

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081463.D
 Acq On : 5 Sep 2015 14:17
 Operator : UM/IZ
 Sample : G3497-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

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-BF090115.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	3.530	168	170	172	rBV	11459	23529	1.03%	0.115%
2	4.342	239	241	243	rBV	31111	45526	1.99%	0.222%
3	4.410	243	247	258	rVB	735370	1437965	62.82%	7.013%
4	4.822	280	283	288	rVB	23830	32581	1.42%	0.159%
5	4.913	288	291	293	rBV	1664352	2102998	91.87%	10.257%
6	5.336	326	328	331	rVB	25535	25227	1.10%	0.123%
7	6.033	386	389	391	rBV	1954118	2289015	100.00%	11.164%
8	6.125	395	397	399	rBV	2006069	1874186	81.88%	9.141%
9	6.353	415	417	420	rVB	377805	336827	14.71%	1.643%
10	6.513	429	431	433	rBV	1792571	1560788	68.19%	7.612%
11	6.936	465	468	470	rBV	1319769	1323394	57.81%	6.455%
12	7.085	478	481	484	rBV	19586	26679	1.17%	0.130%
13	7.645	528	530	534	rBV	522587	496770	21.70%	2.423%
14	8.353	591	592	595	rVB	40438	51456	2.25%	0.251%
15	8.456	599	601	603	rBV	50773	44369	1.94%	0.216%
16	8.731	622	625	627	rVB	2307027	2147972	93.84%	10.476%
17	8.833	632	634	636	rBV	26351	29172	1.27%	0.142%
18	8.982	645	647	649	rVB	22345	26752	1.17%	0.130%
19	9.051	652	653	654	rVV	41273	38107	1.66%	0.186%
20	9.085	654	656	658	rVV2	19520	28628	1.25%	0.140%
21	9.131	658	660	662	rVV	316156	278599	12.17%	1.359%
22	9.165	662	663	668	rVB	20863	28666	1.25%	0.140%
23	9.382	680	682	684	rVB	486361	442344	19.32%	2.157%
24	9.588	698	700	702	rBV2	20178	26559	1.16%	0.130%
25	9.851	722	723	724	rBV	39831	29012	1.27%	0.142%
26	10.091	738	744	746	rBV2	17621	44218	1.93%	0.216%
27	10.171	748	751	753	rBV	1312946	1298086	56.71%	6.331%
28	10.319	760	764	770	rBV	58801	98680	4.31%	0.481%
29	10.502	775	780	783	rBV3	13855	35101	1.53%	0.171%
30	10.765	801	803	804	rVB	45906	34774	1.52%	0.170%
31	10.845	808	810	814	rBV	378819	514605	22.48%	2.510%
32	11.039	822	827	829	rBV3	20823	50092	2.19%	0.244%
33	11.119	833	834	838	rVV2	30780	57310	2.50%	0.280%
34	11.188	838	840	842	rVB	56188	60930	2.66%	0.297%

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35	11.348	852	854	855 rBV	65787	55276	2.41%	0.270%
36	11.371	855	856	859 rVB	61938	80248	3.51%	0.391%
37	11.428	859	861	862 rBV	150866	145225	6.34%	0.708%
38	11.588	873	875	878 rVB	33660	36465	1.59%	0.178%
39	11.645	878	880	885 rBV4	32501	47442	2.07%	0.231%
40	11.897	900	902	904 rBV	32879	34536	1.51%	0.168%
41	11.977	908	909	912 rVB	39861	34516	1.51%	0.168%
42	12.102	919	920	925 rVB3	37227	42901	1.87%	0.209%
43	12.297	935	937	939 rVB	115235	126676	5.53%	0.618%
44	12.342	939	941	942 rVV	28962	24946	1.09%	0.122%
45	12.434	946	949	952 rVV	1585663	1761136	76.94%	8.590%
46	12.502	952	955	958 rVB2	14492	25510	1.11%	0.124%
47	12.594	958	963	965 rVB2	12029	32416	1.42%	0.158%
48	12.697	971	972	974 rVB	26155	24159	1.06%	0.118%
49	12.994	995	998	1000 rBV	99732	110287	4.82%	0.538%
50	13.040	1000	1002	1003 rVB2	23668	31720	1.39%	0.155%
51	13.360	1027	1030	1036 rBV	88306	179263	7.83%	0.874%
52	13.451	1036	1038	1042 rVB	338442	395698	17.29%	1.930%
53	13.680	1055	1058	1063 rVB	27597	29892	1.31%	0.146%
54	13.840	1070	1072	1074 rBV	17046	23897	1.04%	0.117%
55	13.977	1082	1084	1089 rBV	26225	38082	1.66%	0.186%
56	14.274	1106	1110	1112 rVB2	21973	28810	1.26%	0.141%
57	14.765	1151	1153	1155 rBV	229308	253113	11.06%	1.235%

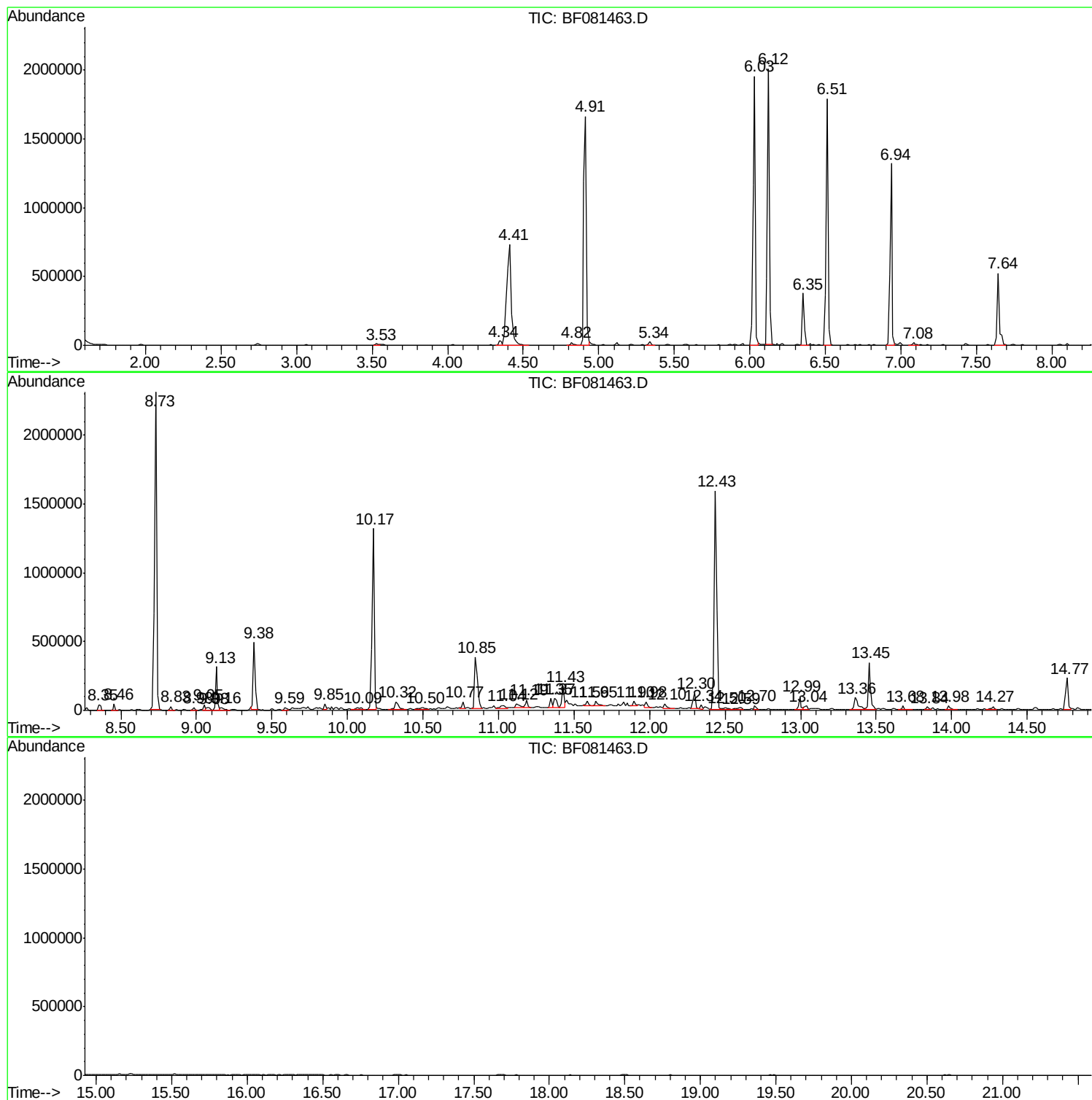
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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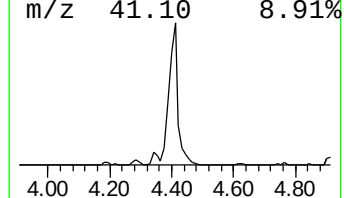
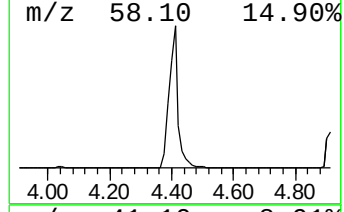
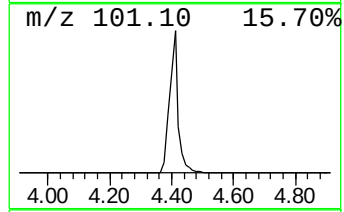
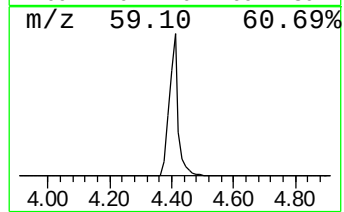
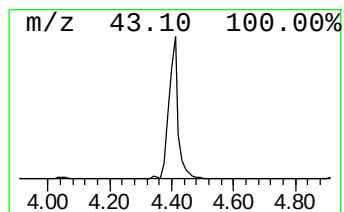
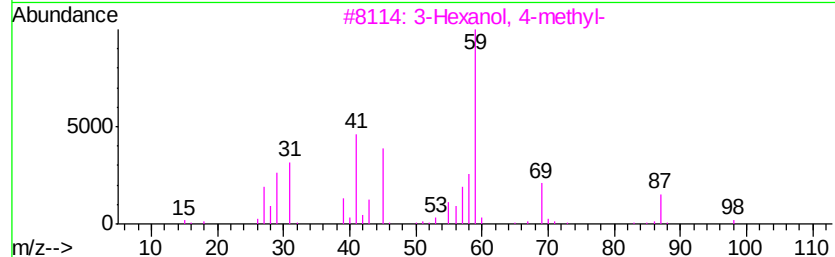
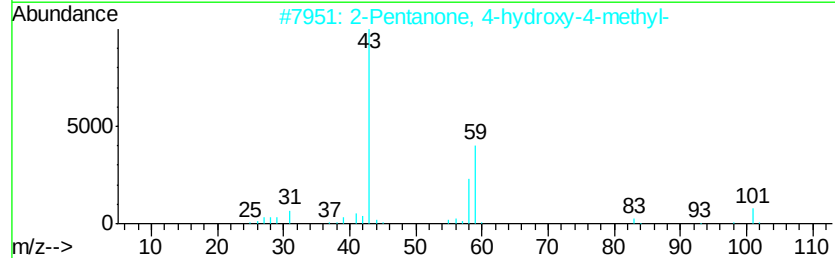
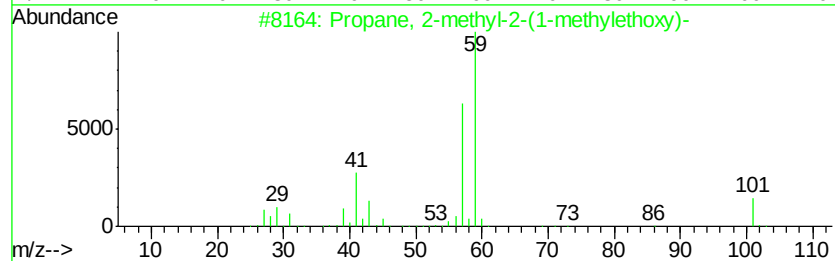
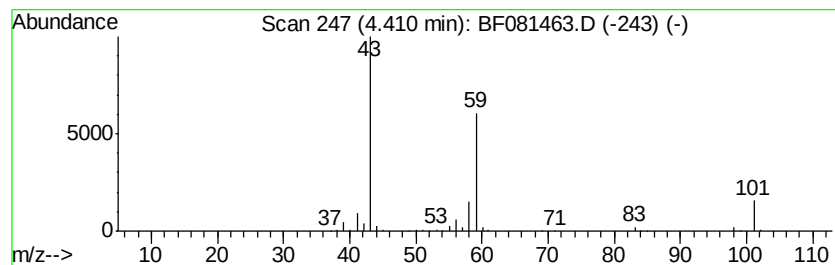
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	85.38 ng	1437970	1,4-Dichlorobenzene-d4	6.35

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	23	



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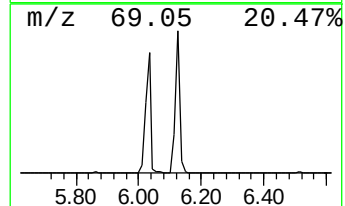
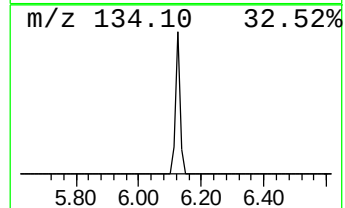
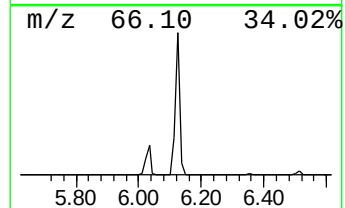
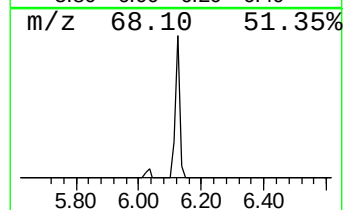
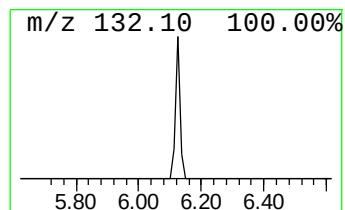
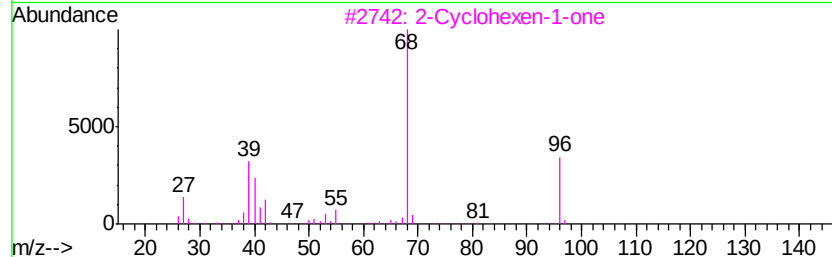
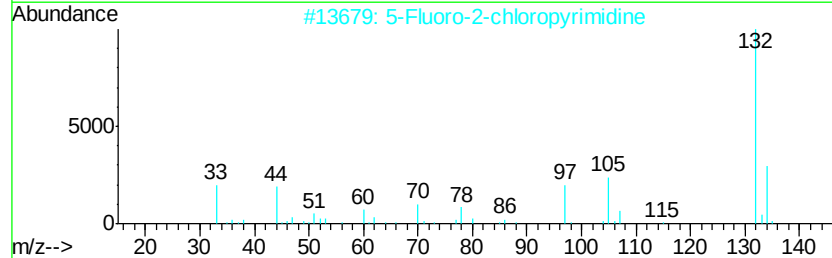
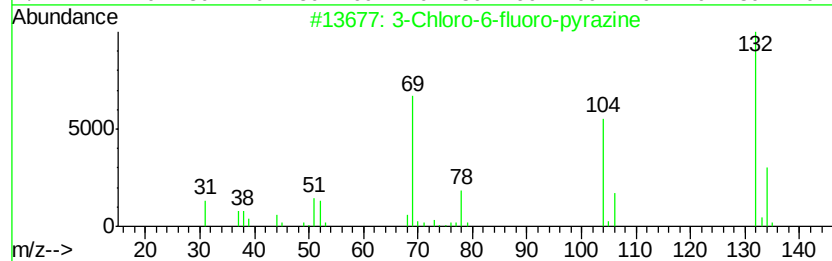
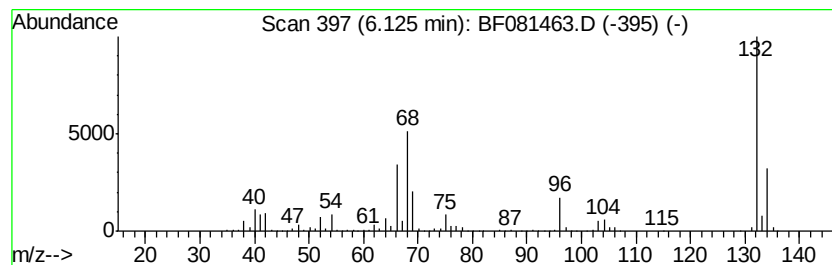
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Peak Number 3 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	111.29 ng	1874190	1,4-Dichlorobenzene-d4	6.35

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



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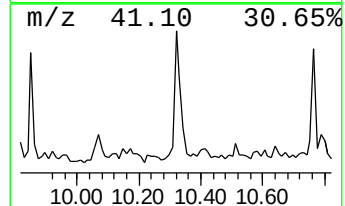
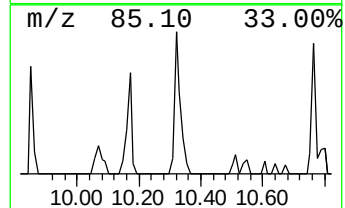
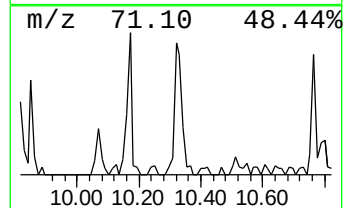
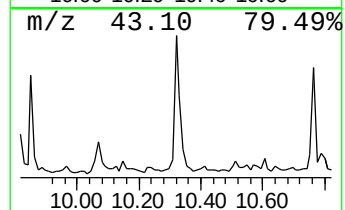
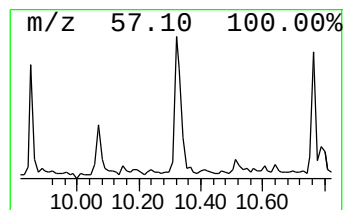
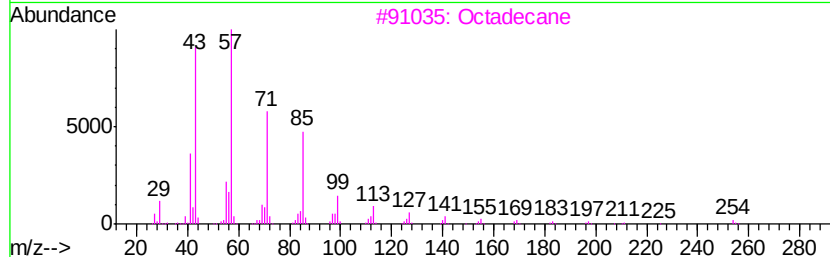
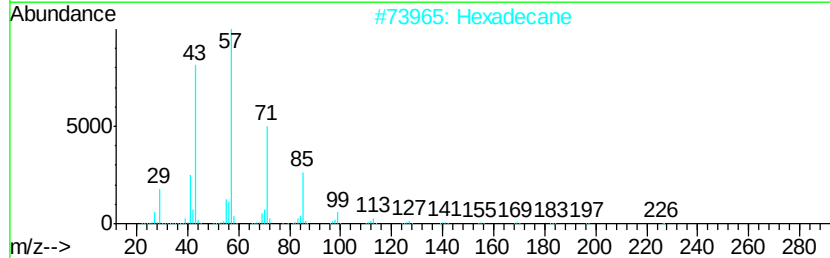
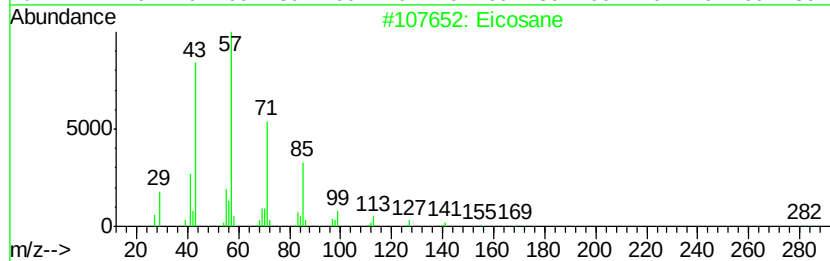
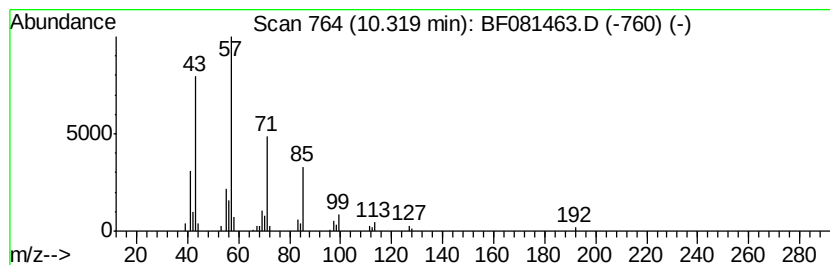
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	3.84 ng	98680	Phenanthrene-d10		10.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Octacosane	394	C28H58	000630-02-4	86



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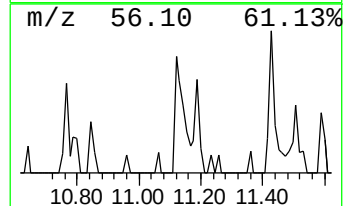
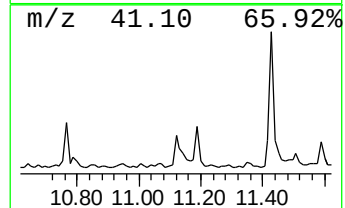
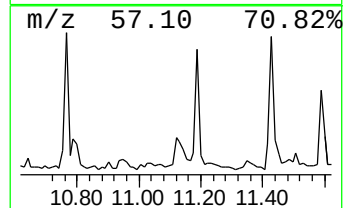
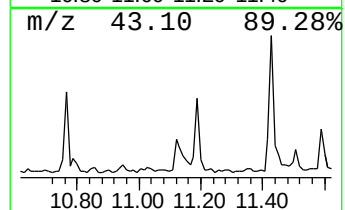
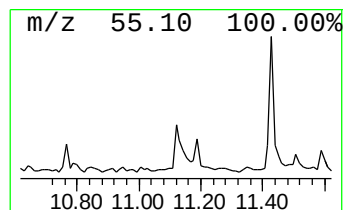
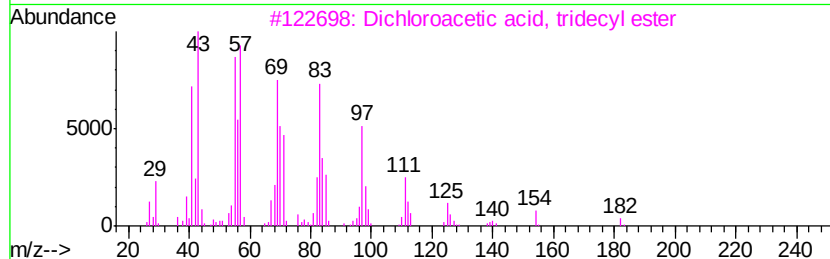
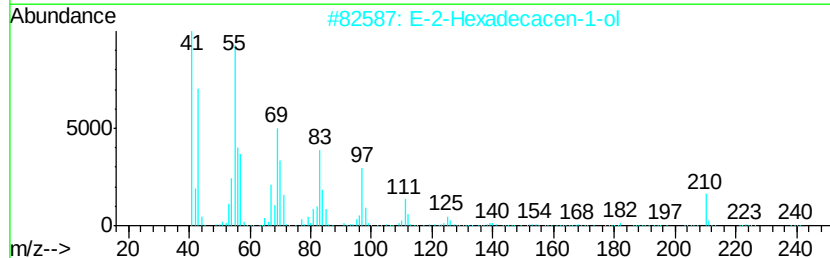
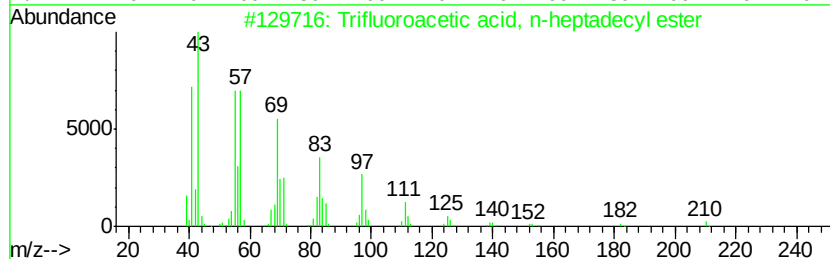
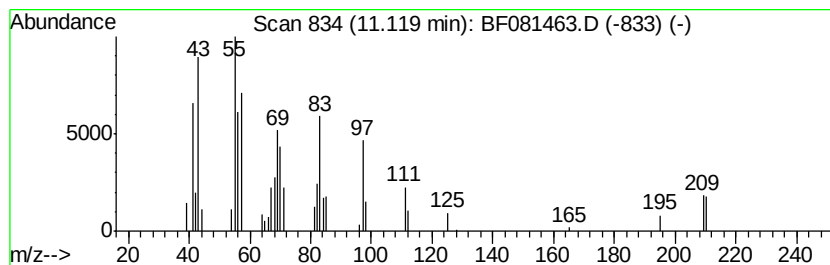
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trifluoroacetic acid, n-hep... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.23 ng	57310	Phenanthrene-d10	10.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	86
2		E-2-Hexadecacen-1-ol	240	C16H32O	1000131-10-1	86
3		Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	72
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5		1-Heptadecanol	256	C17H36O	001454-85-9	64



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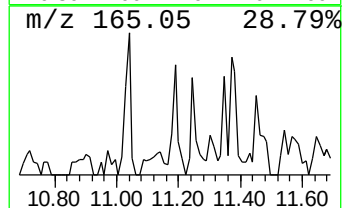
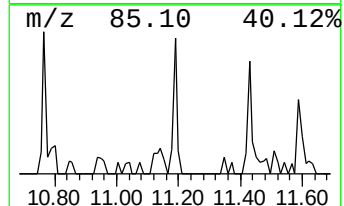
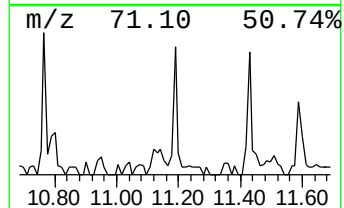
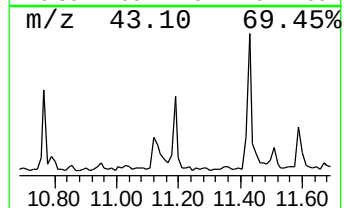
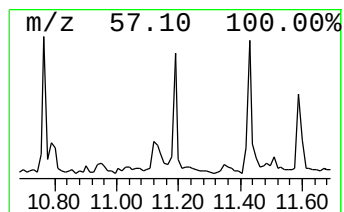
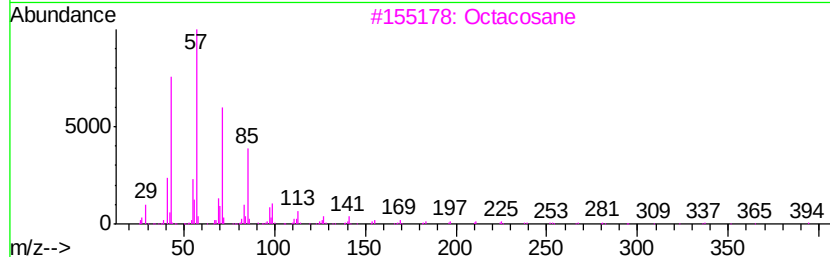
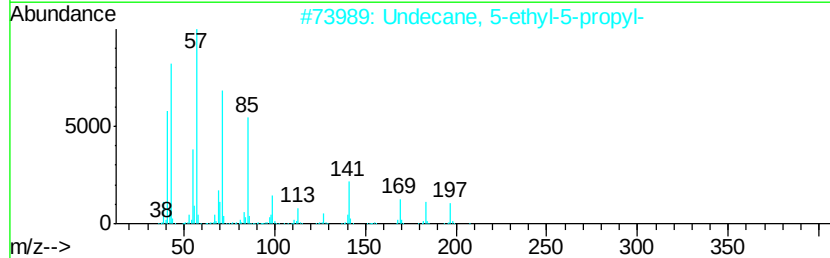
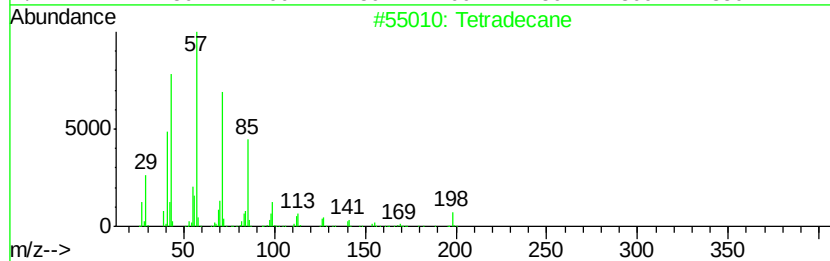
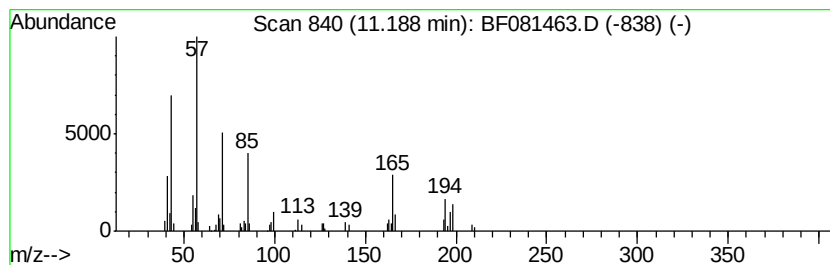
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.37 ng	60930	Phenanthrene-d10	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 86
2		Undecane, 5-ethyl-5-propyl-	226 C16H34	002755-07-9 50
3		Octacosane	394 C28H58	000630-02-4 50
4		Tridecane, 7-propyl-	226 C16H34	055045-09-5 49
5		Decane, 1-iodo-	268 C10H21I	002050-77-3 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081463.D
Acq On : 5 Sep 2015 14:17
Operator : UM/IZ
Sample : G3497-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

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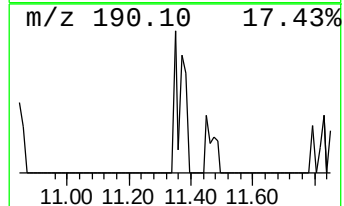
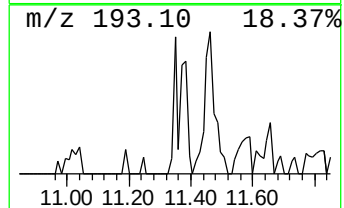
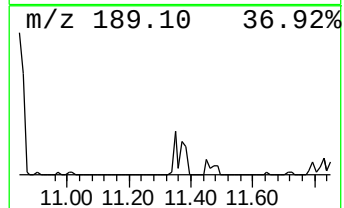
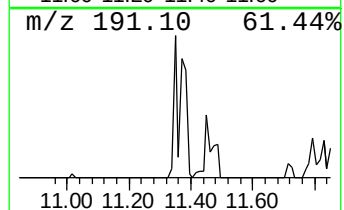
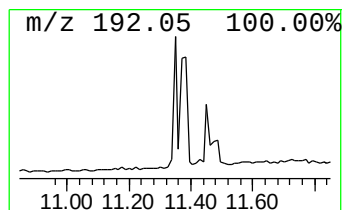
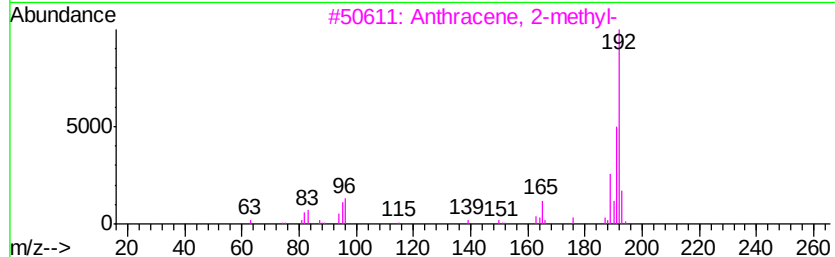
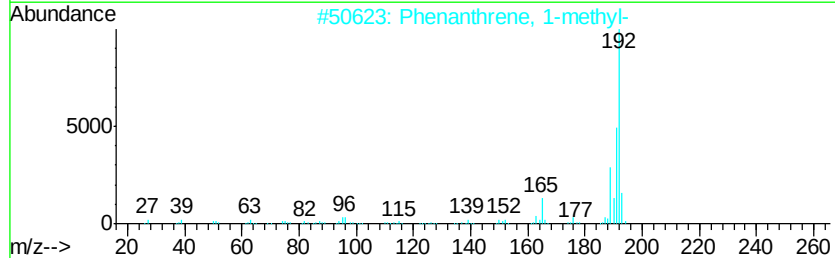
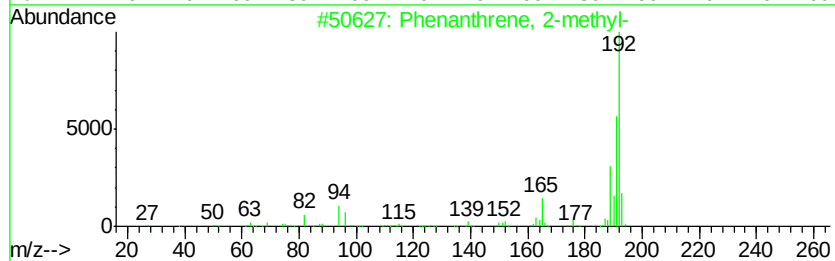
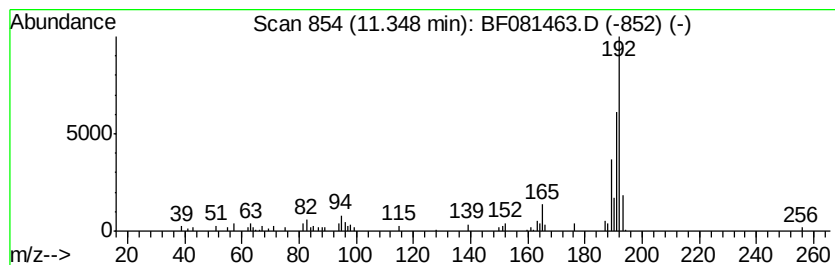
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	2.15 ng	55276	Phenanthrene-d10	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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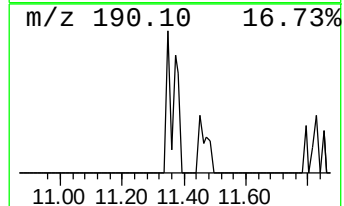
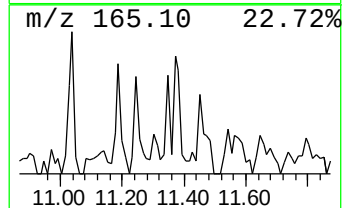
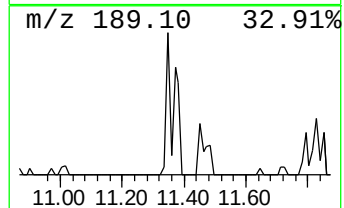
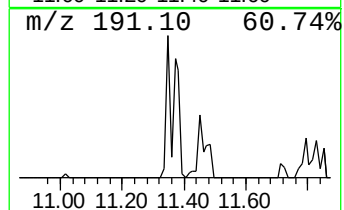
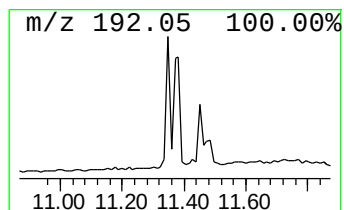
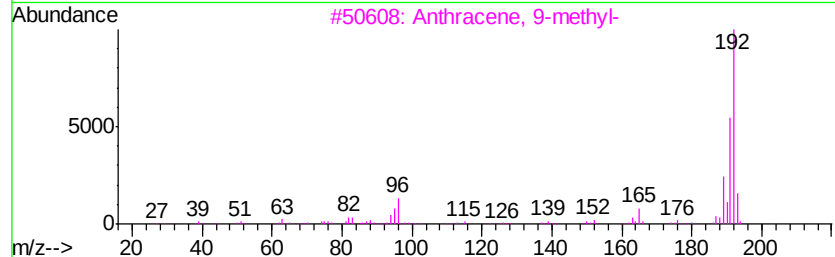
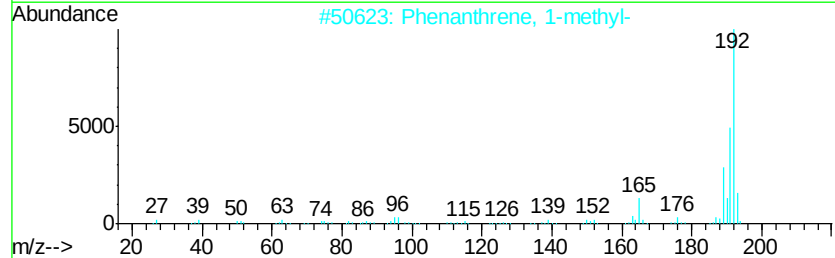
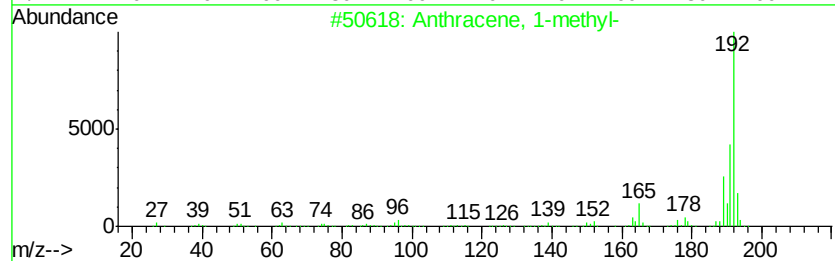
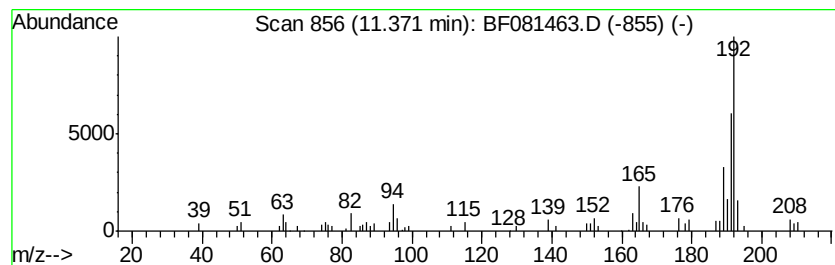
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.12 ng	80248	Phenanthrene-d10	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081463.D
Acq On : 5 Sep 2015 14:17
Operator : UM/IZ
Sample : G3497-03
Misc :
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Instrument :
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ClientSampleId :
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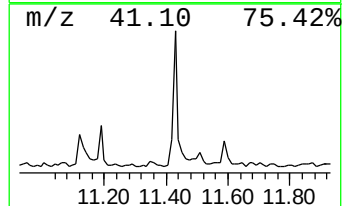
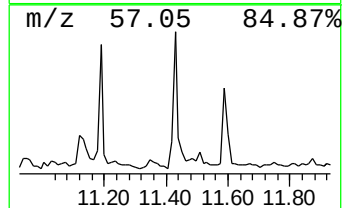
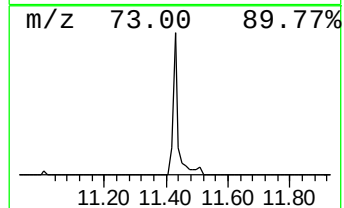
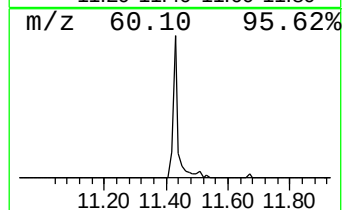
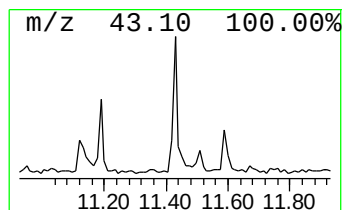
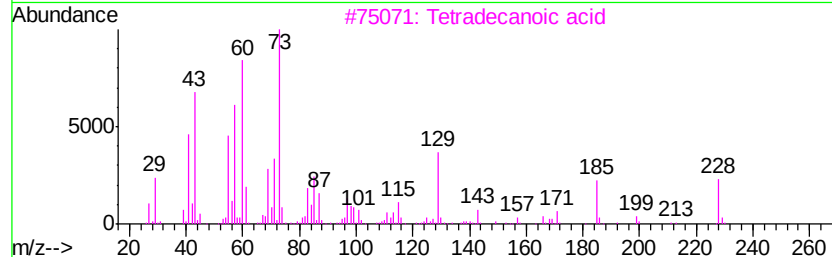
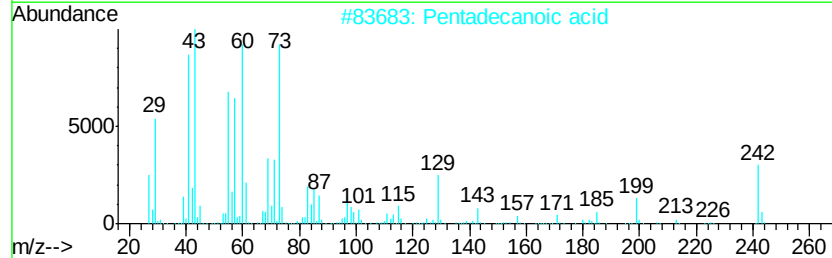
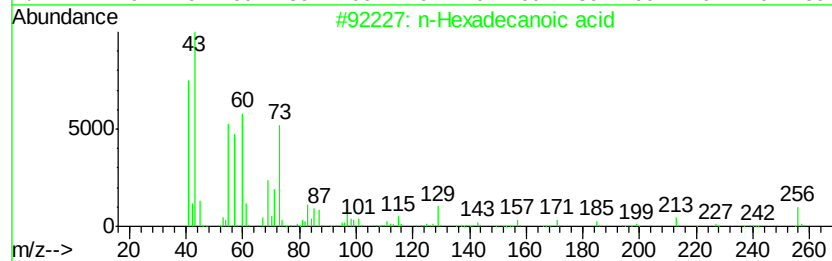
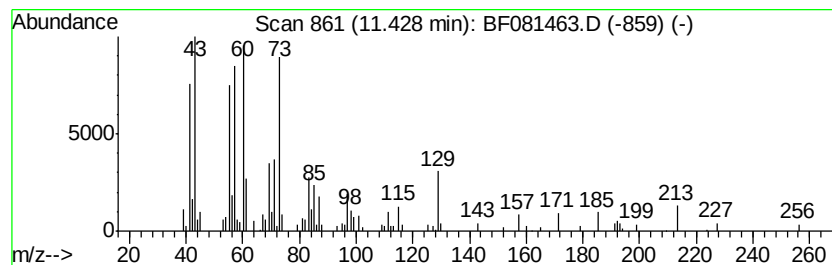
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	5.64 ng	145225	Phenanthrene-d10	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081463.D
Acq On : 5 Sep 2015 14:17
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Sample : G3497-03
Misc :
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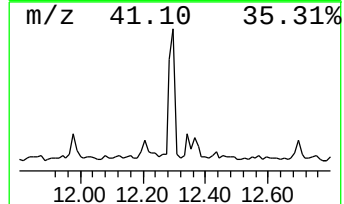
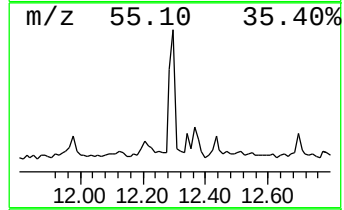
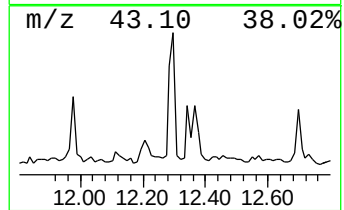
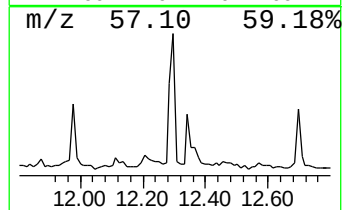
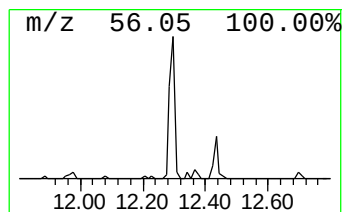
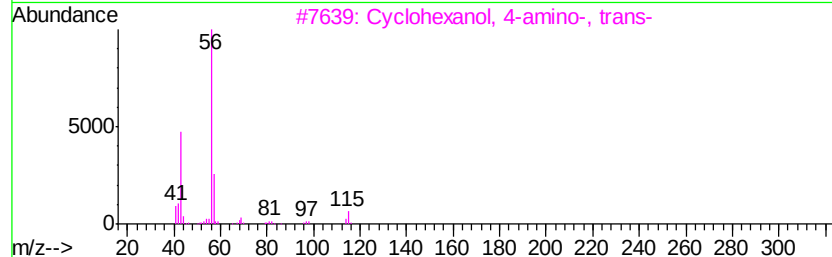
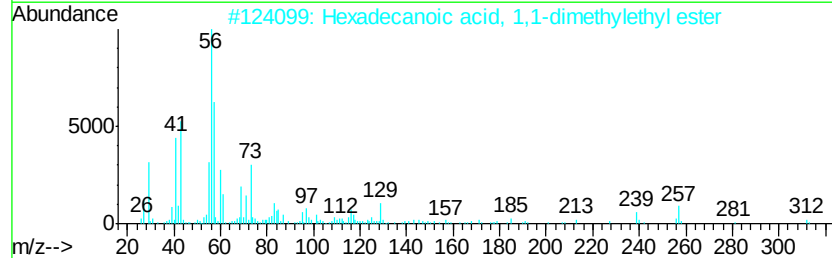
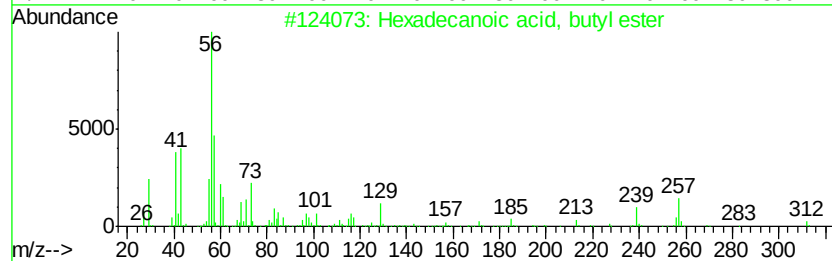
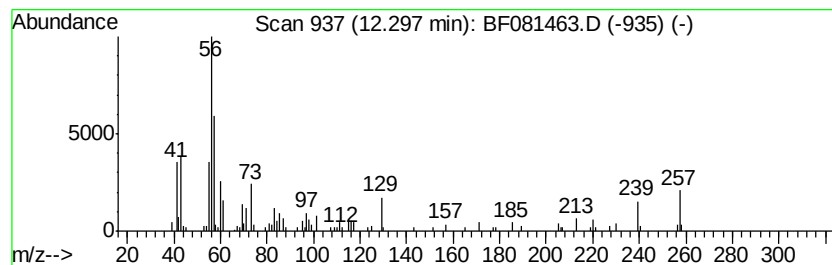
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.40 ng	126676	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	81
3		Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
4		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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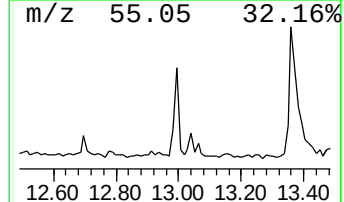
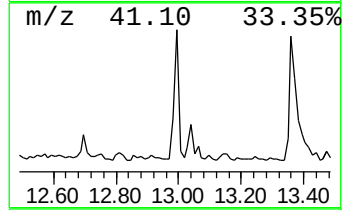
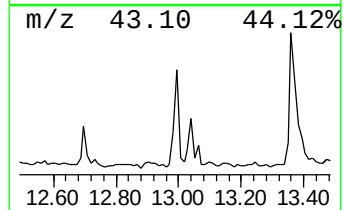
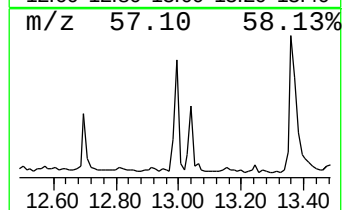
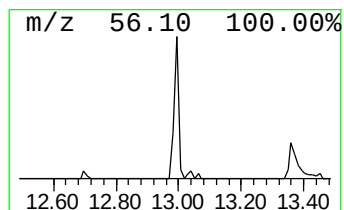
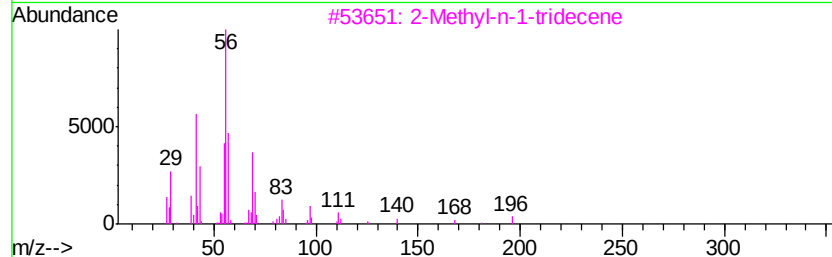
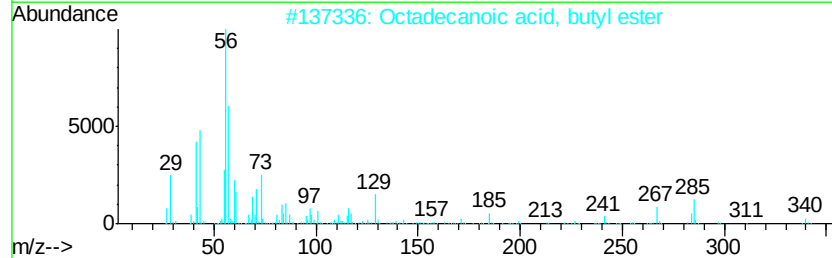
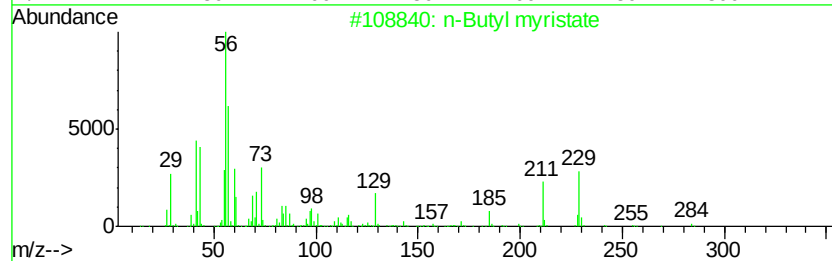
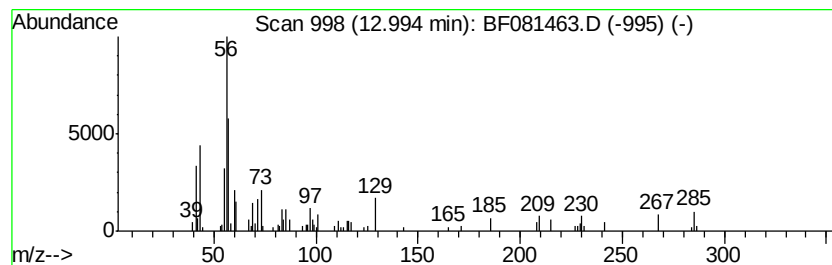
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Butyl myristate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	5.57 ng	110287	Chrysene-d12	13.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	93
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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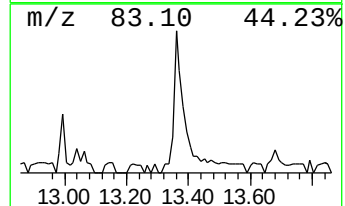
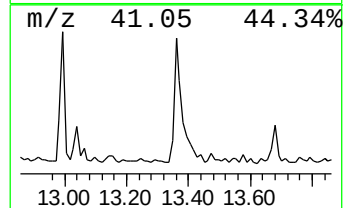
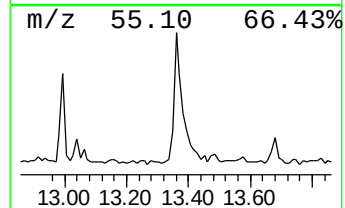
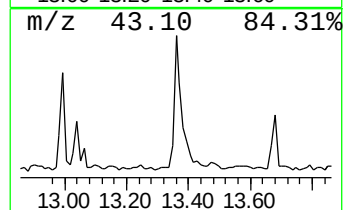
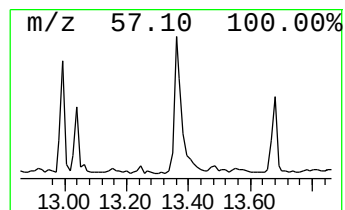
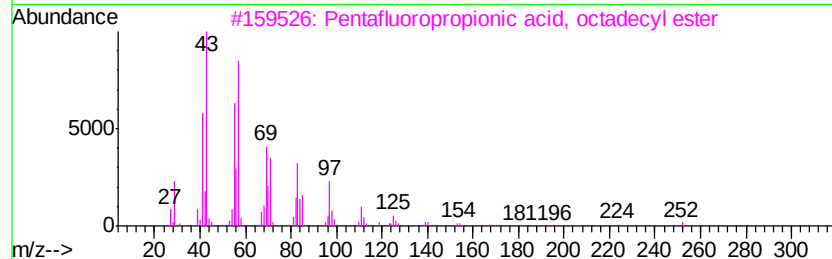
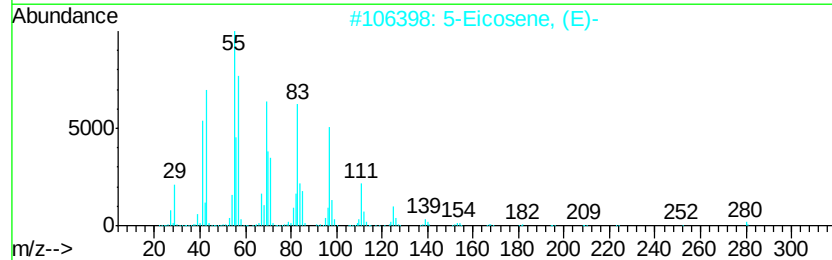
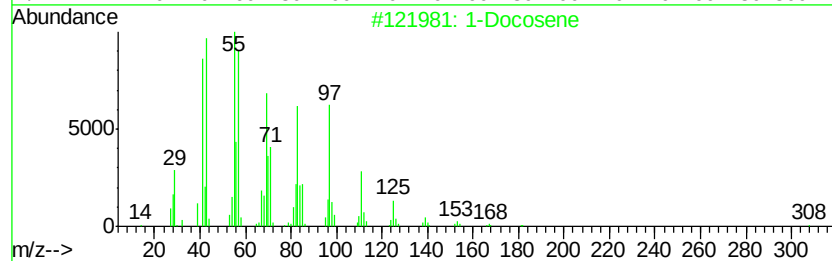
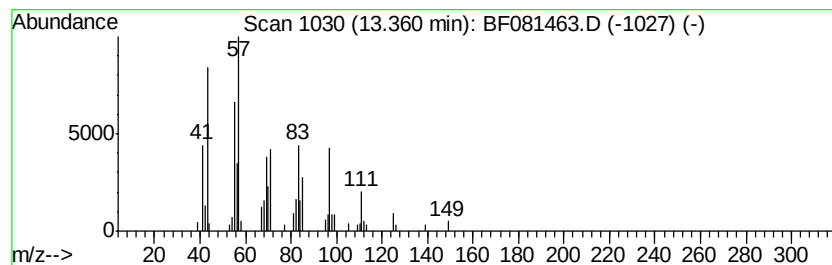
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	9.06 ng	179263	Chrysene-d12	13.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 81
2	5-Eicosene, (E)-		280 C20H40	074685-30-6 74
3	Pentafluoropropionic acid, octadecyl ester		416 C21H37F5O2	1000280-07-7 72
4	Trichloroacetic acid, pentadecyl ester		372 C17H31Cl3O2	074339-53-0 72
5	Pentafluoropropionic acid, hexadecyl ester		388 C19H33F5O2	006222-07-7 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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Acq On : 5 Sep 2015 14:17
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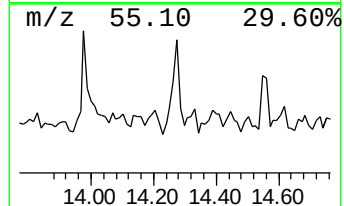
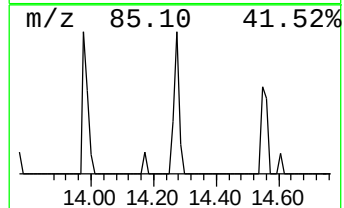
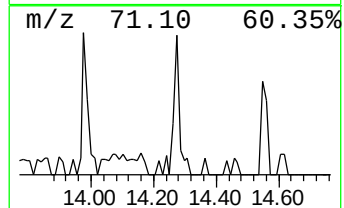
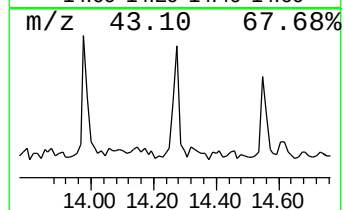
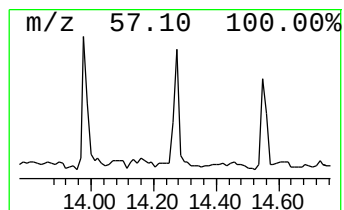
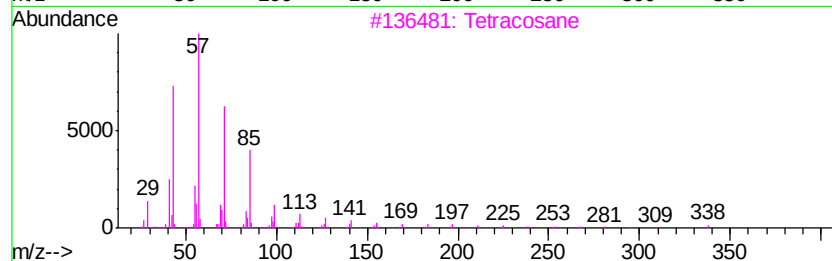
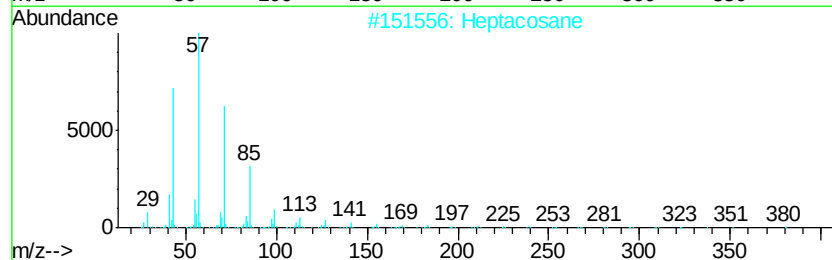
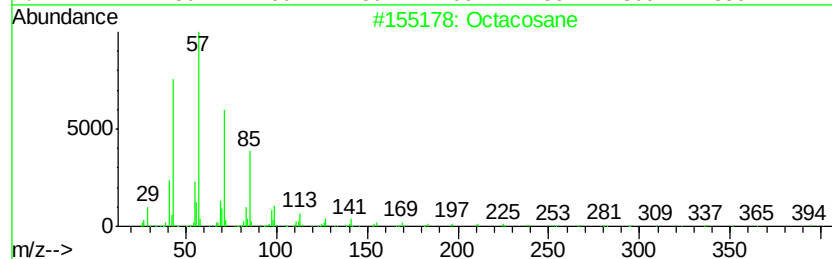
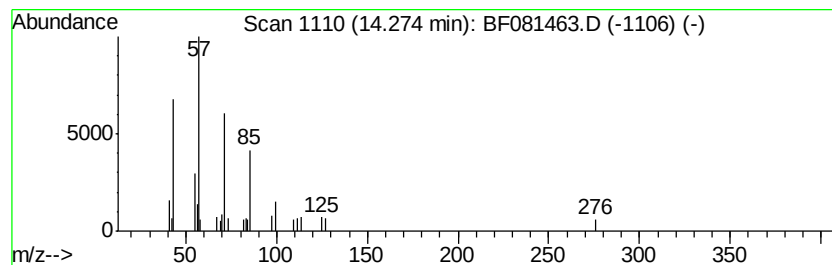
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.28 ng	28810	Perylene-d12	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	80
2		Heptacosane	380	C27H56	000593-49-7	78
3		Tetracosane	338	C24H50	000646-31-1	72
4		Octadecane	254	C18H38	000593-45-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081463.D
Acq On : 5 Sep 2015 14:17
Operator : UM/IZ
Sample : G3497-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.41	85.4	ng	1437970	1	6.35	336827	20.0
unknown6.12	6.12	111.3	ng	1874190	1	6.35	336827	20.0
Eicosane	10.32	3.8	ng	98680	4	10.85	514605	20.0
Trifluoroacetic a...	11.12	2.2	ng	57310	4	10.85	514605	20.0
Tetradecane	11.19	2.4	ng	60930	4	10.85	514605	20.0
Phenanthrene, 2-m...	11.35	2.1	ng	55276	4	10.85	514605	20.0
Anthracene, 1-met...	11.37	3.1	ng	80248	4	10.85	514605	20.0
n-Hexadecanoic acid	11.43	5.6	ng	145225	4	10.85	514605	20.0
Hexadecanoic acid...	12.30	6.4	ng	126676	5	13.45	395698	20.0
n-Butyl myristate	12.99	5.6	ng	110287	5	13.45	395698	20.0
1-Docosene	13.36	9.1	ng	179263	5	13.45	395698	20.0
Octacosane	14.27	2.3	ng	28810	6	14.77	253113	20.0