

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081461.D
 Acq On : 5 Sep 2015 13:15
 Operator : UM/IZ
 Sample : G3511-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(0-0.16)

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	178	rVB	12745	27537	1.23%	0.146%
2	4.410	243	247	258	rVB	681648	1328944	59.16%	7.028%
3	4.913	288	291	293	rBV	1815758	2050726	91.30%	10.844%
4	5.336	326	328	331	rBV	25659	25206	1.12%	0.133%
5	6.033	386	389	391	rBV	1958020	2246169	100.00%	11.878%
6	6.124	395	397	400	rVV	1946388	1817998	80.94%	9.614%
7	6.353	415	417	420	rBV	380821	342964	15.27%	1.814%
8	6.513	428	431	433	rBV	1749327	1519627	67.65%	8.036%
9	6.936	465	468	470	rBV	1294252	1295582	57.68%	6.851%
10	7.644	528	530	532	rBV	509542	429681	19.13%	2.272%
11	8.730	622	625	627	rBV	2377290	2162789	96.29%	11.437%
12	9.016	648	650	652	rBB	72262	84700	3.77%	0.448%
13	9.130	658	660	663	rBV	401408	347740	15.48%	1.839%
14	9.382	680	682	685	rVB	477724	452239	20.13%	2.391%
15	10.170	748	751	753	rBV	1288392	1267596	56.43%	6.703%
16	10.319	762	764	768	rBV	34750	41664	1.85%	0.220%
17	10.765	801	803	804	rBV	30083	25561	1.14%	0.135%
18	10.845	808	810	813	rBV	437686	449536	20.01%	2.377%
19	11.428	859	861	867	rBV	141617	163477	7.28%	0.864%
20	12.296	935	937	939	rVB	42883	50453	2.25%	0.267%
21	12.434	946	949	952	rBV	1617533	1777358	79.13%	9.399%
22	12.822	980	983	985	rBV	20108	25246	1.12%	0.134%
23	12.994	995	998	1000	rBV	37511	36349	1.62%	0.192%
24	13.371	1028	1031	1036	rBV	83819	182509	8.13%	0.965%
25	13.451	1036	1038	1040	rVV	329456	368302	16.40%	1.948%
26	13.485	1040	1041	1044	rVB	53123	54232	2.41%	0.287%
27	13.999	1085	1086	1091	rVB	13440	26515	1.18%	0.140%
28	14.765	1151	1153	1155	rBV	215200	244078	10.87%	1.291%
29	15.154	1185	1187	1189	rVB	24848	29512	1.31%	0.156%
30	15.234	1189	1194	1199	rBV4	11512	36229	1.61%	0.192%

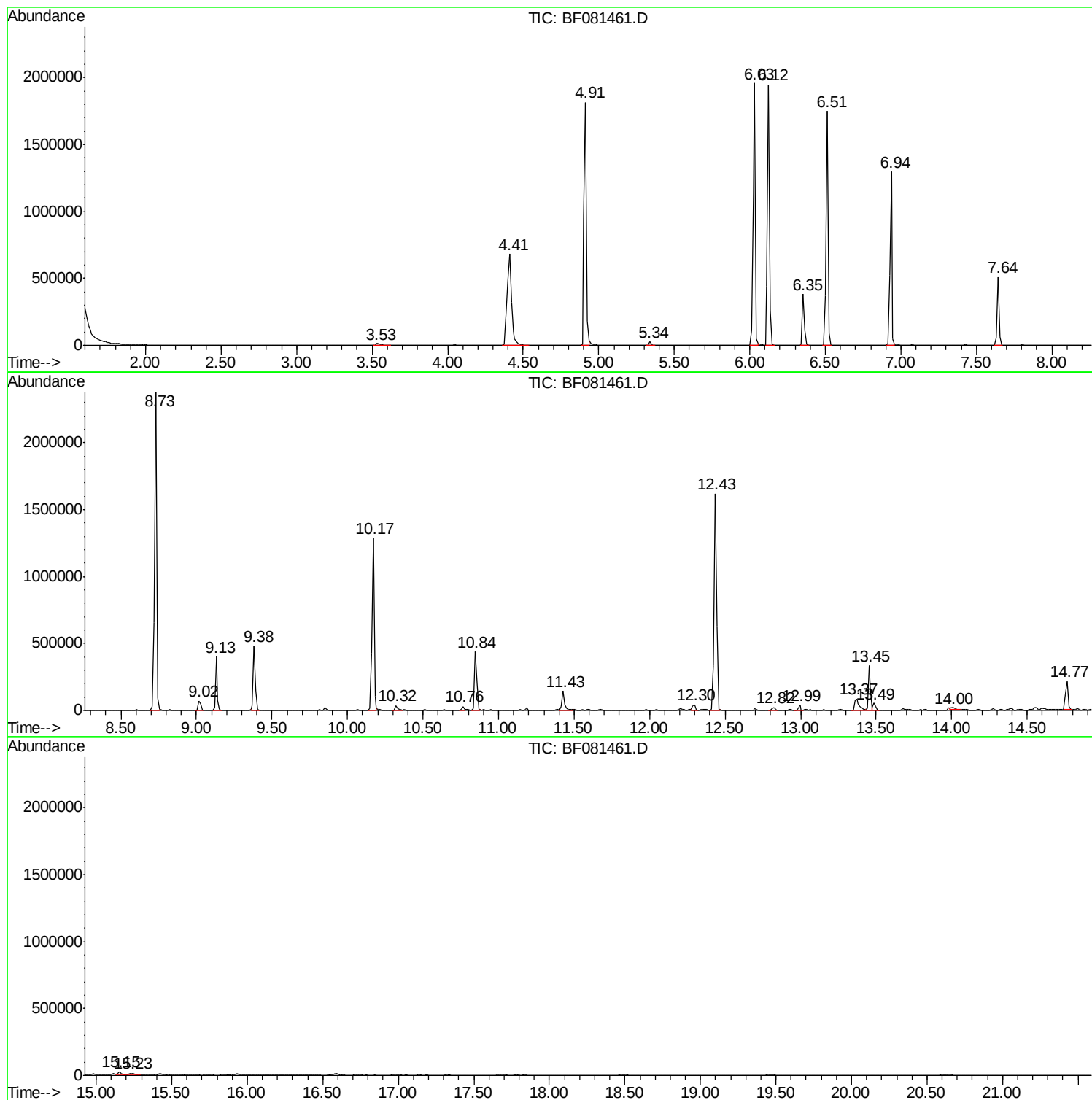
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SB-08(0-0.16)

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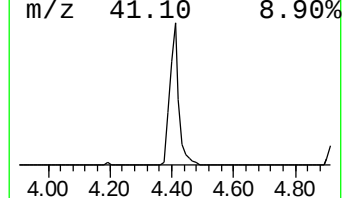
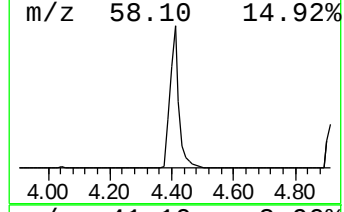
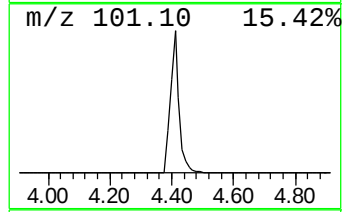
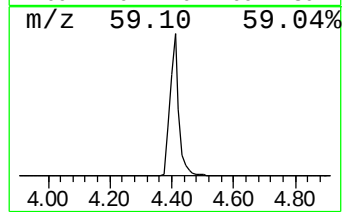
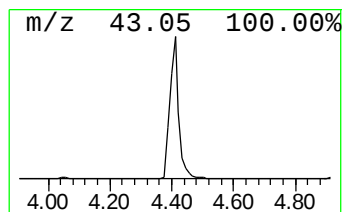
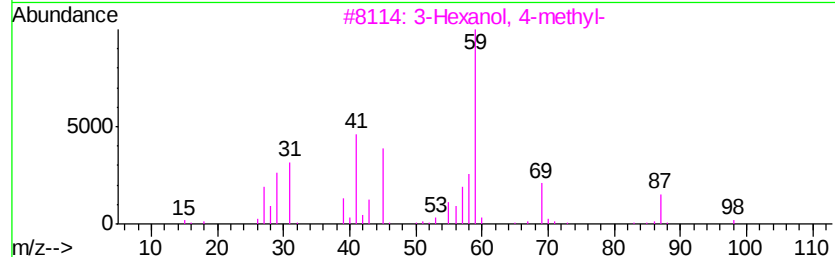
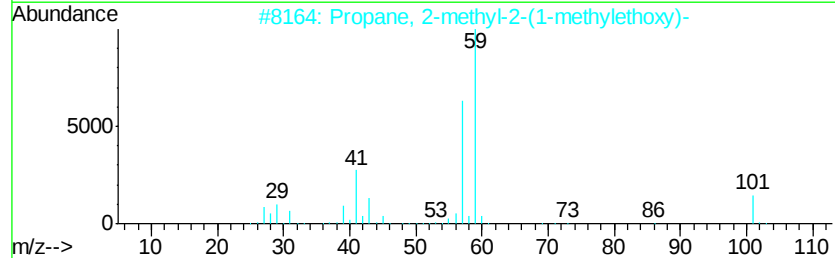
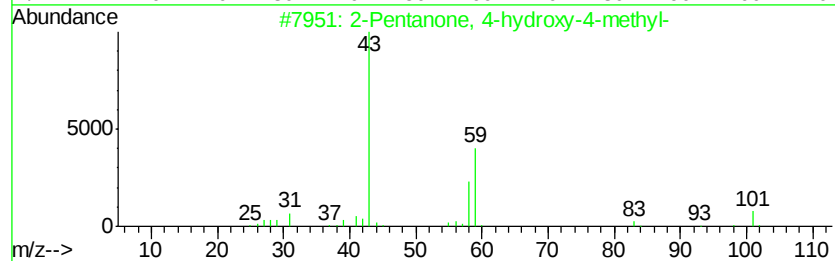
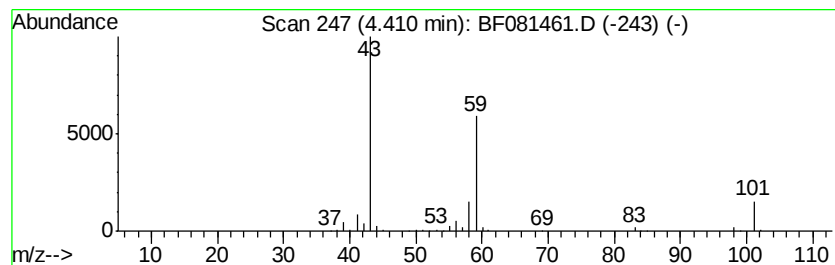
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	77.50 ng	1328940	1,4-Dichlorobenzene-d4	6.35

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	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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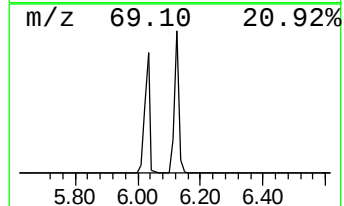
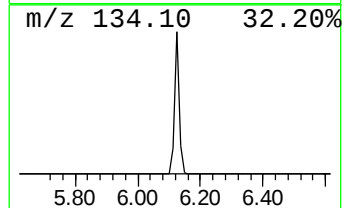
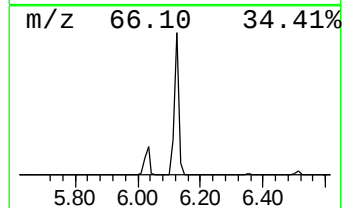
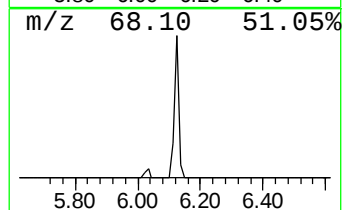
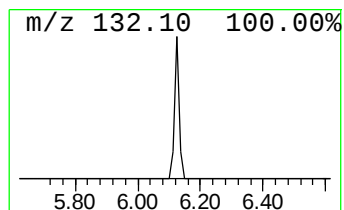
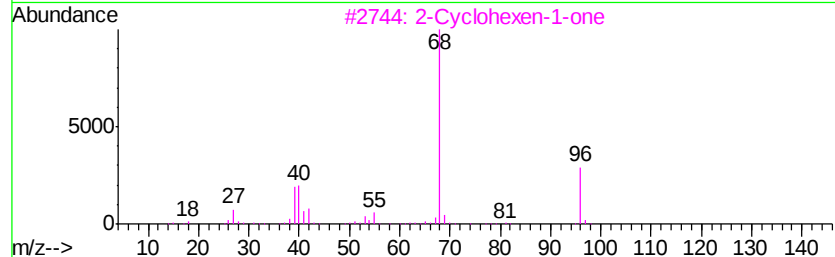
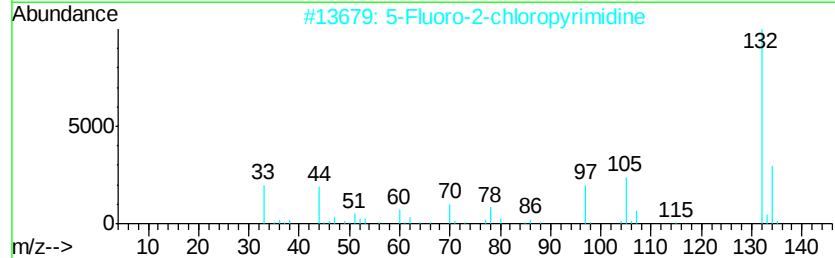
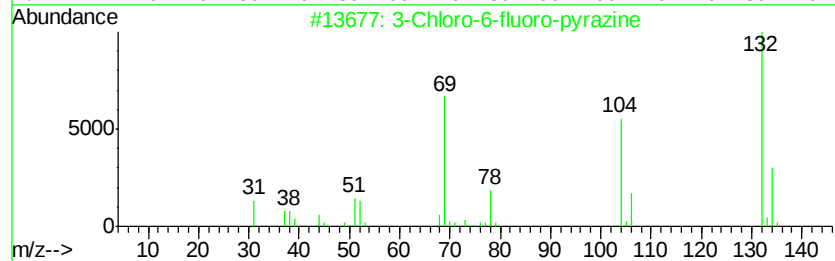
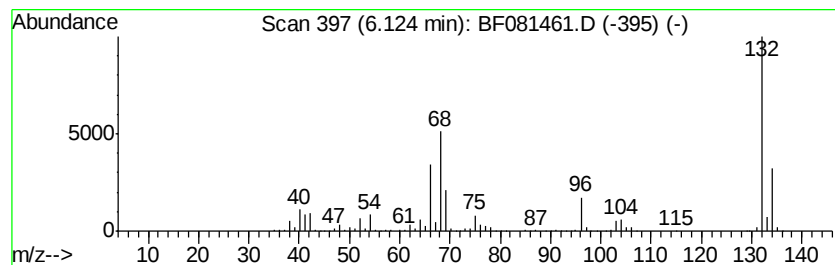
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Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	106.02 ng	1818000	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		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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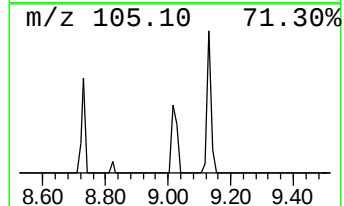
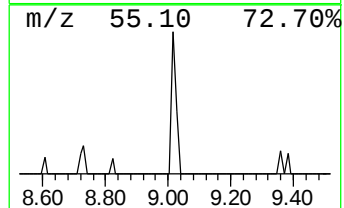
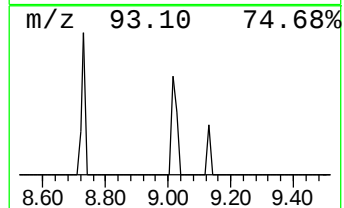
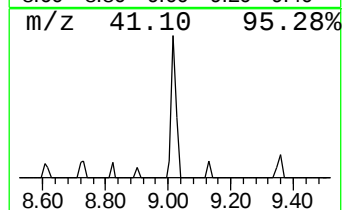
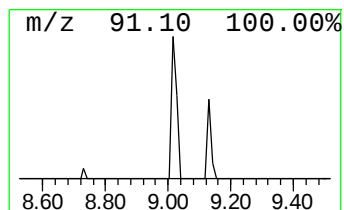
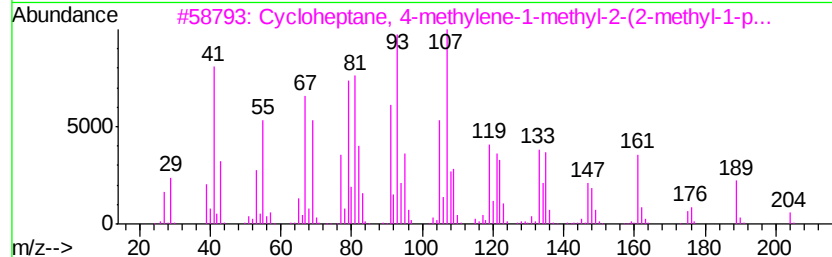
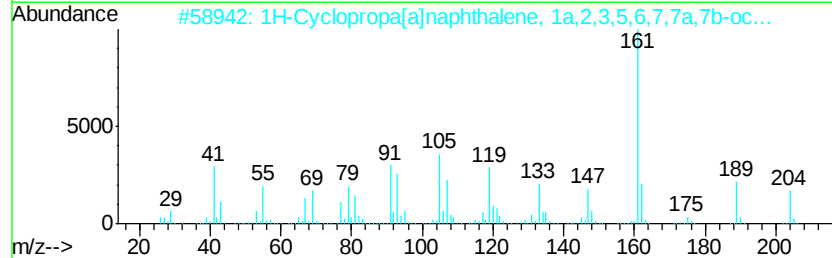
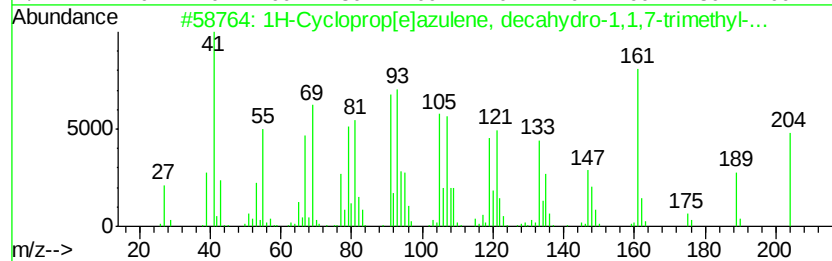
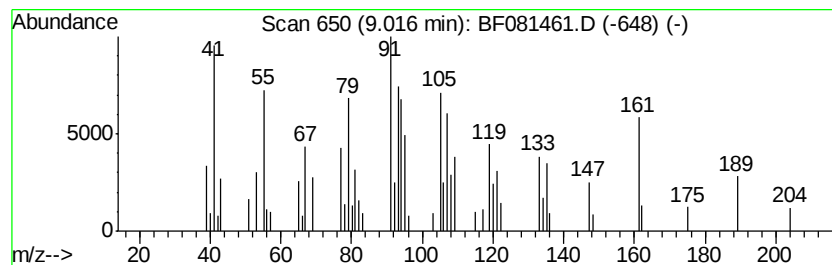
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Peak Number 4 1H-Cycloprop[e]azulene, dec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.75 ng	84700	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	90
2		1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	60
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	58
4		Bicyclo[5.3.0]decane, 2-methylen...	204	C15H24	1000159-39-3	52
5		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	49



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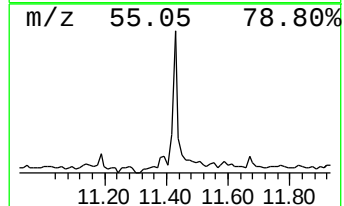
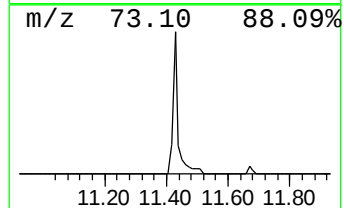
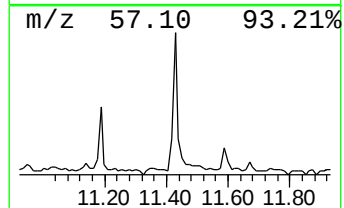
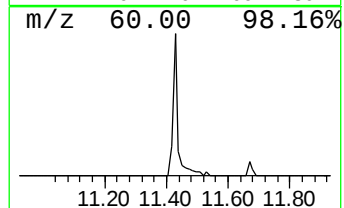
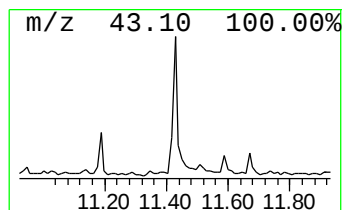
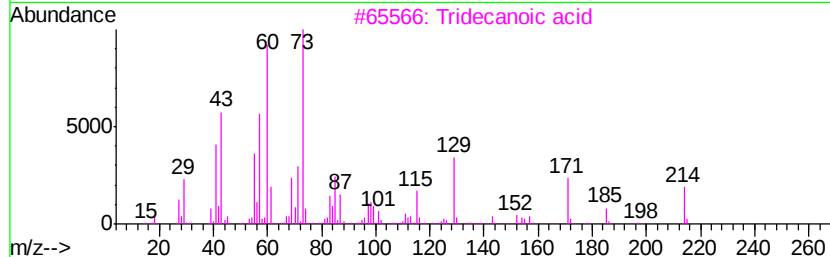
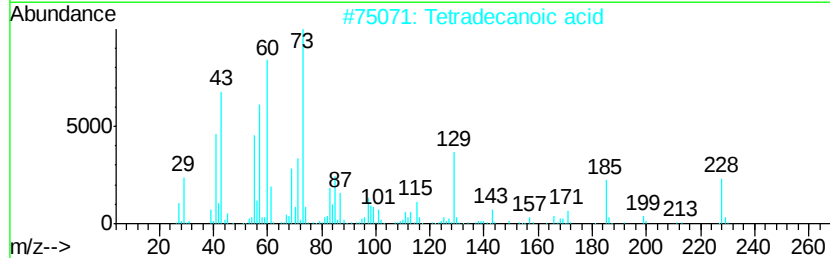
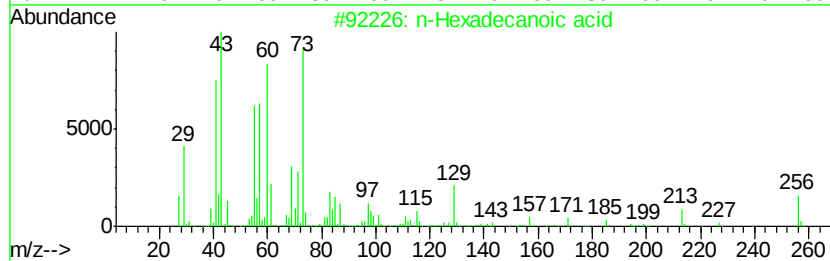
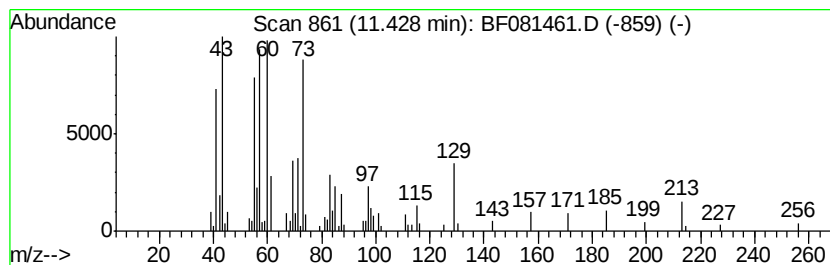
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	7.27 ng	163477	Phenanthrene-d10	10.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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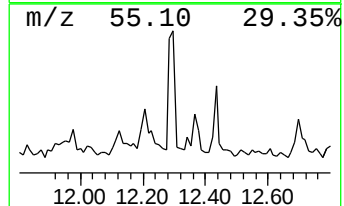
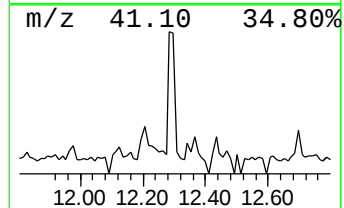
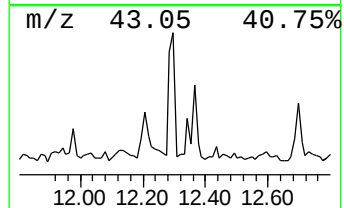
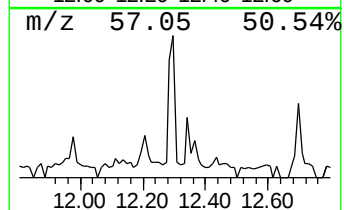
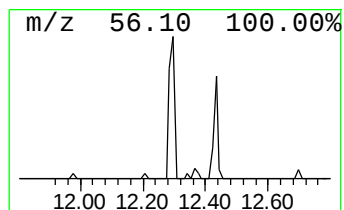
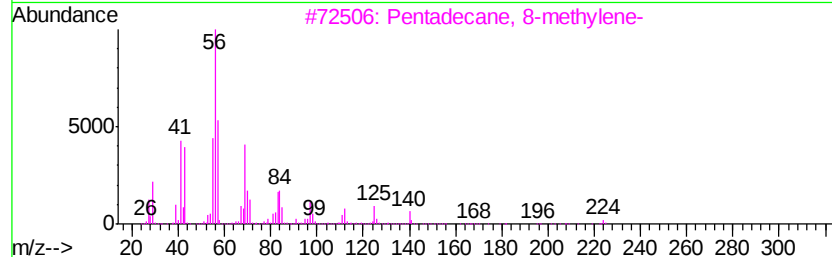
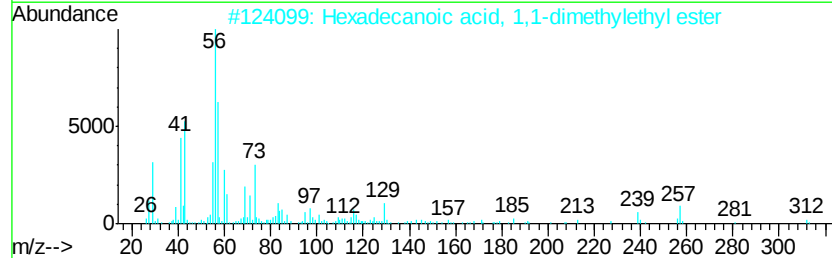
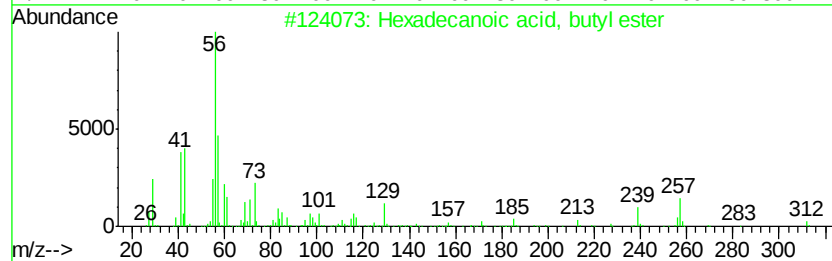
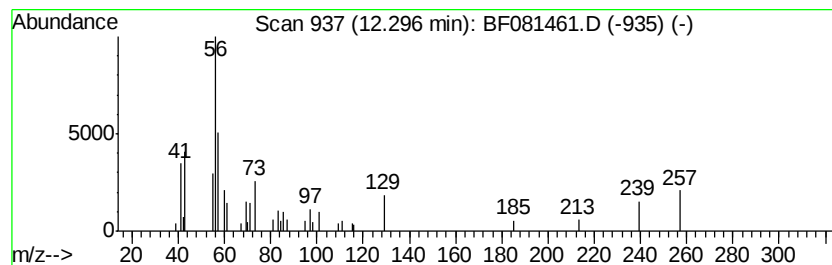
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Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.74 ng	50453	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	80
3		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
4		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



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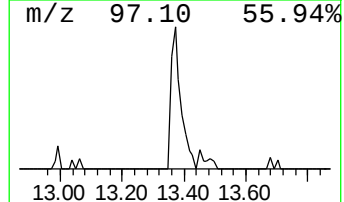
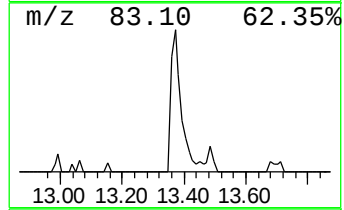
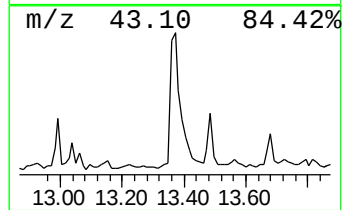
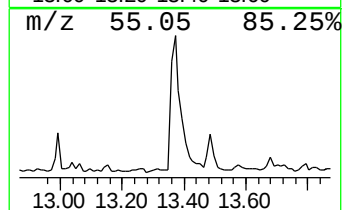
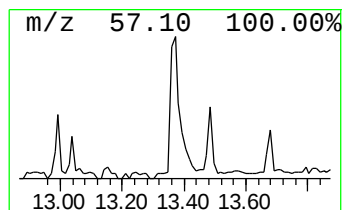
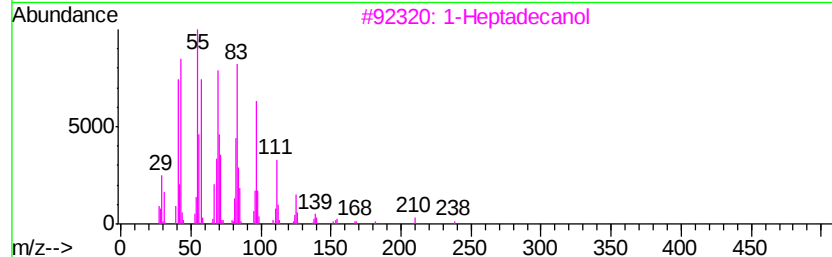
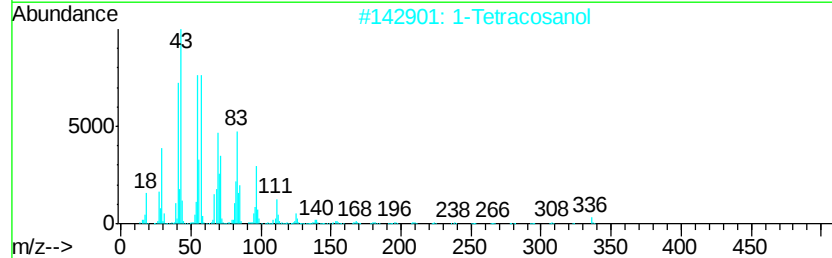
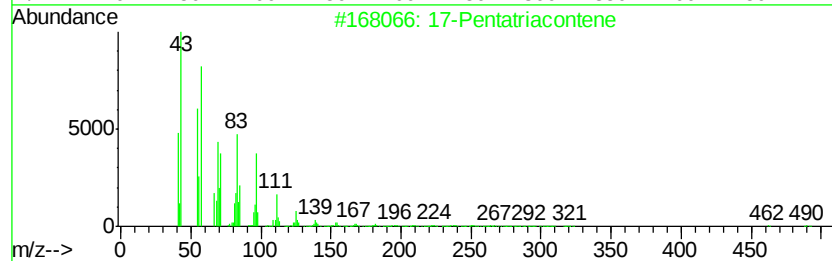
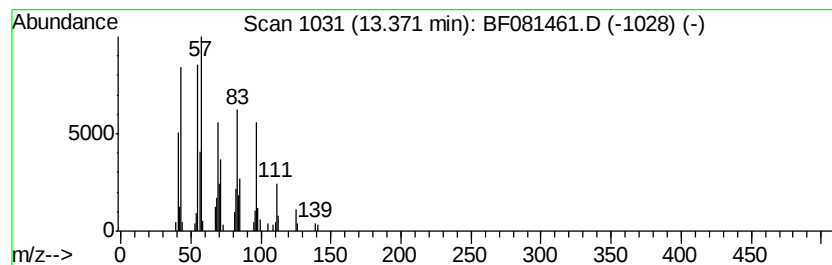
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	9.91 ng	182509	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		1-Tetracosanol	354	C24H50O	000506-51-4	74
3		1-Heptadecanol	256	C17H36O	001454-85-9	64
4		1-Hexacosanol	382	C26H54O	000506-52-5	62
5		1-Docosene	308	C22H44	001599-67-3	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081461.D
Acq On : 5 Sep 2015 13:15
Operator : UM/IZ
Sample : G3511-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(0-0.16)

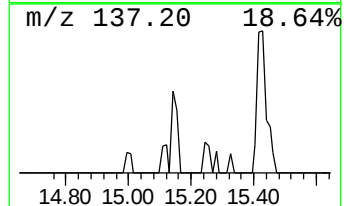
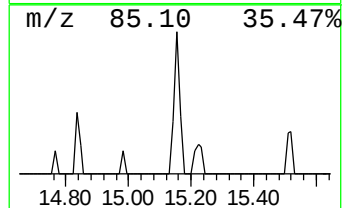
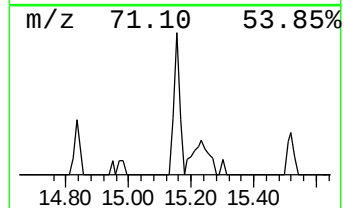
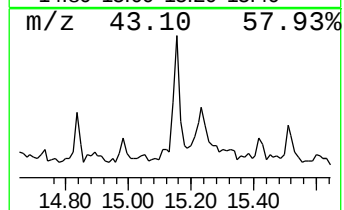
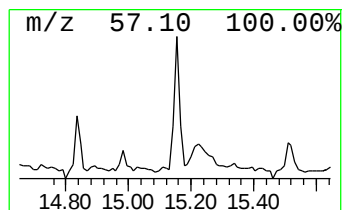
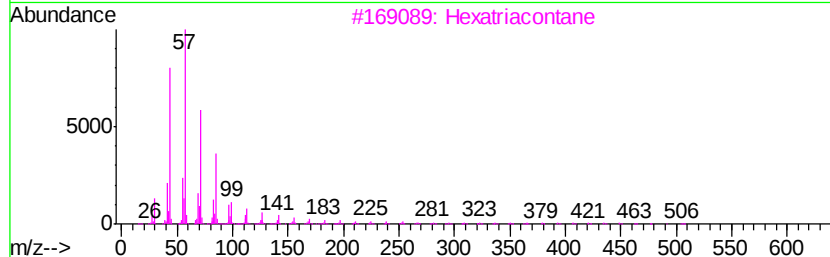
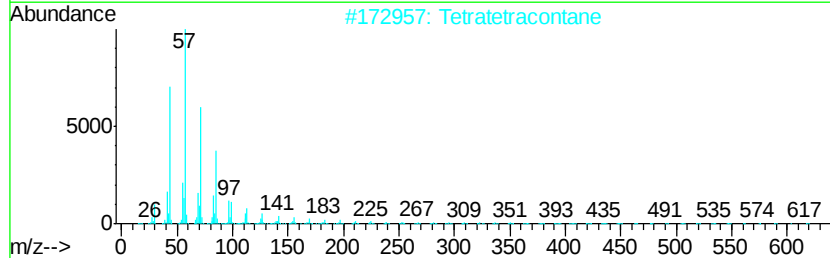
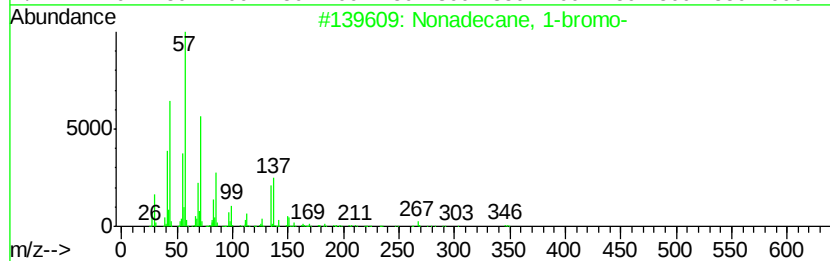
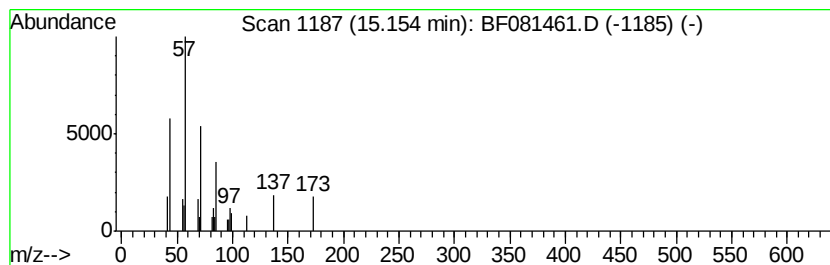
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 1-bromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.42 ng	29512	Perylene-d12	14.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-bromo-		346	C19H39Br	004434-66-6	72
2	Tetratetracontane		619	C44H90	007098-22-8	64
3	Hexatriacontane		507	C36H74	000630-06-8	64
4	Heptacosane		380	C27H56	000593-49-7	64
5	Heneicosane		296	C21H44	000629-94-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081461.D
Acq On : 5 Sep 2015 13:15
Operator : UM/IZ
Sample : G3511-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(0-0.16)

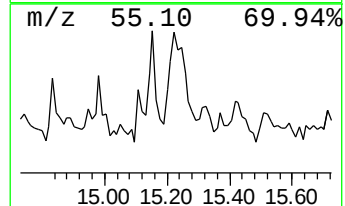
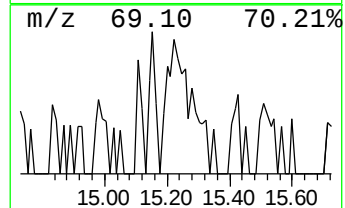
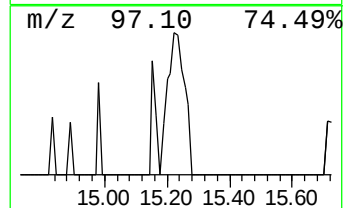
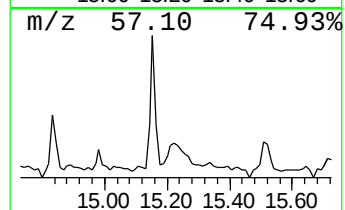
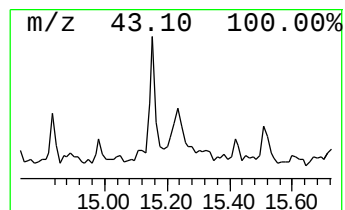
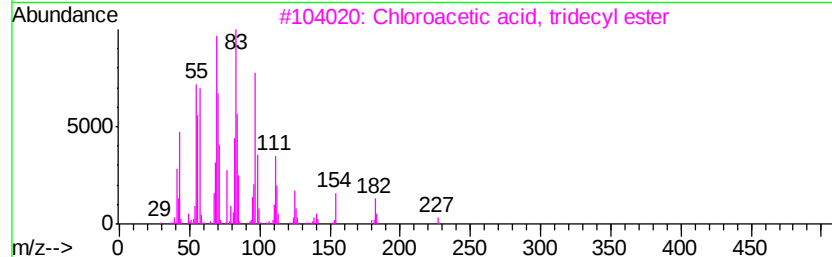
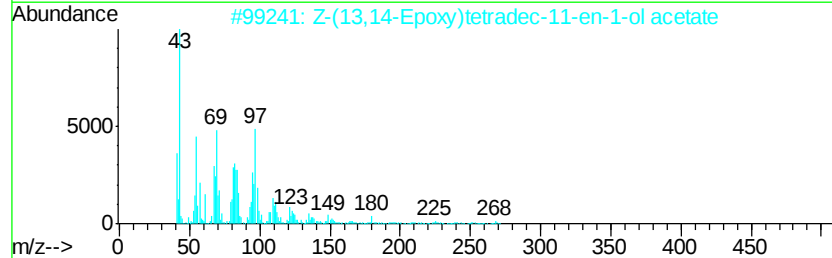
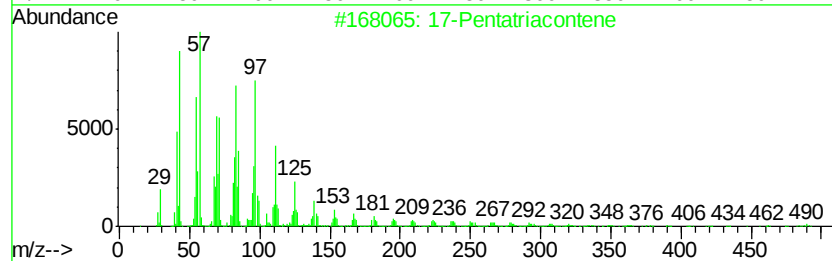
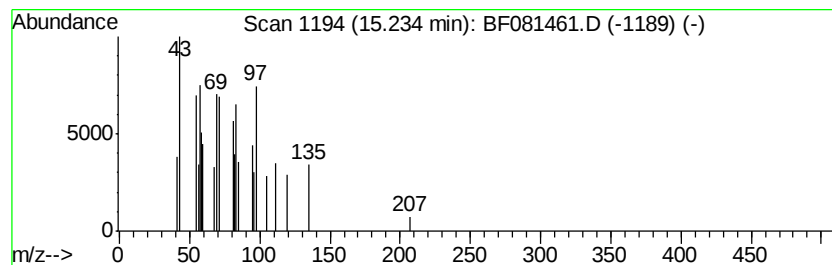
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Z-(13,14-Epoxy)tetradec-11-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.97 ng	36229	Perylene-d12	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	50
2		Z-(13,14-Epoxy)tetradec-11-en-1-...	268	C16H28O3	1000131-33-2	50
3		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	47
4		4-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-6	43
5		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081461.D
Acq On : 5 Sep 2015 13:15
Operator : UM/IZ
Sample : G3511-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(0-0.16)

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
2-Pentanone, 4-hy...	4.41	77.5	ng	1328940	1	6.35	342964	20.0
unknown6.12	6.12	106.0	ng	1818000	1	6.35	342964	20.0
1H-Cycloprop[e]az...	9.02	3.8	ng	84700	3	9.38	452239	20.0
n-Hexadecanoic acid	11.43	7.3	ng	163477	4	10.84	449536	20.0
Hexadecanoic acid...	12.30	2.7	ng	50453	5	13.45	368302	20.0
17-Pentatriacontene	13.37	9.9	ng	182509	5	13.45	368302	20.0
Nonadecane, 1-bromo-	15.15	2.4	ng	29512	6	14.77	244078	20.0
Z-(13,14-Epoxy)te...	15.23	3.0	ng	36229	6	14.77	244078	20.0