

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081121.D
 Acq On : 20 Aug 2015 11:53
 Operator : UM/IZ
 Sample : G3230-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3A

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-BF081715.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	4.699	243	246	259	rVB	564558	959789	58.23%	4.561%
2	5.156	283	286	289	rBV	1306363	1406123	85.32%	6.682%
3	6.230	377	380	383	rBV	1103989	1648151	100.00%	7.832%
4	6.356	388	391	393	rBV	1636130	1615012	97.99%	7.674%
5	6.584	409	411	413	rBV	474776	412843	25.05%	1.962%
6	6.744	422	425	427	rBV	1360691	1164097	70.63%	5.532%
7	7.156	458	461	464	rBV	1001207	918880	55.75%	4.366%
8	7.876	521	524	526	rBV	640455	557773	33.84%	2.651%
9	8.950	616	618	621	rBV	1344160	1509712	91.60%	7.174%
10	9.328	644	651	652	rBV2	24259	72456	4.40%	0.344%
11	9.350	652	653	655	rVV	145933	136157	8.26%	0.647%
12	9.453	659	662	663	rVV	23479	29247	1.77%	0.139%
13	9.579	671	673	674	rBV	44389	52812	3.20%	0.251%
14	9.625	674	677	679	rVV	413062	554850	33.66%	2.637%
15	9.739	685	687	689	rVB2	30127	29609	1.80%	0.141%
16	9.808	689	693	694	rBV	26298	49616	3.01%	0.236%
17	9.899	699	701	702	rVV	32125	34333	2.08%	0.163%
18	9.956	702	706	708	rVV2	24693	52010	3.16%	0.247%
19	10.070	715	716	718	rVB	90201	69618	4.22%	0.331%
20	10.288	732	735	738	rBV	95937	138625	8.41%	0.659%
21	10.402	742	745	747	rVB	851877	796569	48.33%	3.785%
22	10.493	747	753	755	rBV4	29237	103140	6.26%	0.490%
23	10.539	755	757	761	rVV	151448	282791	17.16%	1.344%
24	10.733	772	774	776	rBV2	62190	90458	5.49%	0.430%
25	10.859	784	785	788	rBV3	50768	89813	5.45%	0.427%
26	10.985	794	796	797	rBV	194069	196518	11.92%	0.934%
27	11.019	797	799	803	rVV	193126	201770	12.24%	0.959%
28	11.088	803	805	807	rVV	483913	427396	25.93%	2.031%
29	11.293	822	823	824	rBV	71974	55359	3.36%	0.263%
30	11.362	828	829	831	rVV	56974	73465	4.46%	0.349%
31	11.408	831	833	836	rVV	165980	227625	13.81%	1.082%
32	11.579	845	848	852	rBV3	90086	301461	18.29%	1.433%
33	11.648	852	854	855	rBV	97533	93350	5.66%	0.444%
34	11.705	858	859	862	rBV2	115566	184239	11.18%	0.875%

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35	11.819	867	869	871	rVV	257055	230668	14.00%	1.096%
36	11.968	880	882	885	rBV2	195726	364181	22.10%	1.731%
37	12.105	892	894	896	rBV	203257	285936	17.35%	1.359%
38	12.208	901	903	904	rBV	253224	235740	14.30%	1.120%
39	12.311	910	912	914	rBV2	150681	199616	12.11%	0.949%
40	12.345	914	915	920	rVV2	251360	571923	34.70%	2.718%
41	12.585	934	936	937	rBV	198572	320850	19.47%	1.525%
42	12.676	942	944	946	rBV	869939	1067018	64.74%	5.070%
43	13.065	975	978	983	rBV	436211	1089609	66.11%	5.178%
44	13.397	1005	1007	1012	rVB2	378036	744105	45.15%	3.536%
45	13.717	1033	1035	1040	rBV2	657188	1398564	84.86%	6.646%

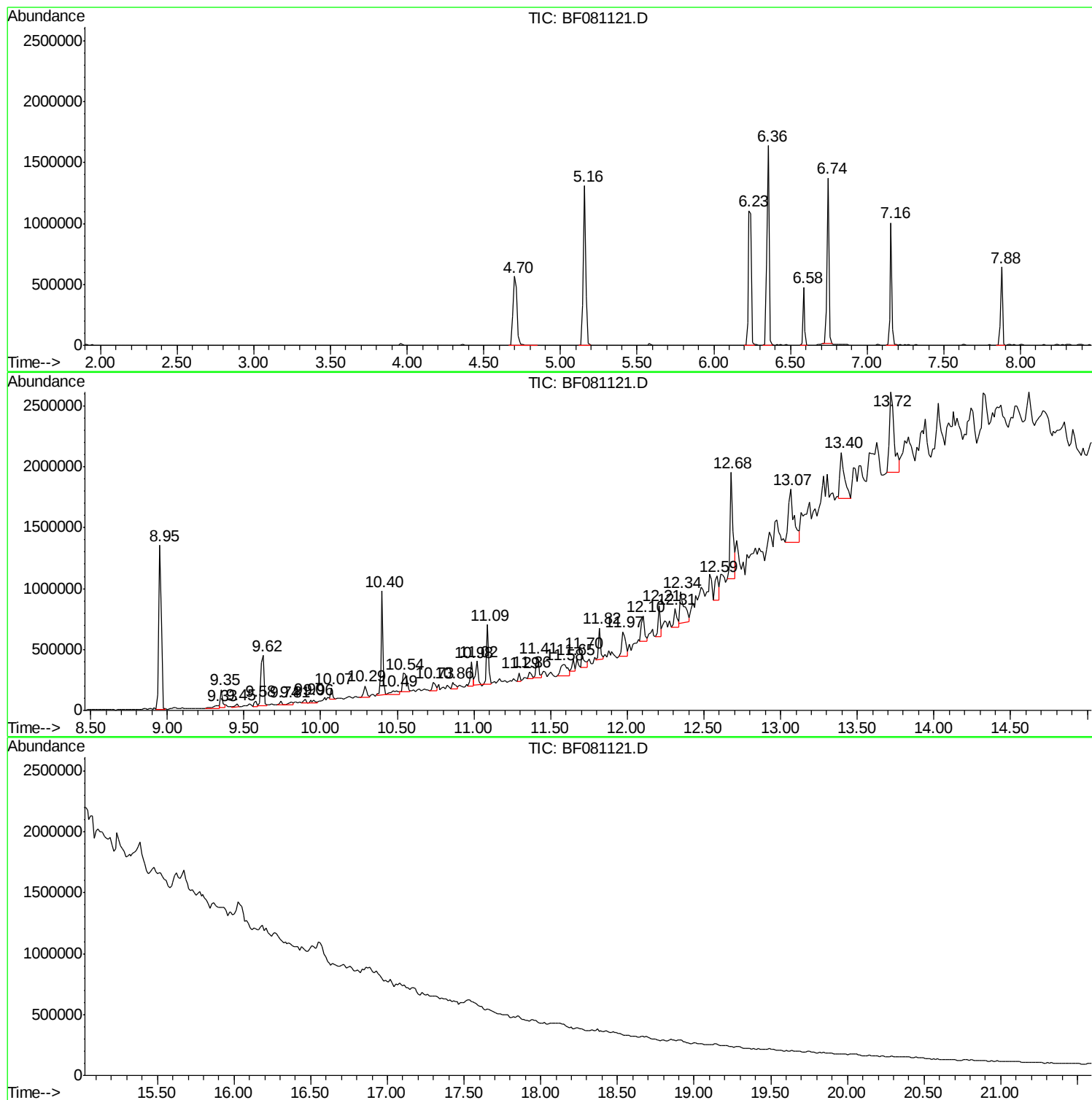
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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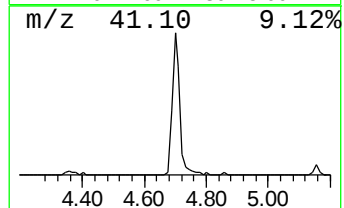
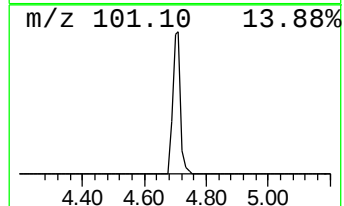
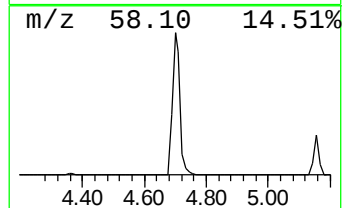
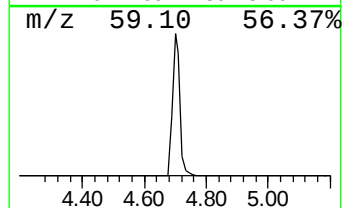
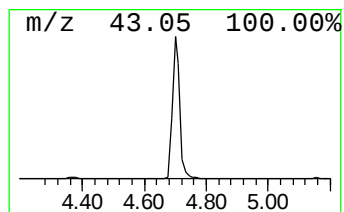
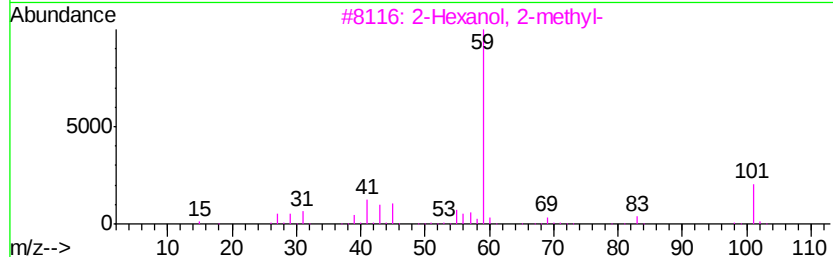
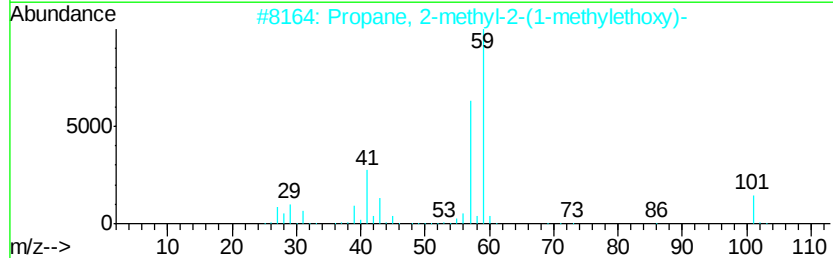
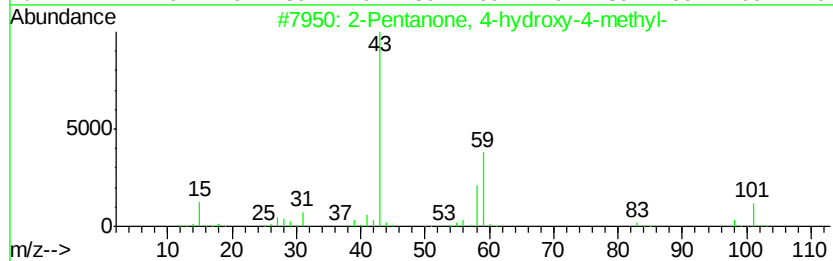
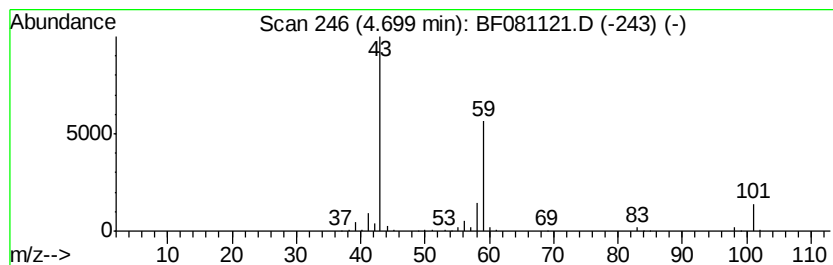
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.70	46.50 ng	959789	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	



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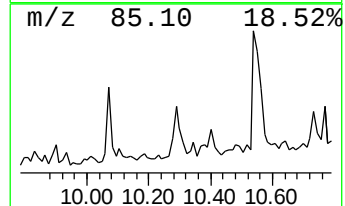
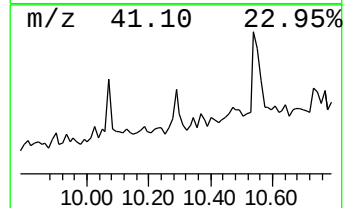
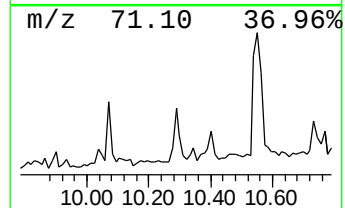
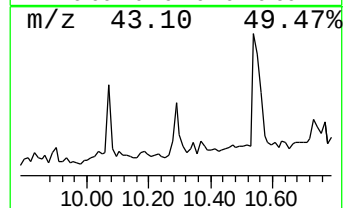
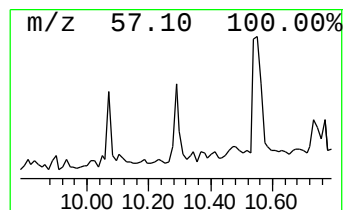
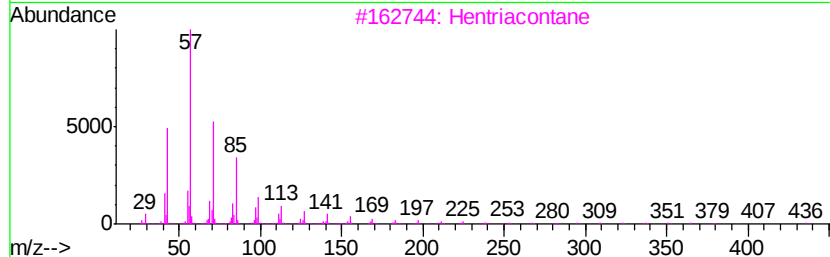
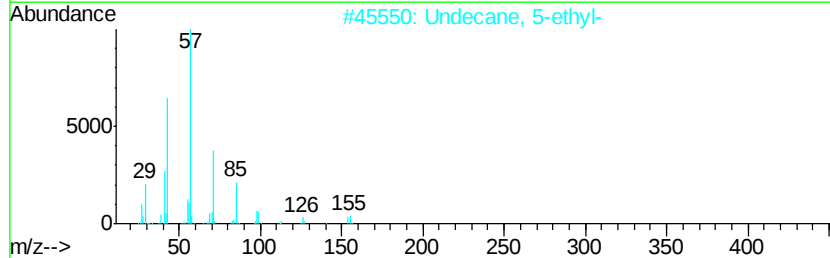
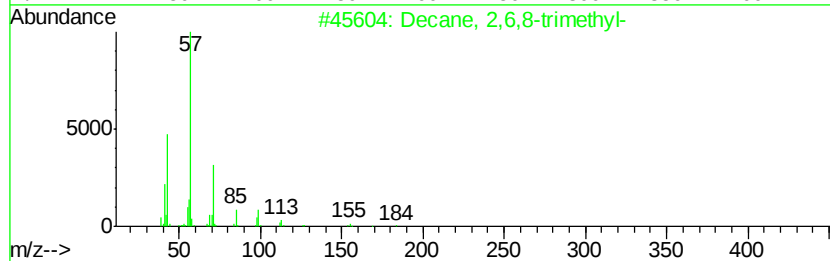
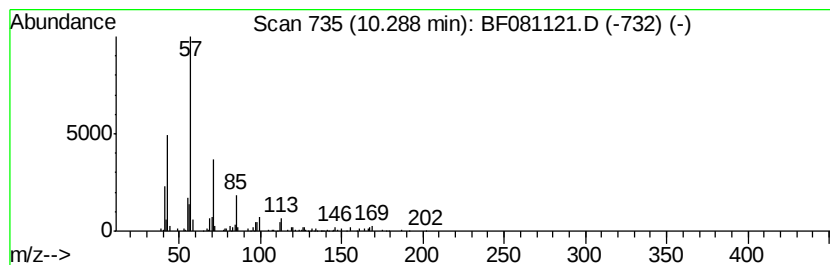
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Peak Number 4 Decane, 2,6,8-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	5.00 ng	138625	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3		Hentriacontane	437	C31H64	000630-04-6	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



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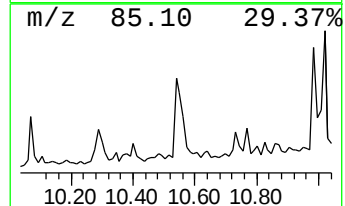
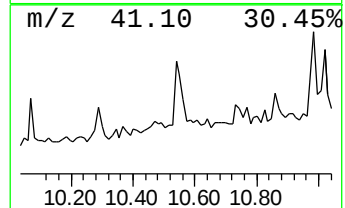
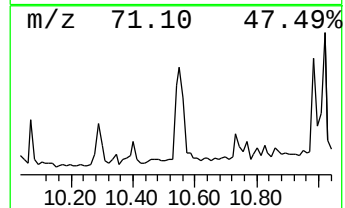
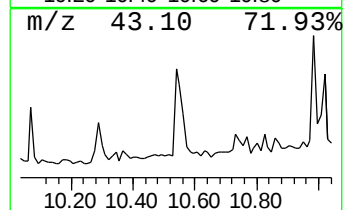
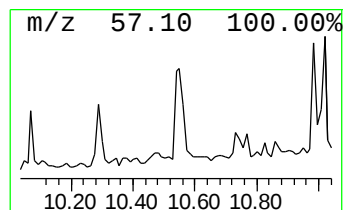
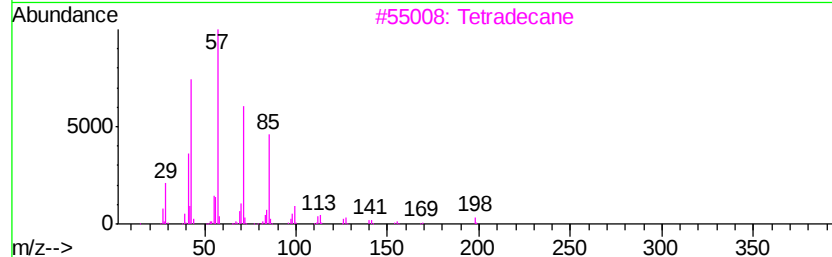
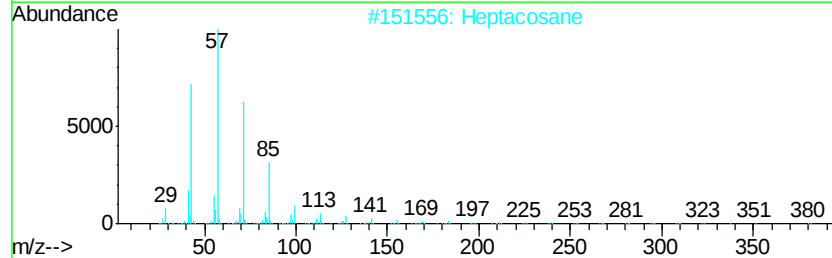
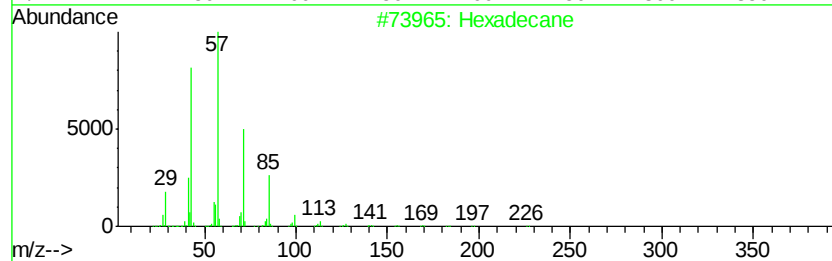
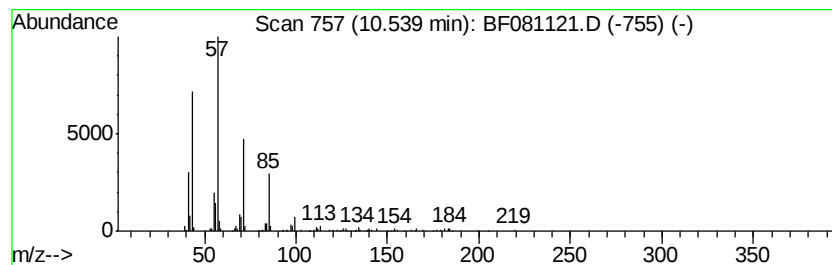
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.54	13.23 ng	282791	Phenanthrene-d10		11.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Heptacosane		380	C27H56	000593-49-7	80
3	Tetradecane		198	C14H30	000629-59-4	78
4	Pentadecane		212	C15H32	000629-62-9	78
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	72



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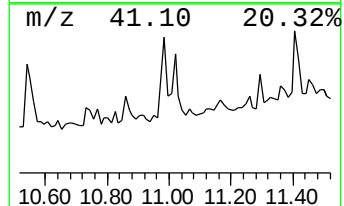
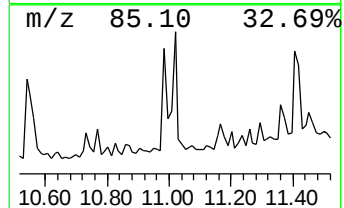
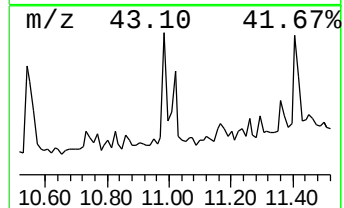
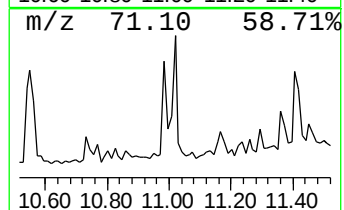
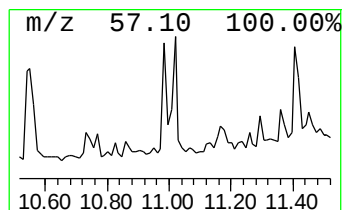
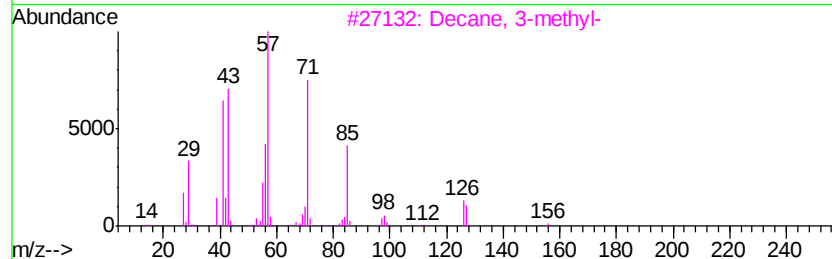
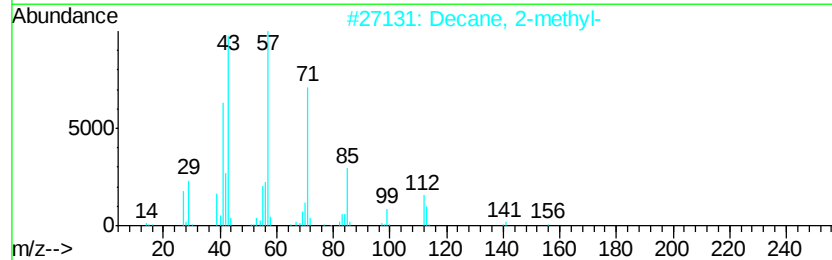
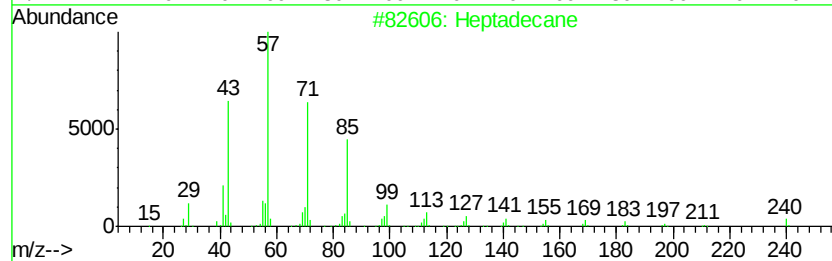
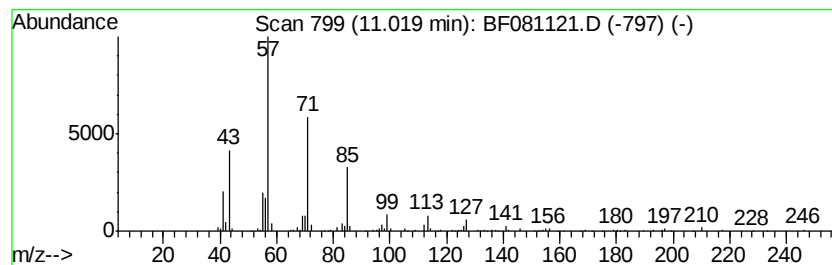
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Peak Number 8 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	9.44 ng	201770	Phenanthrene-d10	11.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	86
2	Decane, 2-methyl-	156 C11H24	006975-98-0	80
3	Decane, 3-methyl-	156 C11H24	013151-34-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
5	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	64



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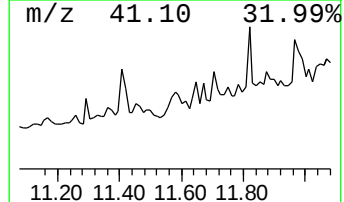
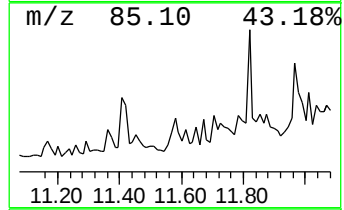
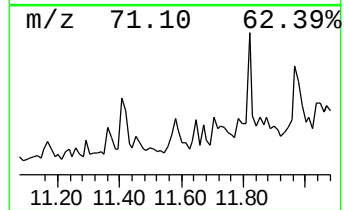
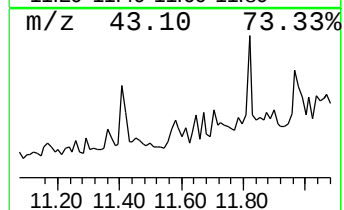
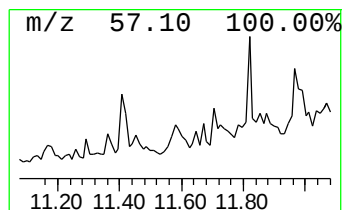
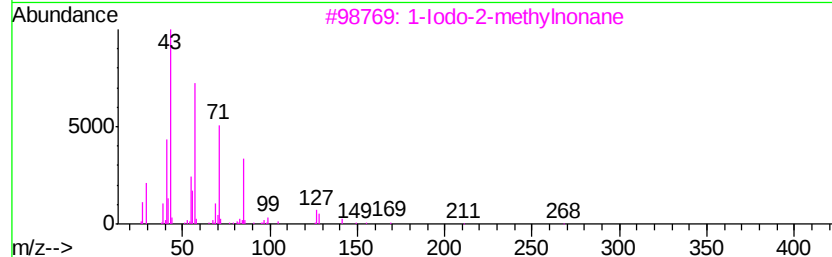
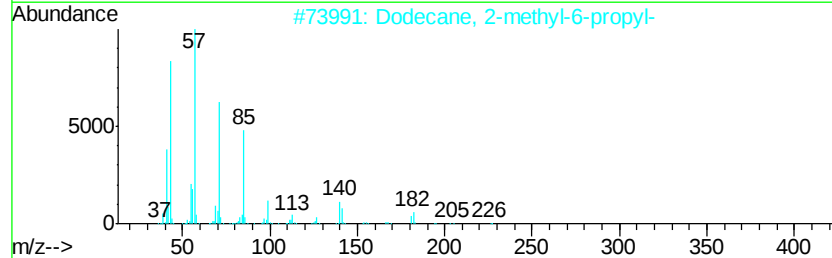
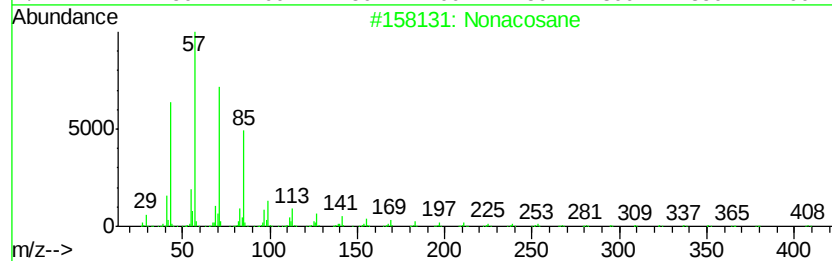
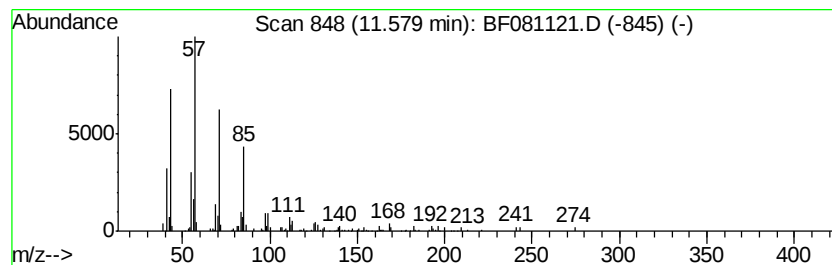
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	14.11 ng	301461	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	64
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
4		Octacosane	394	C28H58	000630-02-4	52
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52



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Sample : G3230-04
Misc :
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Instrument :
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ClientSampleId :
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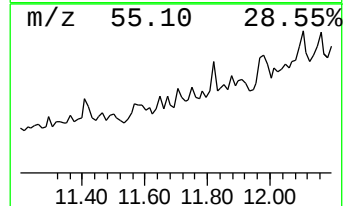
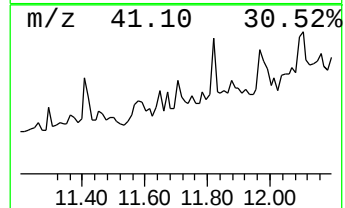
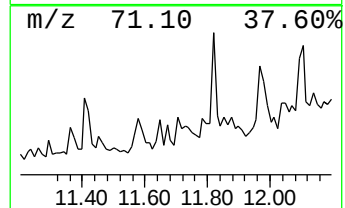
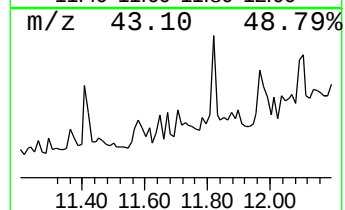
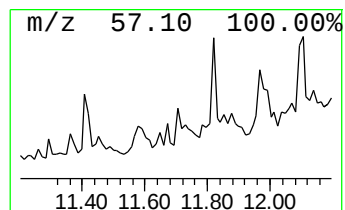
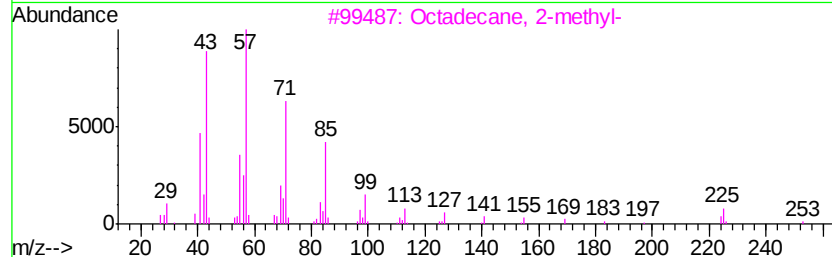
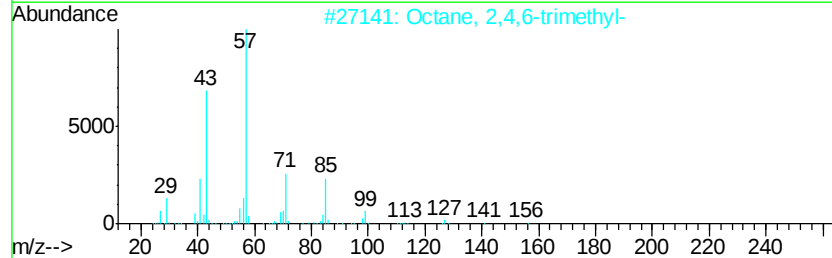
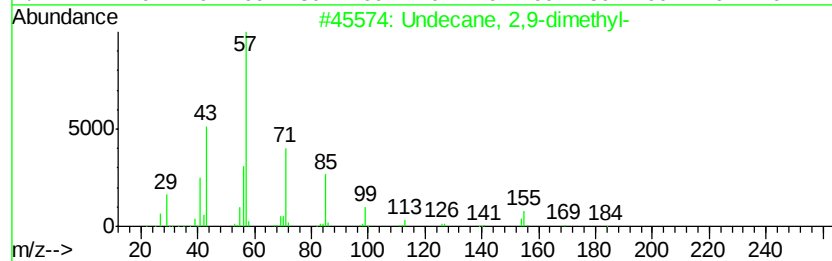
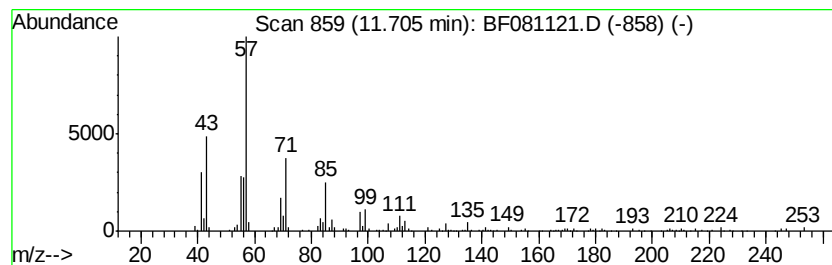
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.62 ng	184239	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
5			Octacosane	394	C28H58	000630-02-4	52



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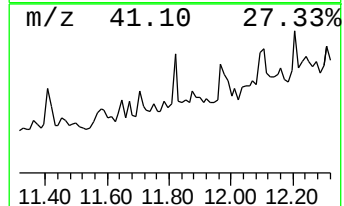
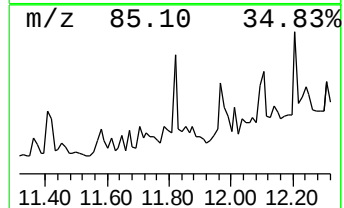
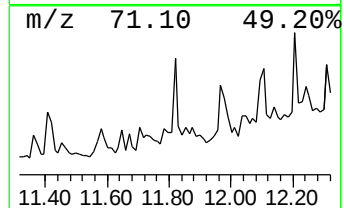
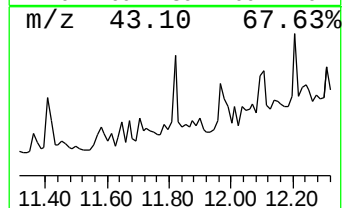
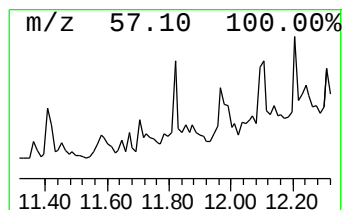
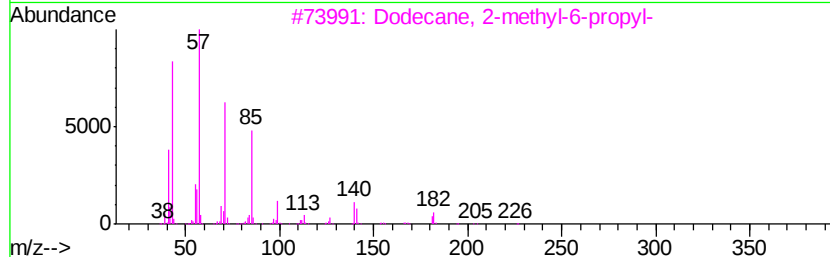
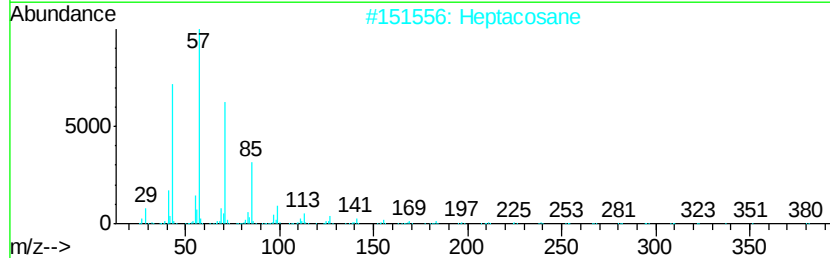
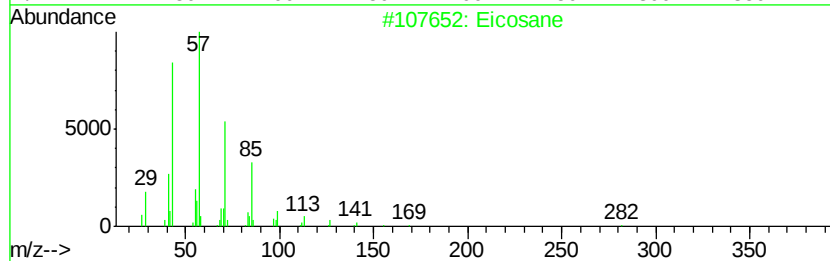
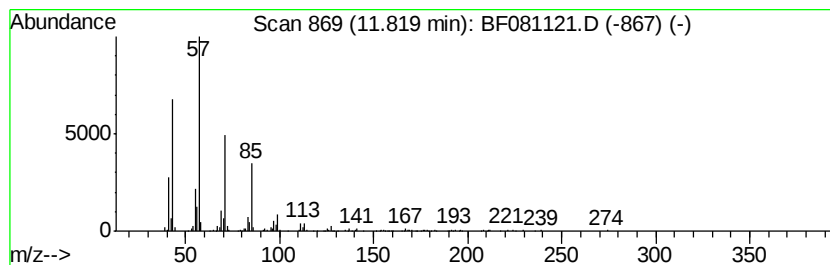
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.79 ng	230668	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081121.D
Acq On : 20 Aug 2015 11:53
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Sample : G3230-04
Misc :
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ClientSampleId :
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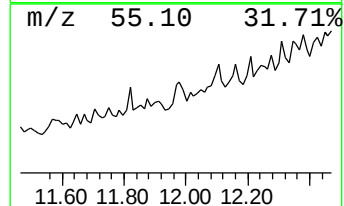
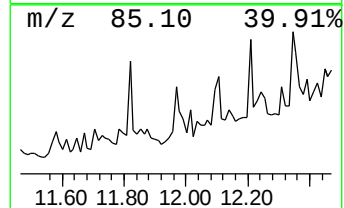
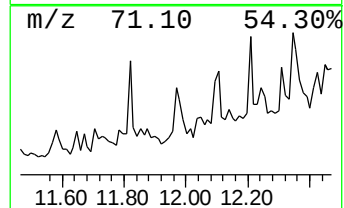
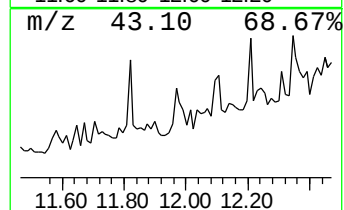
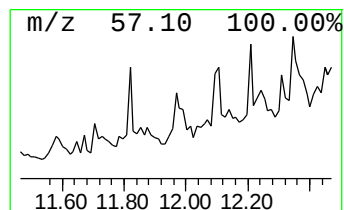
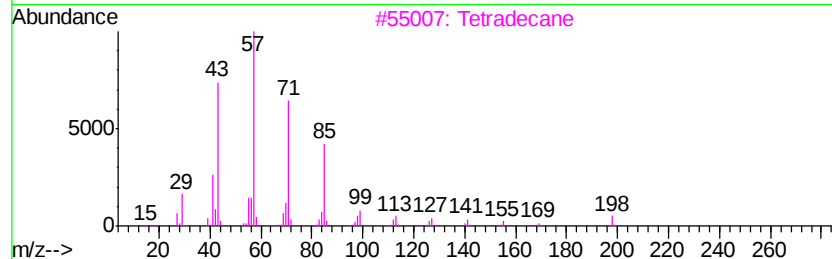
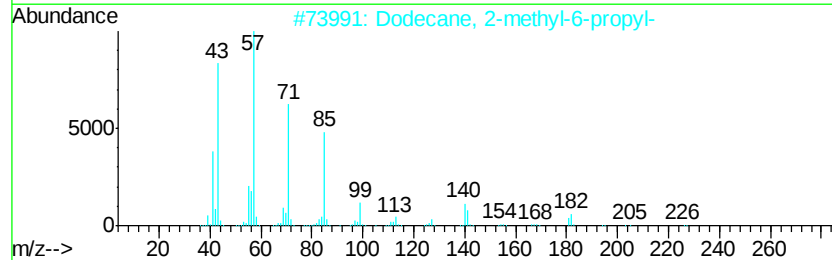
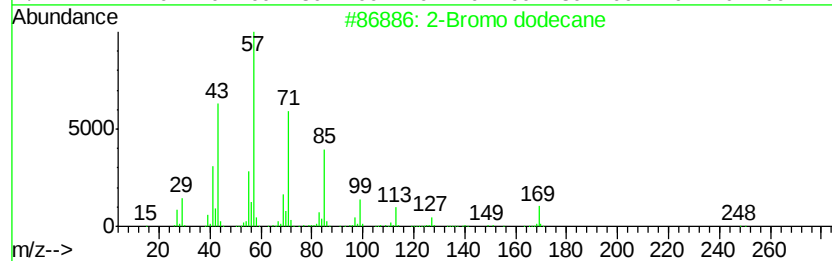
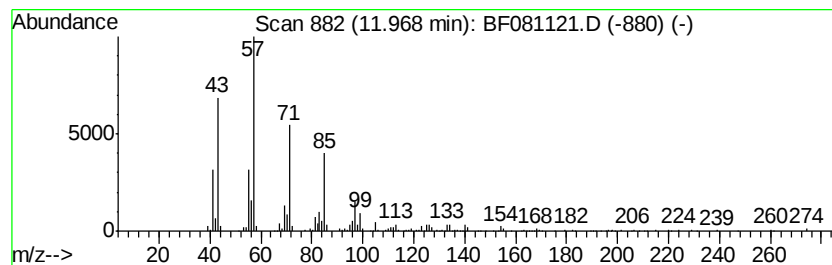
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	17.04 ng	364181	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3		Tetradecane	198	C14H30	000629-59-4	64
4		Hexadecane	226	C16H34	000544-76-3	58
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081121.D
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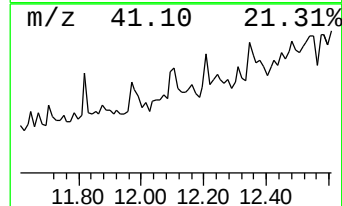
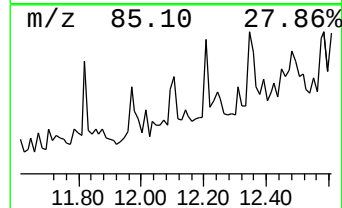
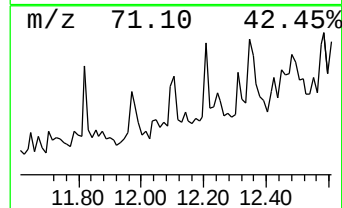
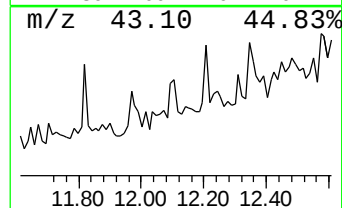
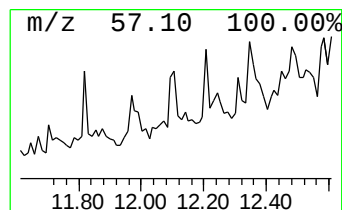
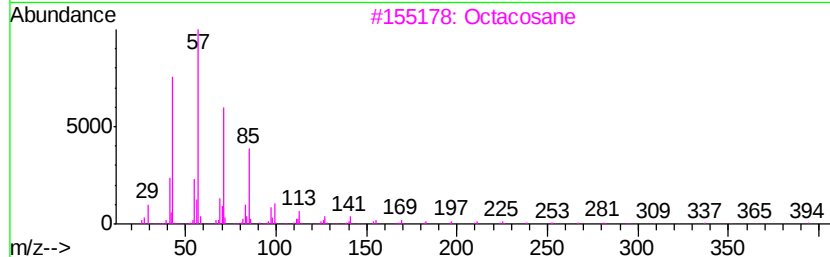
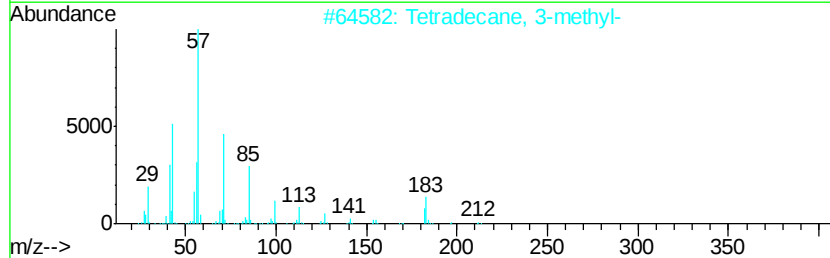
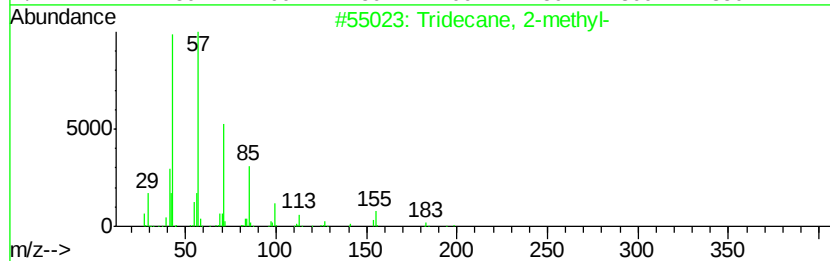
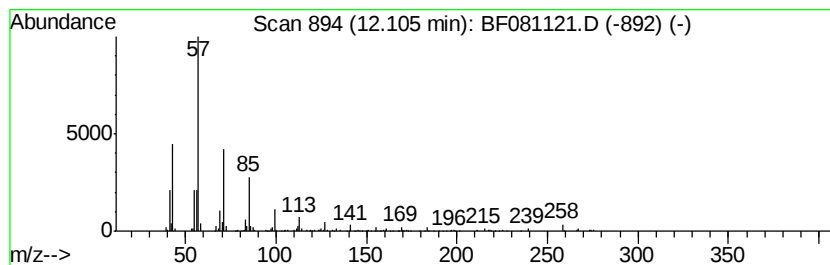
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	13.38 ng	285936	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
3		Octacosane	394	C28H58	000630-02-4	68
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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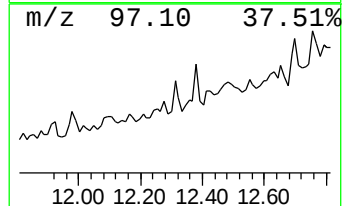
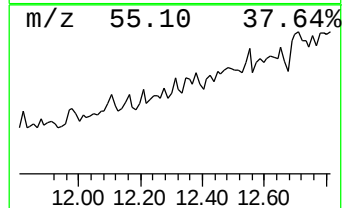
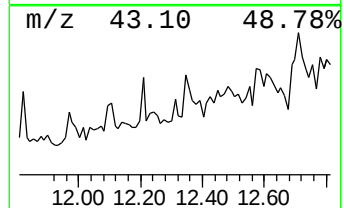
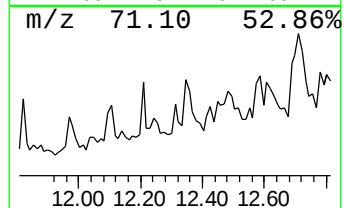
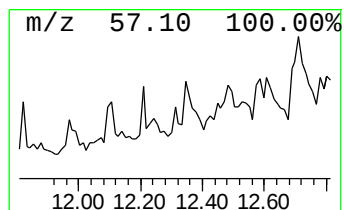
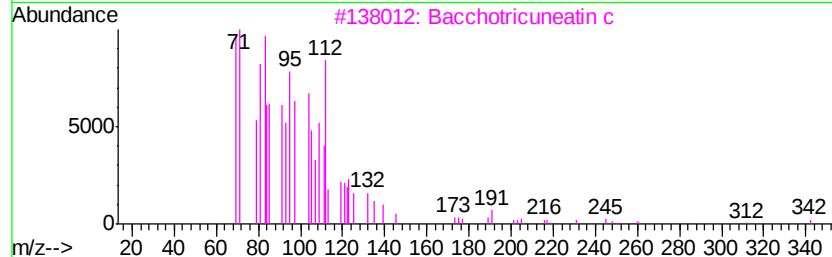
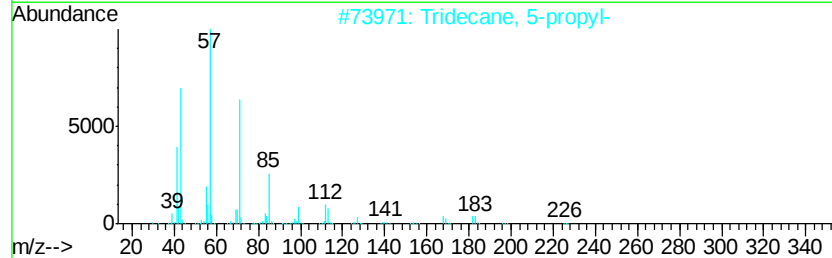
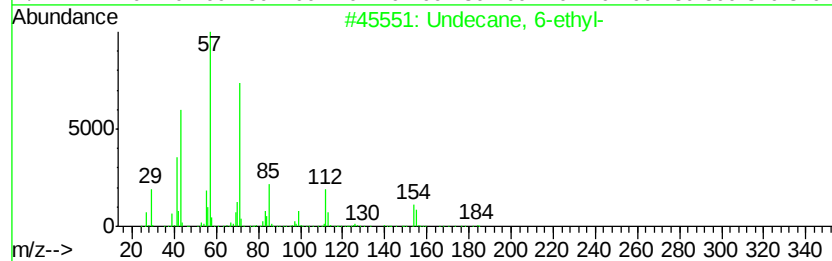
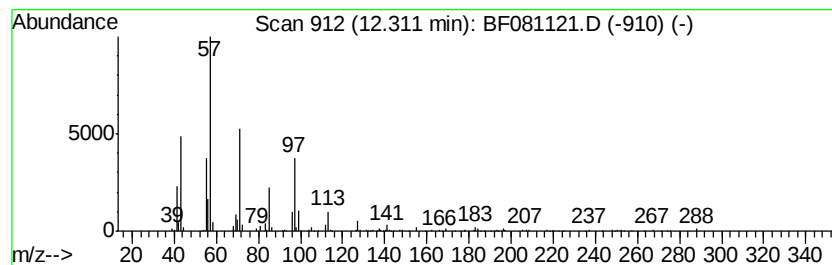
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 6-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.31	9.34 ng	199616	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
5	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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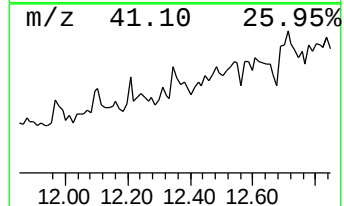
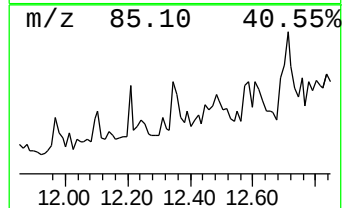
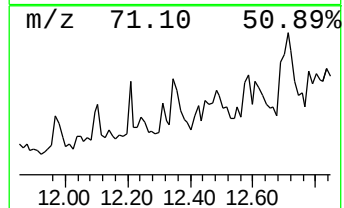
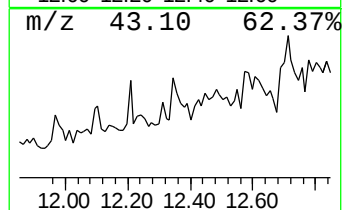
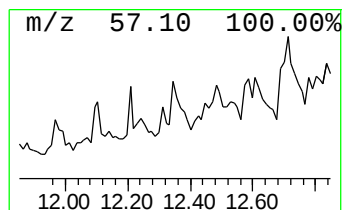
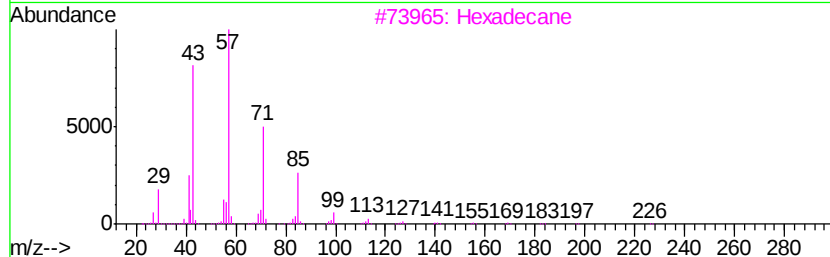
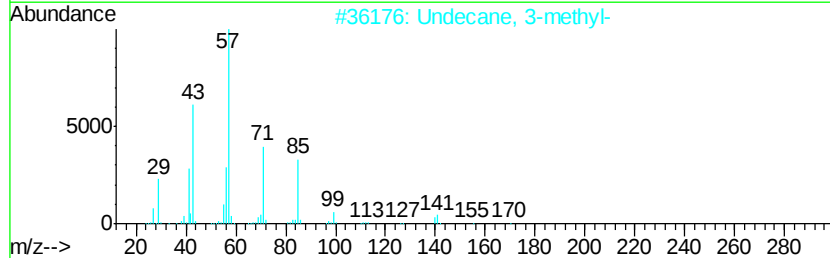
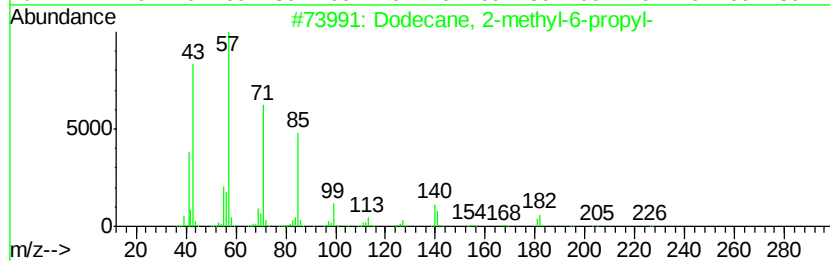
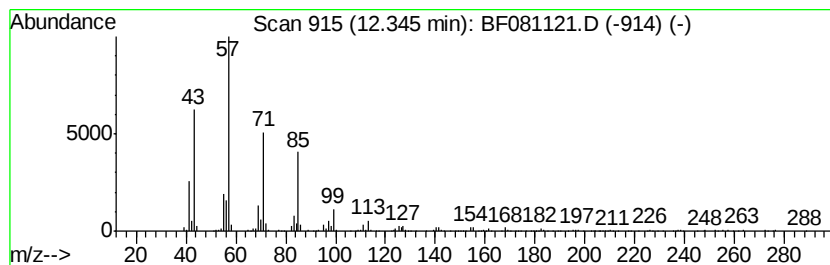
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	26.76 ng	571923	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3		Hexadecane	226	C16H34	000544-76-3	76
4		Eicosane	282	C20H42	000112-95-8	64
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081121.D
Acq On : 20 Aug 2015 11:53
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Sample : G3230-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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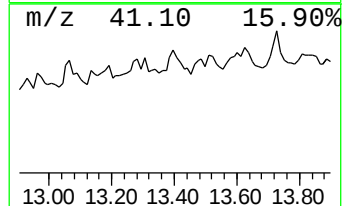
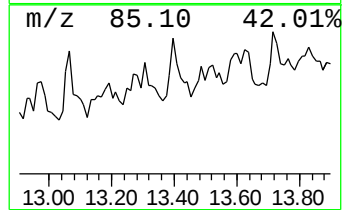
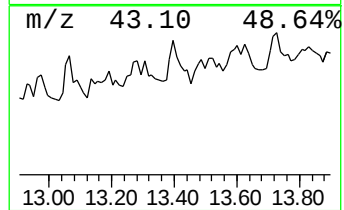
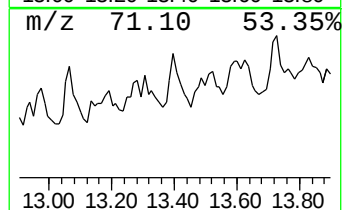
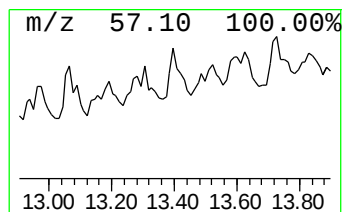
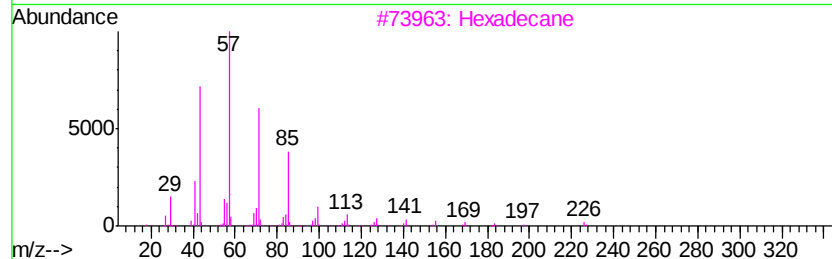
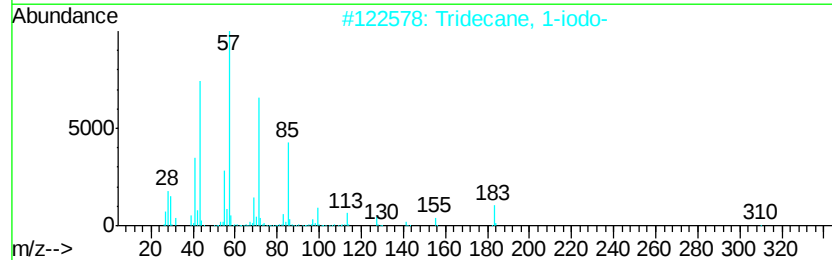
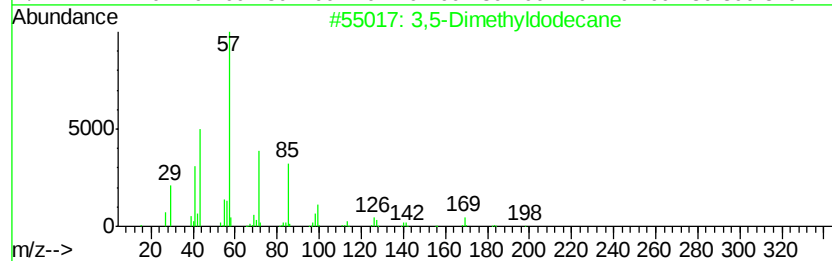
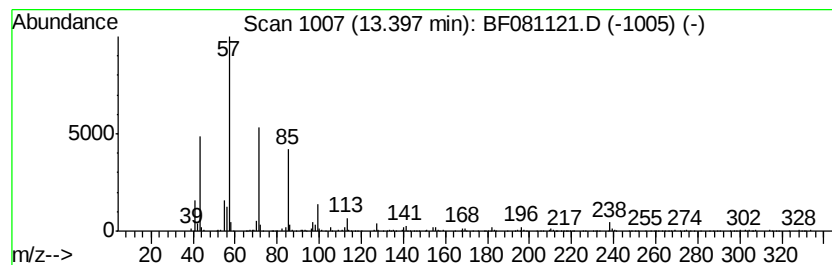
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,5-Dimethyldodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	10.64 ng	744105	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Hexadecane	226	C16H34	000544-76-3	78
4		Pentadecane	212	C15H32	000629-62-9	72
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081121.D
Acq On : 20 Aug 2015 11:53
Operator : UM/IZ
Sample : G3230-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB3A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.70	46.5	ng	959789	1	6.58	412843	20.0
Decane, 2,6,8-tri...	10.29	5.0	ng	138625	3	9.62	554850	20.0
Hexadecane	10.54	13.2	ng	282791	4	11.09	427396	20.0
Heptadecane	11.02	9.4	ng	201770	4	11.09	427396	20.0
Nonacosane	11.58	14.1	ng	301461	4	11.09	427396	20.0
Undecane, 2,9-dim...	11.70	8.6	ng	184239	4	11.09	427396	20.0
Eicosane	11.82	10.8	ng	230668	4	11.09	427396	20.0
2-Bromo dodecane	11.97	17.0	ng	364181	4	11.09	427396	20.0
Tridecane, 2-methyl-	12.11	13.4	ng	285936	4	11.09	427396	20.0
Undecane, 6-ethyl-	12.31	9.3	ng	199616	4	11.09	427396	20.0
Dodecane, 2-methy...	12.35	26.8	ng	571923	4	11.09	427396	20.0
3,5-Dimethyldodecane	13.40	10.6	ng	744105	5	13.72	1398560	20.0