

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
 Data File : BF081078.D
 Acq On : 19 Aug 2015 11:09
 Operator : UM/IZ
 Sample : G3282-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-081215

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	3.987	172	175	182	rBV	13271	21738	1.03%	0.096%
2	4.730	237	240	248	rBV	744056	1239525	58.78%	5.467%
3	5.187	276	280	282	rBV	1503808	1938978	91.94%	8.552%
4	6.261	370	374	376	rBV	1423257	2108851	100.00%	9.302%
5	6.376	381	384	386	rBV	1911553	2008955	95.26%	8.861%
6	6.604	402	404	406	rBV	463590	371088	17.60%	1.637%
7	6.764	415	418	420	rBV	1578379	1494218	70.85%	6.591%
8	7.176	451	454	456	rBV	1304208	1256325	59.57%	5.541%
9	7.816	507	510	512	rBV	22860	25461	1.21%	0.112%
10	7.896	514	517	519	rVB	341467	458116	21.72%	2.021%
11	7.976	523	524	527	rBV	17718	22612	1.07%	0.100%
12	8.970	608	611	613	rBV	2159251	1915110	90.81%	8.447%
13	9.370	644	646	648	rBV	346004	334257	15.85%	1.474%
14	9.416	648	650	654	rVB	39556	49184	2.33%	0.217%
15	9.587	663	665	667	rVB	49998	41761	1.98%	0.184%
16	9.633	667	669	672	rBV	597701	519411	24.63%	2.291%
17	10.090	702	709	710	rBV	73278	99078	4.70%	0.437%
18	10.308	725	728	729	rBV	47063	53856	2.55%	0.238%
19	10.422	735	738	740	rVB	1045551	1111131	52.69%	4.901%
20	10.559	748	750	753	rBV	132888	208533	9.89%	0.920%
21	10.650	756	758	760	rVB2	20698	28214	1.34%	0.124%
22	10.753	765	767	770	rBV3	16706	41816	1.98%	0.184%
23	11.005	787	789	790	rBV	134904	131324	6.23%	0.579%
24	11.028	790	791	794	rVB	69446	70684	3.35%	0.312%
25	11.108	795	798	800	rVV	635379	567053	26.89%	2.501%
26	11.176	802	804	808	rVB2	13884	26282	1.25%	0.116%
27	11.382	820	822	824	rBV	34126	49345	2.34%	0.218%
28	11.428	824	826	828	rVB	135433	117615	5.58%	0.519%
29	11.588	837	840	843	rBV3	22588	63194	3.00%	0.279%
30	11.656	845	846	850	rVV	99804	152418	7.23%	0.672%
31	11.713	850	851	853	rBV2	14334	24516	1.16%	0.108%
32	11.828	859	861	865	rVB	109965	121122	5.74%	0.534%
33	11.908	866	868	871	rVB2	53661	57757	2.74%	0.255%
34	11.988	873	875	878	rBV3	17013	32126	1.52%	0.142%

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35	12.113	884	886	888	rVB	29677	31179	1.48%	0.138%
36	12.171	889	891	893	rBV2	16463	27410	1.30%	0.121%
37	12.216	893	895	897	rVB	72760	65141	3.09%	0.287%
38	12.319	902	904	906	rBV2	23144	38615	1.83%	0.170%
39	12.365	906	908	909	rBV	17916	30260	1.43%	0.133%
40	12.456	912	916	917	rBV2	32601	76074	3.61%	0.336%
41	12.536	921	923	924	rBV	327106	279545	13.26%	1.233%
42	12.582	924	927	931	rBV3	85329	185485	8.80%	0.818%
43	12.696	934	937	939	rBV	1833785	1902124	90.20%	8.390%
44	12.948	956	959	960	rBV2	60462	92373	4.38%	0.407%
45	12.982	960	962	966	rBV3	28140	54283	2.57%	0.239%
46	13.062	967	969	971	rBV	41292	54141	2.57%	0.239%
47	13.234	982	984	986	rBV	214367	222642	10.56%	0.982%
48	13.279	986	988	992	rVV	135461	194937	9.24%	0.860%
49	13.394	996	998	1004	rVV3	35439	96274	4.57%	0.425%
50	13.611	1015	1017	1024	rVB	247979	380572	18.05%	1.679%
51	13.725	1024	1027	1029	rBV	434928	459757	21.80%	2.028%
52	13.919	1042	1044	1049	rVB	118744	195403	9.27%	0.862%
53	14.022	1051	1053	1056	rBV2	39043	68519	3.25%	0.302%
54	14.228	1069	1071	1072	rBV	93733	90126	4.27%	0.398%
55	14.491	1092	1094	1099	rBV2	425286	626129	29.69%	2.762%
56	14.582	1100	1102	1104	rVB	190003	155241	7.36%	0.685%
57	14.811	1120	1122	1123	rBV	46018	43592	2.07%	0.192%
58	15.074	1142	1145	1147	rVV	244872	317752	15.07%	1.402%
59	15.131	1148	1150	1153	rVB	45135	71445	3.39%	0.315%
60	16.022	1226	1228	1242	rVB6	33471	151298	7.17%	0.667%

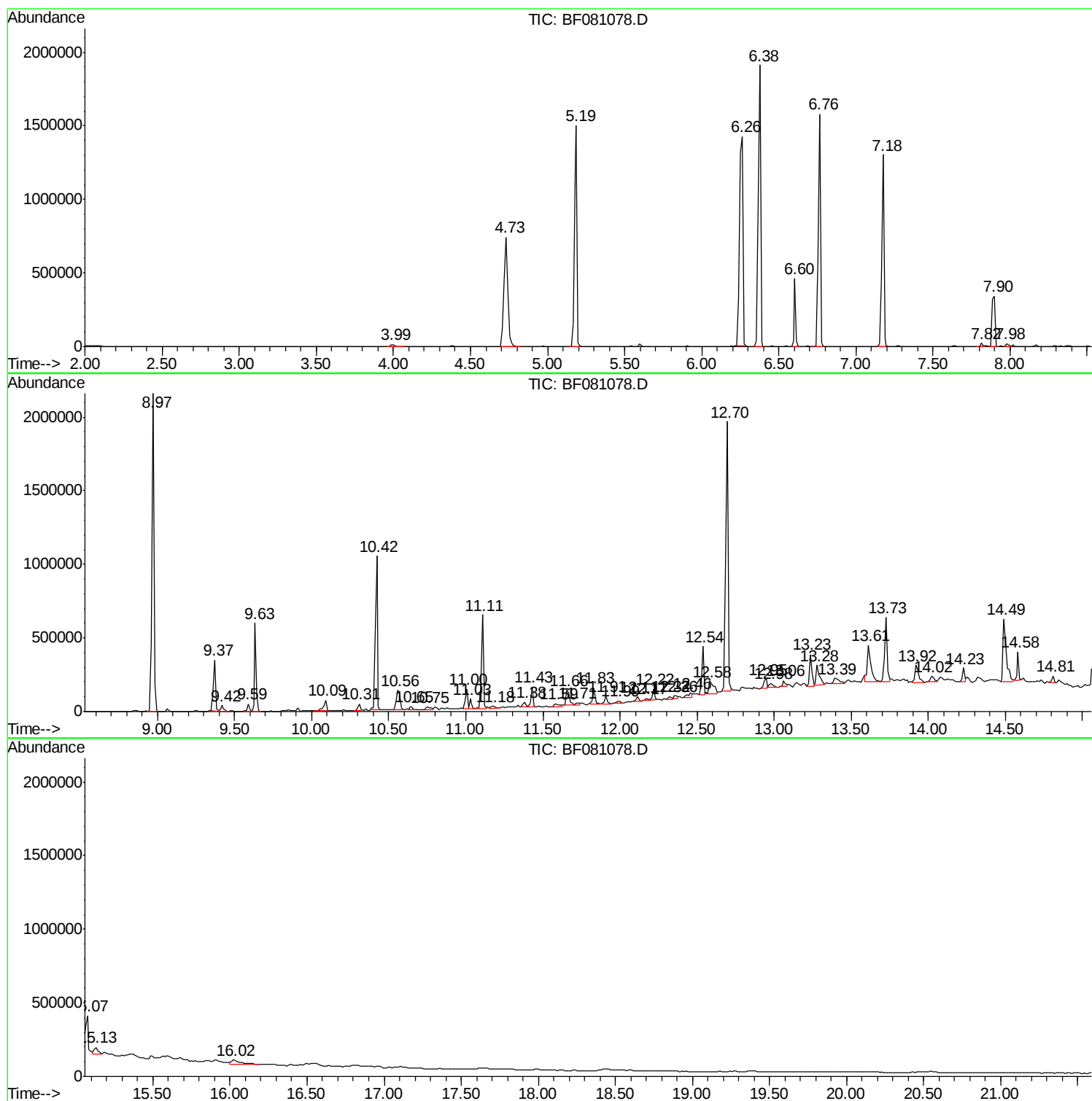
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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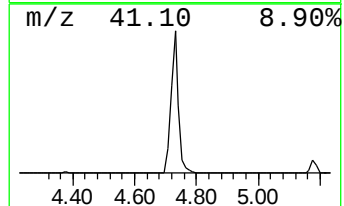
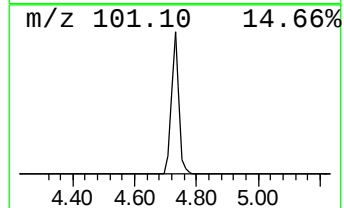
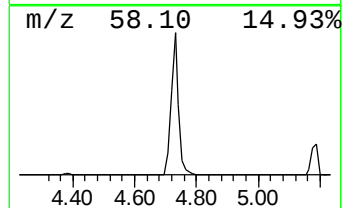
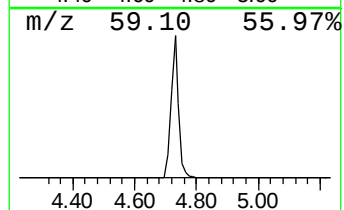
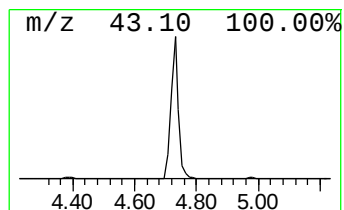
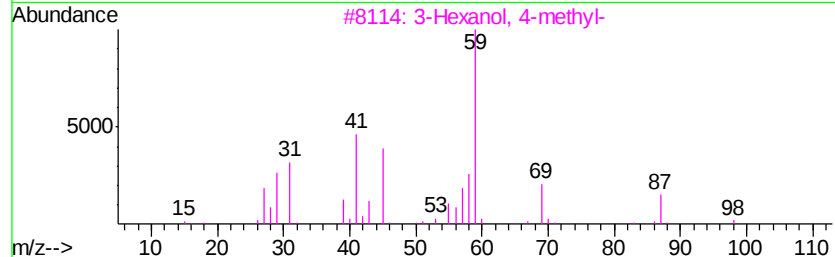
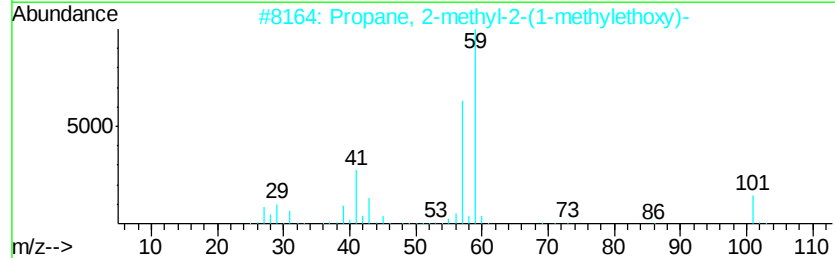
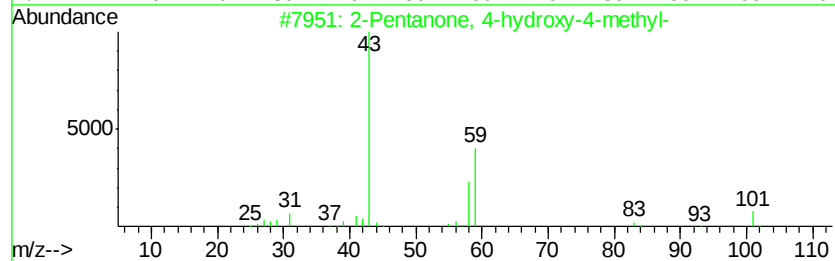
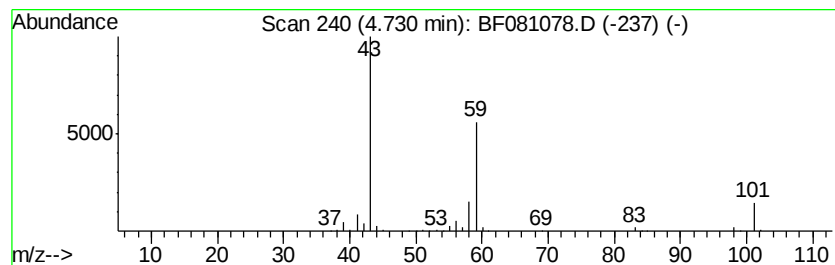
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.73	66.80 ng	1239530	1,4-Dichlorobenzene-d4	6.60

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			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	25



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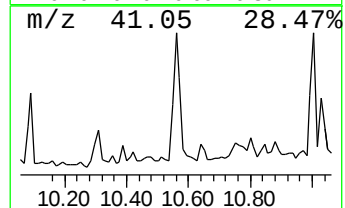
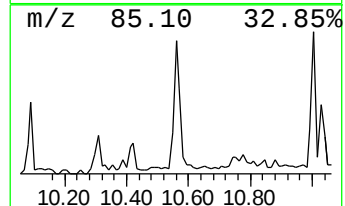
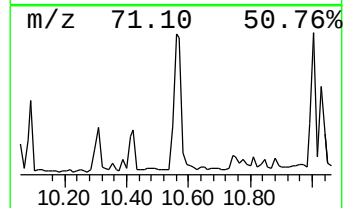
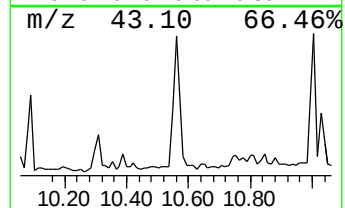
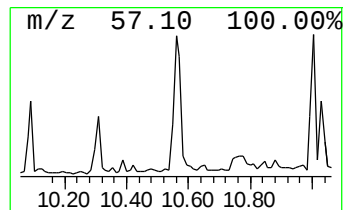
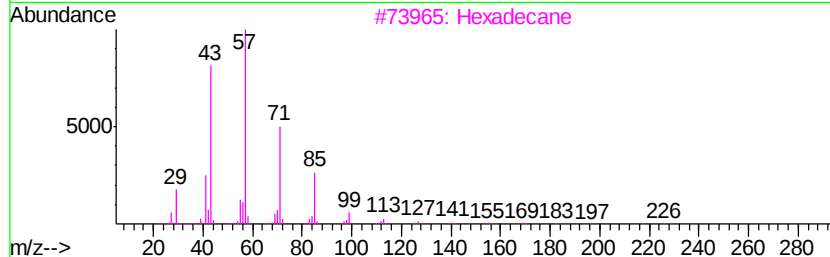
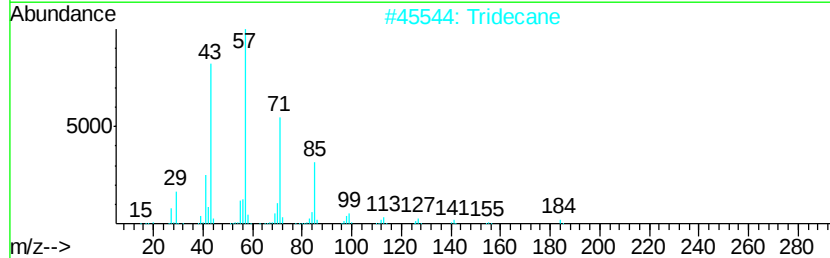
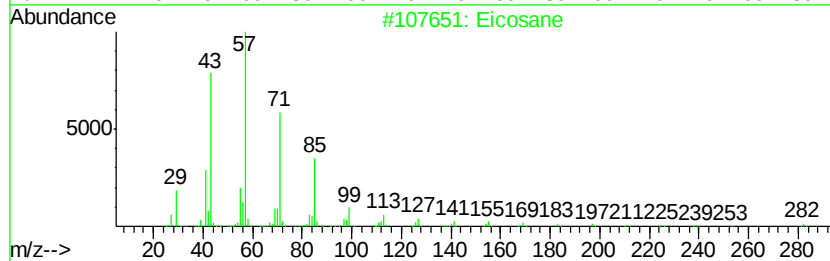
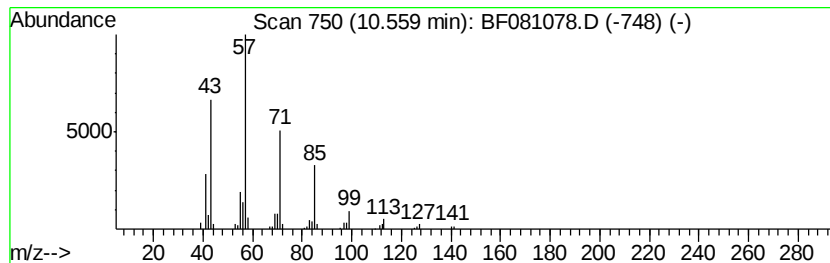
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.35 ng	208533	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Tridecane		184	C13H28	000629-50-5	86
3	Hexadecane		226	C16H34	000544-76-3	86
4	Tetracosane		338	C24H50	000646-31-1	86
5	Tetradecane		198	C14H30	000629-59-4	80



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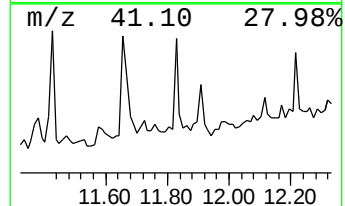
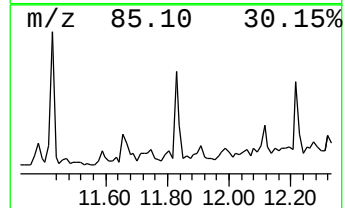
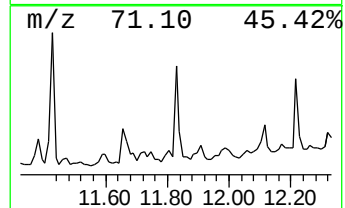
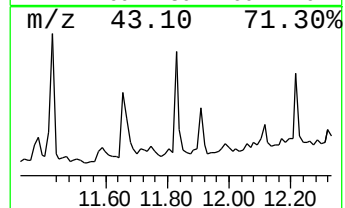
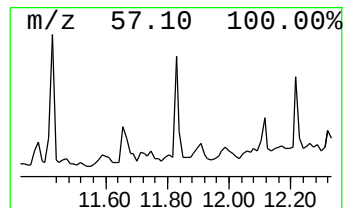
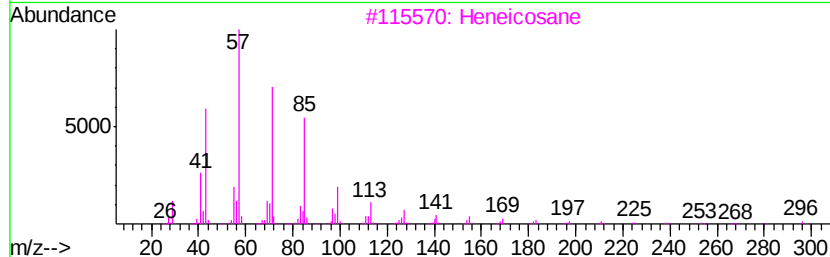
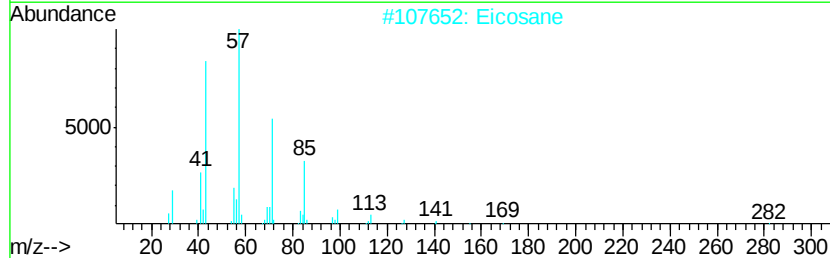
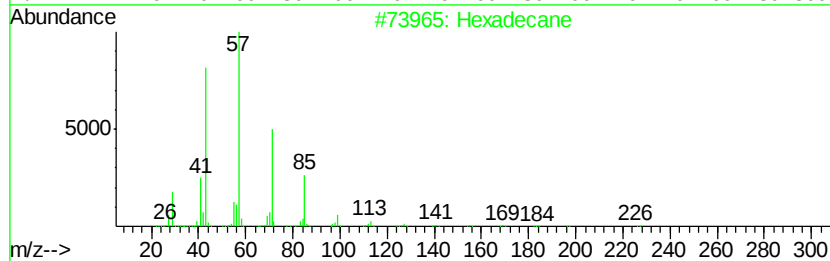
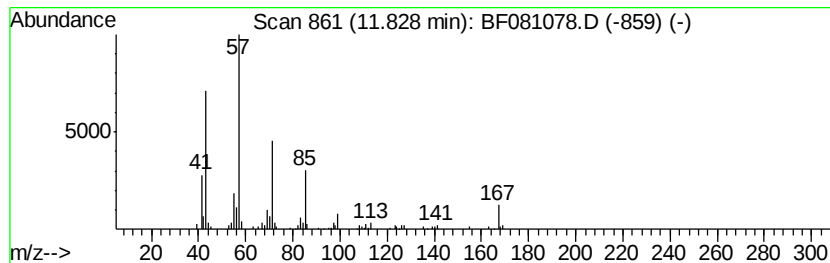
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.27 ng	121122	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Eicosane	282	C20H42	000112-95-8	83
3		Heneicosane	296	C21H44	000629-94-7	78
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



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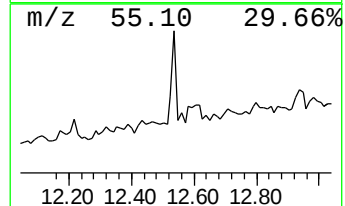
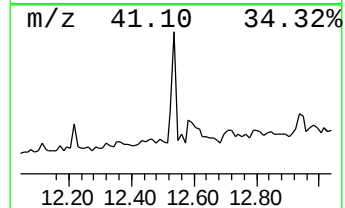
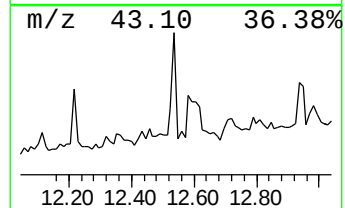
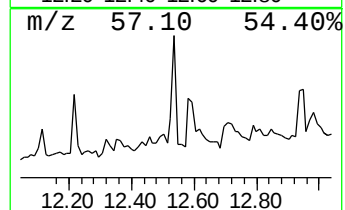
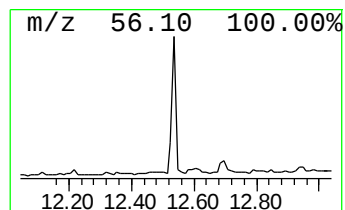
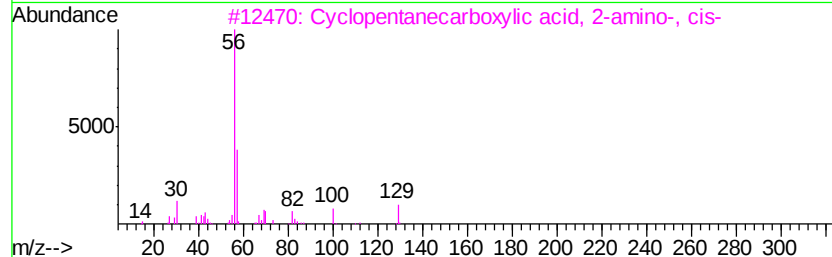
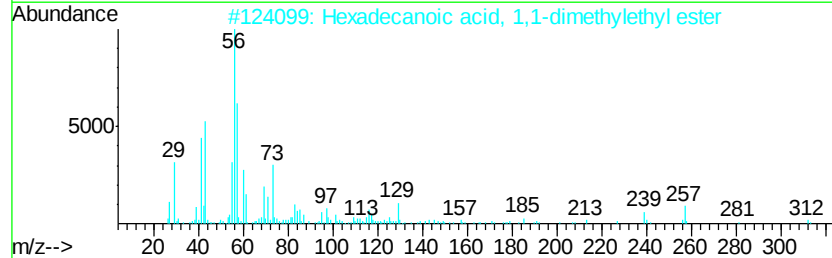
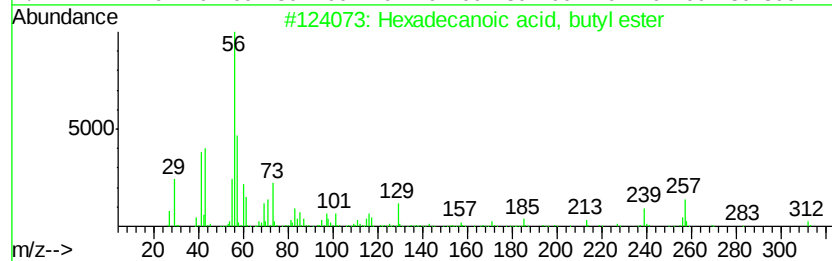
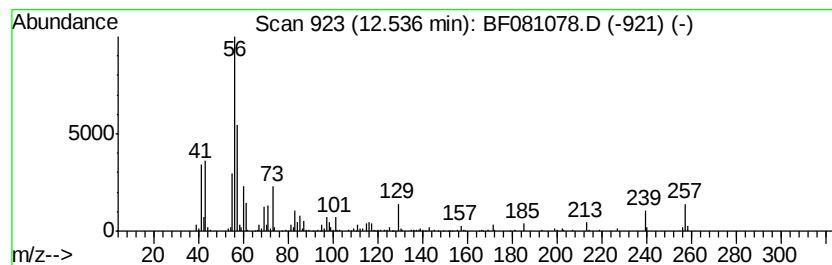
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	12.16 ng	279545	Chrysene-d12	13.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8 91
2		Hexadecanoic acid, 1,1-dimethyle...	312 C20H40O2	031158-91-5 80
3		Cyclopentanecarboxylic acid, 2-a...	129 C6H11NO2	037910-65-9 43
4		Cyclopentanecarboxylic acid, 2-a...	129 C6H11NO2	040482-05-1 43
5		2,4-Dipropyl-5-ethyl-1,3-dioxane	200 C12H24O2	006413-83-8 37



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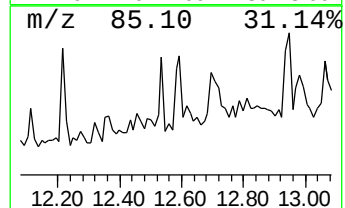
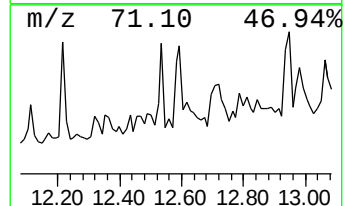
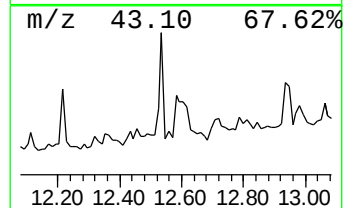
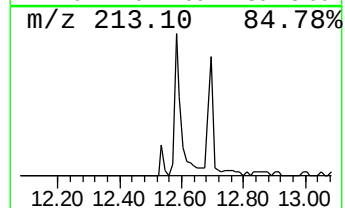
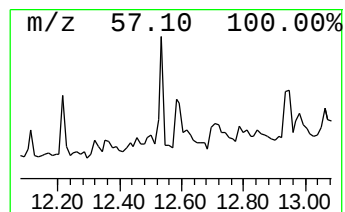
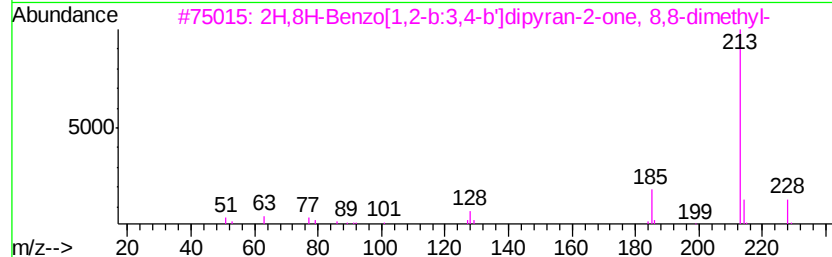
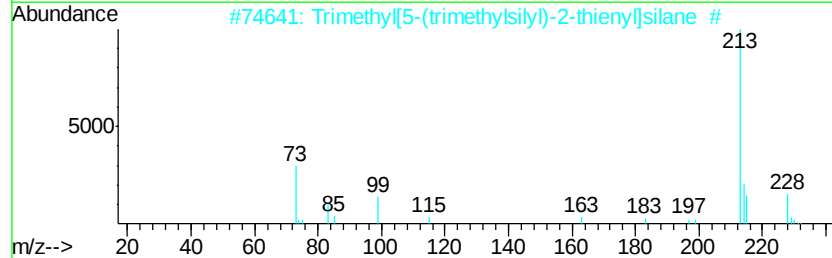
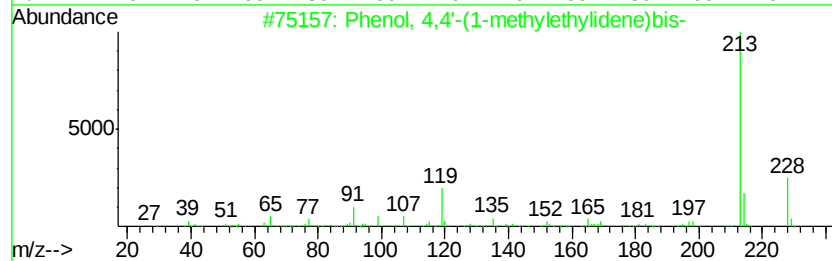
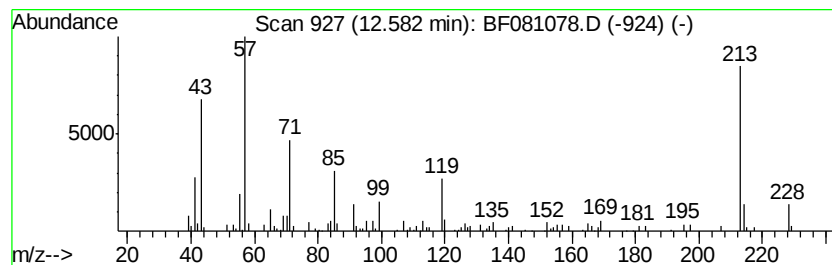
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.58	8.07 ng	185485	Chrysene-d12	13.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90	
2	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	53	
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	38	
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	38	
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	30	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081078.D
Acq On : 19 Aug 2015 11:09
Operator : UM/IZ
Sample : G3282-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP01-081215

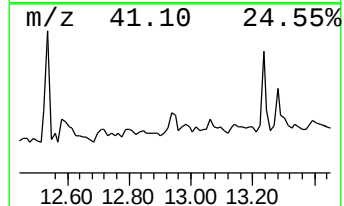
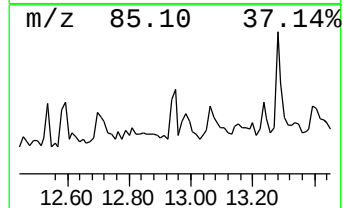
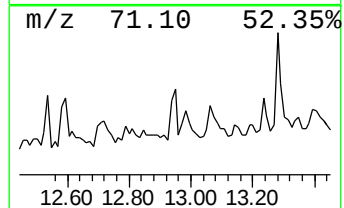
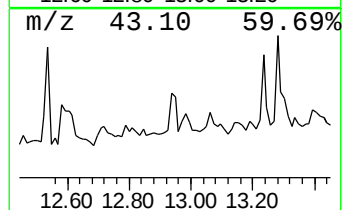
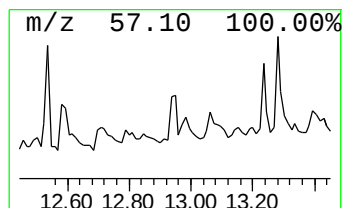
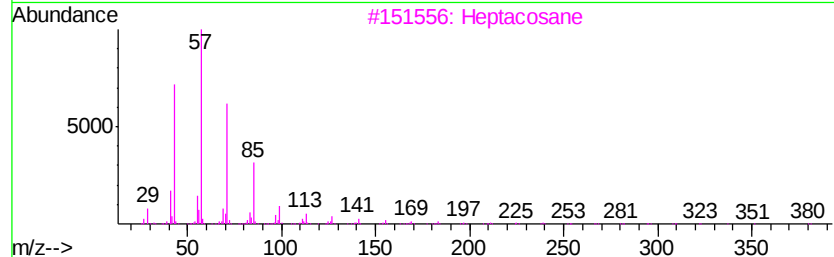
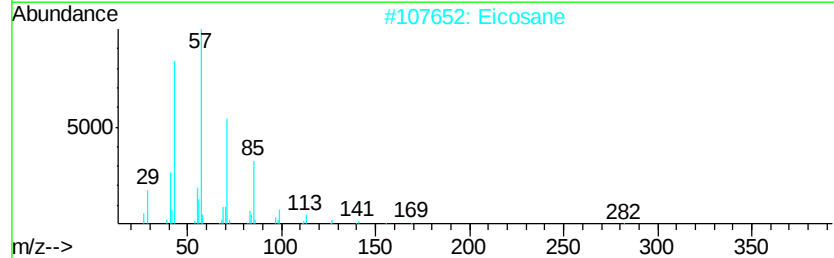
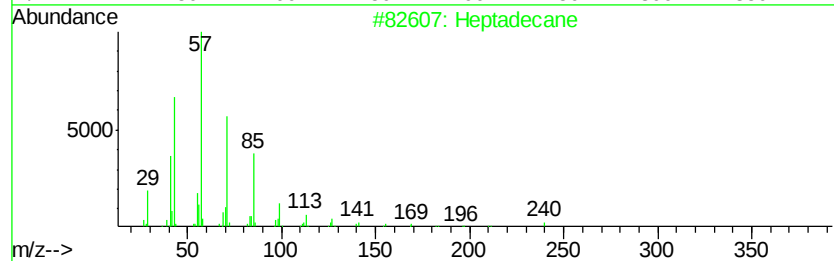
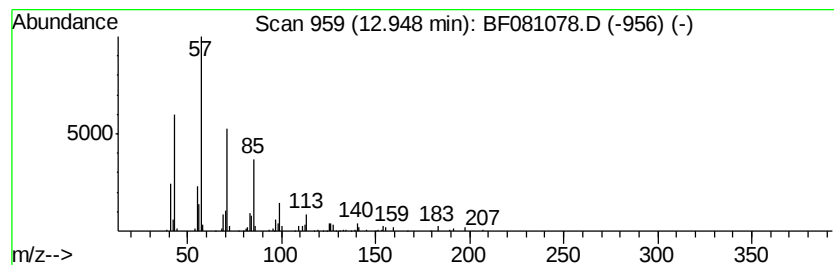
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	4.02 ng	92373	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Eicosane	282	C20H42	000112-95-8	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081078.D
Acq On : 19 Aug 2015 11:09
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Misc :
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Instrument :
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ClientSampleId :
DUP01-081215

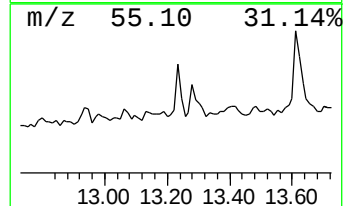
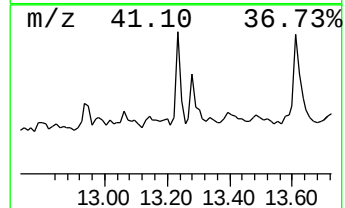
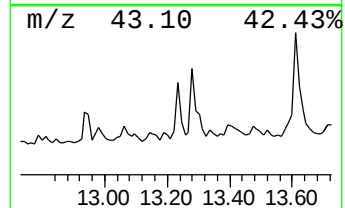
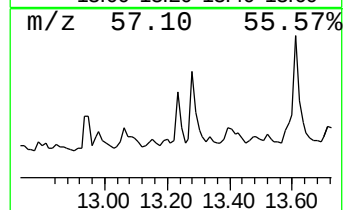
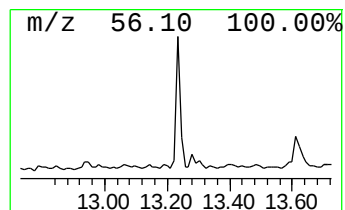
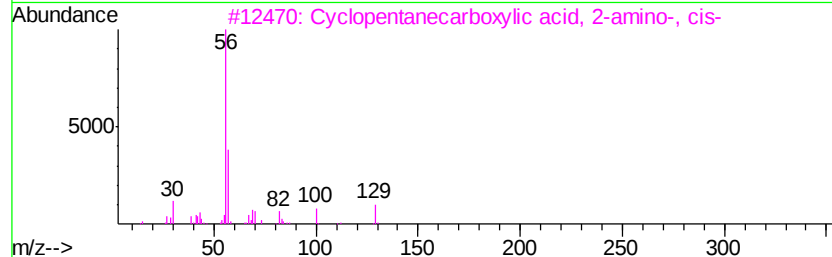
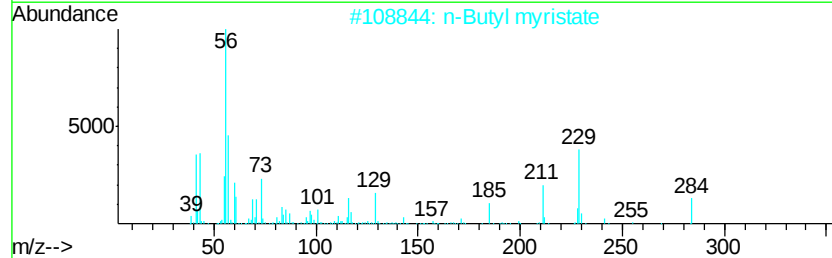
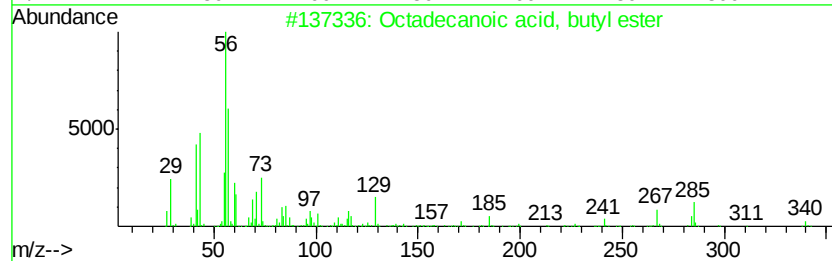
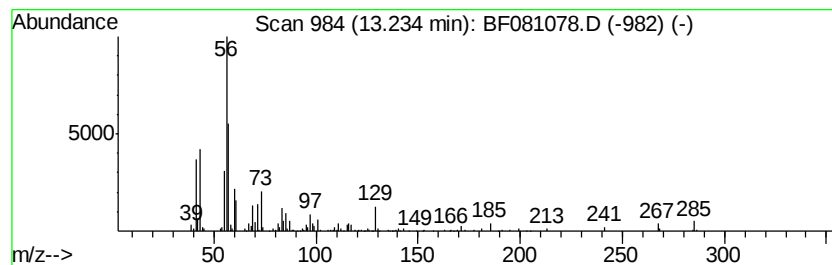
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	9.69 ng	222642	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081078.D
Acq On : 19 Aug 2015 11:09
Operator : UM/IZ
Sample : G3282-12
Misc :
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Instrument :
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ClientSampleId :
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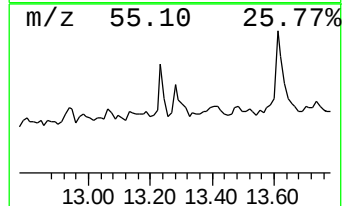
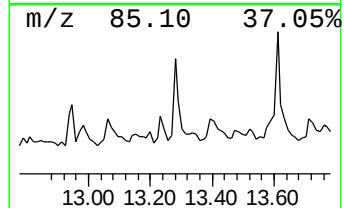
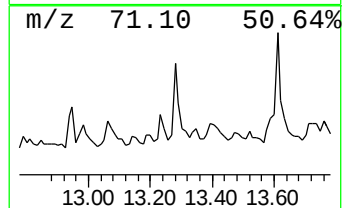
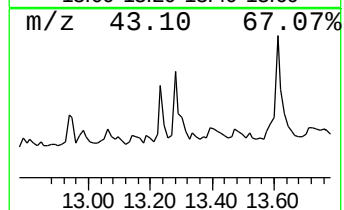
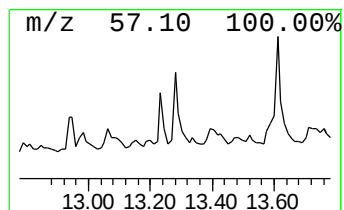
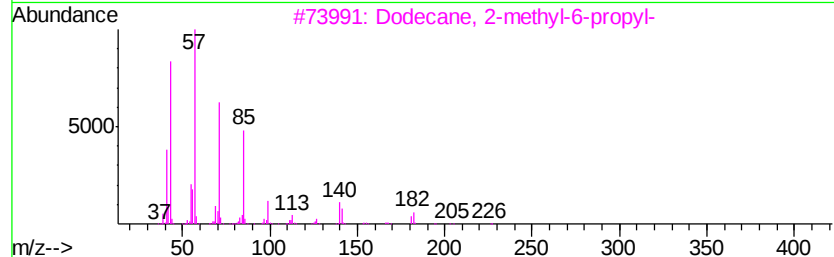
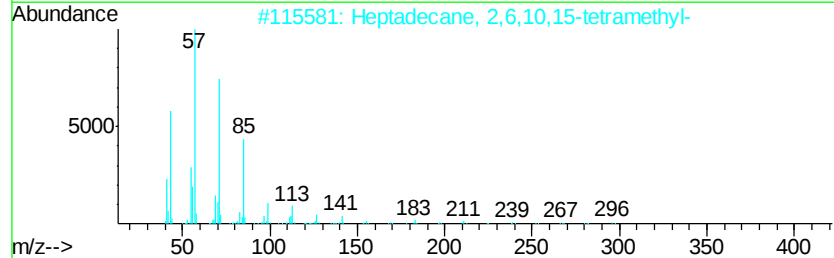
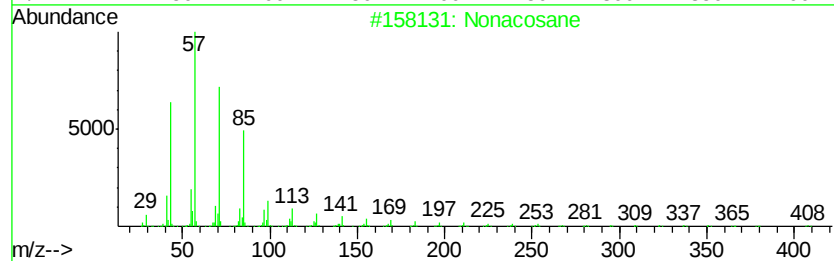
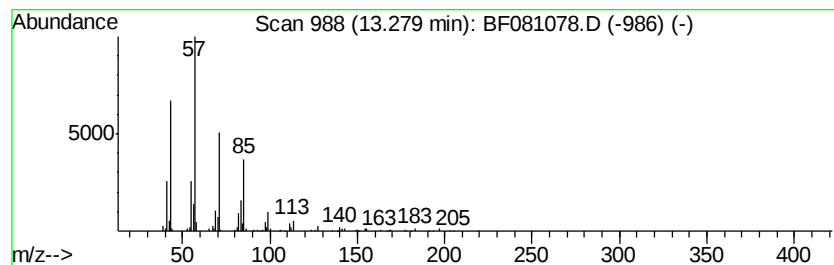
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	8.48 ng	194937	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	83
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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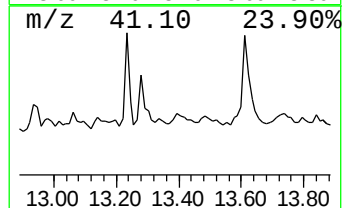
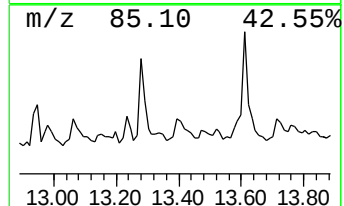
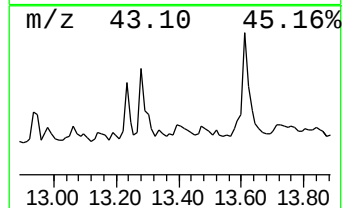
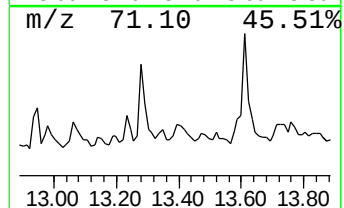
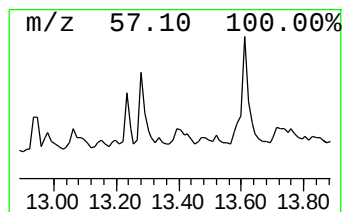
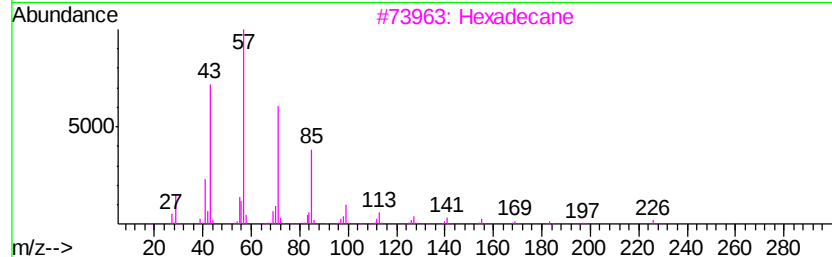
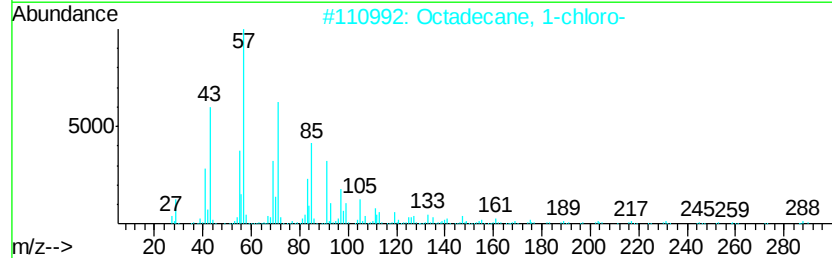
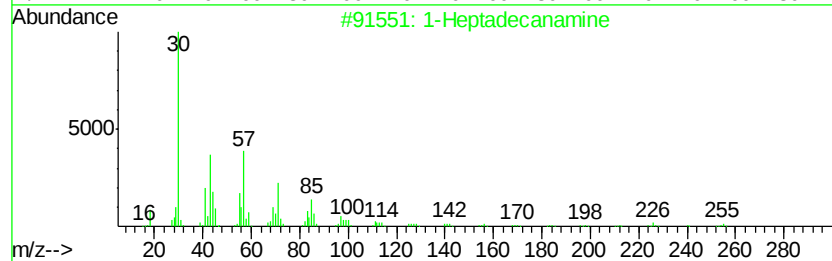
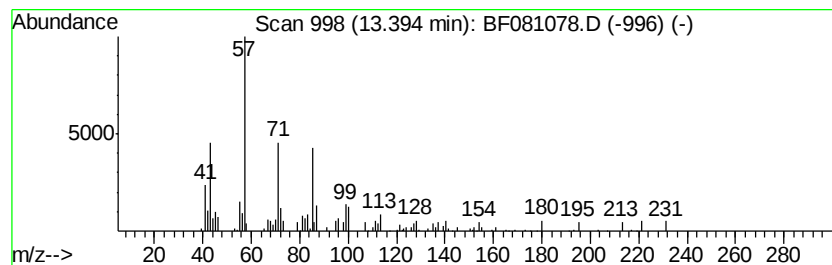
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heptadecanamine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	4.19 ng	96274	Chrysene-d12	13.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanamine	255	C17H37N	004200-95-7	59
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3	Hexadecane	226	C16H34	000544-76-3	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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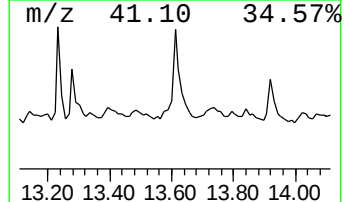
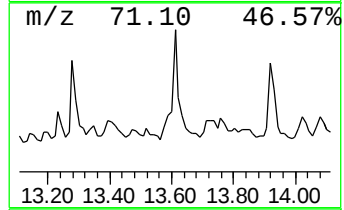
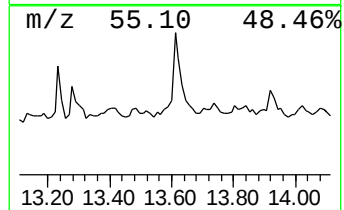
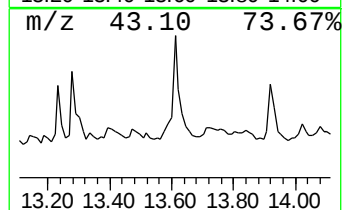
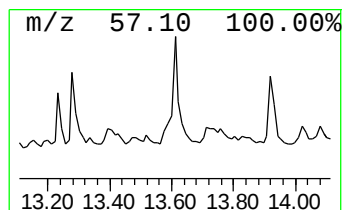
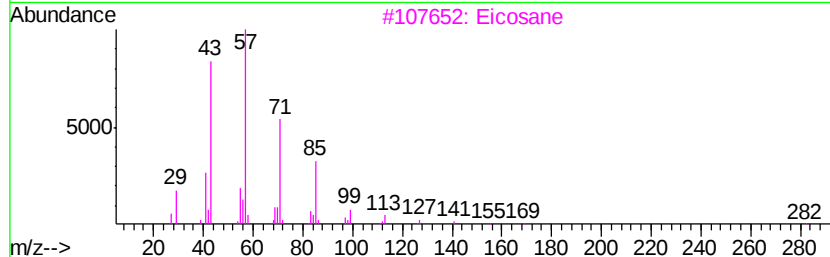
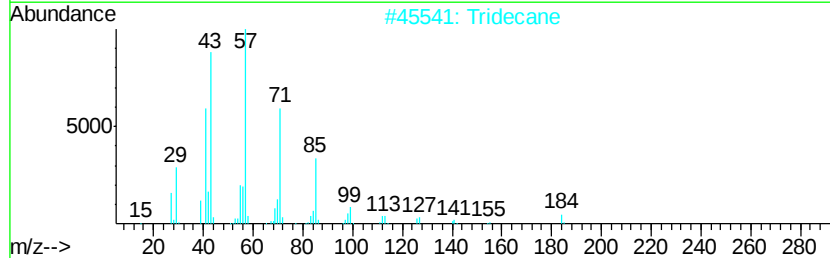
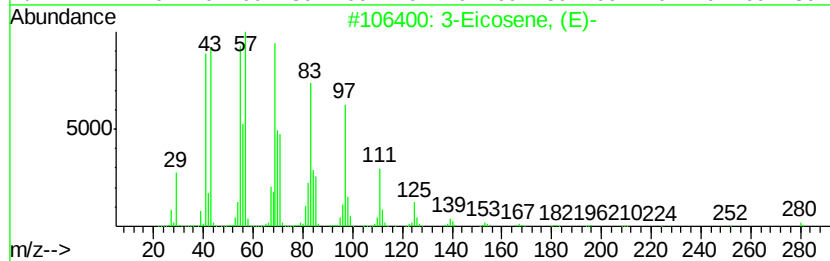
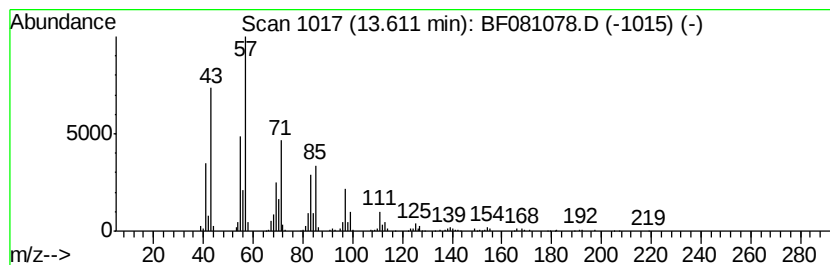
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	16.56 ng	380572	Chrysene-d12	13.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
2	Tridecane	184	C13H28	000629-50-5	52
3	Eicosane	282	C20H42	000112-95-8	52
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5	Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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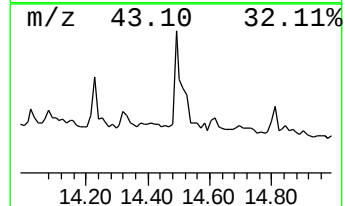
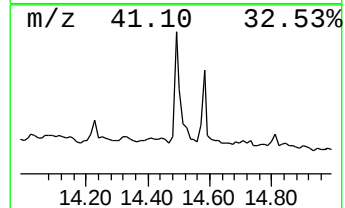
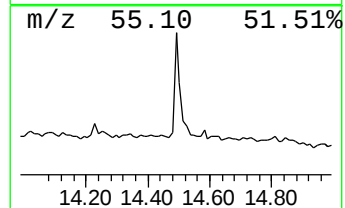
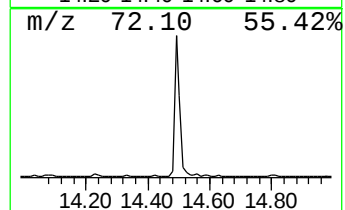
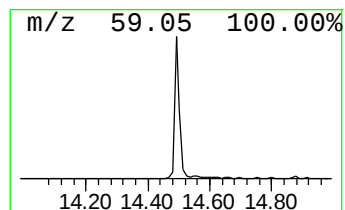
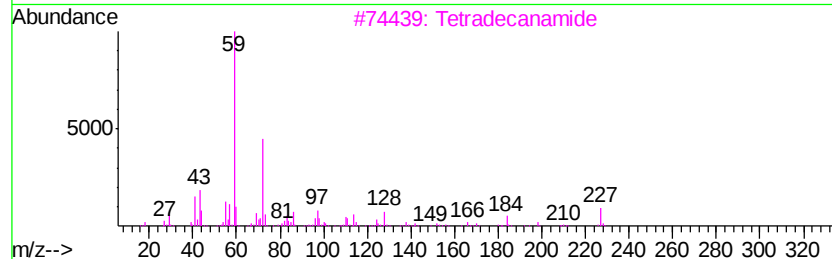
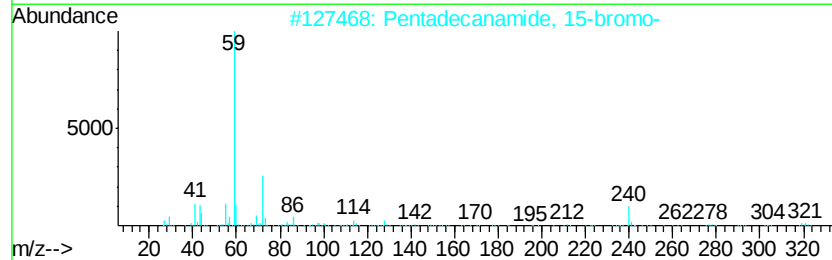
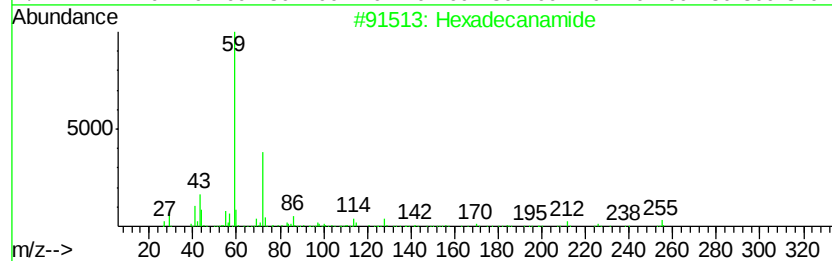
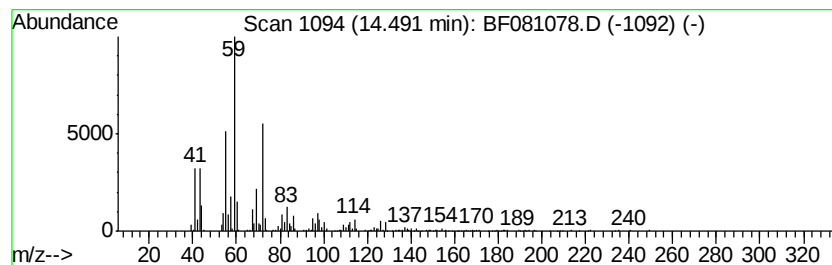
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	39.41 ng	626129	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanamide	255	C16H33NO	000629-54-9	72
2		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
3		Tetradecanamide	227	C14H29NO	000638-58-4	56
4		Octanamide	143	C8H17NO	000629-01-6	50
5		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50



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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP01-081215

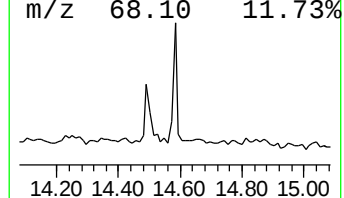
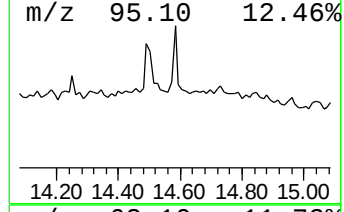
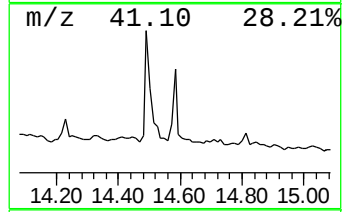
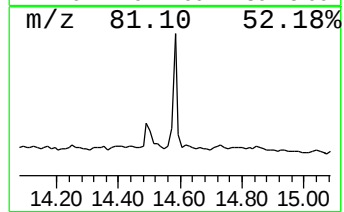
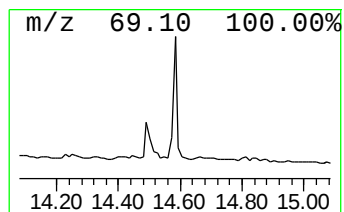
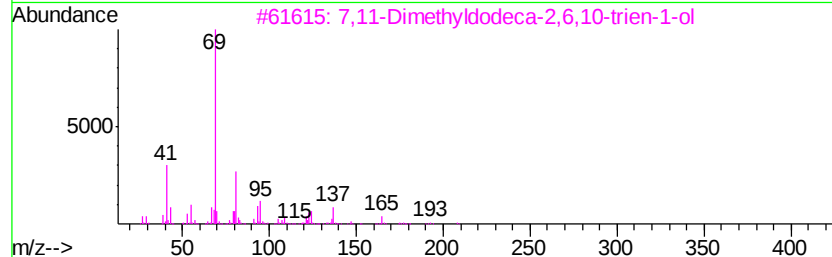
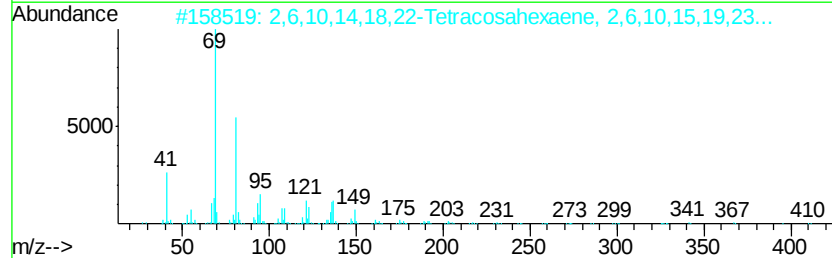
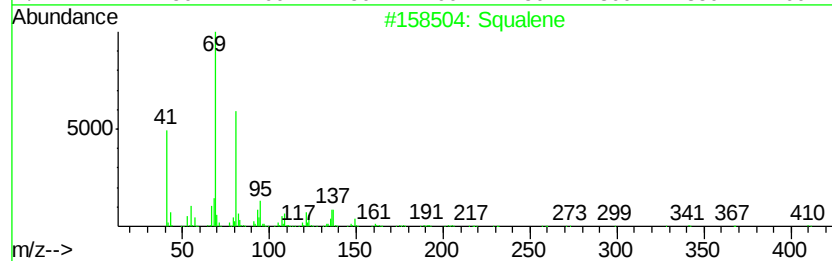
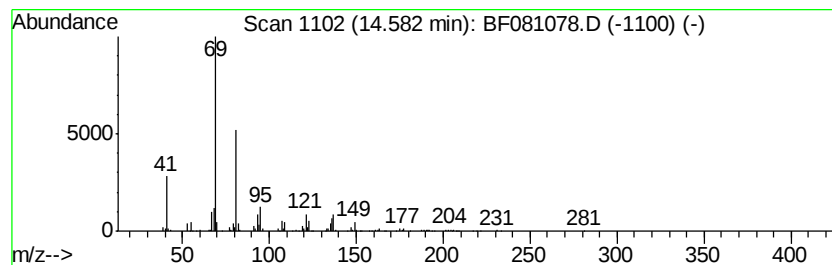
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	9.77 ng	155241	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081078.D
Acq On : 19 Aug 2015 11:09
Operator : UM/IZ
Sample : G3282-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP01-081215

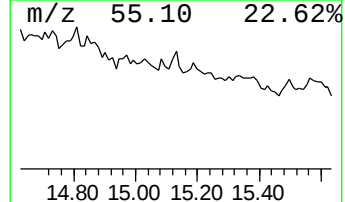
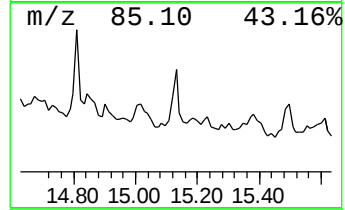
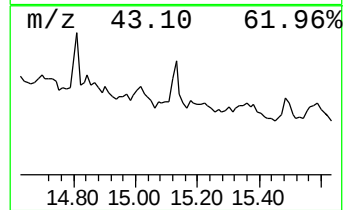
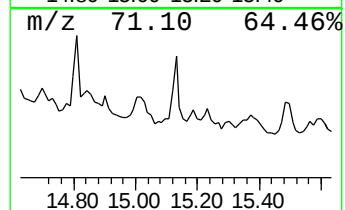
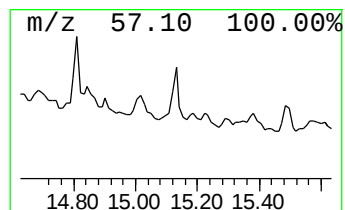
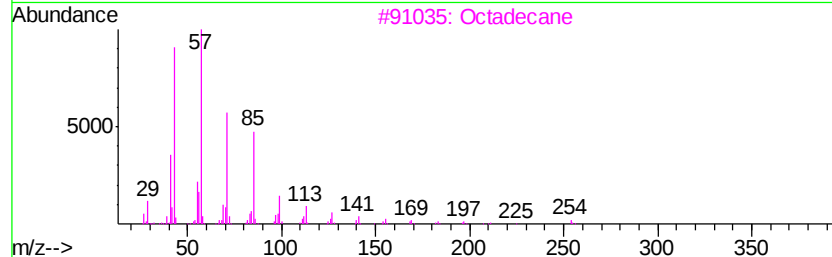
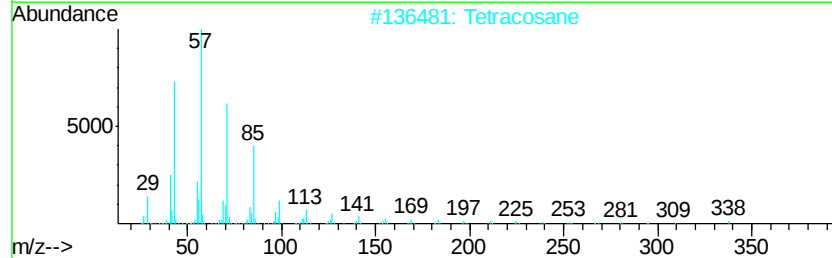
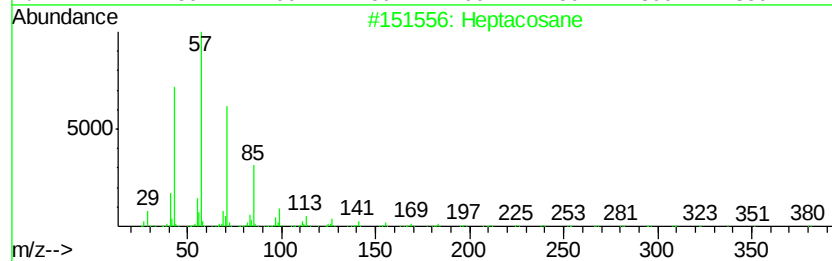
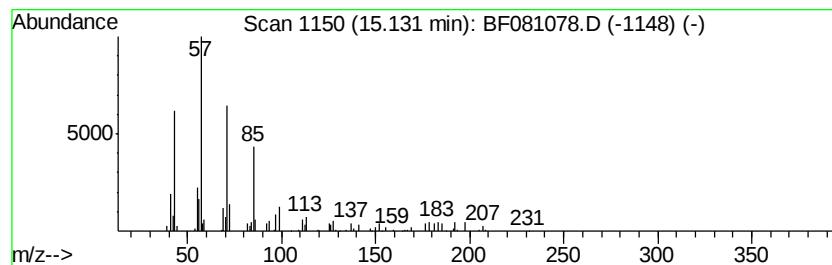
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.50 ng	71445	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	72
2			Tetracosane	338	C24H50	000646-31-1	72
3			Octadecane	254	C18H38	000593-45-3	72
4			Octacosane	394	C28H58	000630-02-4	72
5			Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
 Data File : BF081078.D
 Acq On : 19 Aug 2015 11:09
 Operator : UM/IZ
 Sample : G3282-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-081215

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...	4.73	66.8	ng	1239530	1	6.60	371088	20.0
Eicosane	10.56	7.3	ng	208533	4	11.11	567053	20.0
Hexadecane	11.83	4.3	ng	121122	4	11.11	567053	20.0
Hexadecanoic acid...	12.54	12.2	ng	279545	5	13.73	459757	20.0
Phenol, 4,4'-(1-m...	12.58	8.1	ng	185485	5	13.73	459757	20.0
Heptadecane	12.95	4.0	ng	92373	5	13.73	459757	20.0
Octadecanoic acid...	13.23	9.7	ng	222642	5	13.73	459757	20.0
Nonacosane	13.28	8.5	ng	194937	5	13.73	459757	20.0
1-Heptadecanamine	13.39	4.2	ng	96274	5	13.73	459757	20.0
3-Eicosene, (E)-	13.61	16.6	ng	380572	5	13.73	459757	20.0
Hexadecanamide	14.49	39.4	ng	626129	6	15.07	317752	20.0
Squalene	14.58	9.8	ng	155241	6	15.07	317752	20.0
Heptacosane	15.13	4.5	ng	71445	6	15.07	317752	20.0