

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084301.D
 Acq On : 6 Jan 2016 20:38
 Operator : SJ/UM
 Sample : H1017-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.047	257	259	265	rVB	588877	648888	7.73%	1.064%
2	5.470	294	296	299	rVB	2628423	3524862	41.99%	5.781%
3	6.247	359	364	366	rBV	146273	232205	2.77%	0.381%
4	6.510	384	387	389	rBV	2204644	2459573	29.30%	4.034%
5	6.636	395	398	401	rBV	5850272	5696506	67.86%	9.343%
6	6.865	416	418	420	rBV	2336211	1956534	23.31%	3.209%
7	6.933	422	424	426	rBV2	87876	86947	1.04%	0.143%
8	7.025	429	432	434	rVB	6526990	5866994	69.89%	9.622%
9	7.276	453	454	460	rVB	124877	142549	1.70%	0.234%
10	7.436	465	468	470	rVB	5112401	5385771	64.16%	8.833%
11	7.539	474	477	479	rBV2	65583	102873	1.23%	0.169%
12	8.156	528	531	533	rBV	2655231	2629038	31.32%	4.312%
13	8.430	551	555	557	rVB	92763	104566	1.25%	0.171%
14	8.522	557	563	565	rBV4	34159	95120	1.13%	0.156%
15	9.231	622	625	628	rBV	7605239	8394486	100.00%	13.768%
16	9.619	657	659	662	rBV	171955	290530	3.46%	0.476%
17	9.905	682	684	686	rBV	2709064	2588973	30.84%	4.246%
18	10.053	695	697	700	rBV2	65322	109699	1.31%	0.180%
19	10.293	715	718	719	rBV3	48981	86475	1.03%	0.142%
20	10.339	721	722	724	rVB	156130	122913	1.46%	0.202%
21	10.556	738	741	745	rBV3	70344	157730	1.88%	0.259%
22	10.694	750	753	756	rVV2	3935614	5104266	60.80%	8.371%
23	10.808	760	763	770	rVB2	200737	450551	5.37%	0.739%
24	11.265	801	803	809	rVB2	162997	309288	3.68%	0.507%
25	11.391	811	814	816	rBV	3016251	2552061	30.40%	4.186%
26	11.551	825	828	831	rBV4	40754	93906	1.12%	0.154%
27	11.608	831	833	838	rVB3	59419	133705	1.59%	0.219%
28	11.688	838	840	842	rBV	102735	92711	1.10%	0.152%
29	12.099	874	876	879	rBV2	155010	217380	2.59%	0.357%
30	12.865	941	943	946	rBV2	87245	139547	1.66%	0.229%
31	12.979	950	953	955	rBV	6881347	6754725	80.47%	11.078%
32	13.540	1000	1002	1005	rBV2	140750	249500	2.97%	0.409%
33	13.882	1029	1032	1038	rVB	109510	212304	2.53%	0.348%
34	14.020	1042	1044	1047	rBV	1562133	1951689	23.25%	3.201%

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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35	14.500	1084	1086	1088	rBV	86454	124159	1.48%	0.204%
36	14.660	1098	1100	1103	rBV	183078	278900	3.32%	0.457%
37	15.460	1167	1170	1172	rBV	1062164	1518025	18.08%	2.490%
38	15.494	1172	1173	1180	rVB	66898	106510	1.27%	0.175%

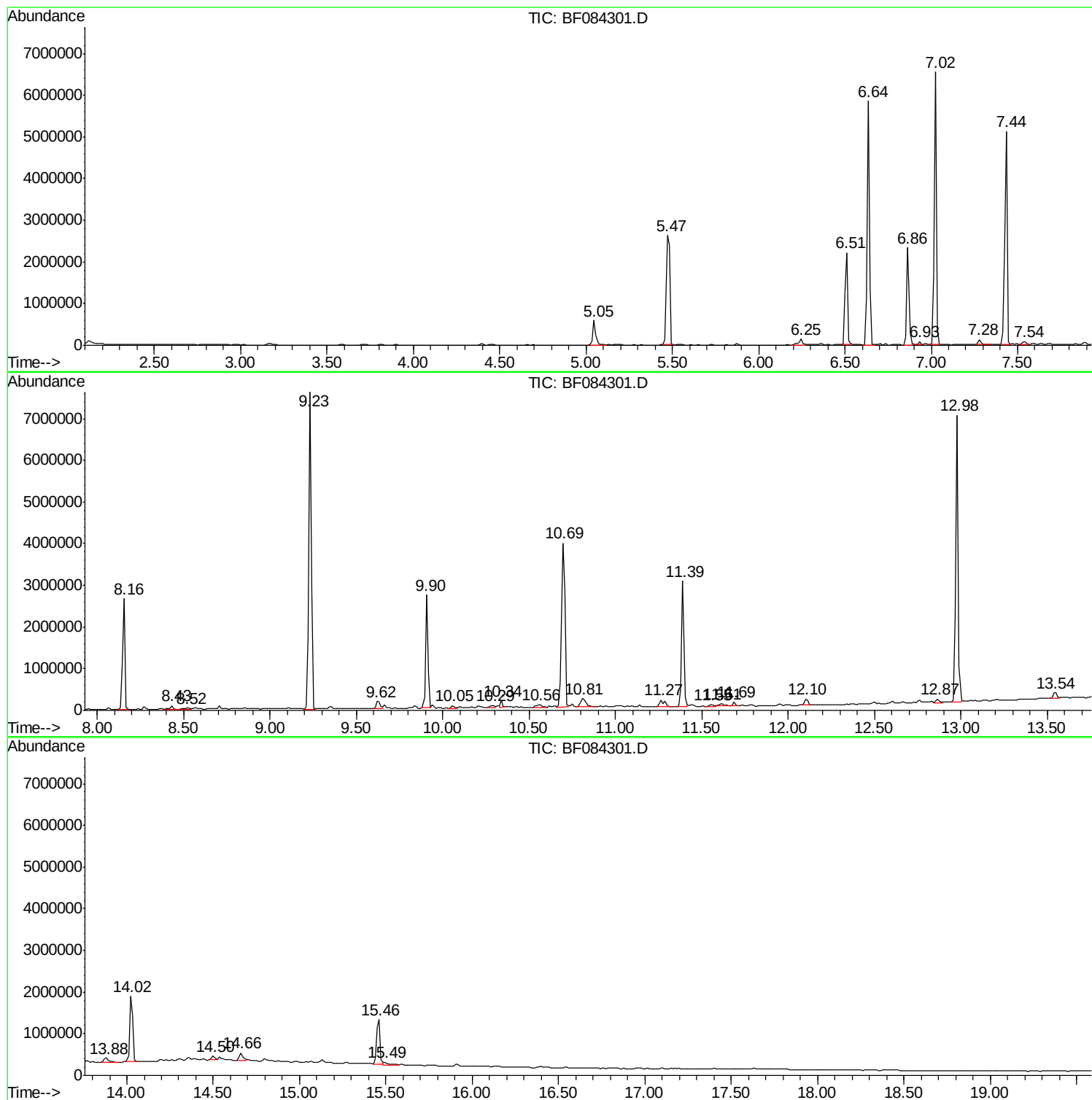
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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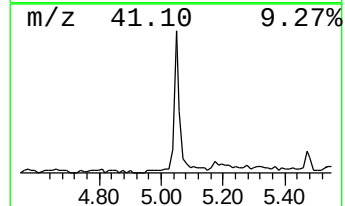
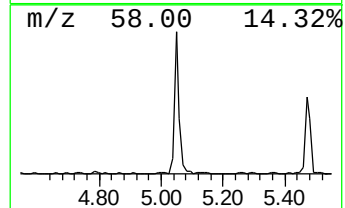
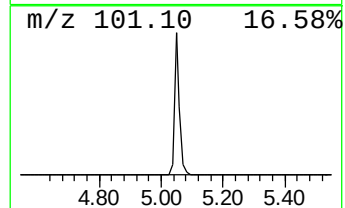
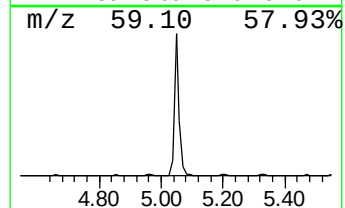
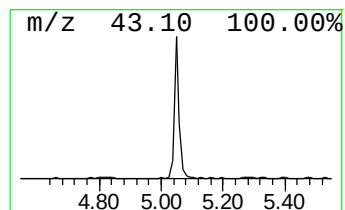
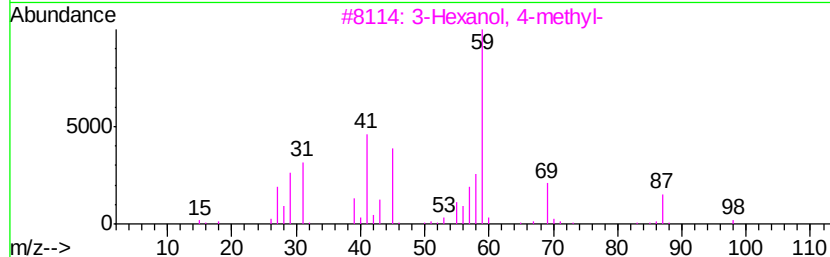
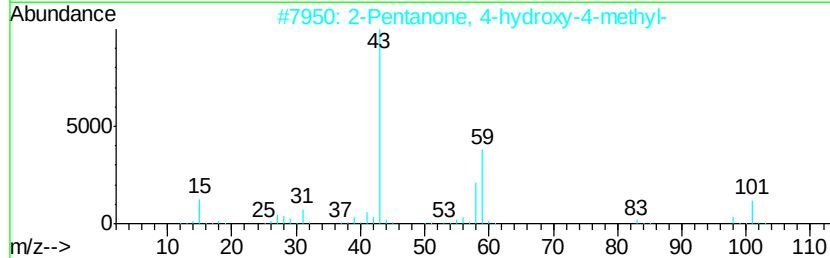
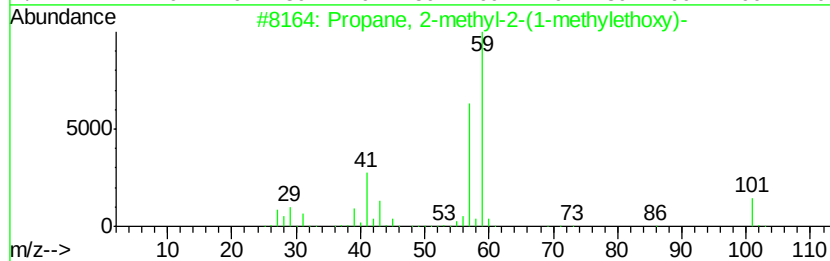
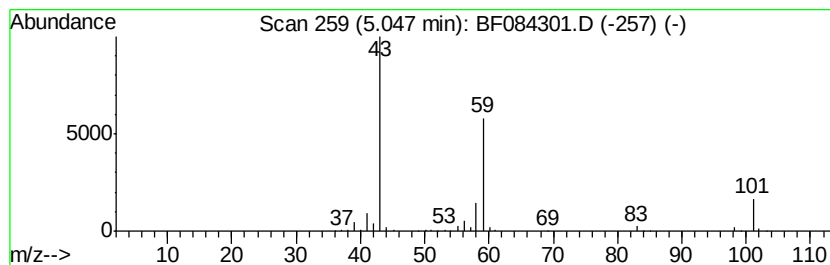
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.05	6.63 ng	648888	1,4-Dichlorobenzene-d4	6.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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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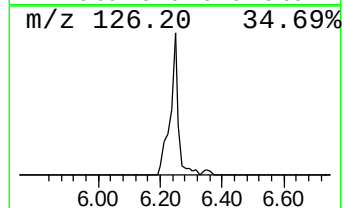
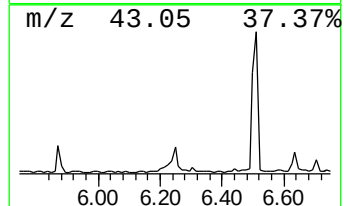
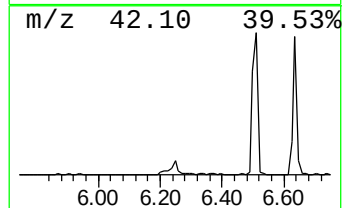
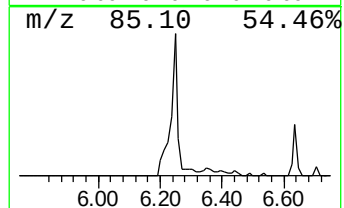
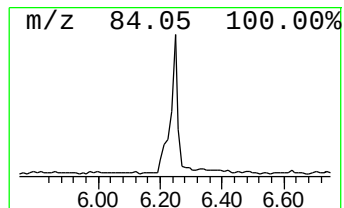
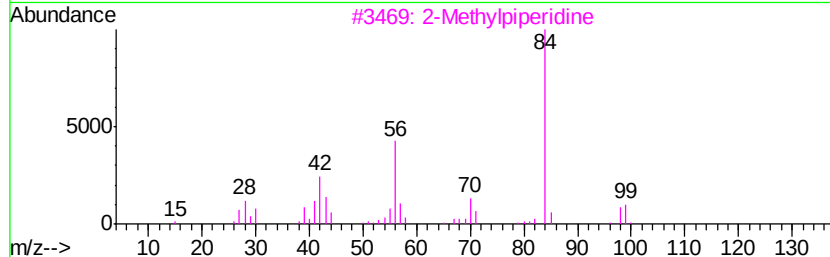
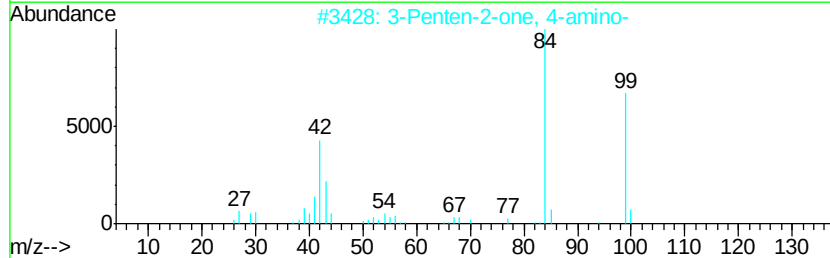
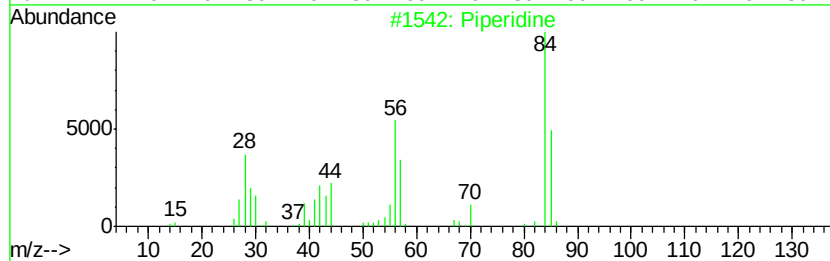
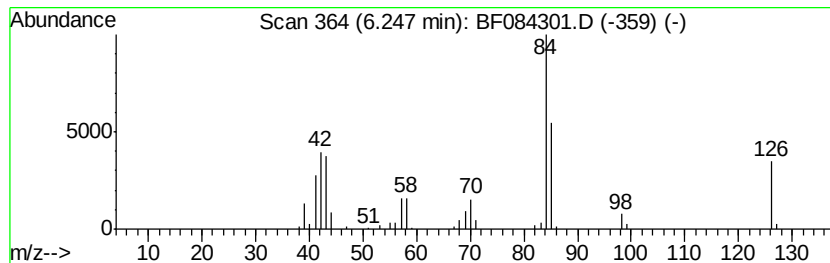
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	2.37 ng	232205	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Piperidine	85	C5H11N	000110-89-4	38
2		3-Penten-2-one, 4-amino-	99	C5H9NO	001118-66-7	37
3		2-Methylpiperidine	99	C6H13N	000109-05-7	25
4		1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BNO	031748-10-4	9
5		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9



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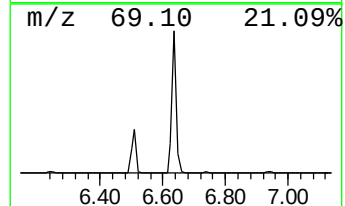
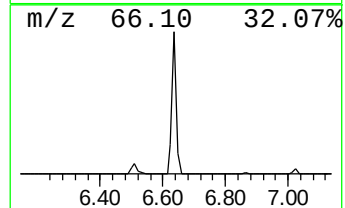
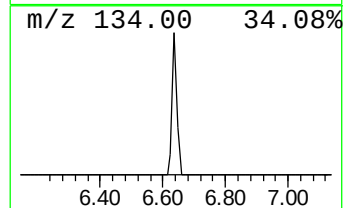
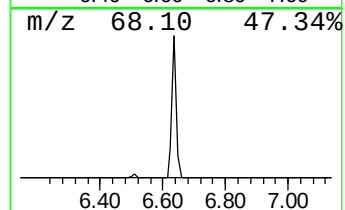
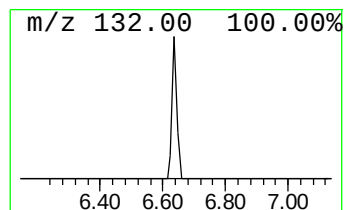
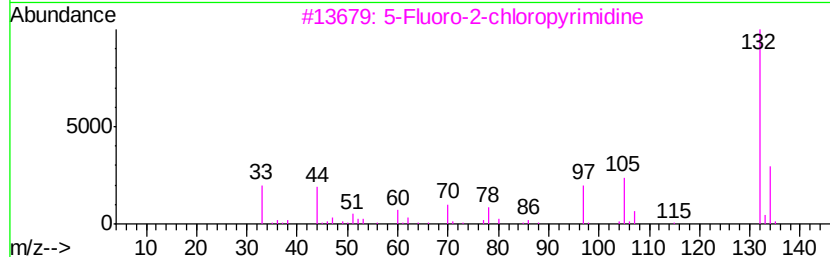
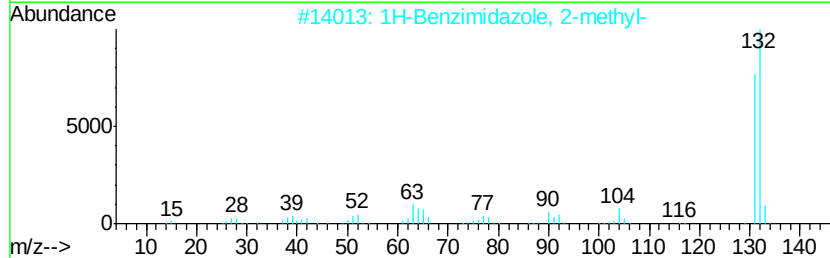
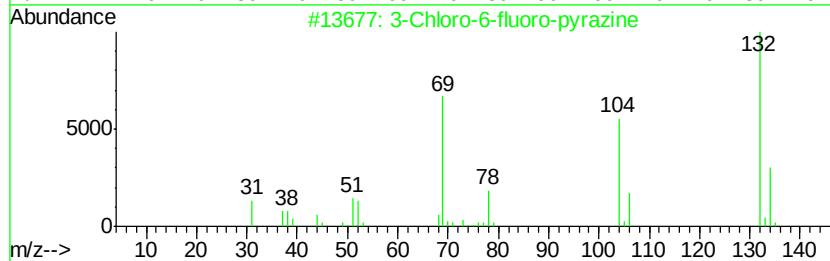
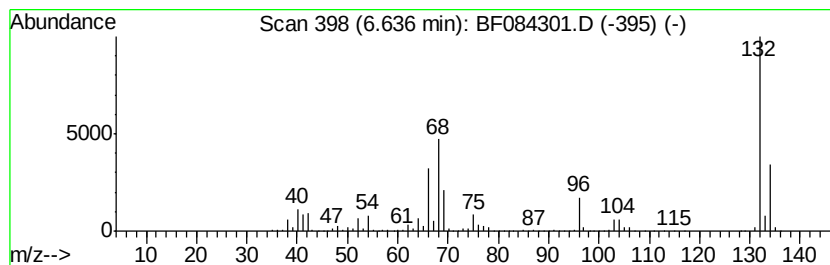
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	58.23 ng	5696510	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9



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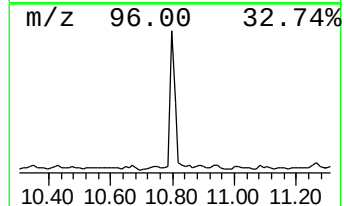
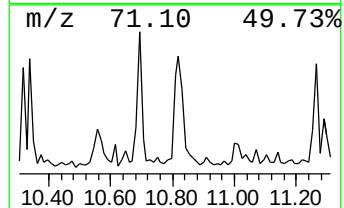
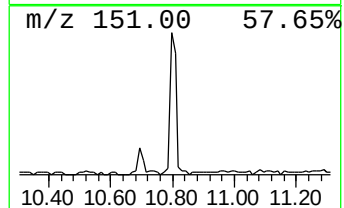
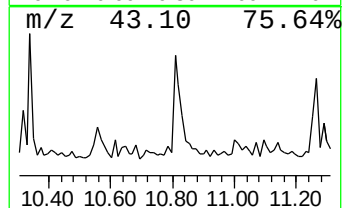
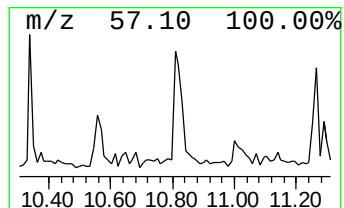
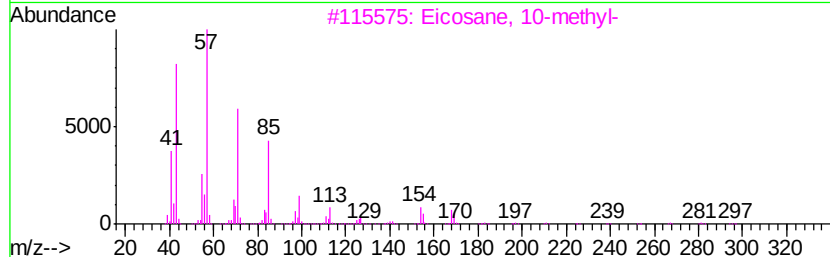
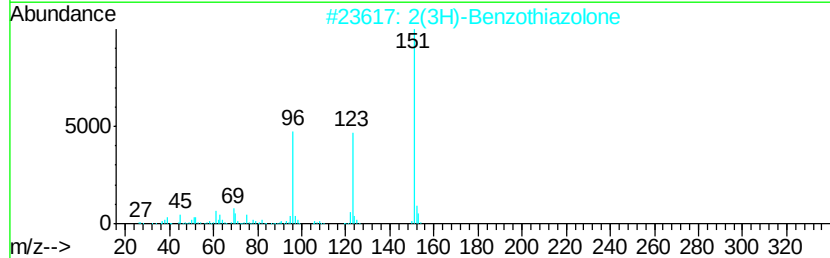
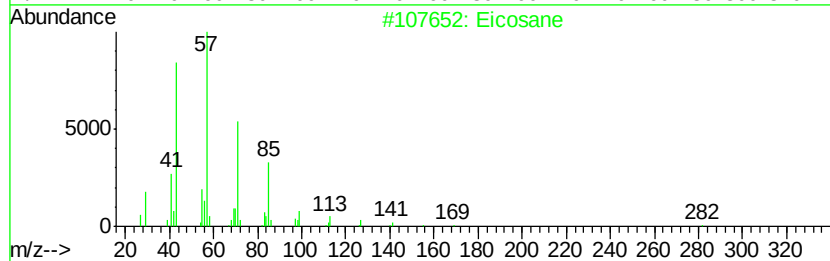
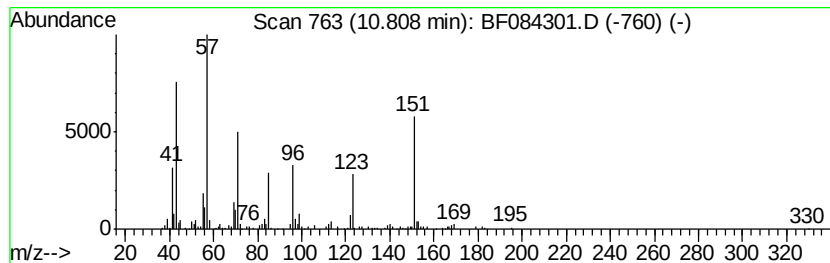
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown10.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.53 ng	450551	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	41
2		2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	38
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	35
4		Undecane	156	C11H24	001120-21-4	35
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	35



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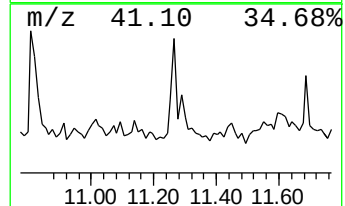
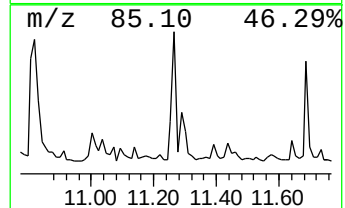
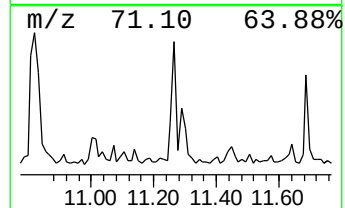
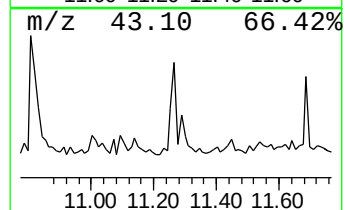
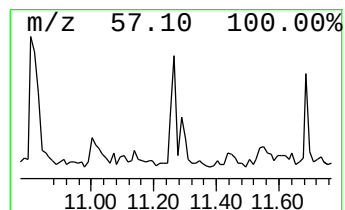
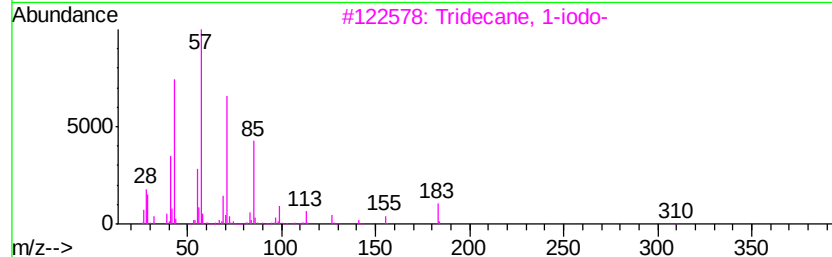
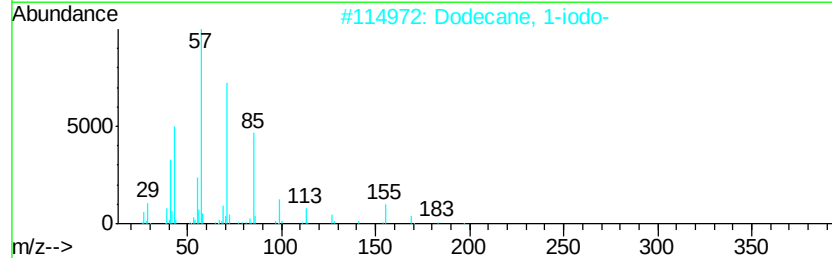
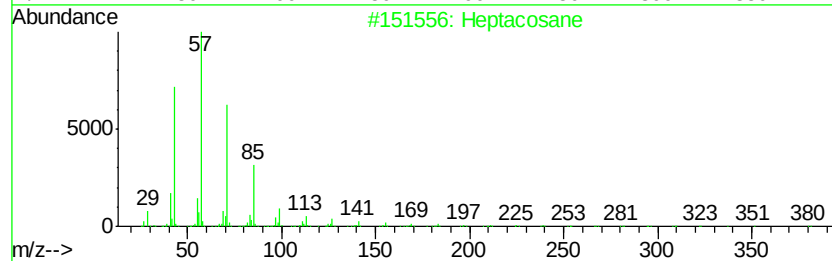
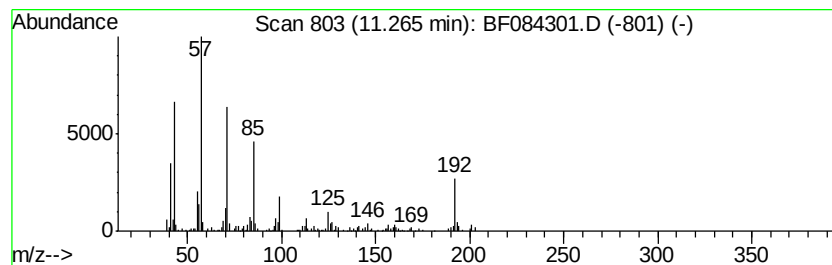
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.42 ng	309288	Phenanthrene-d10	11.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	58
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	53
3	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	53
4	Eicosane	282 C20H42	000112-95-8	52
5	Pentadecane	212 C15H32	000629-62-9	52



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ClientSampleId :
W-1A

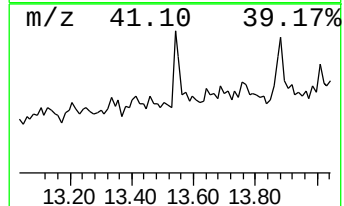
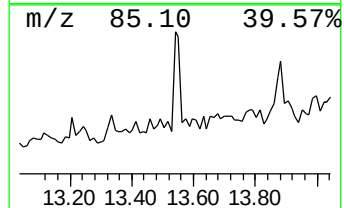
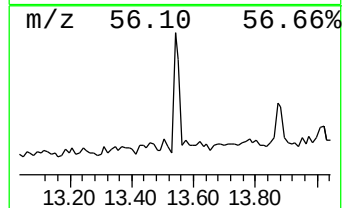
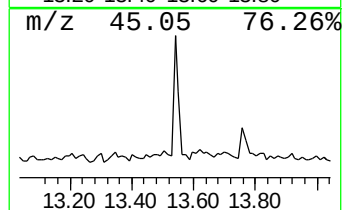
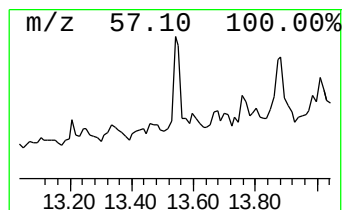
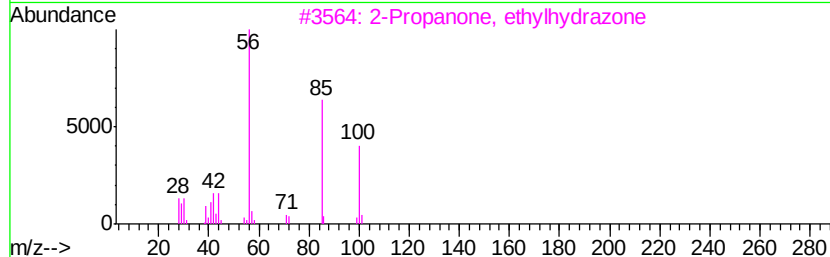
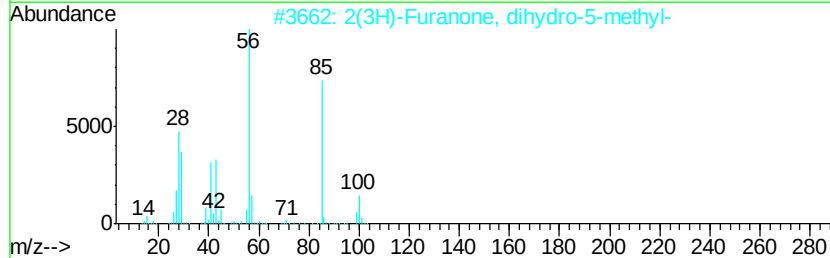
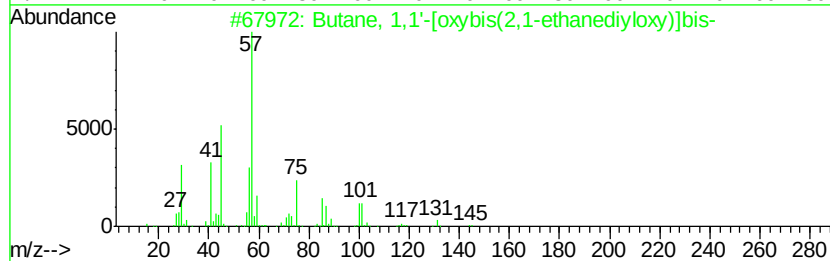
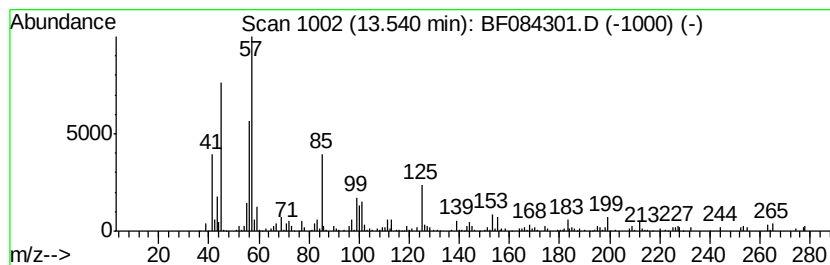
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.56 ng	249500	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	37
2		2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	27
3		2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	27
4		Methyl 5-methoxy-3-oxovalerate	160	C7H12O4	062462-05-9	25
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084301.D
Acq On : 6 Jan 2016 20:38
Operator : SJ/UM
Sample : H1017-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

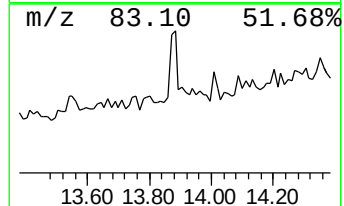
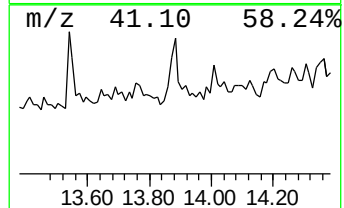
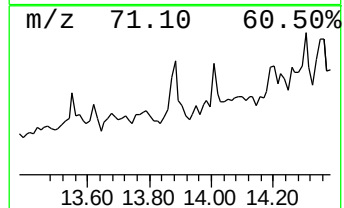
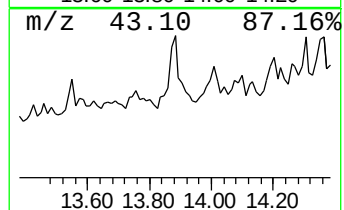
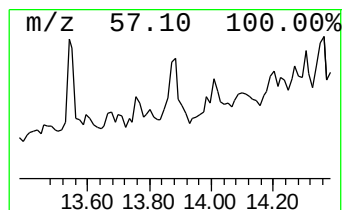
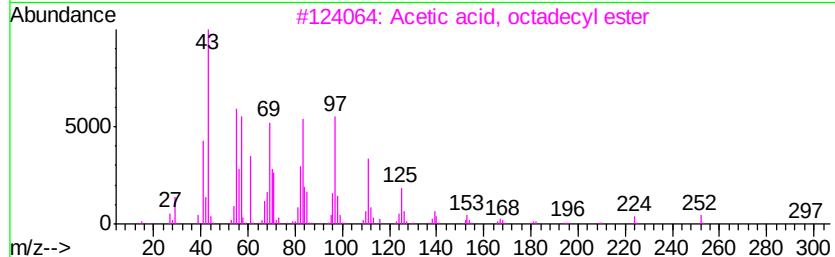
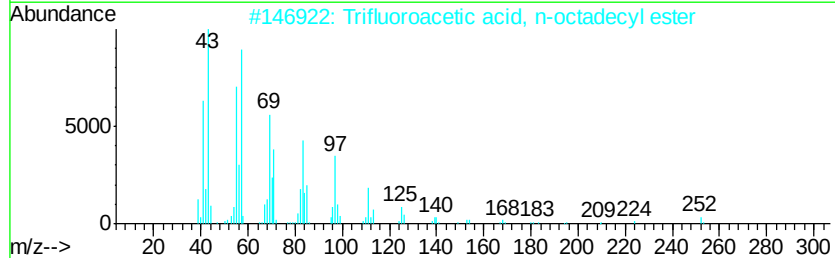
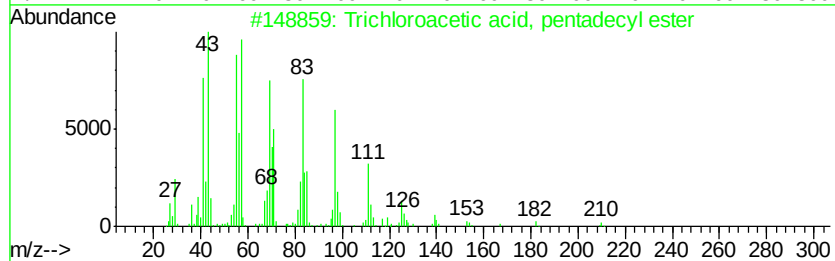
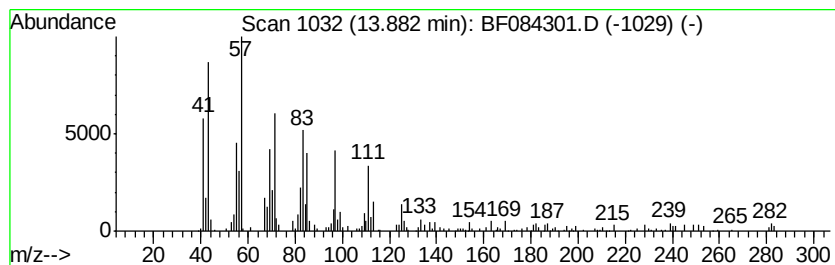
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.18 ng	212304	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	55
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	53
3		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	46
4		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	46
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084301.D
Acq On : 6 Jan 2016 20:38
Operator : SJ/UM
Sample : H1017-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

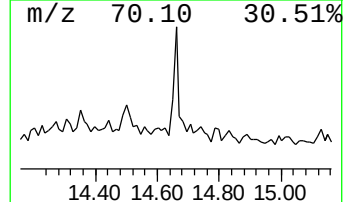
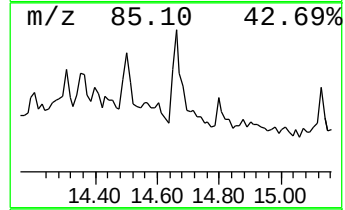
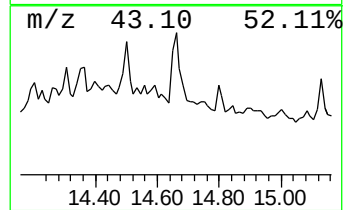
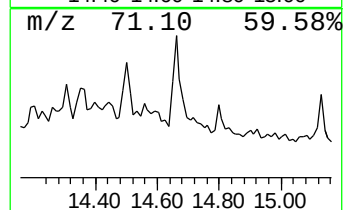
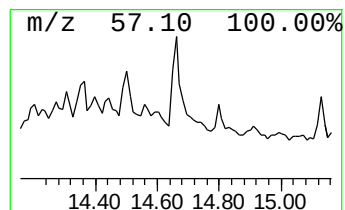
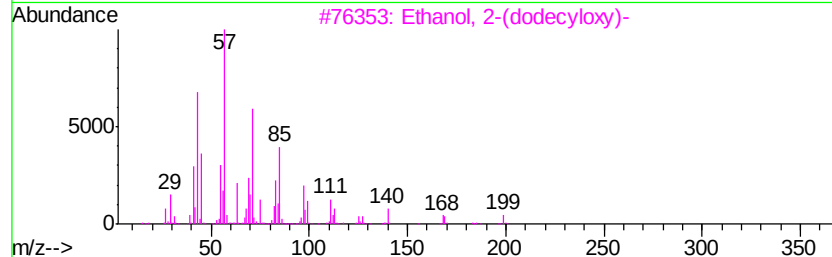
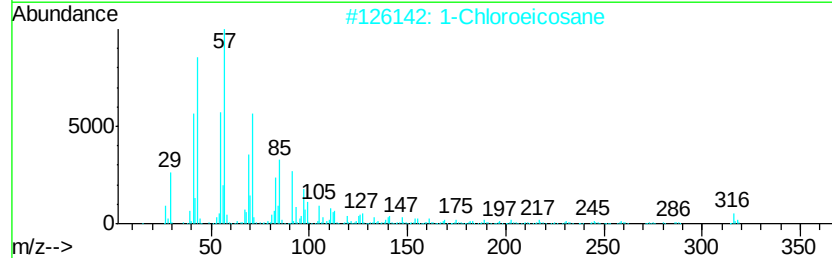
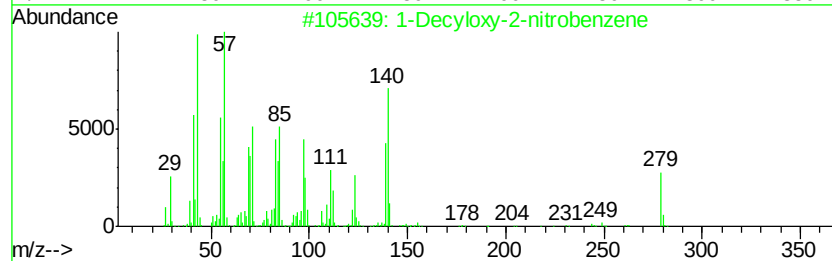
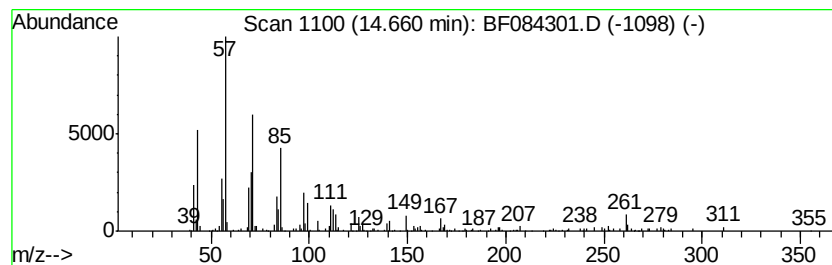
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Decyloxy-2-nitrobenzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.86 ng	278900	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decyloxy-2-nitrobenzene	279	C16H25NO3	098311-79-6	80
2		1-Chloroeicosane	316	C20H41Cl	042217-02-7	80
3		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	72
4		Tritetracontane	605	C43H88	007098-21-7	72
5		Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084301.D
Acq On : 6 Jan 2016 20:38
Operator : SJ/UM
Sample : H1017-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
Propane, 2-methyl...	5.05	6.6	ng	648888	1	6.86	1956530	20.0
unknown6.25	6.25	2.4	ng	232205	1	6.86	1956530	20.0
unknown6.64	6.64	58.2	ng	5696510	1	6.86	1956530	20.0
unknown10.81	10.81	3.5	ng	450551	4	11.39	2552060	20.0
Heptacosane	11.27	2.4	ng	309288	4	11.39	2552060	20.0
unknown13.54	13.54	2.6	ng	249500	5	14.02	1951690	20.0
Trichloroacetic a...	13.88	2.2	ng	212304	5	14.02	1951690	20.0
1-Decyloxy-2-nitr...	14.66	2.9	ng	278900	5	14.02	1951690	20.0