

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 SS-23

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-BF060716.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	1.644	3	5	7	rVB	3443496	4277521	100.00%	20.084%
2	1.758	13	15	24	rVB	164866	300835	7.03%	1.413%
3	1.884	24	26	38	rVB	1912562	2985783	69.80%	14.019%
4	2.044	38	40	81	rVB2	80370	517730	12.10%	2.431%
5	4.993	295	298	301	rBV	65278	88434	2.07%	0.415%
6	5.416	332	335	337	rBV	1217871	1155789	27.02%	5.427%
7	6.456	423	426	428	rBV	1233798	1241664	29.03%	5.830%
8	6.593	435	438	440	rBV	1147729	1239411	28.97%	5.819%
9	6.822	456	458	461	rBB	653807	565586	13.22%	2.656%
10	6.982	469	472	474	rBB	994901	854210	19.97%	4.011%
11	7.382	505	507	509	rBV	619028	679201	15.88%	3.189%
12	8.113	568	571	573	rBV	846051	800803	18.72%	3.760%
13	9.188	663	665	668	rBV	1119196	1059932	24.78%	4.977%
14	9.588	698	700	702	rBV	438379	337470	7.89%	1.585%
15	9.873	722	725	727	rBV	756208	830711	19.42%	3.900%
16	10.651	791	793	796	rBV2	626220	656645	15.35%	3.083%
17	11.348	852	854	857	rBV	673823	760197	17.77%	3.569%
18	12.559	958	960	963	rVB	65522	57269	1.34%	0.269%
19	12.777	976	979	982	rBV2	115992	153461	3.59%	0.721%
20	12.937	991	993	996	rVB	643729	699735	16.36%	3.285%
21	13.485	1039	1041	1043	rBV	58965	56096	1.31%	0.263%
22	13.851	1070	1073	1078	rBV3	35095	65235	1.53%	0.306%
23	13.988	1082	1085	1092	rVV	655231	666625	15.58%	3.130%
24	15.005	1171	1174	1181	rBV	38972	94599	2.21%	0.444%
25	15.417	1207	1210	1213	rBV	443113	560421	13.10%	2.631%
26	17.394	1379	1383	1394	rVV9	26283	112926	2.64%	0.530%
27	17.589	1397	1400	1407	rVB4	20969	57293	1.34%	0.269%
28	17.817	1416	1420	1426	rBV	42909	158576	3.71%	0.745%
29	17.920	1426	1429	1436	rVB5	26694	81597	1.91%	0.383%
30	18.149	1445	1449	1459	rBV4	30206	127096	2.97%	0.597%
31	19.349	1550	1554	1561	rVB6	15489	55100	1.29%	0.259%

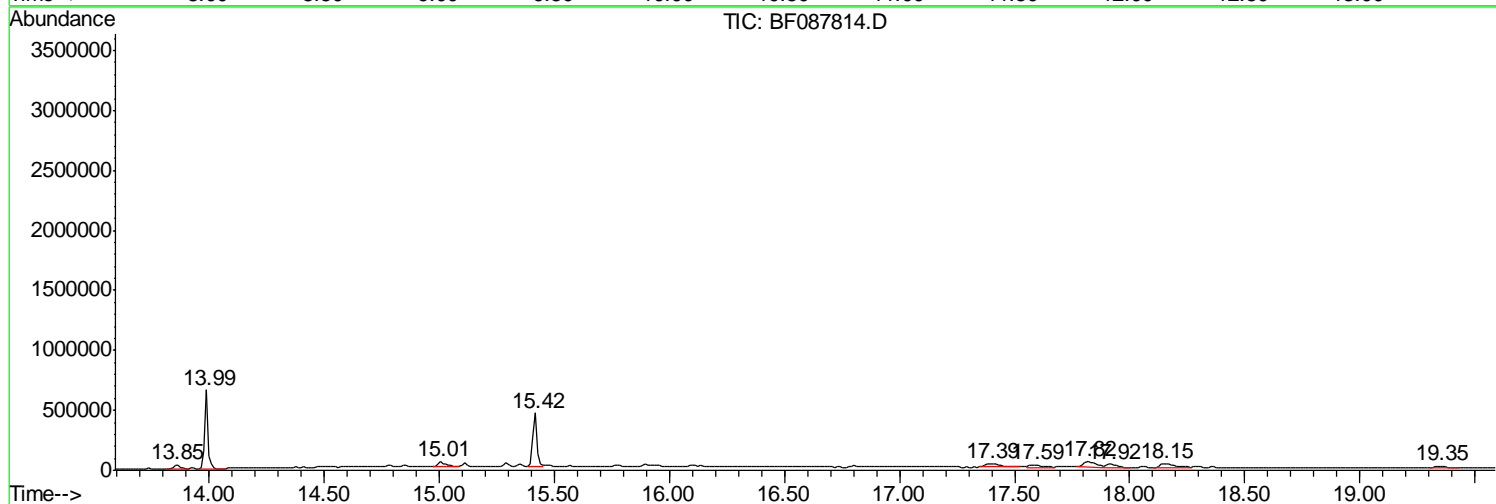
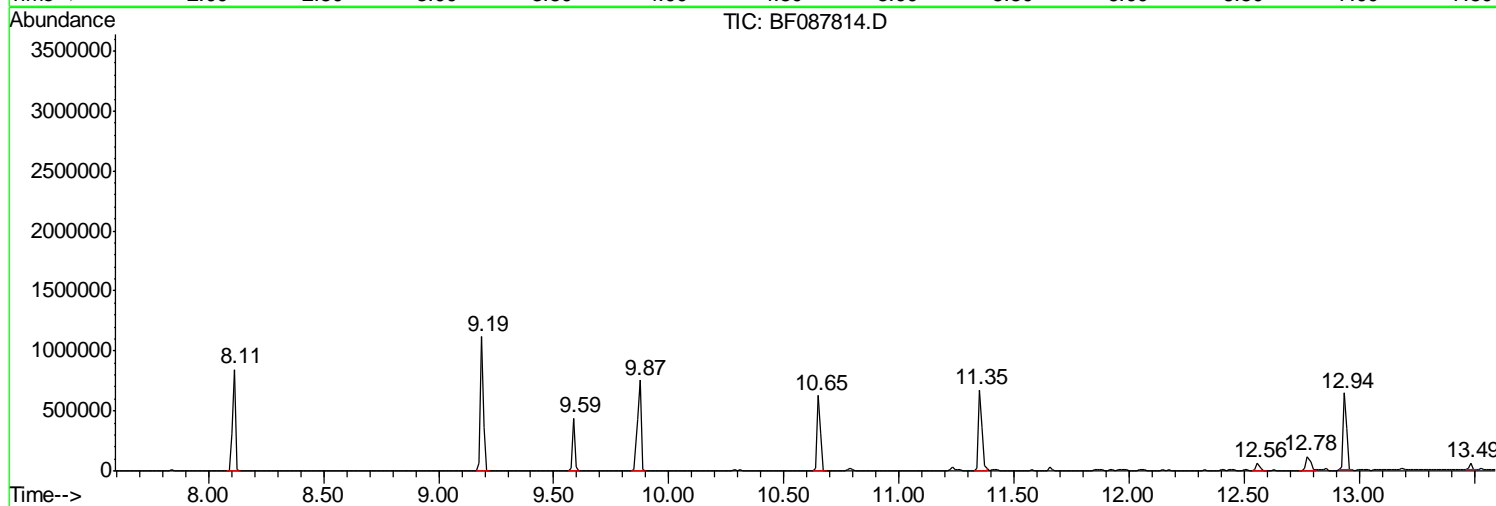
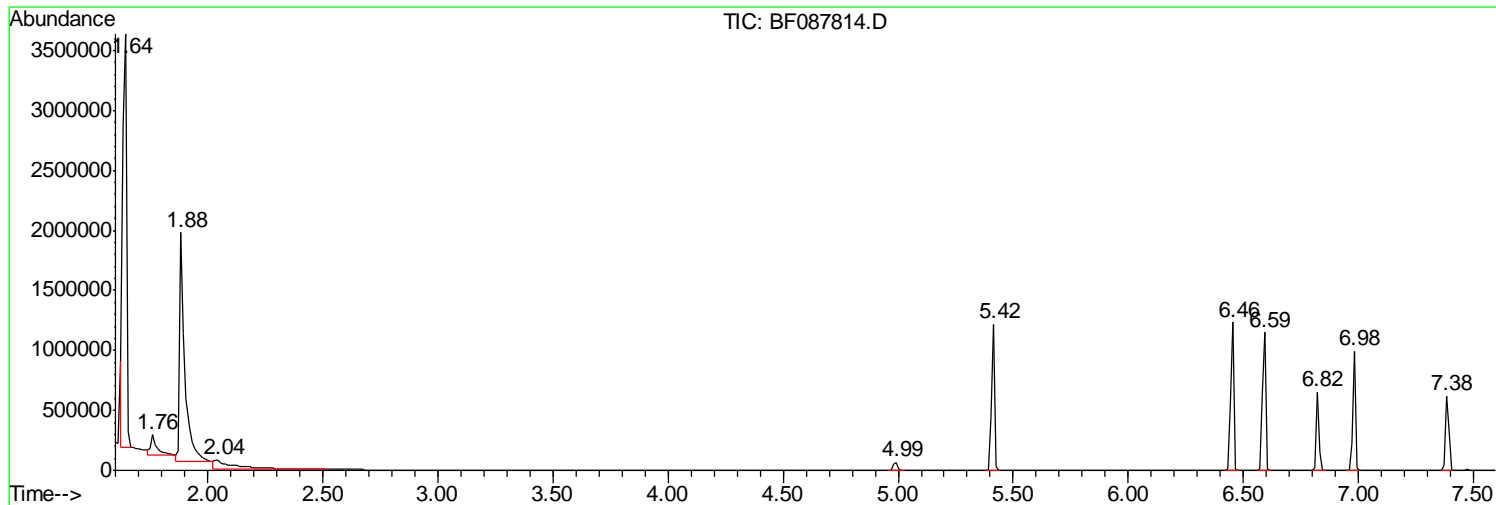
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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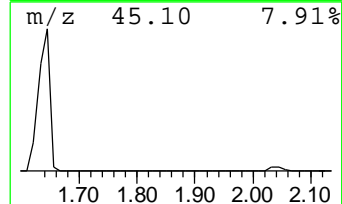
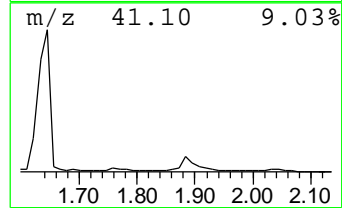
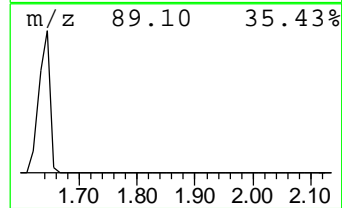
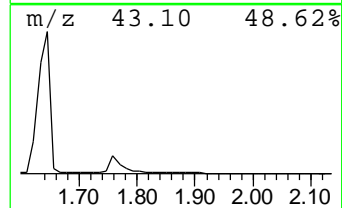
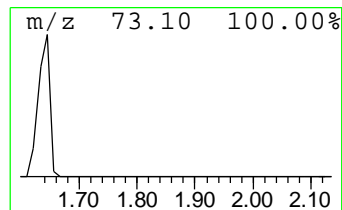
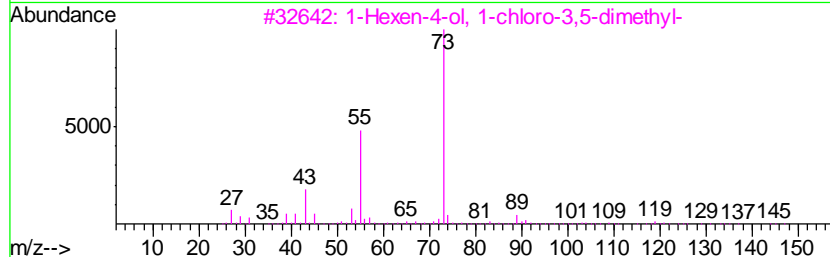
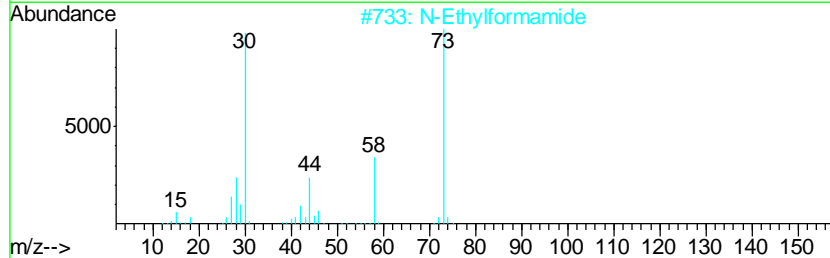
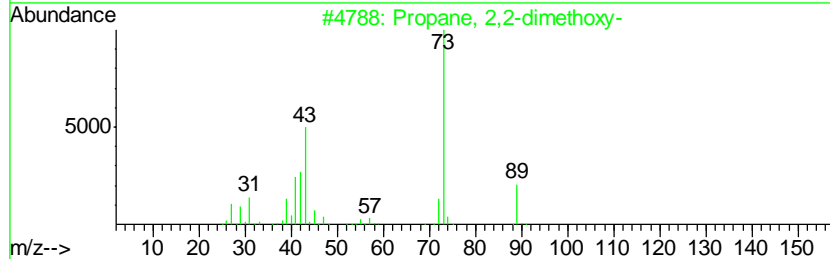
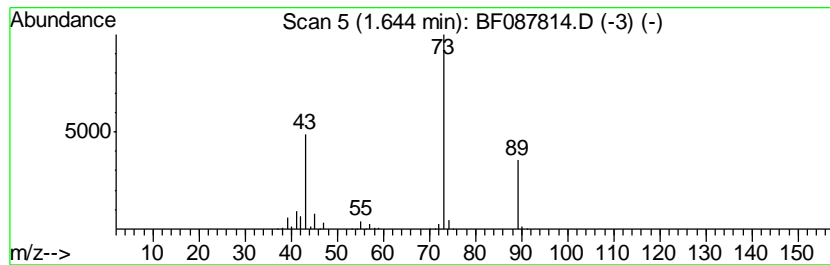
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 Peak Number 1 unknown1.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	151.26 ng	4277520	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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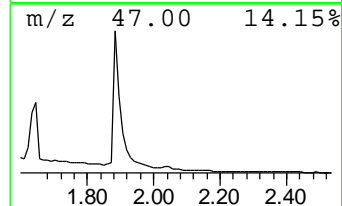
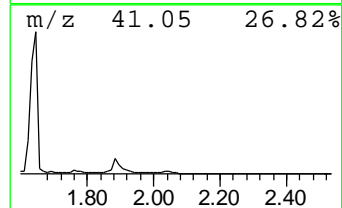
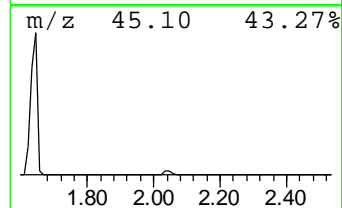
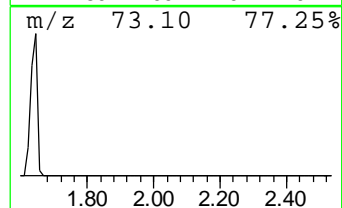
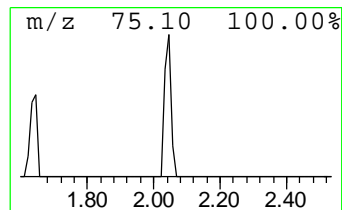
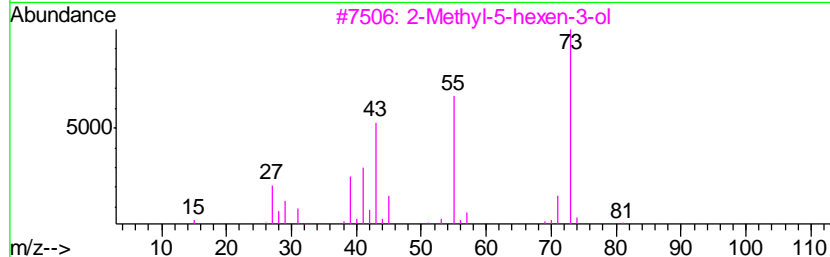
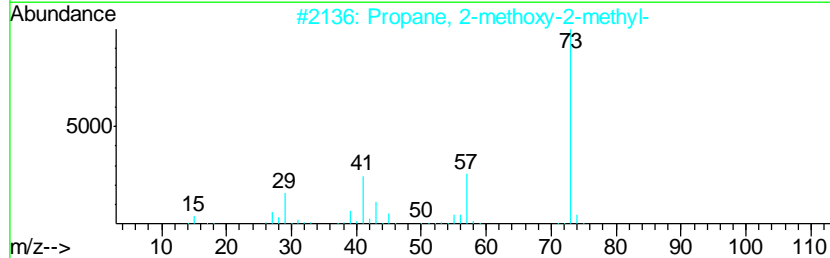
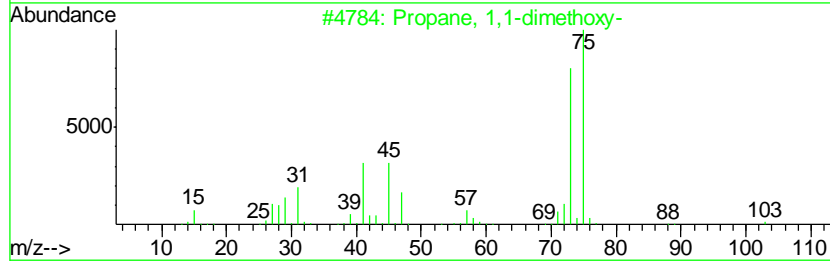
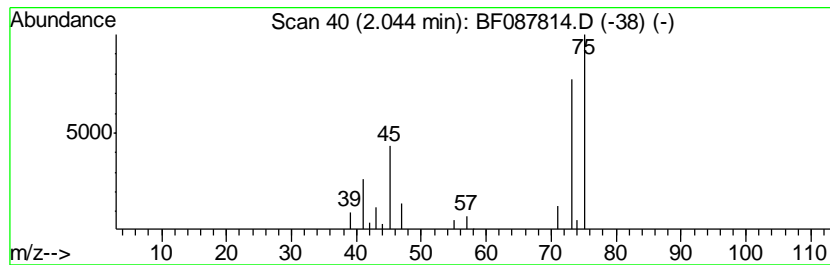
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 Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	18.31 ng	517730	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	50
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5		1,3-Dioxolane	74	C3H6O2	000646-06-0	7



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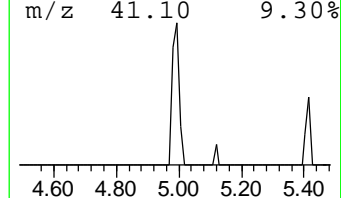
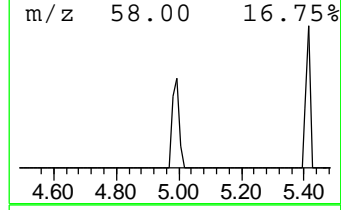
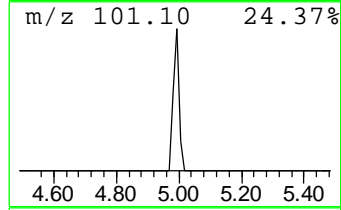
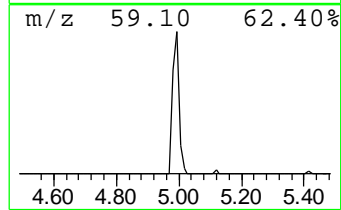
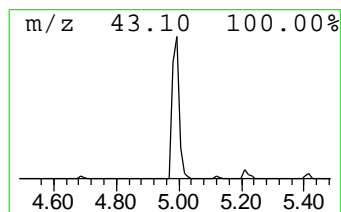
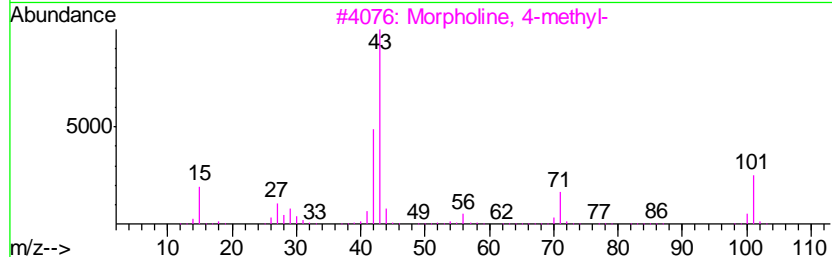
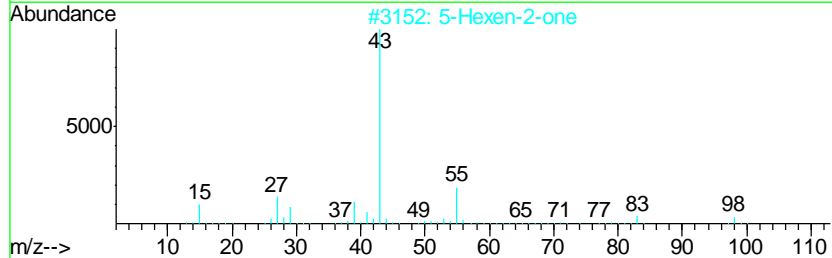
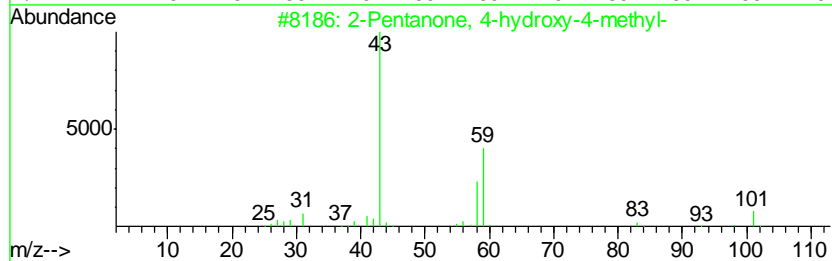
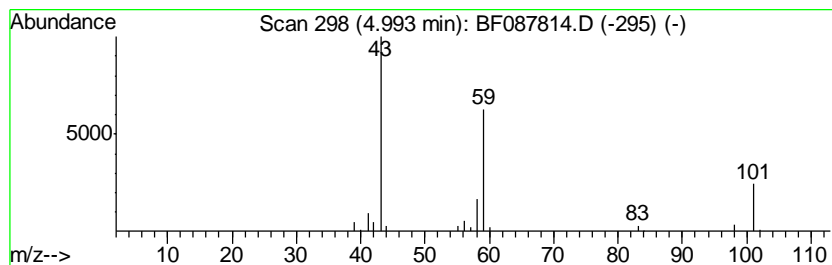
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 Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.13 ng	88434	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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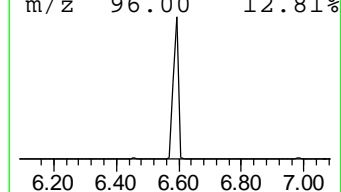
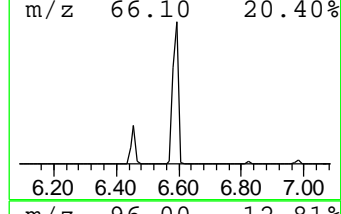
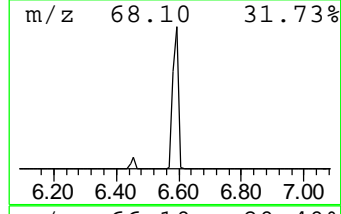
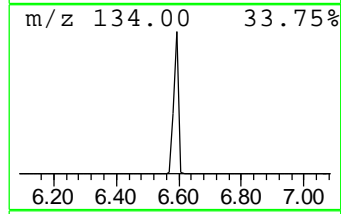
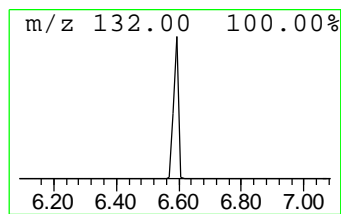
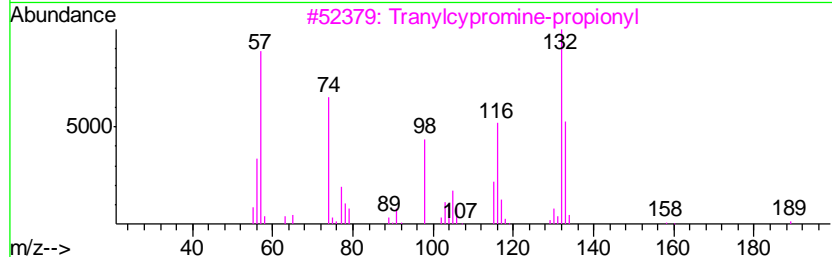
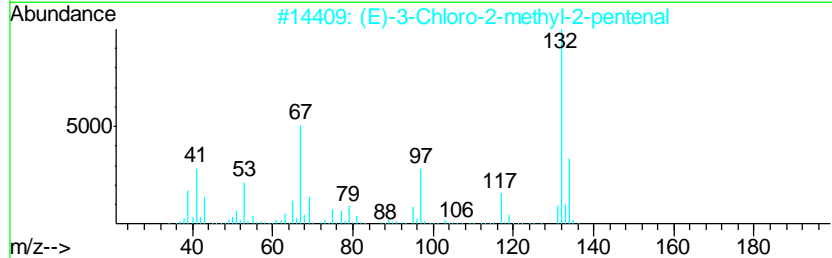
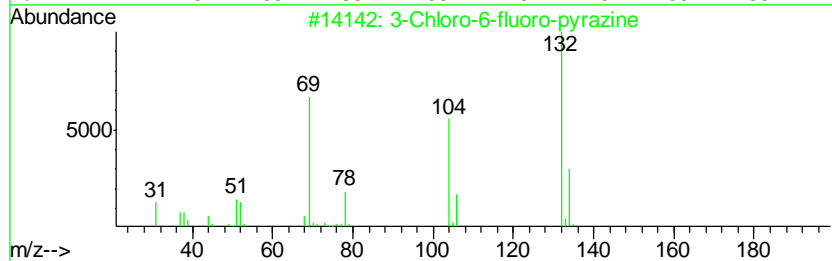
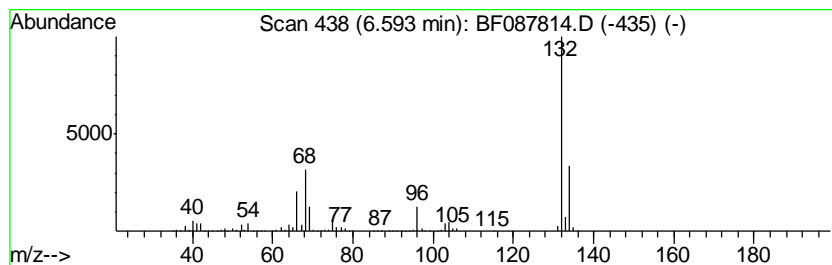
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 Peak Number 6 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	43.83 ng	1239410	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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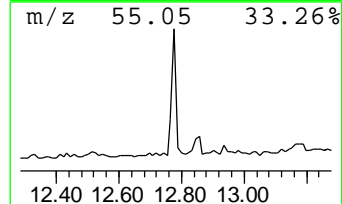
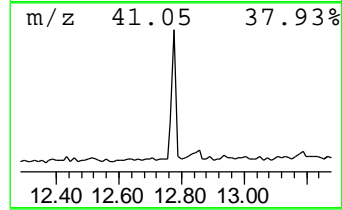
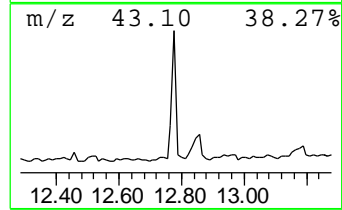
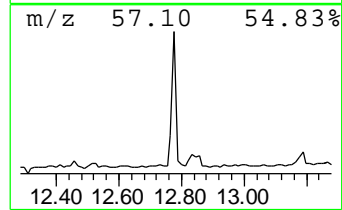
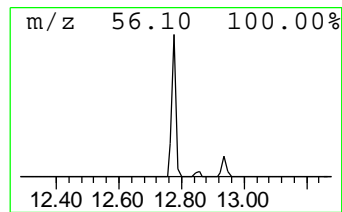
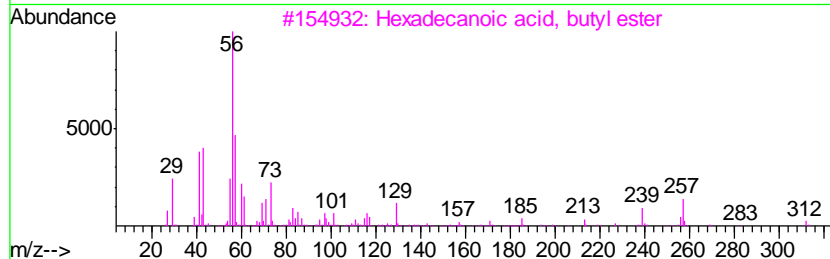
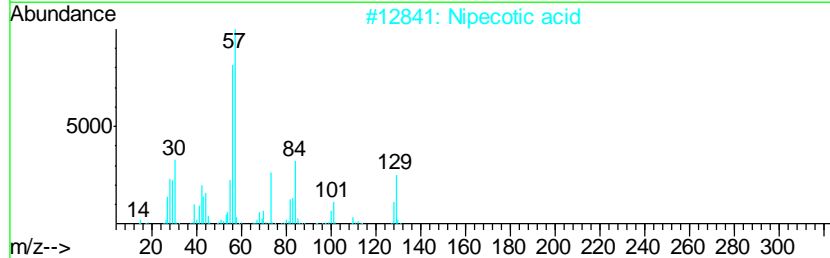
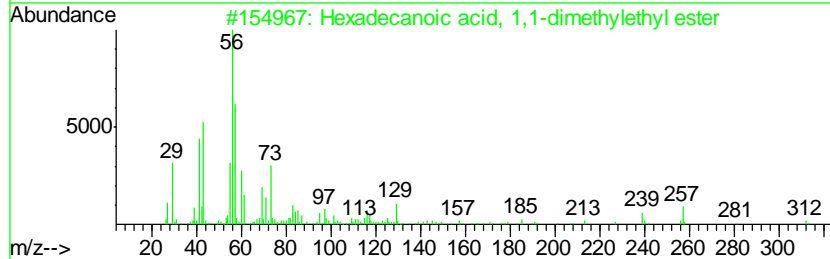
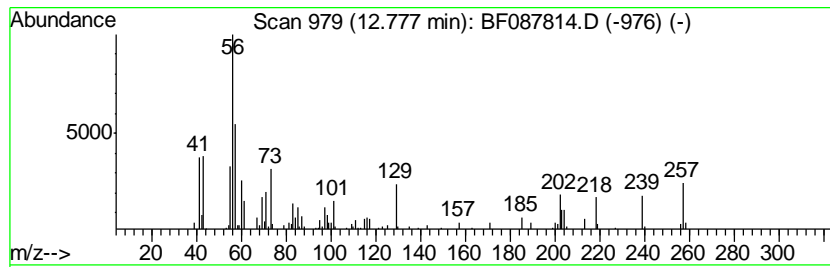
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 Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	4.60 ng	153461	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
2		Nipecotic acid	129	C6H11NO2	000498-95-3	43
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	30
4		2-Butyl-1-decene	196	C14H28	051655-65-3	27
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27



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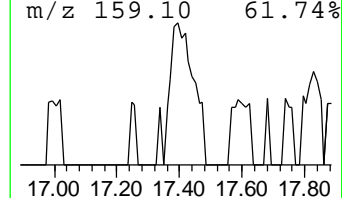
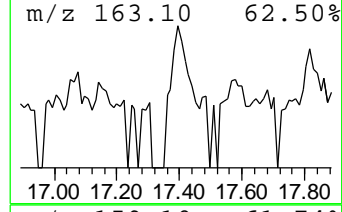
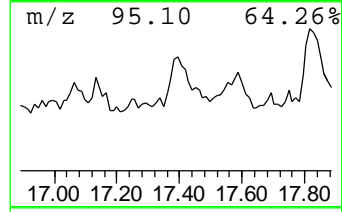
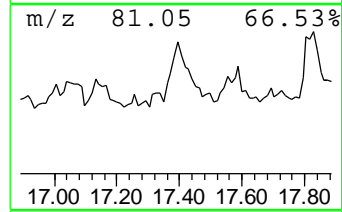
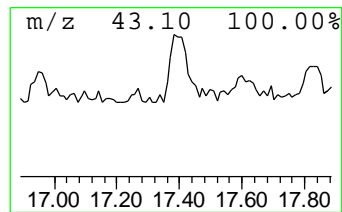
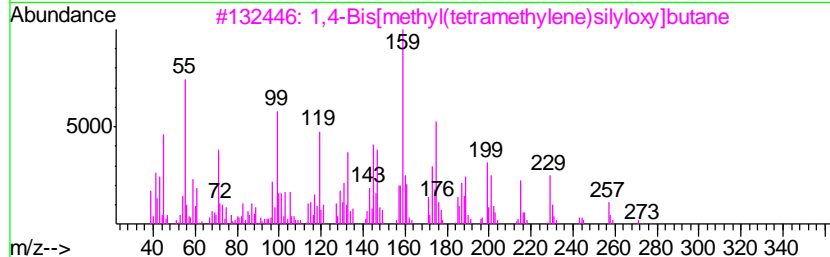
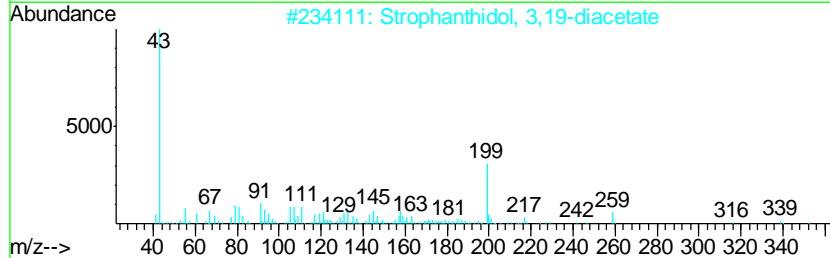
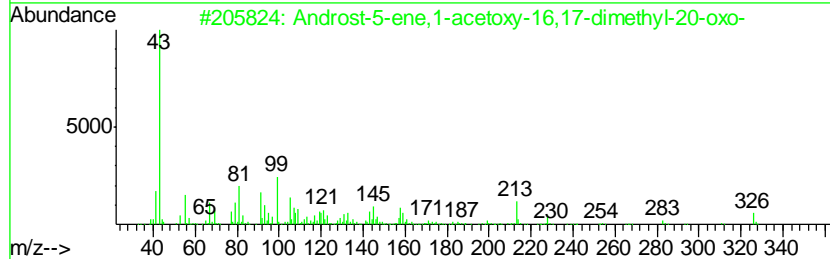
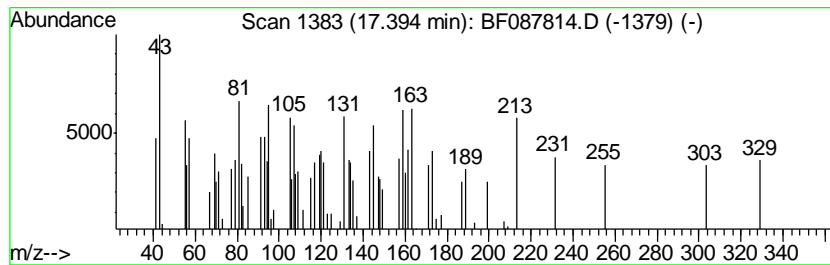
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 unknown17.39 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	4.03 ng	112926	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-5-ene,1-acetoxv-16,17-di...	386	C25H38O3	294866-91-4	35
2		Strophanthidol, 3,19-diacetate	490	C27H38O8	083349-11-5	14
3		1,4-Bis[methyl(tetramethylene)silyloxy]butane	286	C14H30O2Si2	1000216-99-8	10
4		3-Methylquinoline-1-oxide	159	C10H9NO	001873-55-8	10
5		2,5-Dichlorobenzyl alcohol, 2-me...	246	C12H16Cl2O	1000378-12-0	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 SS-23

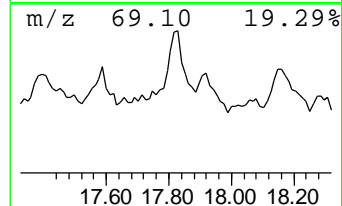
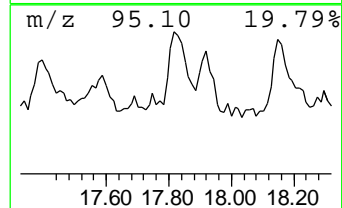
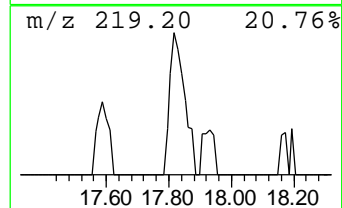
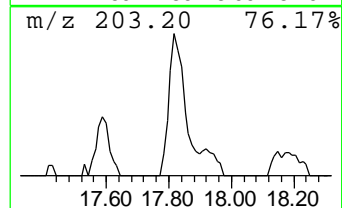
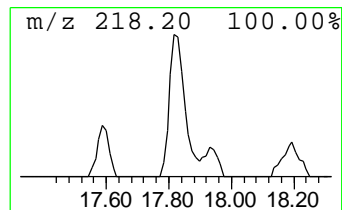
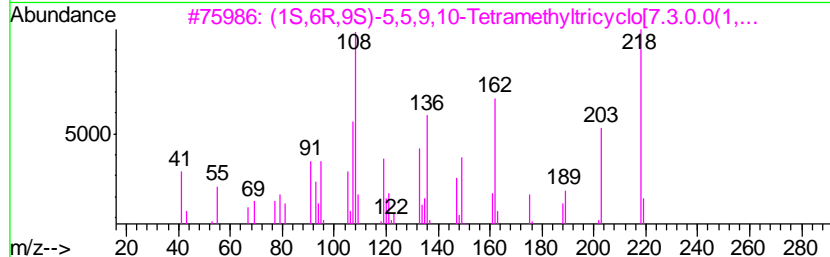
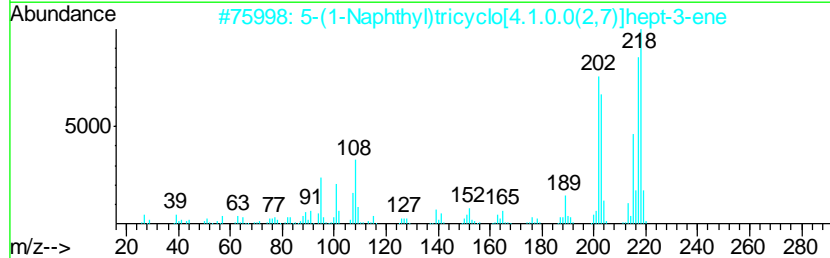
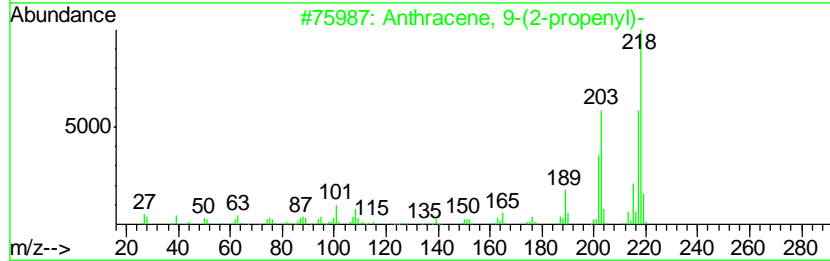
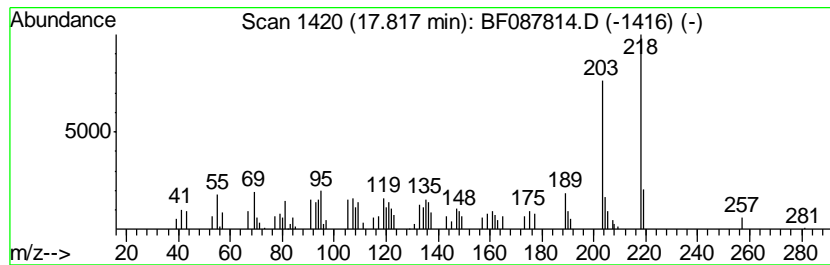
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Anthracene, 9-(2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.66 ng	158576	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	81
2		5-(1-Naphthyl)tricyclo[4.1.0.0(2...]	218	C17H14	107729-05-5	72
3		(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	70
4		2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	64
5		9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 SS-23

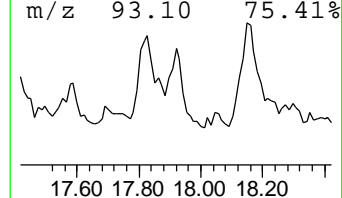
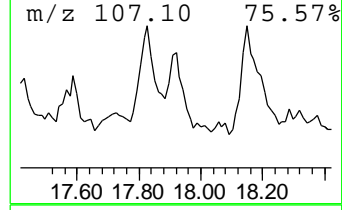
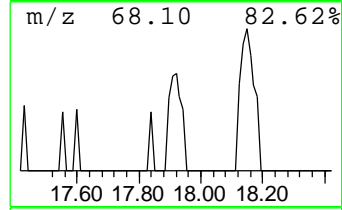
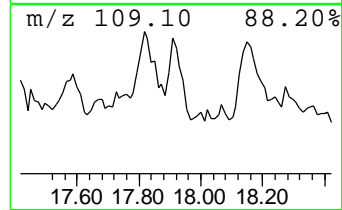
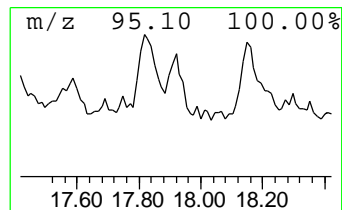
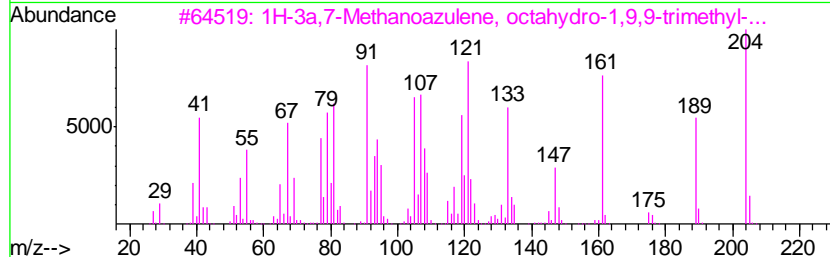
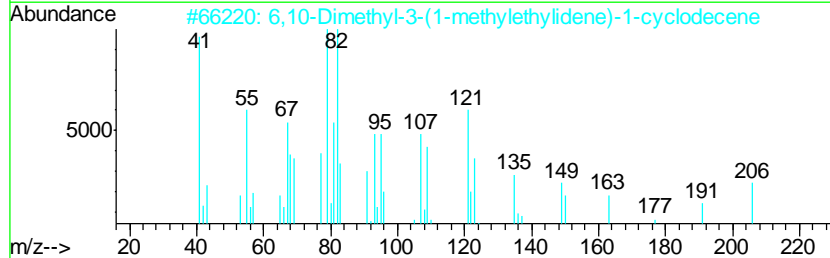
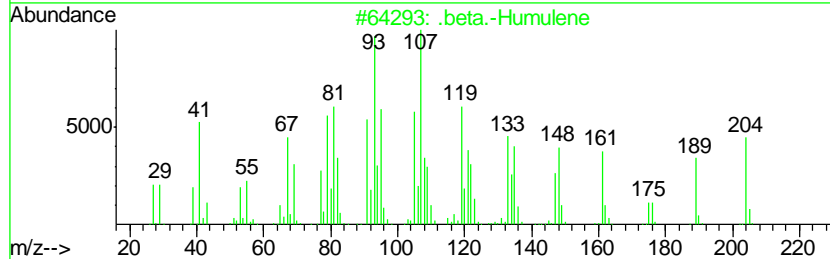
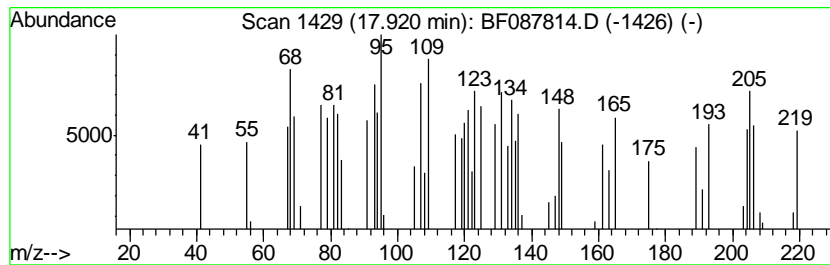
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 .beta.-Humulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.91 ng	81597	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Humulene	204	C15H24	000116-04-1	81
2		6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	64
3		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	47
4		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	42
5		1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

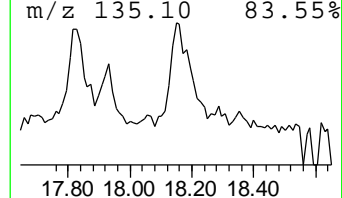
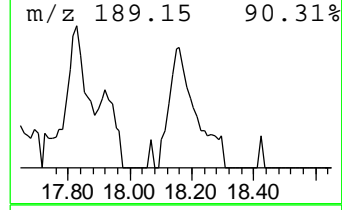
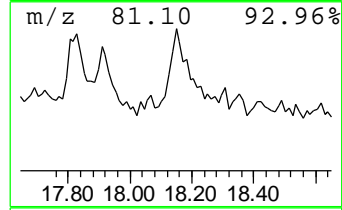
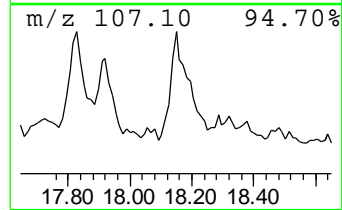
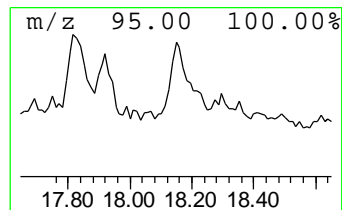
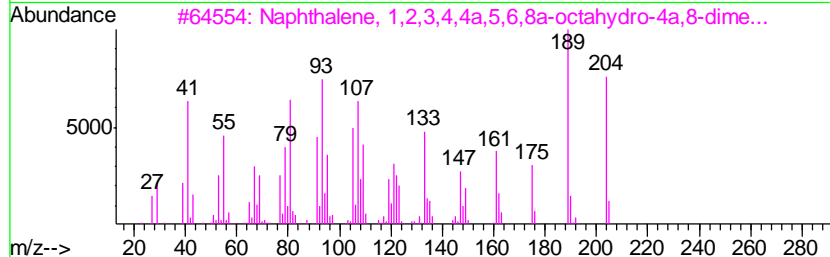
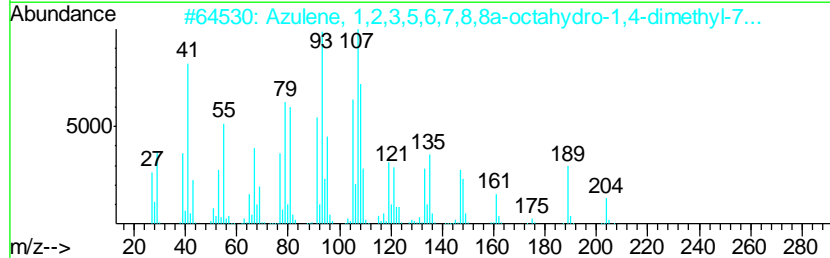
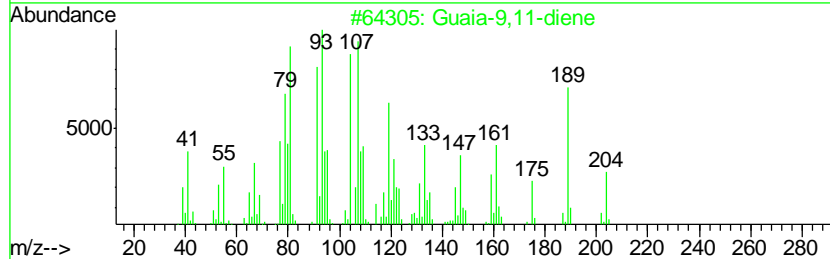
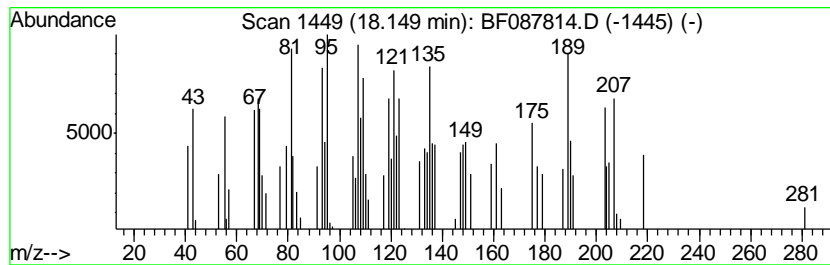
Instrument :
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 ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 14 Guaia-9,11-diene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.54 ng	127096	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Guaia-9,11-diene	204 C15H24	1000374-19-8 68
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204 C15H24	003691-11-0 38
3		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	000473-13-2 38
4		(-)-Isolongifolol, methyl ether	236 C16H28O	1000333-80-8 38
5		.beta.-Humulene	204 C15H24	000116-04-1 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown1.64	1.64	151.3	ng	4277520	1	6.82	565586	20.0
Propane, 1,1-dime...	2.04	18.3	ng	517730	1	6.82	565586	20.0
2-Pentanone, 4-hy...	4.99	3.1	ng	88434	1	6.82	565586	20.0
unknown6.59	6.59	43.8	ng	1239410	1	6.82	565586	20.0
Hexadecanoic acid...	12.78	4.6	ng	153461	5	13.99	666625	20.0
unknown17.39	17.39	4.0	ng	112926	6	15.42	560421	20.0
Anthracene, 9-(2-...	17.82	5.7	ng	158576	6	15.42	560421	20.0
.beta.-Humulene	17.92	2.9	ng	81597	6	15.42	560421	20.0
Guaia-9,11-diene	18.15	4.5	ng	127096	6	15.42	560421	20.0