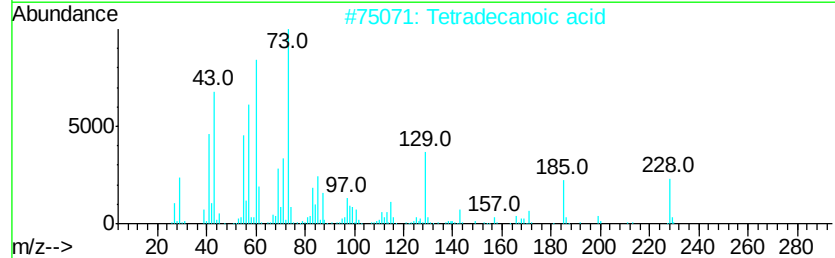
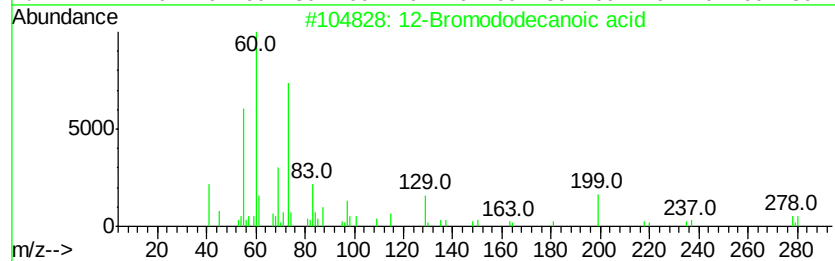
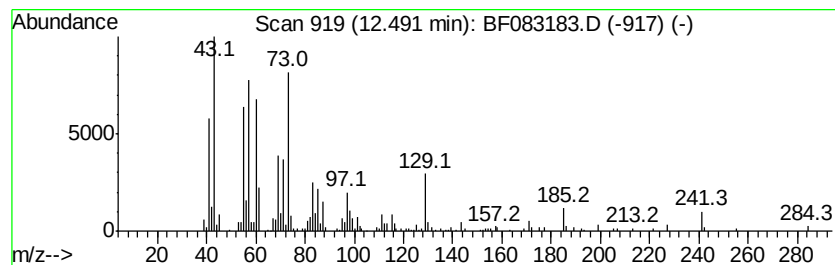
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 12-Bromododecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	4.10 ng	279390	Chrysene-d12	13.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43



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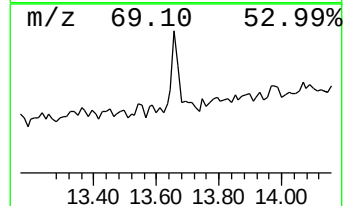
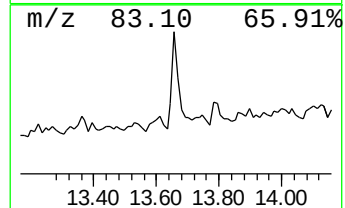
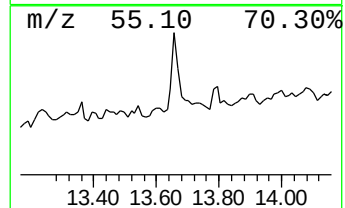
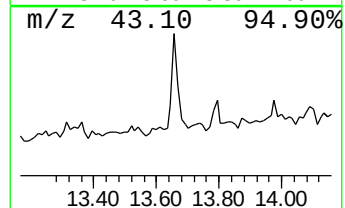
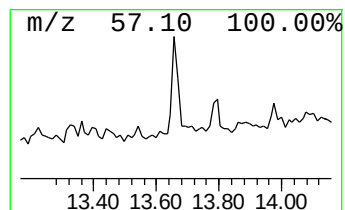
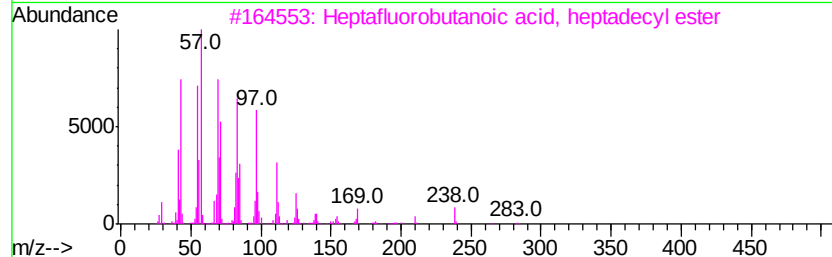
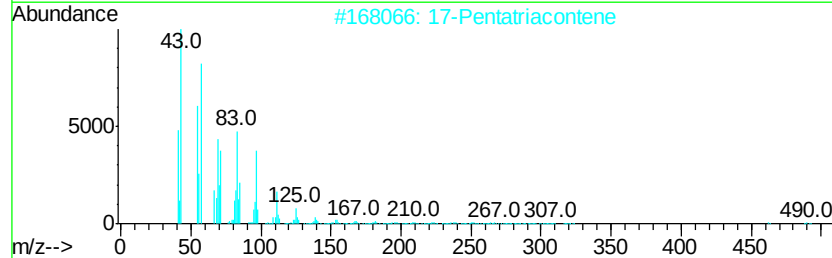
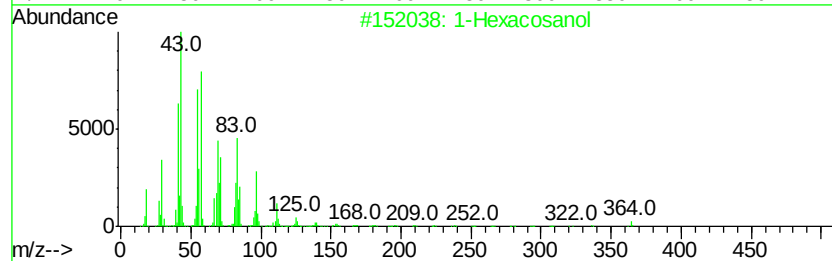
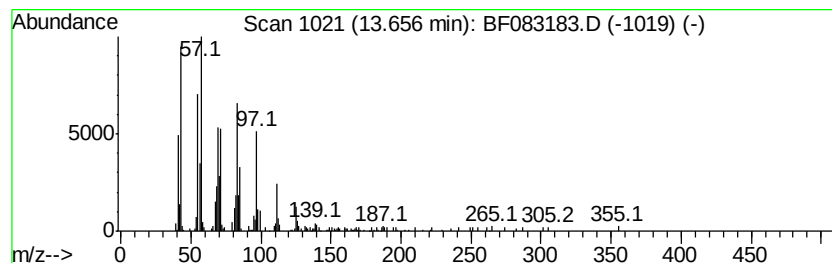
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.66	2.94 ng	200156	Chrysene-d12		13.78
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Cyclopentadecane	210	C15H30	000295-48-7	89
5	Cyclotetradecane	196	C14H28	000295-17-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
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Acq On : 23 Nov 2015 3:03
Operator : UM/IZ
Sample : G4475-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

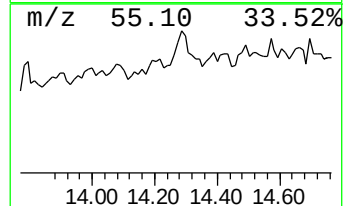
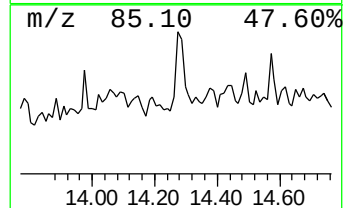
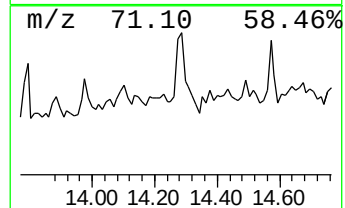
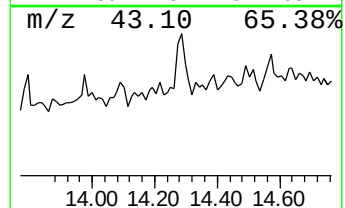
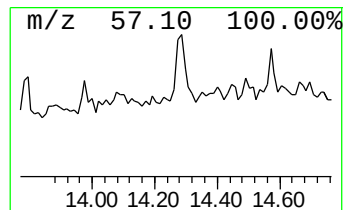
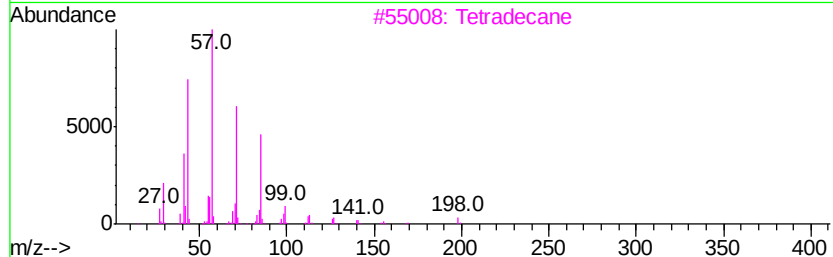
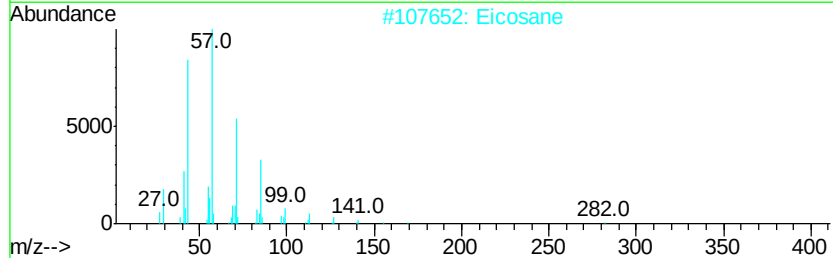
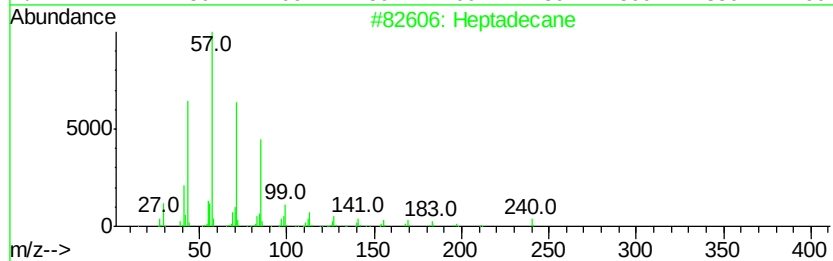
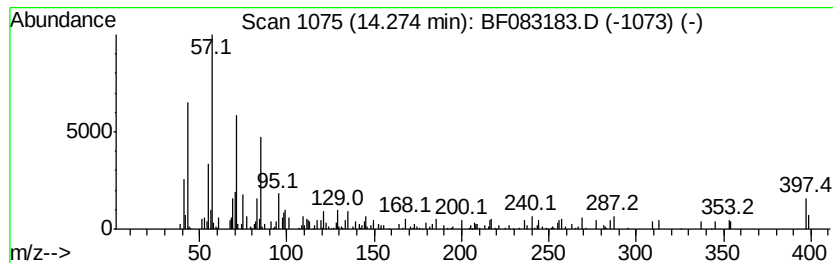
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.63 ng	179107	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	53
2	Eicosane	282 C20H42	000112-95-8	49
3	Tetradecane	198 C14H30	000629-59-4	49
4	Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4	47
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083183.D
Acq On : 23 Nov 2015 3:03
Operator : UM/IZ
Sample : G4475-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

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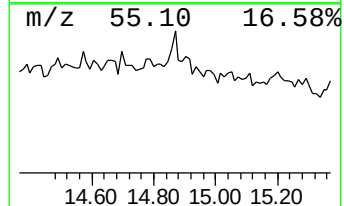
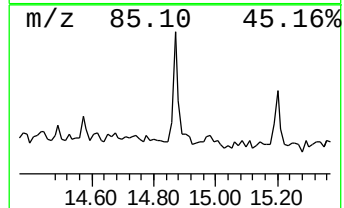
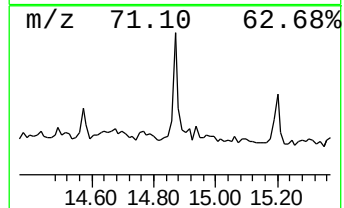
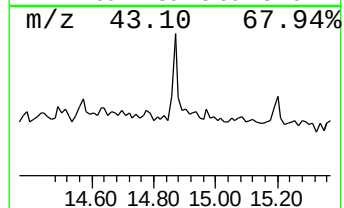
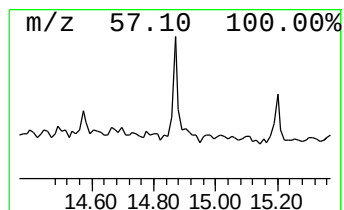
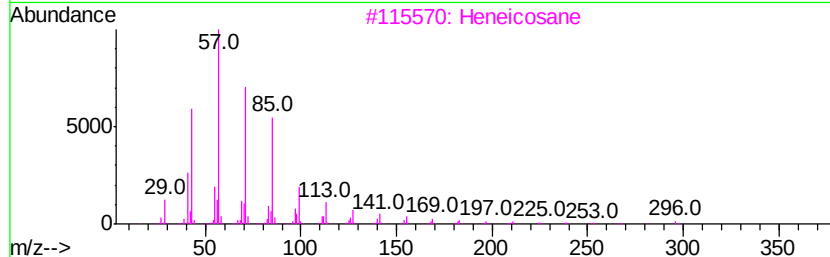
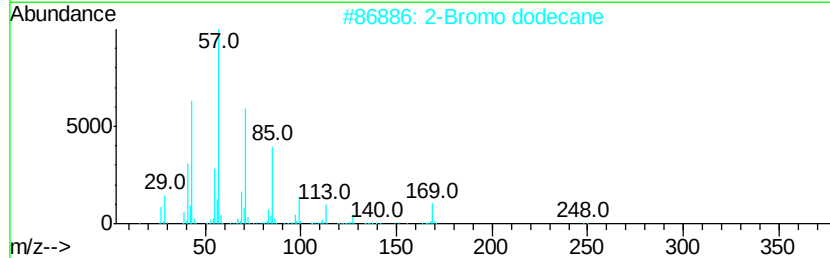
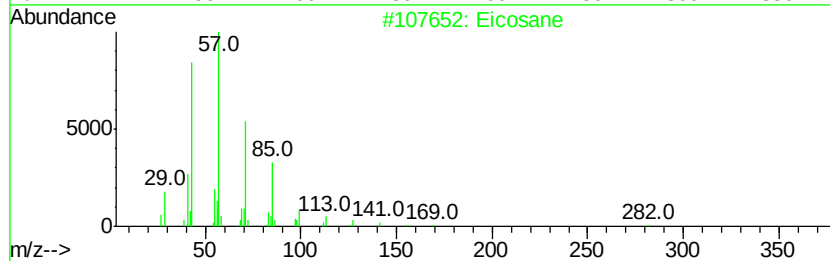
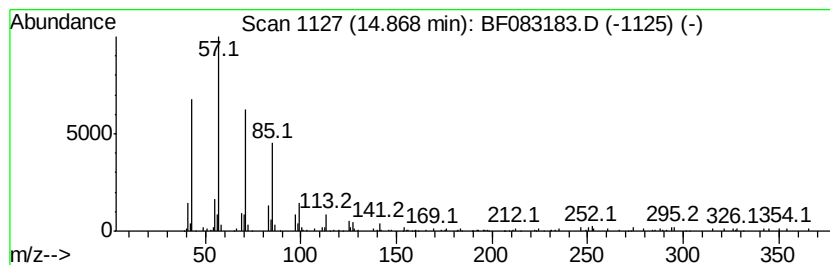
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.68 ng	119218	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	80
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
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Acq On : 23 Nov 2015 3:03
Operator : UM/IZ
Sample : G4475-01
Misc :
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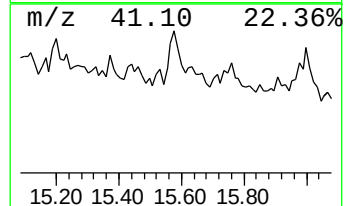
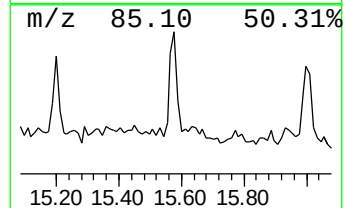
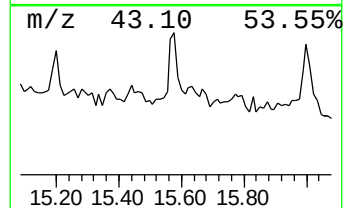
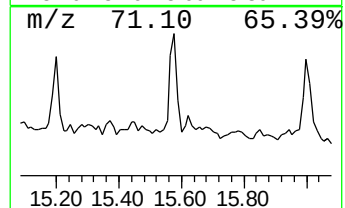
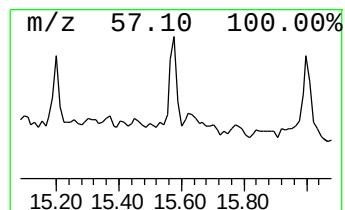
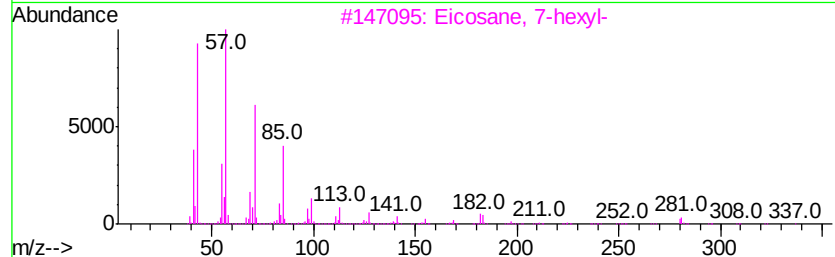
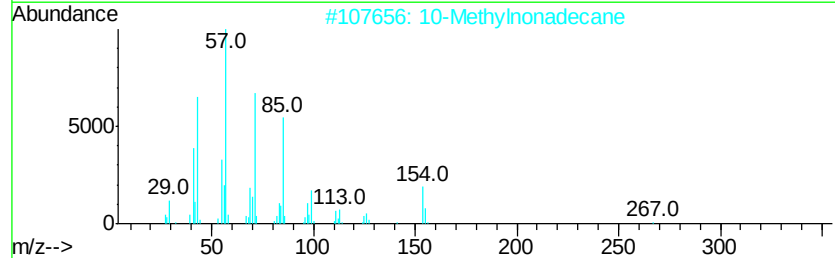
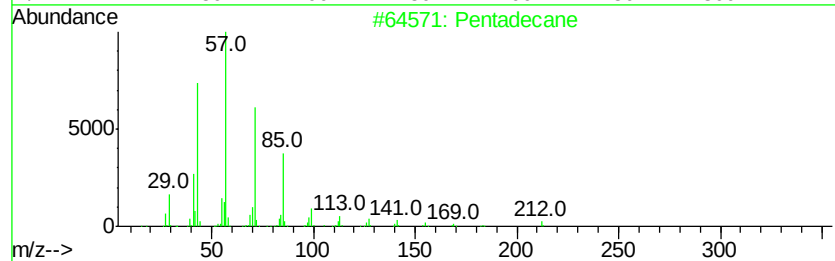
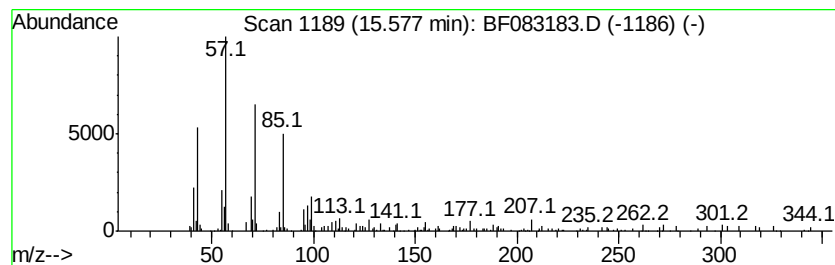
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.58	3.11 ng	138280	Perylene-d12	15.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	89
2	10-Methylnonadecane	282	C20H42	056862-62-5	72
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083183.D
Acq On : 23 Nov 2015 3:03
Operator : UM/IZ
Sample : G4475-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	45.2	ng	2847180	1	6.65	1259400	20.0
unknown6.42	6.42	75.2	ng	4734720	1	6.65	1259400	20.0
Eicosane	10.60	2.7	ng	180572	4	11.16	1354430	20.0
Tridecanoic acid	11.71	4.4	ng	300976	4	11.16	1354430	20.0
12-Bromododecano...	12.49	4.1	ng	279390	5	13.78	1361990	20.0
1-Hexacosanol	13.66	2.9	ng	200156	5	13.78	1361990	20.0
Heptadecane	14.27	2.6	ng	179107	5	13.78	1361990	20.0
2-Bromo dodecane	14.87	2.7	ng	119218	6	15.15	889543	20.0
Pentadecane	15.58	3.1	ng	138280	6	15.15	889543	20.0