

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083470.D
 Acq On : 3 Dec 2015 20:19
 Operator : UM/IZ
 Sample : G4573-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-35-37

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-BF113015.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	4.636	256	258	269	rBV	959198	1618941	34.84%	3.497%
2	5.116	298	300	316	rBV	3872449	4356277	93.75%	9.410%
3	6.201	392	395	401	rBV	3969322	4495469	96.74%	9.710%
4	6.304	401	404	406	rBV	4668982	4646818	100.00%	10.037%
5	6.522	421	423	426	rBV	969625	1045792	22.51%	2.259%
6	6.682	435	437	440	rBV	3220792	3010659	64.79%	6.503%
7	7.104	471	474	476	rBV	2878362	2991030	64.37%	6.461%
8	7.253	484	487	492	rVB	88173	114437	2.46%	0.247%
9	7.813	534	536	539	rBV	1441240	1348351	29.02%	2.912%
10	8.773	616	620	624	rBV	69780	81878	1.76%	0.177%
11	8.899	628	631	633	rBV	4784781	4560902	98.15%	9.852%
12	9.299	664	666	668	rBV	1710320	1472485	31.69%	3.181%
13	9.516	683	685	687	rBV	196071	184821	3.98%	0.399%
14	9.562	687	689	691	rVV	1604069	1494318	32.16%	3.228%
15	9.745	703	705	709	rBV2	35956	89701	1.93%	0.194%
16	9.836	712	713	715	rVB	67822	55692	1.20%	0.120%
17	10.019	725	729	730	rBV	220863	297055	6.39%	0.642%
18	10.236	745	748	751	rBV	93841	175067	3.77%	0.378%
19	10.350	755	758	760	rVV	2919008	3003321	64.63%	6.487%
20	10.488	768	770	774	rVV	252605	348359	7.50%	0.752%
21	10.591	777	779	781	rVB	73006	82771	1.78%	0.179%
22	10.693	786	788	790	rBV2	44842	66843	1.44%	0.144%
23	10.979	812	813	815	rBV	149548	145420	3.13%	0.314%
24	11.093	820	823	827	rBV	1401287	1430411	30.78%	3.090%
25	11.493	855	858	861	rVB2	63610	96063	2.07%	0.207%
26	11.676	871	874	877	rBV2	29263	66617	1.43%	0.144%
27	11.791	881	884	887	rBV	448841	628785	13.53%	1.358%
28	12.145	912	915	917	rVB	46768	76950	1.66%	0.166%
29	12.351	928	933	935	rBV	52670	100047	2.15%	0.216%
30	12.431	937	940	943	rVV	120201	206878	4.45%	0.447%
31	12.476	943	944	948	rVB2	41747	66881	1.44%	0.144%
32	12.614	954	956	959	rVB	40648	62751	1.35%	0.136%
33	12.751	966	968	975	rVB4	35494	87629	1.89%	0.189%
34	12.865	975	978	980	rBV	293102	388039	8.35%	0.838%

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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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.922	980	983	985	rVB2	92824	197888	4.26%	0.427%
36	13.185	1002	1006	1009	rVB	3251391	4197859	90.34%	9.067%
37	14.614	1128	1131	1136	rBV	268933	435413	9.37%	0.940%
38	14.705	1136	1139	1141	rVV	841497	1154196	24.84%	2.493%
39	14.739	1141	1142	1146	rVB	51295	64382	1.39%	0.139%
40	15.631	1217	1220	1224	rVB3	29155	51457	1.11%	0.111%
41	16.031	1252	1255	1259	rBV	44563	83783	1.80%	0.181%
42	16.260	1272	1275	1277	rBV	37558	87718	1.89%	0.189%
43	16.568	1299	1302	1305	rBV4	20820	49875	1.07%	0.108%
44	16.694	1311	1313	1317	rBV	45123	65904	1.42%	0.142%
45	16.774	1317	1320	1323	rBV	623887	931726	20.05%	2.013%
46	17.483	1379	1382	1385	rVB4	43451	78347	1.69%	0.169%

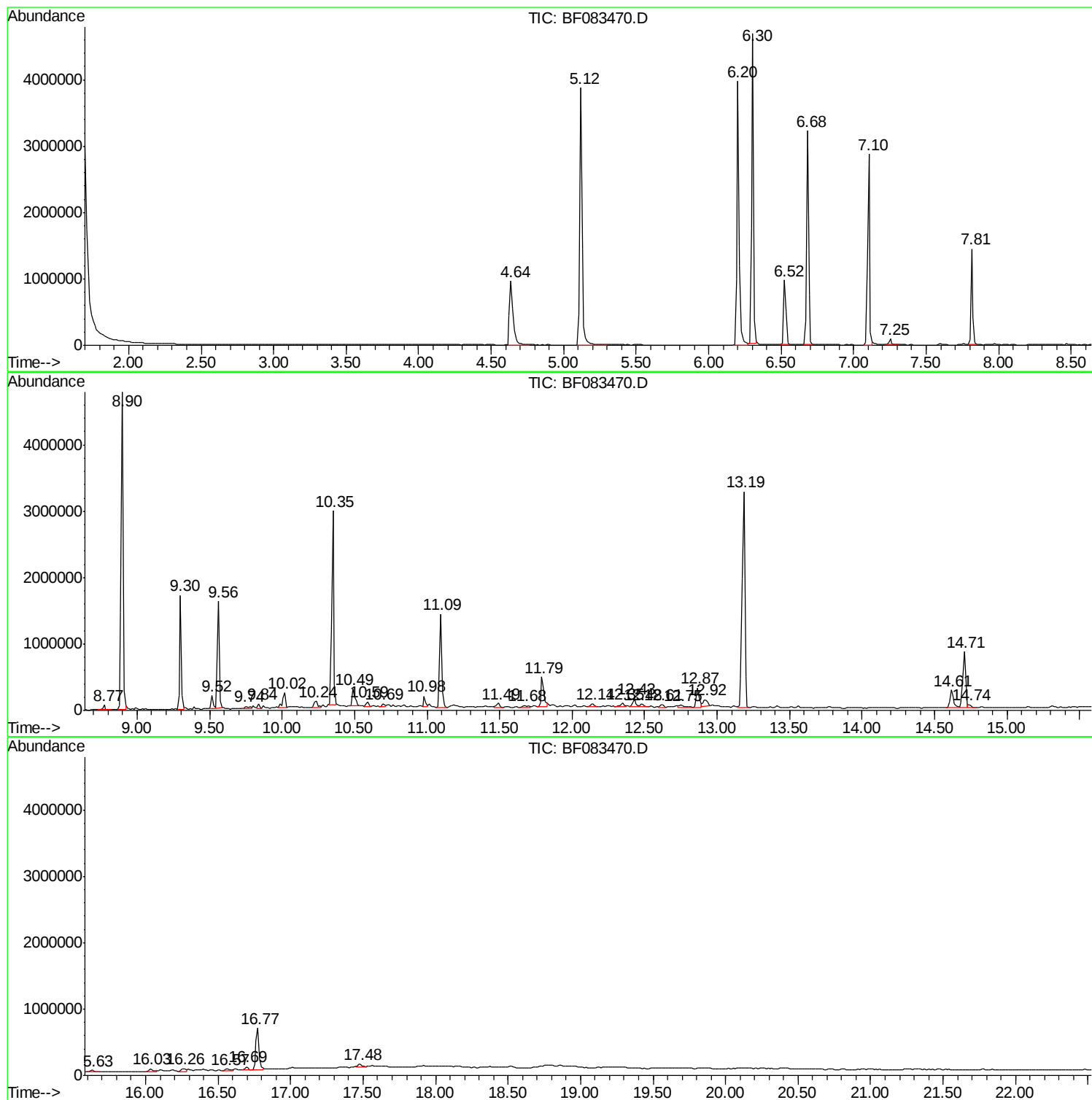
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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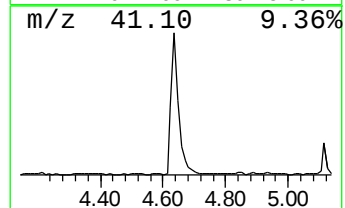
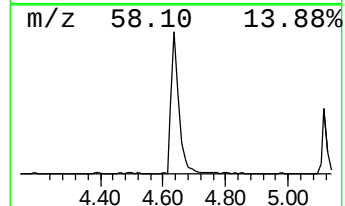
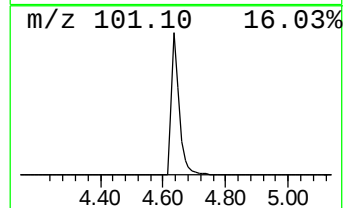
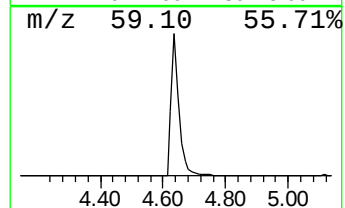
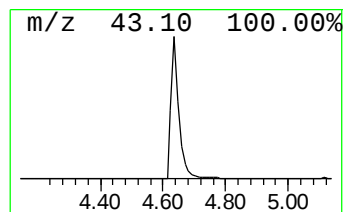
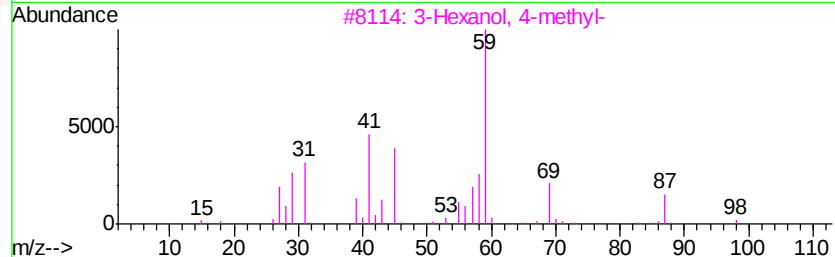
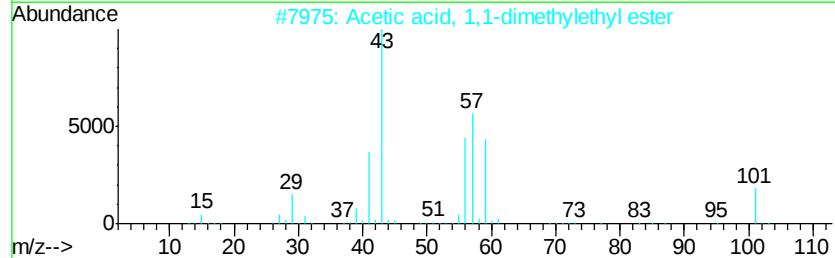
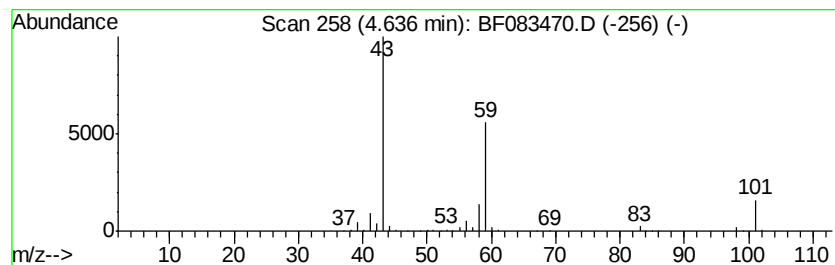
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.64	30.96 ng	1618940	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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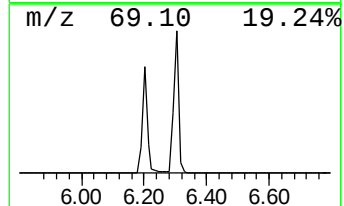
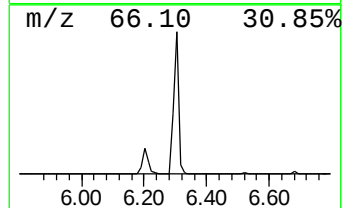
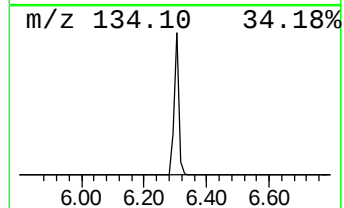
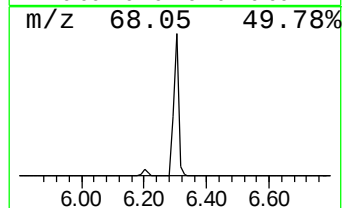
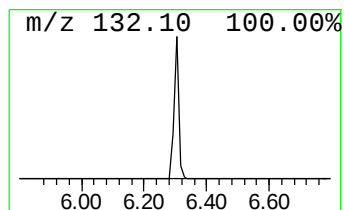
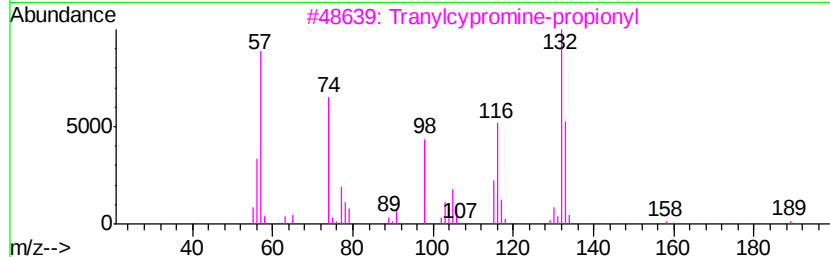
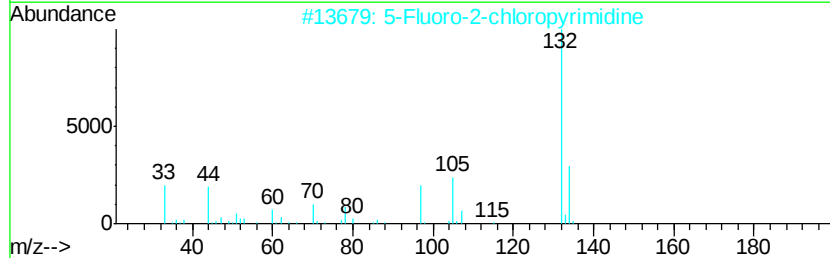
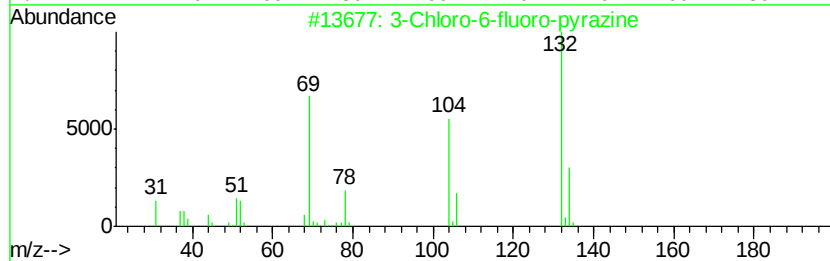
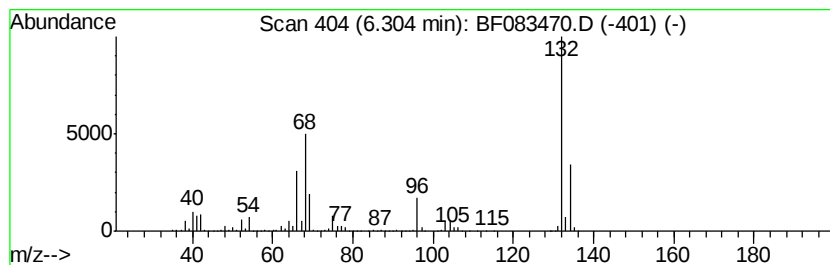
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Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	88.87 ng	4646820	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-			132	C6H3F3	000372-38-3	9



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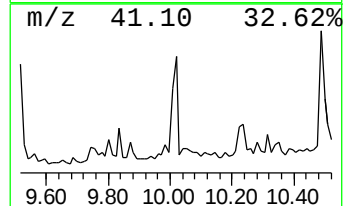
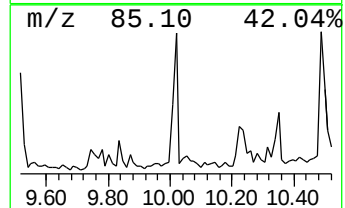
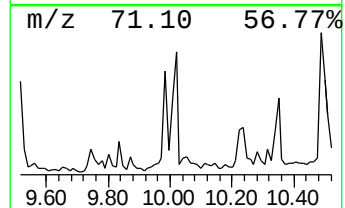
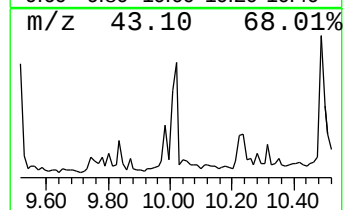
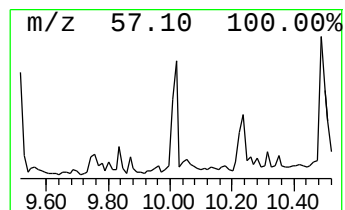
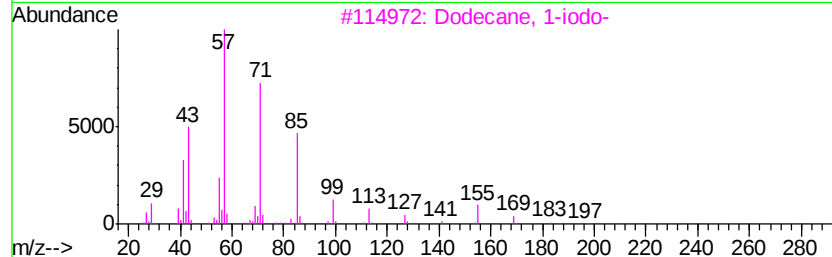
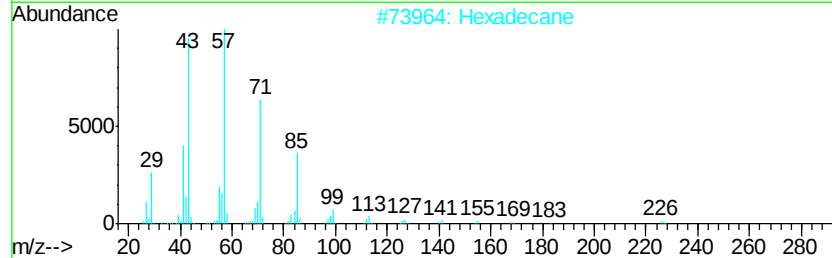
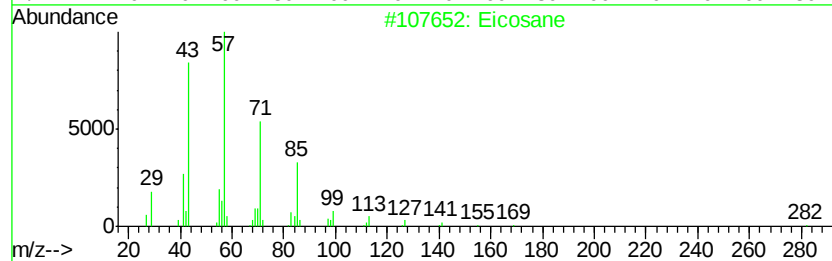
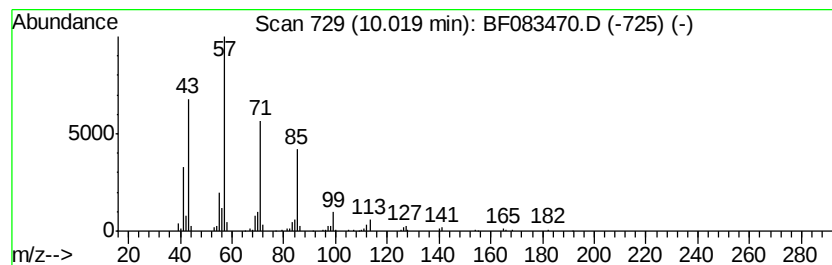
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.98 ng	297055	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Hexadecane	226 C16H34	000544-76-3	83
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	64
4	Tridecane	184 C13H28	000629-50-5	64
5	Pentadecane	212 C15H32	000629-62-9	59



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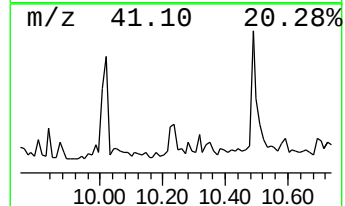
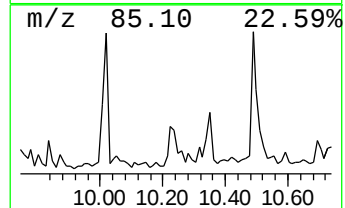
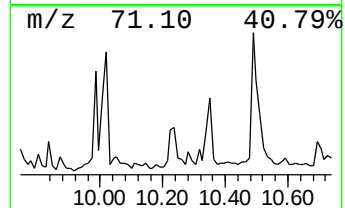
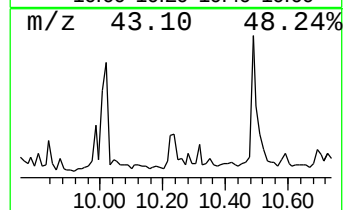
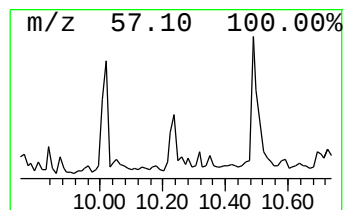
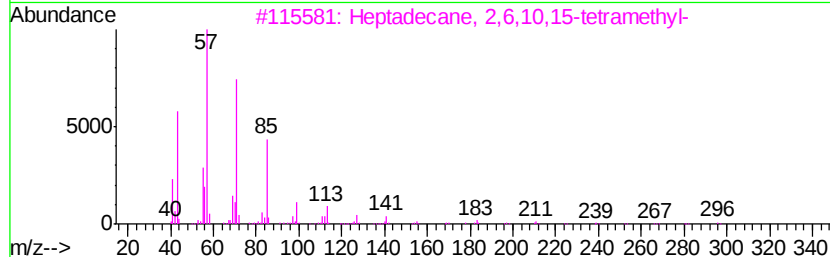
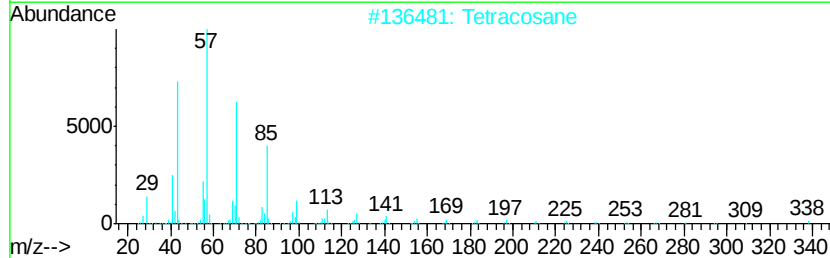
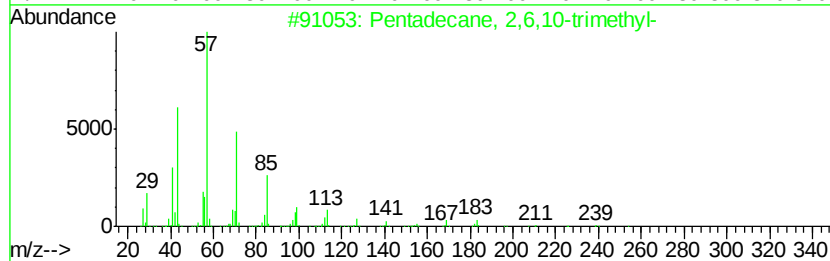
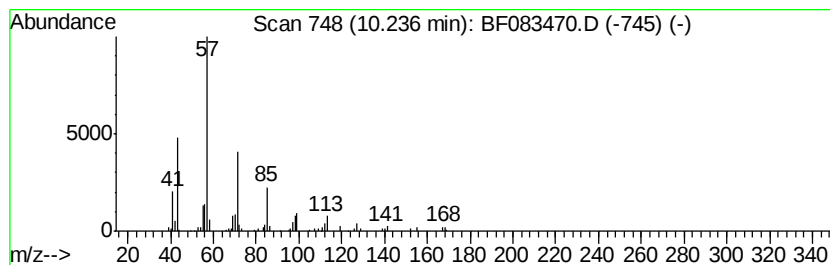
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.34 ng	175067	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Eicosane	282	C20H42	000112-95-8	72
5		Pentadecane	212	C15H32	000629-62-9	72



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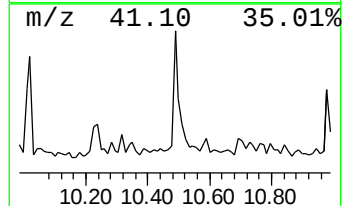
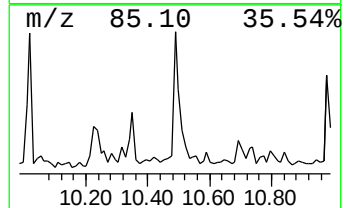
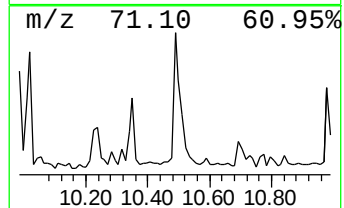
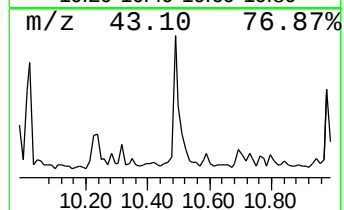
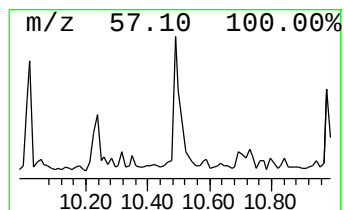
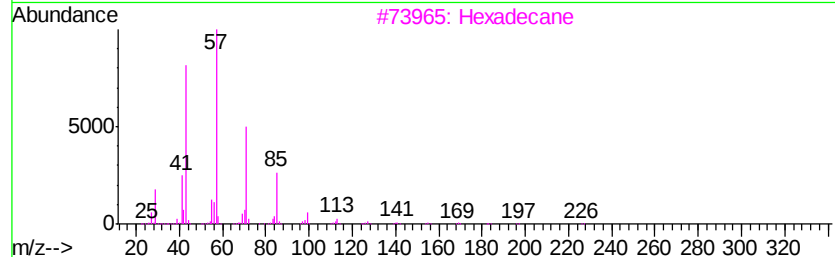
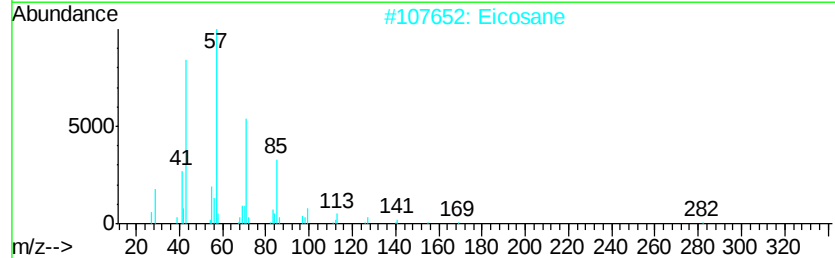
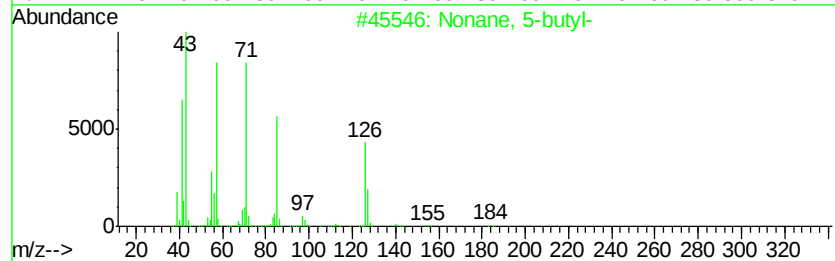
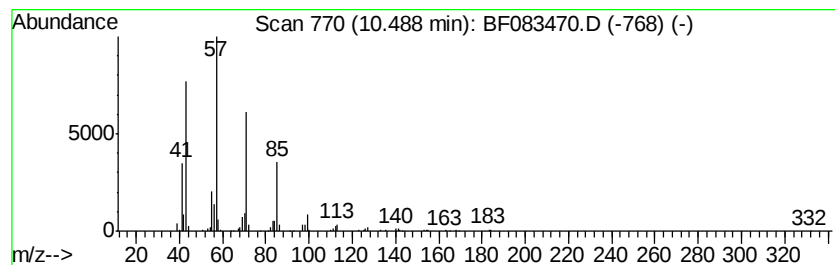
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Nonane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.49	4.87 ng	348359	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083470.D
Acq On : 3 Dec 2015 20:19
Operator : UM/IZ
Sample : G4573-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-35-37

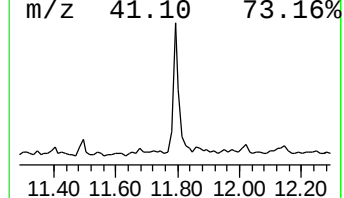
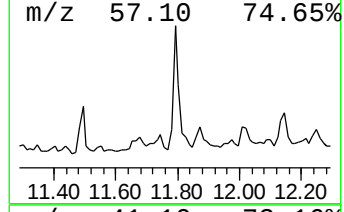
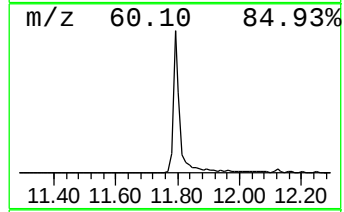
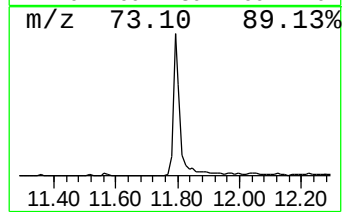
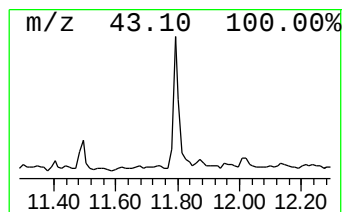
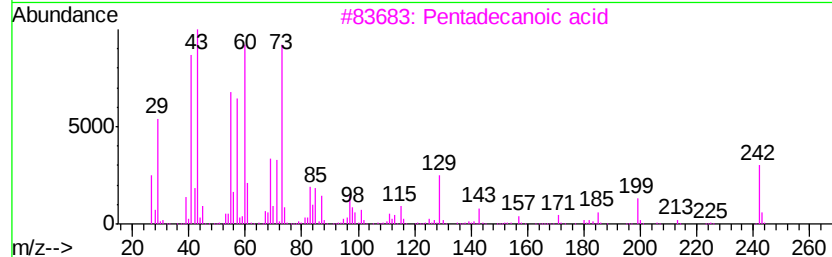
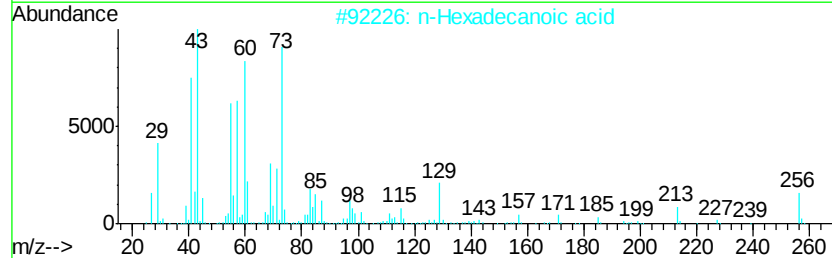
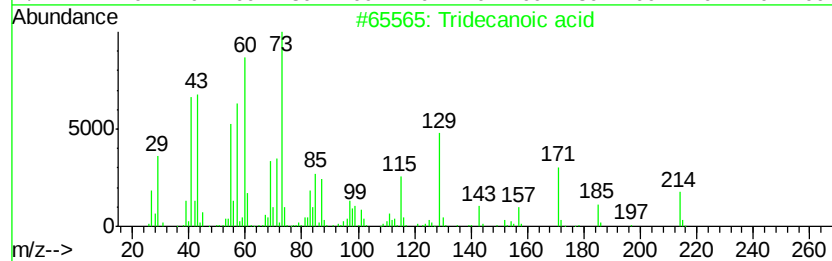
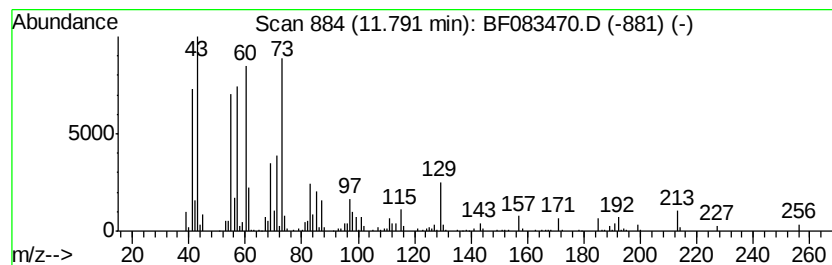
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.79 ng	628785	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	22
5		Undecane	156	C11H24	001120-21-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083470.D
Acq On : 3 Dec 2015 20:19
Operator : UM/IZ
Sample : G4573-03
Misc :
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Instrument :
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ClientSampleId :
K207-35-37

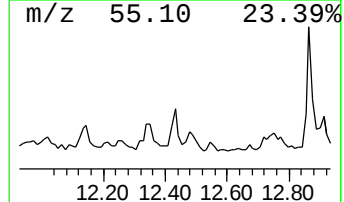
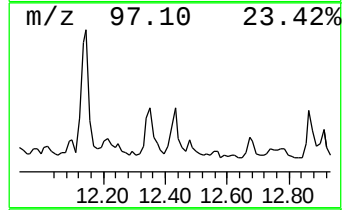
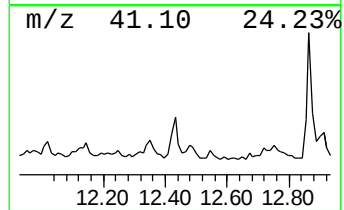
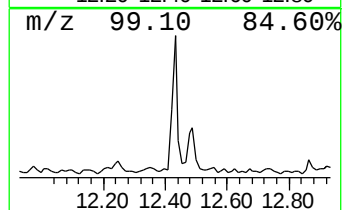
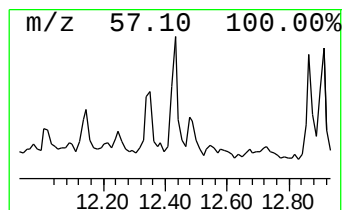
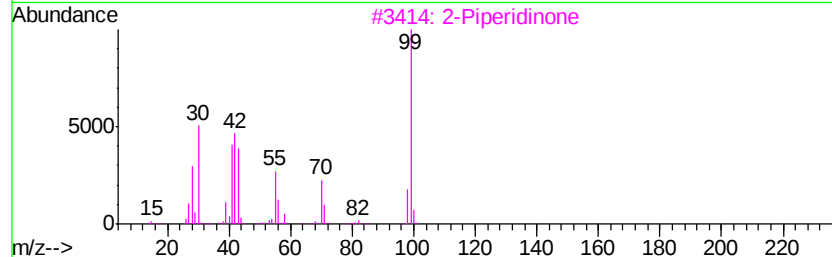
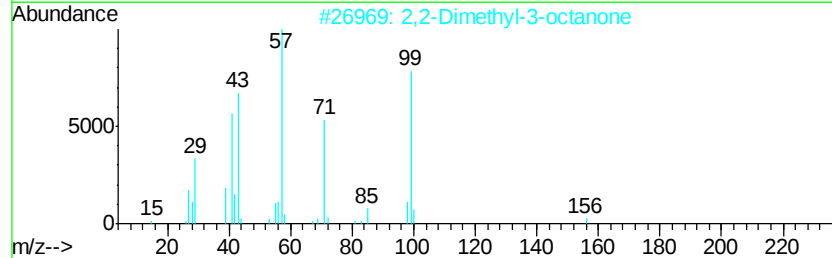
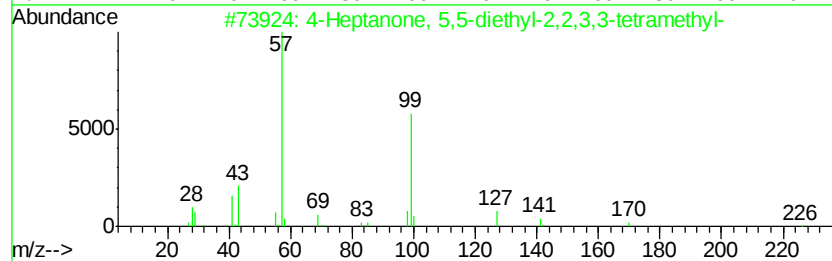
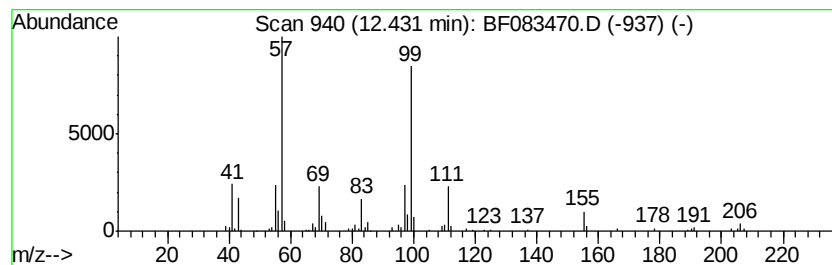
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4-Heptanone, 5,5-diethyl-2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.89 ng	206878	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 5,5-diethyl-2,2,3,3...	226	C15H30O	016424-67-2	50
2		2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50
3		2-Piperidinone	99	C5H9NO	000675-20-7	43
4		cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	43
5		Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083470.D
Acq On : 3 Dec 2015 20:19
Operator : UM/IZ
Sample : G4573-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-35-37

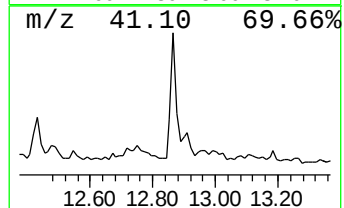
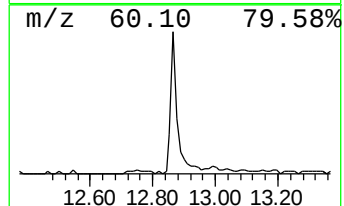
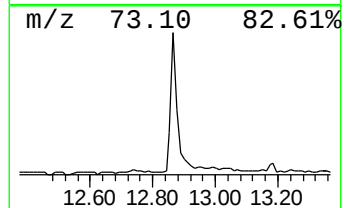
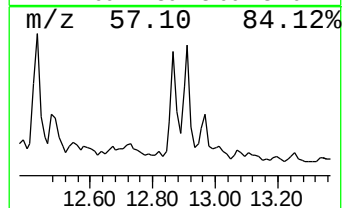
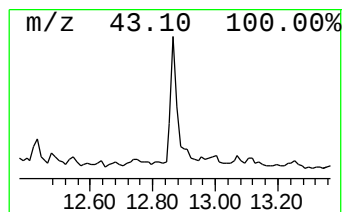
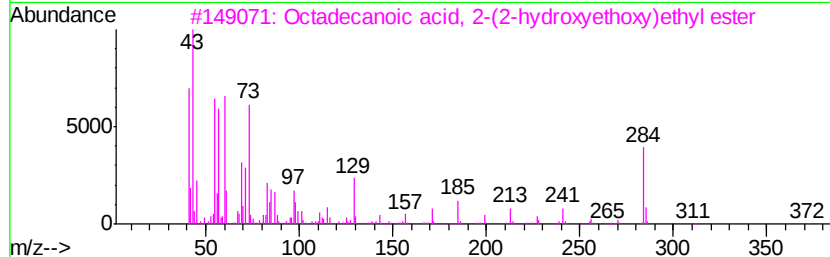
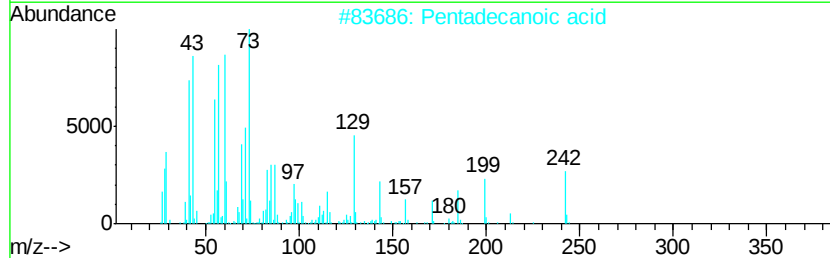
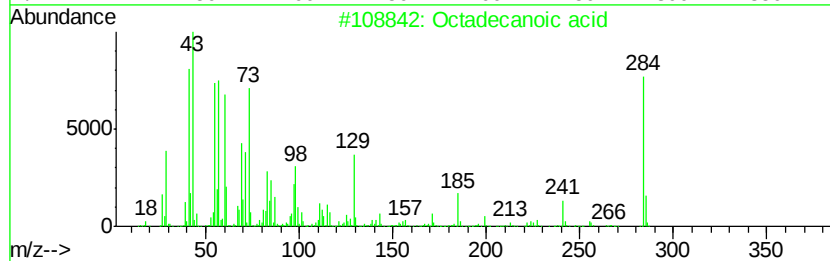
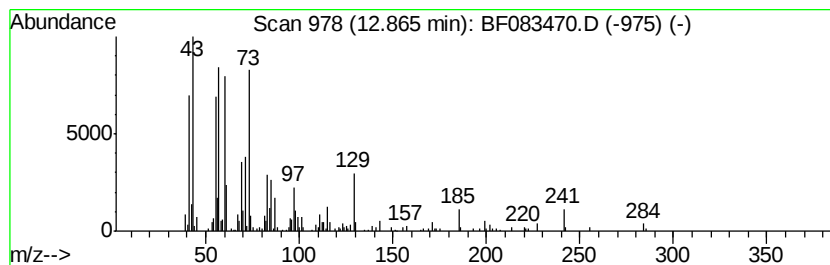
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.43 ng	388039	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083470.D
Acq On : 3 Dec 2015 20:19
Operator : UM/IZ
Sample : G4573-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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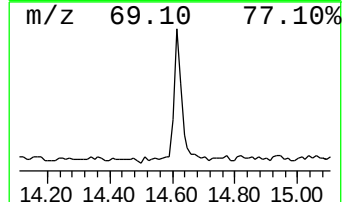
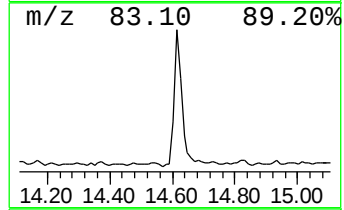
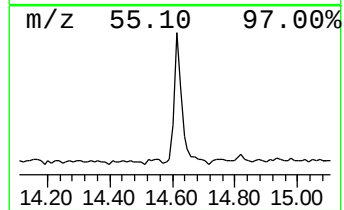
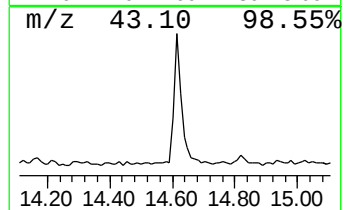
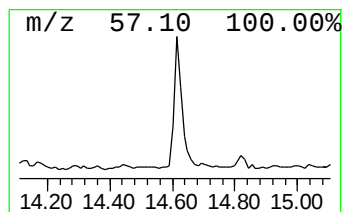
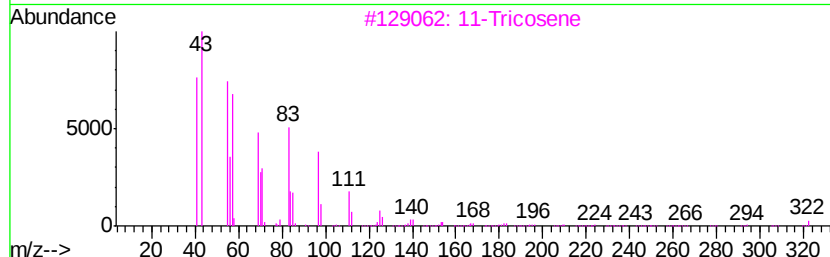
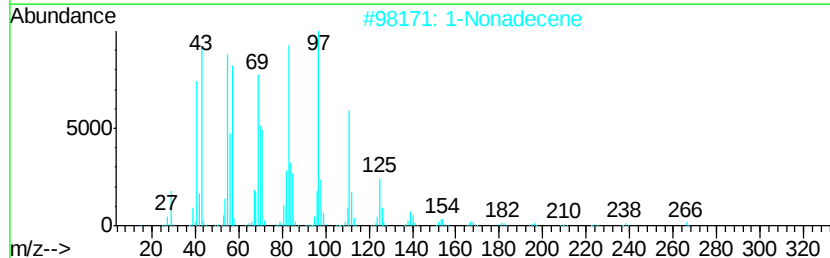
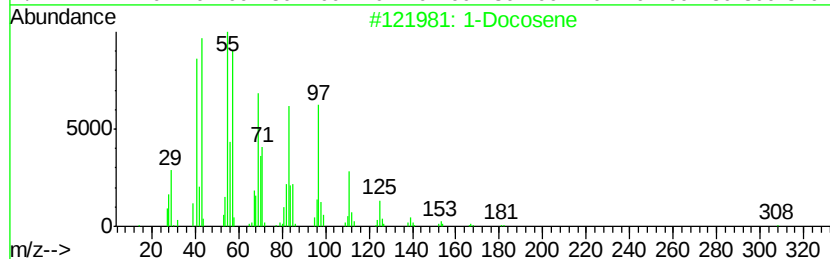
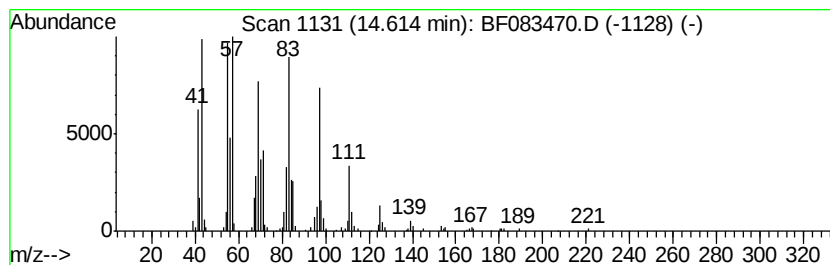
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	7.54 ng	435413	Chrysene-d12	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	93
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			11-Tricosene	322	C23H46	052078-56-5	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Sample : G4573-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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unknown6.30	6.30	88.9	ng	4646820	1	6.52	1045790	20.0
Eicosane	10.02	4.0	ng	297055	3	9.56	1494320	20.0
Pentadecane, 2,6,...	10.24	2.3	ng	175067	3	9.56	1494320	20.0
Nonane, 5-butyl-	10.49	4.9	ng	348359	4	11.09	1430410	20.0
Tridecanoic acid	11.79	8.8	ng	628785	4	11.09	1430410	20.0
4-Heptanone, 5,5-...	12.43	2.9	ng	206878	4	11.09	1430410	20.0
Octadecanoic acid	12.87	5.4	ng	388039	4	11.09	1430410	20.0
1-Docosene	14.61	7.5	ng	435413	5	14.71	1154200	20.0