

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097096.D
 Acq On : 27 Jul 2017 00:56
 Operator : SJ/JU
 Sample : I4359-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.634	464	467	478	rBV	162459	250658	10.19%	1.184%
2	5.093	541	545	565	rBV	2128953	2296834	93.39%	10.845%
3	6.157	721	726	741	rBV	2124413	2459359	100.00%	11.612%
4	6.269	741	745	748	rBV	2351598	2130776	86.64%	10.061%
5	6.492	780	783	794	rVB	676736	616411	25.06%	2.910%
6	6.651	806	810	821	rBV	1848595	1634207	66.45%	7.716%
7	7.063	876	880	883	rBV	1447435	1295444	52.67%	6.117%
8	7.781	998	1002	1005	rBV	835804	740580	30.11%	3.497%
9	8.857	1181	1185	1188	rBV	2254106	2001047	81.36%	9.448%
10	9.257	1249	1253	1256	rBV	207196	174578	7.10%	0.824%
11	9.522	1295	1298	1302	rBV	813906	728958	29.64%	3.442%
12	9.980	1373	1376	1379	rVB	44202	34199	1.39%	0.161%
13	10.198	1406	1413	1416	rBV2	20547	28222	1.15%	0.133%
14	10.310	1428	1432	1438	rVB	1137045	993011	40.38%	4.689%
15	10.451	1453	1456	1462	rBV	53478	61375	2.50%	0.290%
16	10.998	1545	1549	1552	rBV	611114	509957	20.74%	2.408%
17	11.551	1641	1643	1647	rBV	52889	58749	2.39%	0.277%
18	12.204	1751	1754	1759	rBV	30844	27398	1.11%	0.129%
19	12.333	1773	1776	1782	rBV4	20721	26508	1.08%	0.125%
20	12.427	1788	1792	1796	rBV	31234	29898	1.22%	0.141%
21	12.586	1814	1819	1822	rBV	1410167	1398832	56.88%	6.605%
22	13.498	1968	1974	1980	rBV	95949	137345	5.58%	0.648%
23	13.621	1991	1995	2005	rBV	670358	684824	27.85%	3.234%
24	14.133	2080	2082	2088	rVB6	25123	35505	1.44%	0.168%
25	14.480	2138	2141	2144	rBV3	28433	32183	1.31%	0.152%
26	14.710	2177	2180	2182	rBV	37711	51571	2.10%	0.244%
27	14.974	2221	2225	2230	rVB	364192	388319	15.79%	1.834%
28	15.198	2261	2263	2265	rBV2	23930	26819	1.09%	0.127%
29	15.386	2292	2295	2300	rBV	60310	86136	3.50%	0.407%
30	15.745	2355	2356	2361	rVB5	30179	32696	1.33%	0.154%
31	16.121	2417	2420	2421	rBV3	24451	28484	1.16%	0.134%
32	16.662	2510	2512	2518	rBV7	26869	56038	2.28%	0.265%
33	17.009	2565	2571	2572	rBV6	33389	61173	2.49%	0.289%
34	17.539	2657	2661	2669	rVB5	147327	338325	13.76%	1.597%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	17.874	2710	2718	2727	rVB6	183216	637506	25.92%	3.010%
36	18.574	2829	2837	2846	rBV3	139720	351980	14.31%	1.662%
37	18.674	2846	2854	2867	rVB3	230699	662182	26.92%	3.127%
38	18.921	2893	2896	2902	rVB7	24101	35271	1.43%	0.167%
39	19.145	2932	2934	2939	rBV6	23770	35594	1.45%	0.168%

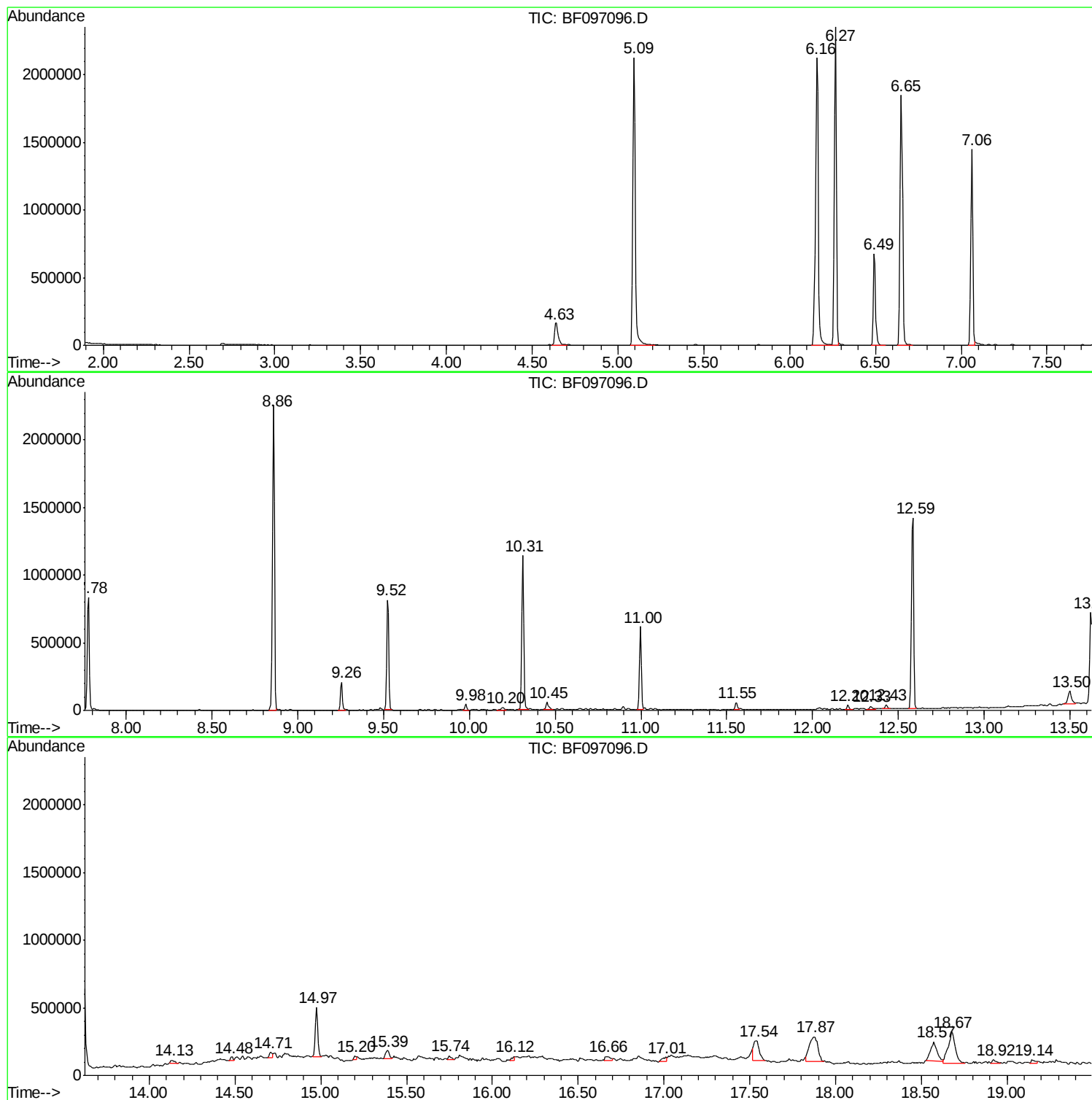
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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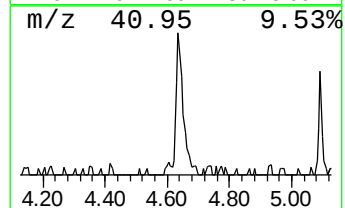
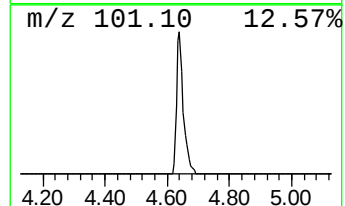
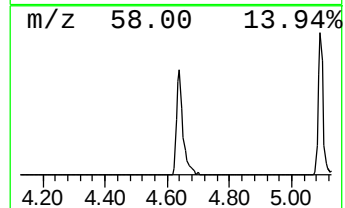
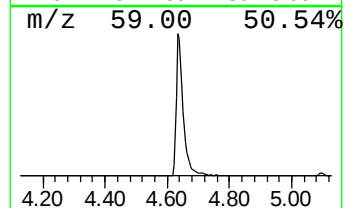
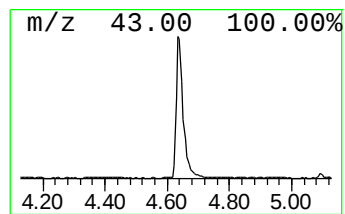
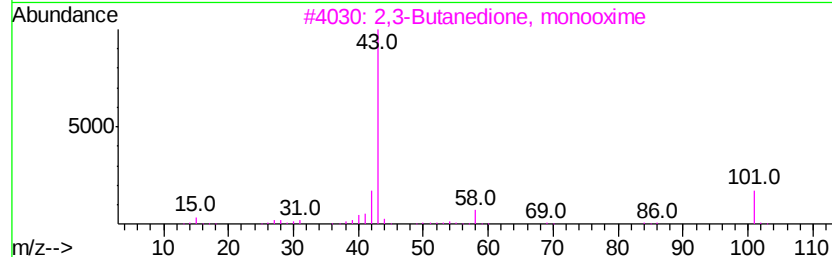
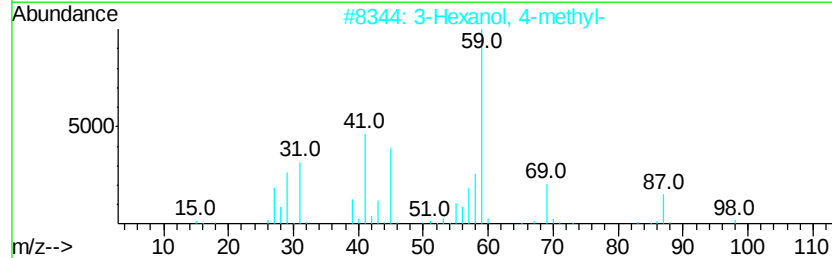
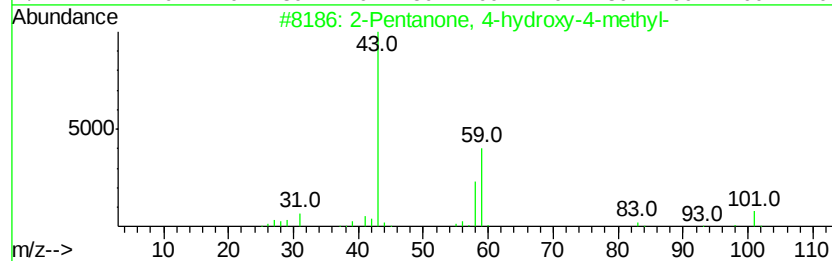
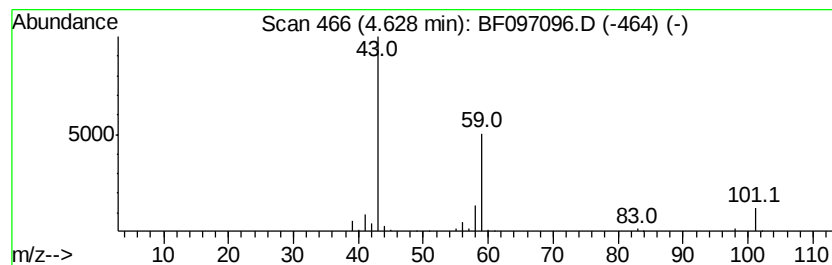
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	8.13 ng	250658	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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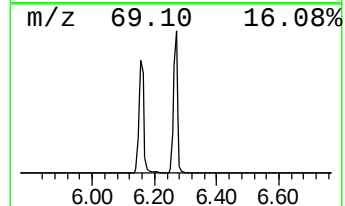
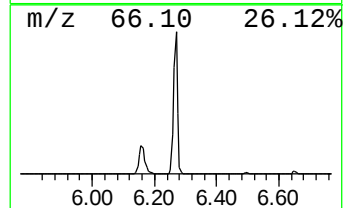
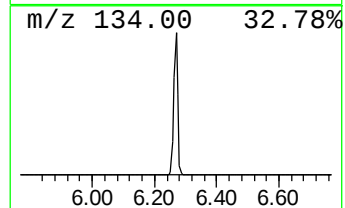
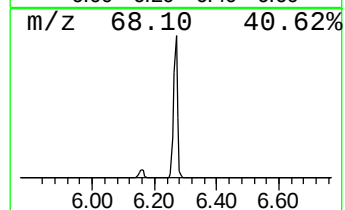
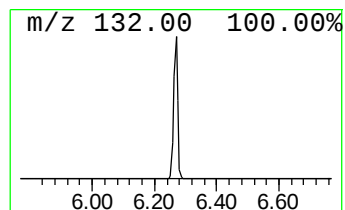
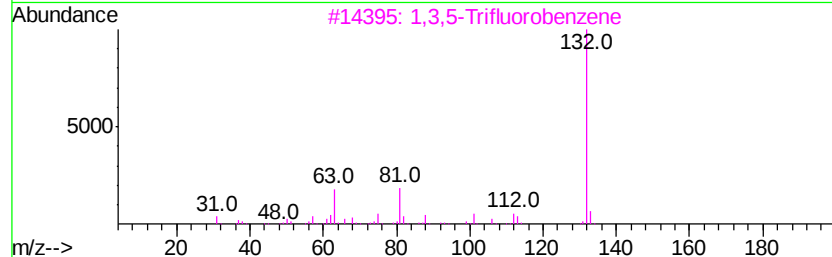
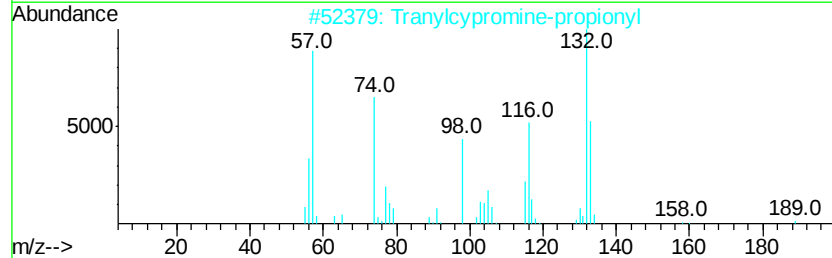
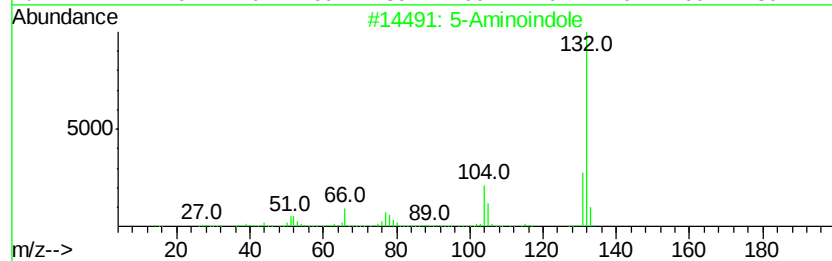
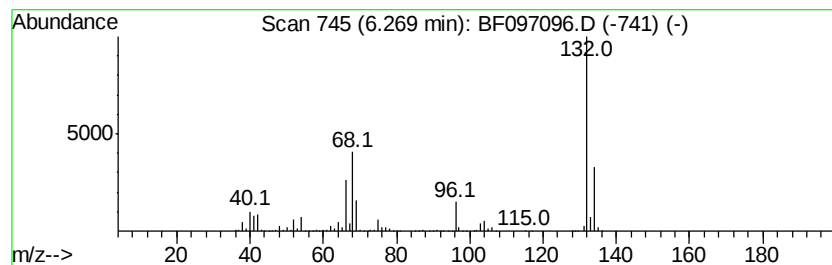
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	69.13 ng	2130780	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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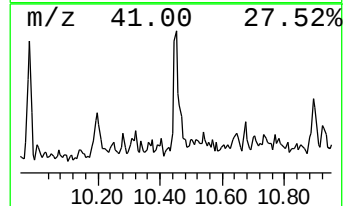
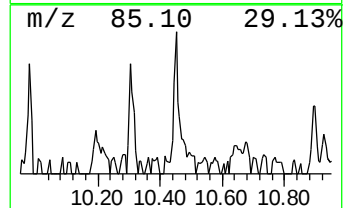
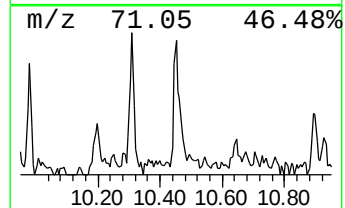
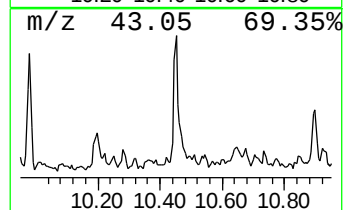
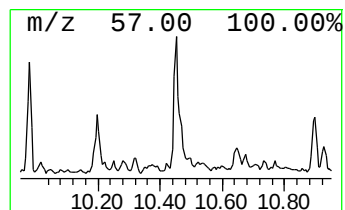
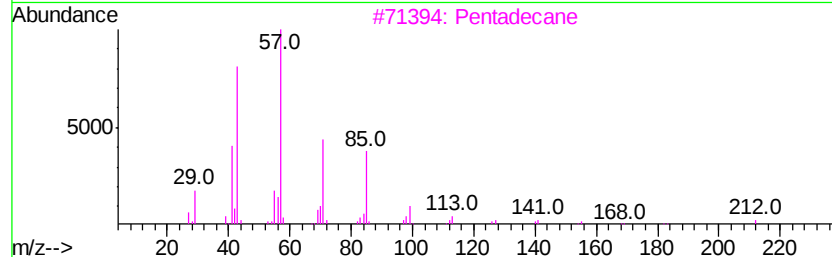
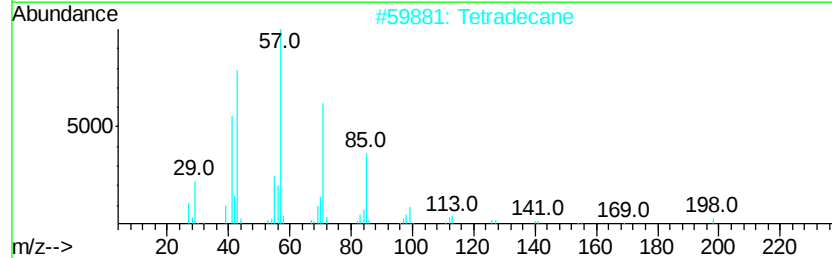
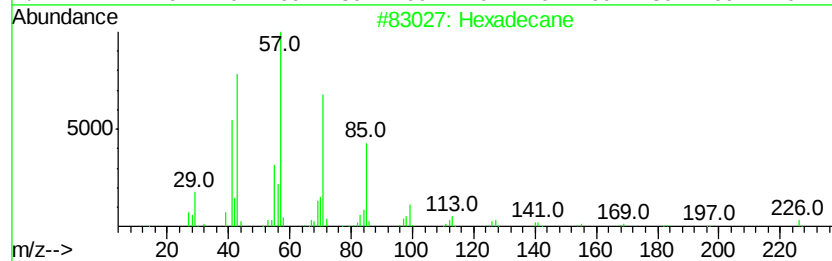
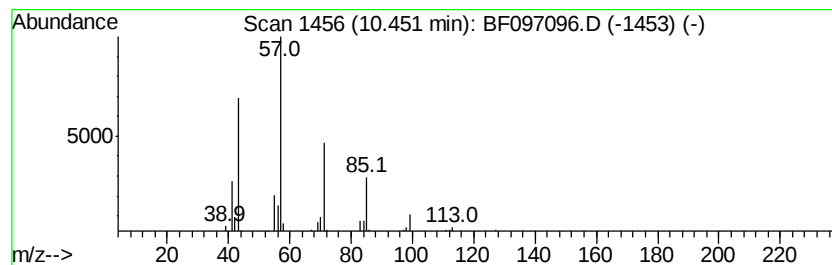
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.41 ng	61375	Phenanthrene-d10	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Tetradecane		198	C14H30	000629-59-4	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Tridecane		184	C13H28	000629-50-5	72
5	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	64



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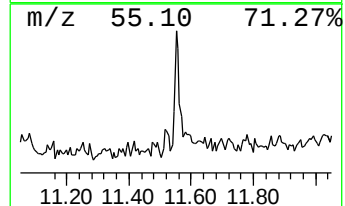
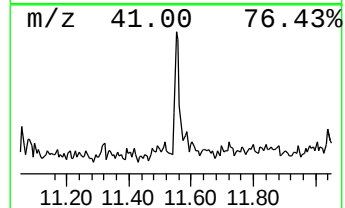
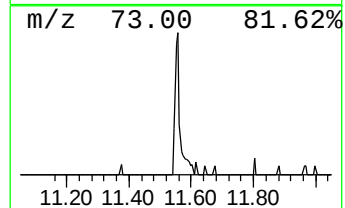
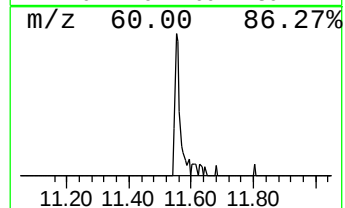
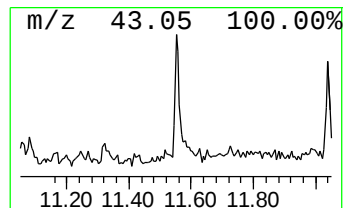
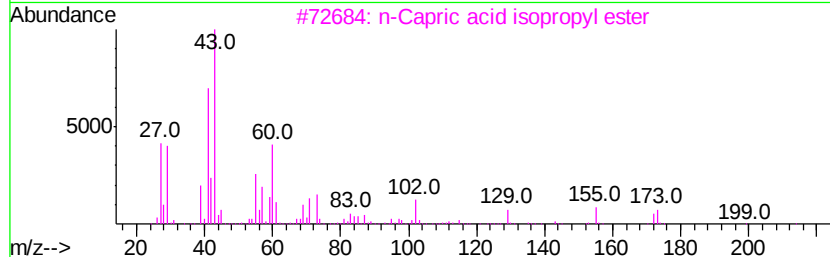
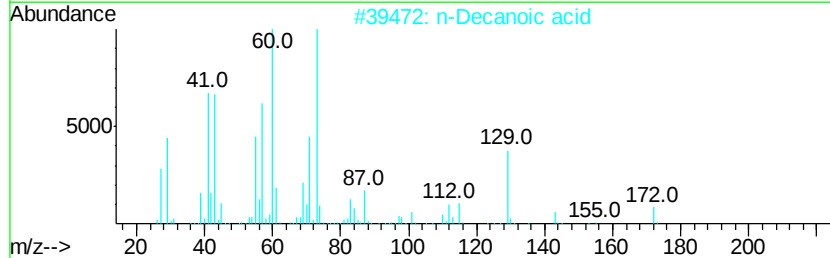
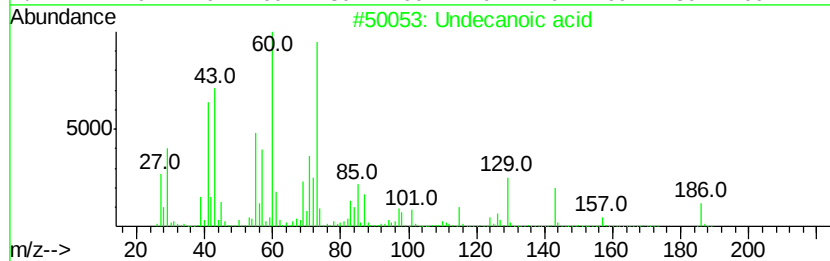
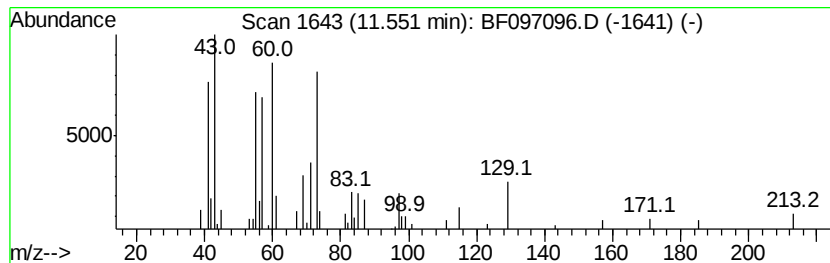
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.30 ng	58749	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	59
2		n-Decanoic acid	172	C10H20O2	000334-48-5	50
3		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	47
4		Octane, 1-(ethenylthio)-	172	C10H20S	042779-08-8	32
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	27



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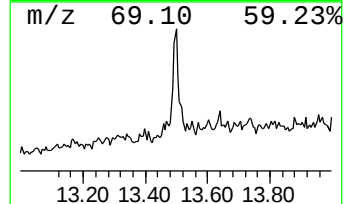
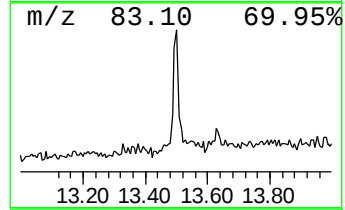
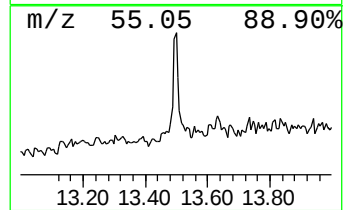
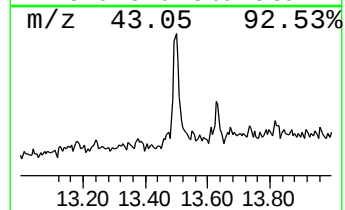
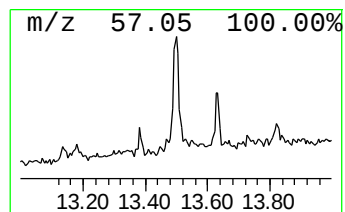
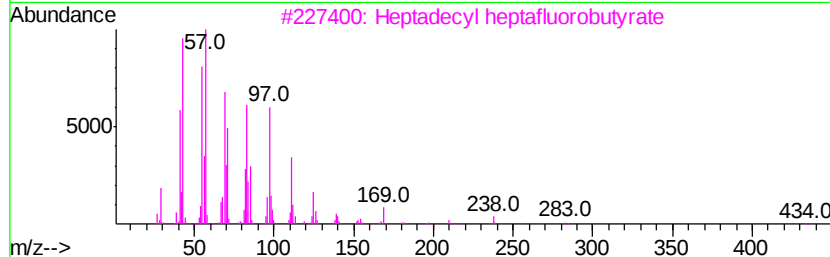
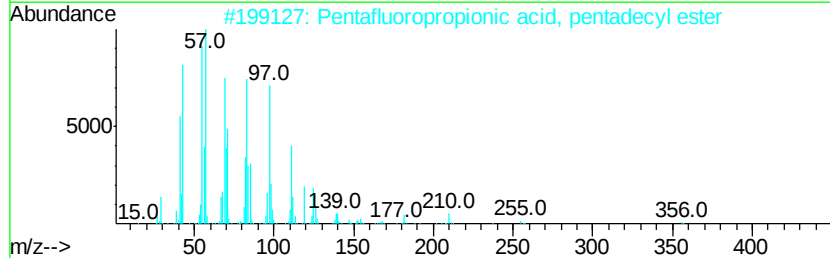
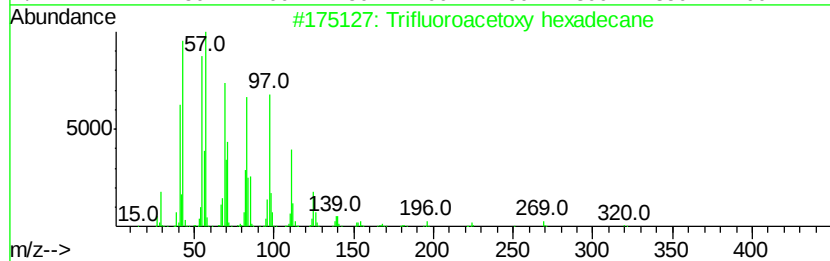
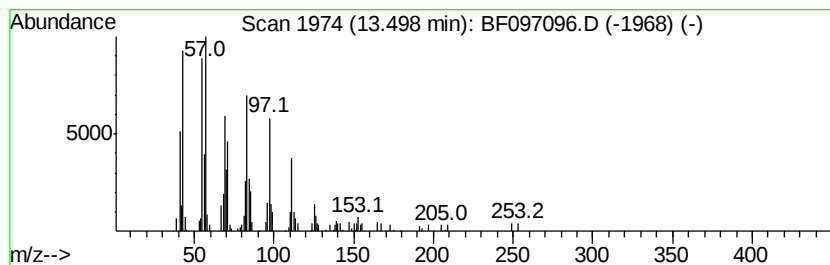
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.50	4.01 ng	137345	Chrysene-d12	13.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	95
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3		Heptadecvl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097096.D
Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
Sample : I4359-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

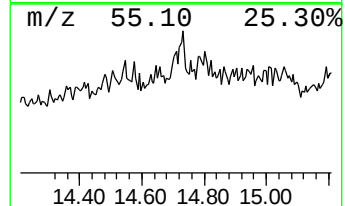
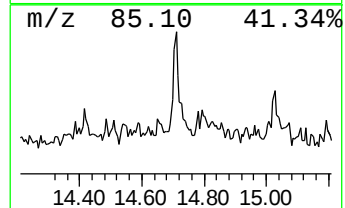
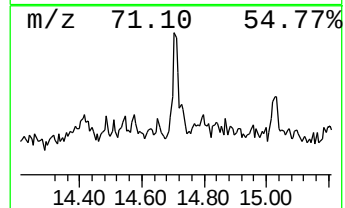
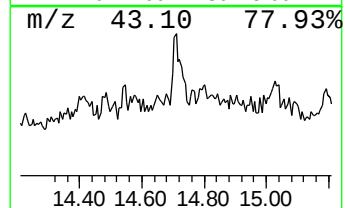
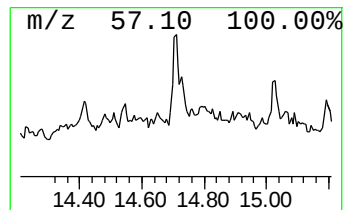
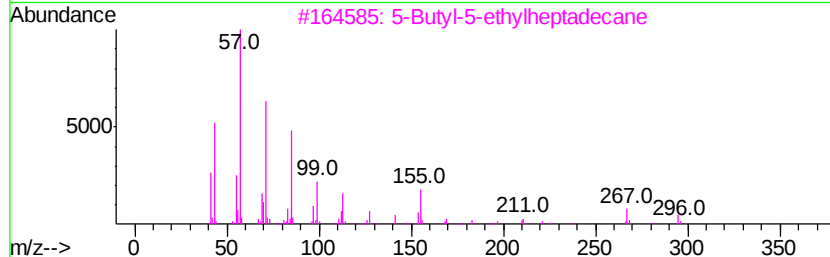
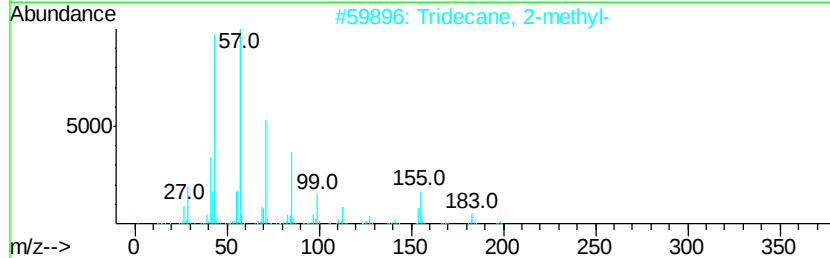
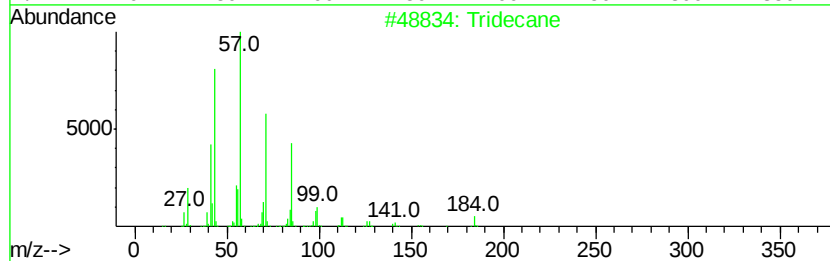
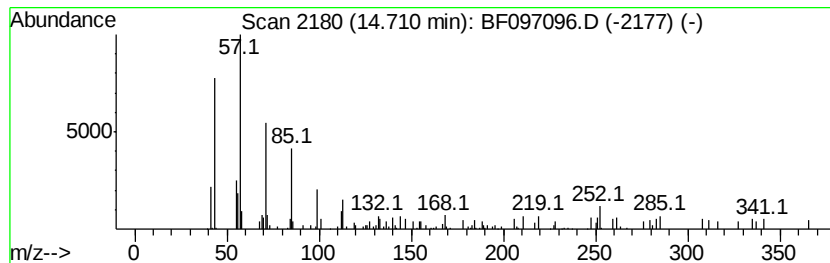
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.66 ng	51571	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	58
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	53
3		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	53
4		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	50
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
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Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
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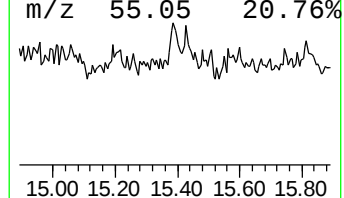
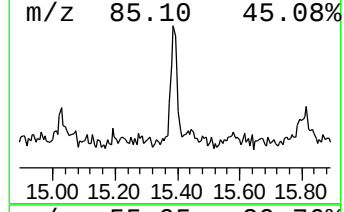
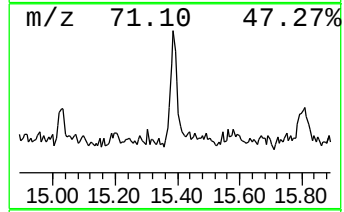
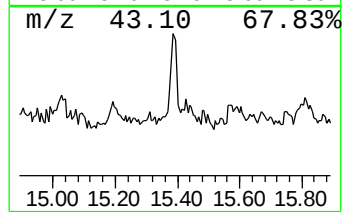
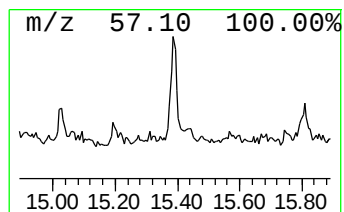
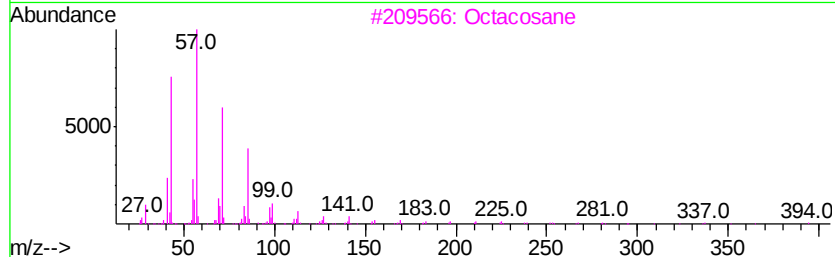
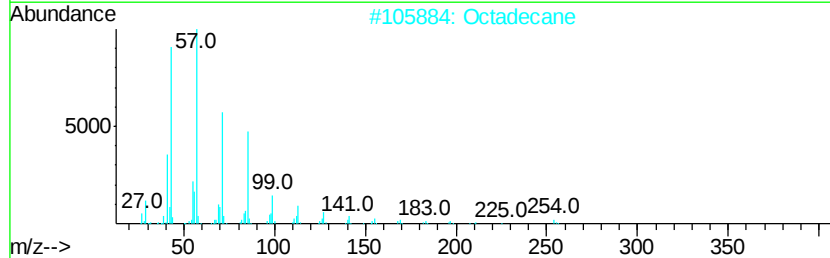
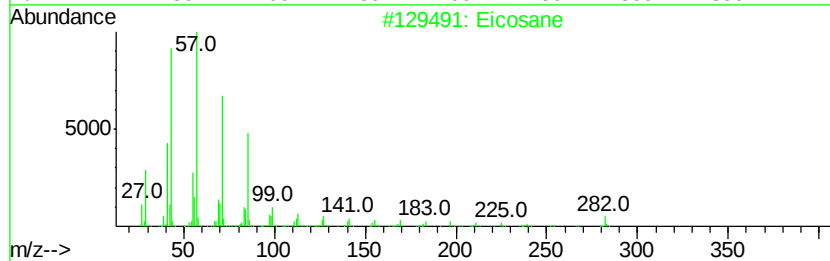
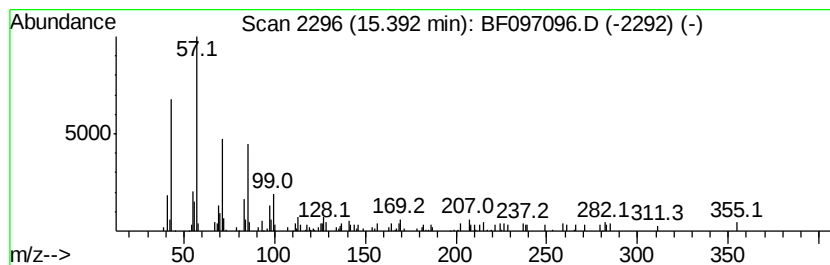
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.44 ng	86136	Perylene-d12	14.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	89
2	Octadecane	254 C18H38	000593-45-3	89
3	Octacosane	394 C28H58	000630-02-4	74
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72
5	Tetracosane	338 C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097096.D
Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
Sample : I4359-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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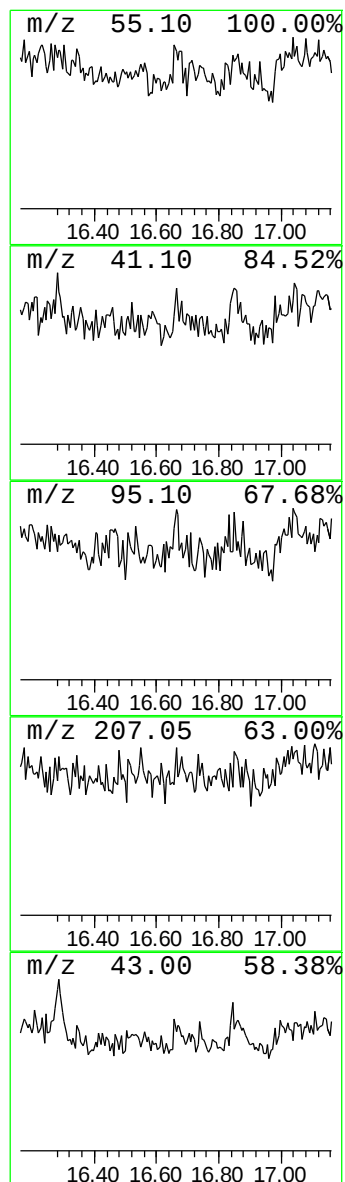
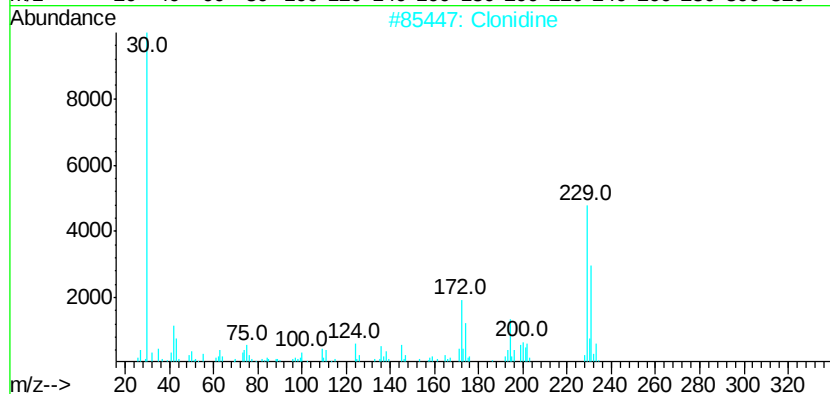
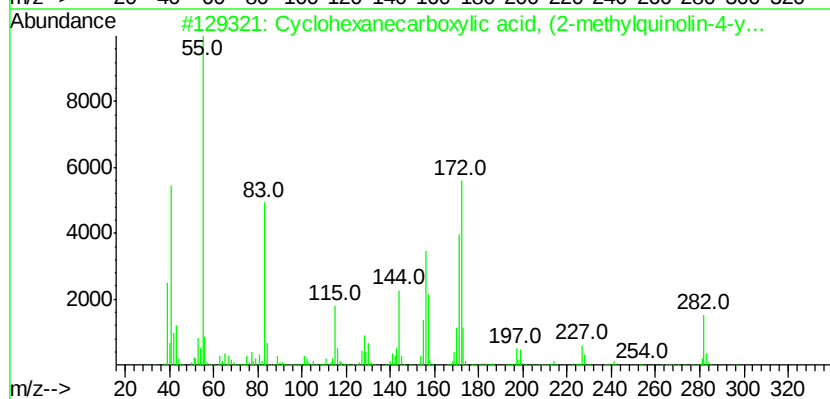
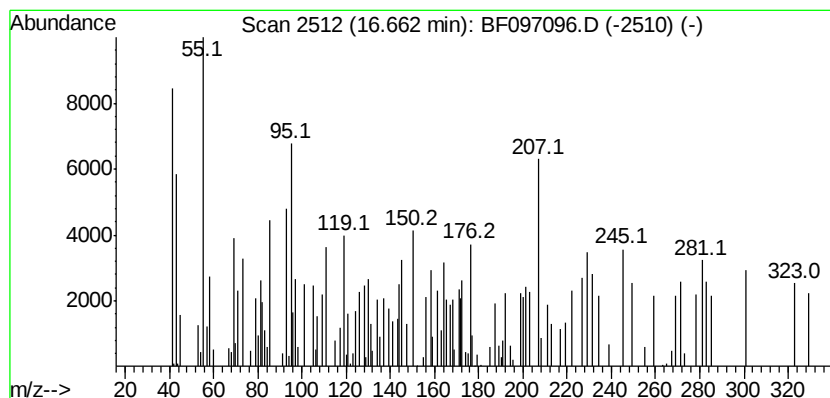
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.89 ng	56038	Perylene-d12	14.97

Hit# of	2	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanecarboxylic acid, (2-m...	282	C18H22N2O	1000311-14-3	9
2		Clonidine	229	C9H9Cl2N3	004205-90-7	1



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097096.D
Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
Sample : I4359-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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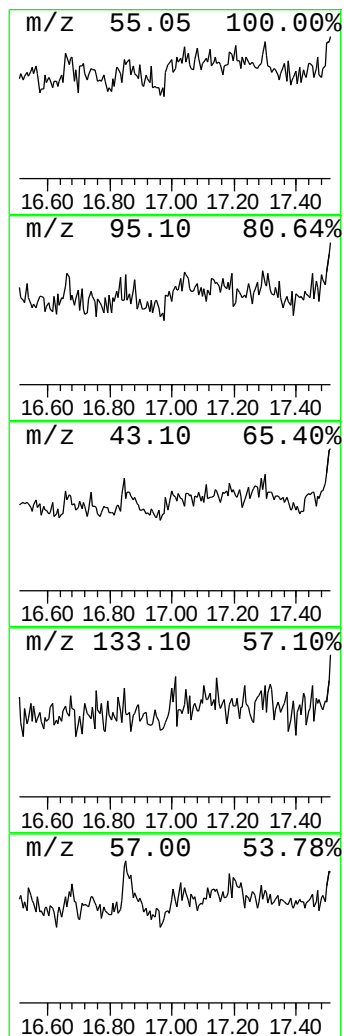
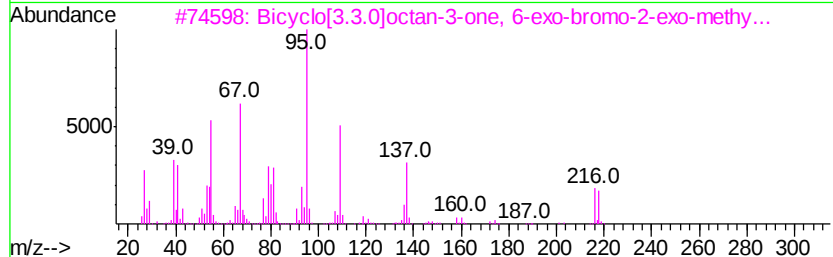
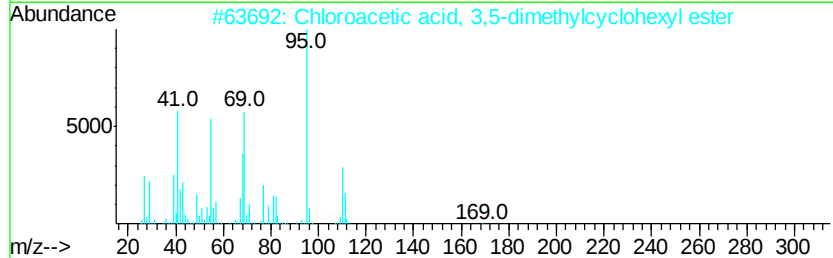
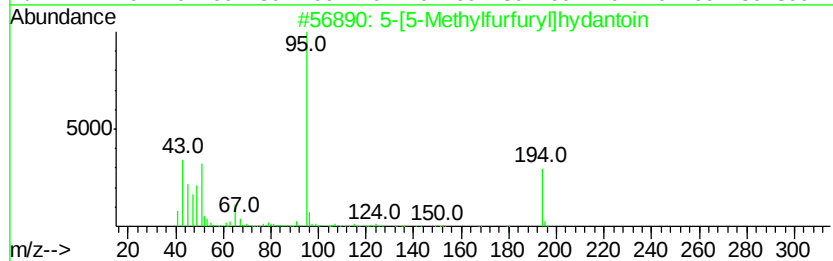
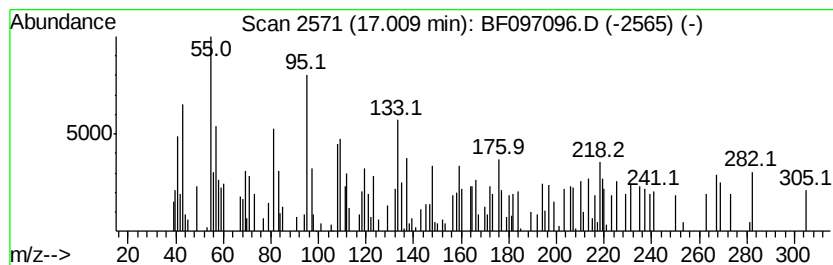
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.15 ng	61173	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5		[5-Methylfurfuryl]hydantoin	194	C9H10N2O3	1000214-71-2	23
2			Chloroacetic acid, 3,5-dimethylc...	204	C10H17ClO2	1000279-99-7	23
3			Bicyclo[3.3.0]octan-3-one, 6-exo...	216	C9H13BrO	1000149-28-6	10
4			.beta.-Alanine, N-(2-furoyl)-, i...	267	C14H21NO4	1000321-97-6	10
5			5-Methyl-2(2-oxo-4-heptyl)furan	194	C12H18O2	100520-26-1	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097096.D
Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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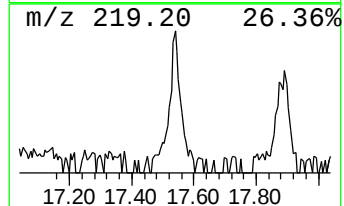
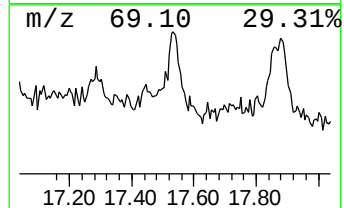
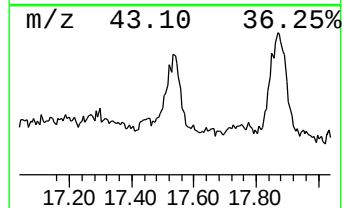
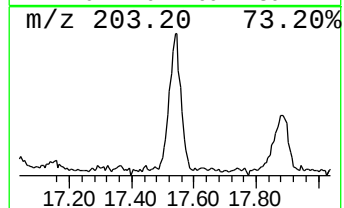
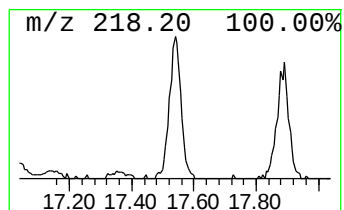
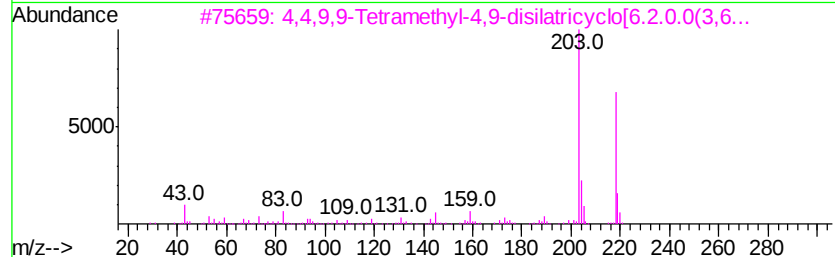
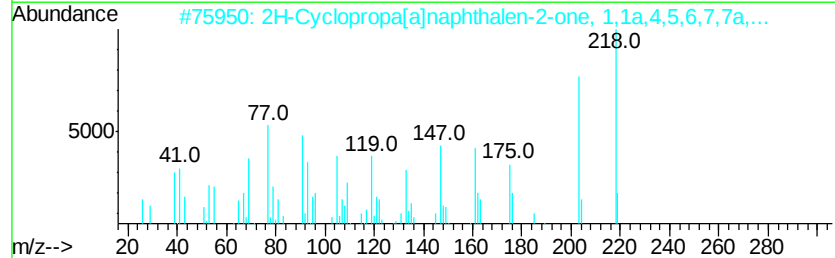
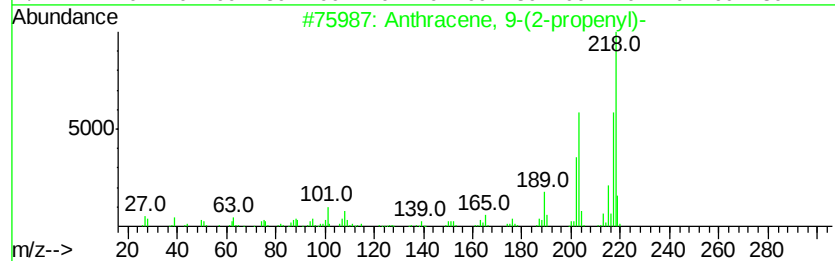
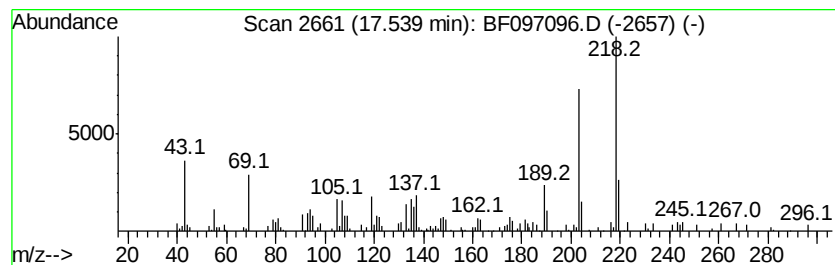
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	17.43 ng	338325	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	72
2		2H-Cyclopropa[alnaphthalen-2-one...	218	C15H22O	006831-17-0	64
3		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	53
4		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	38
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
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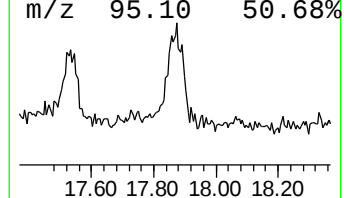
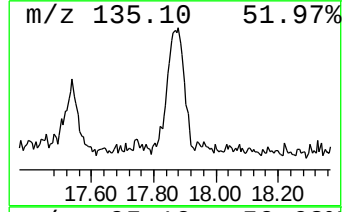
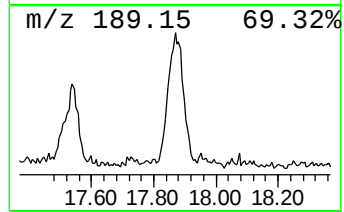
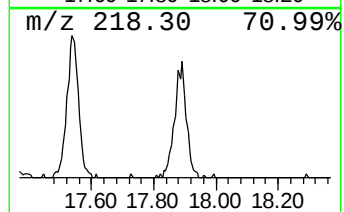
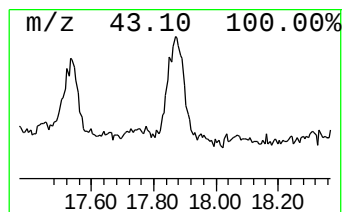
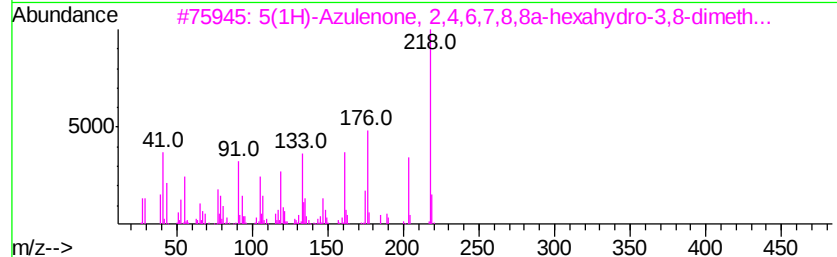
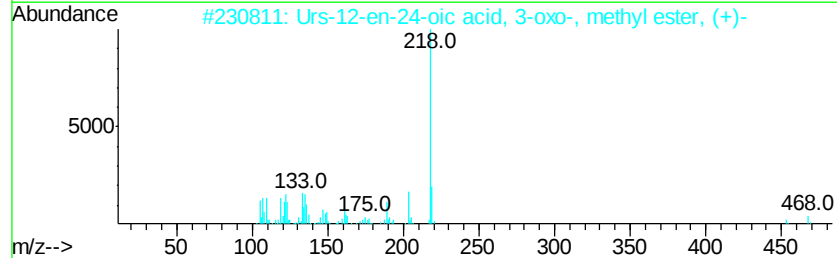
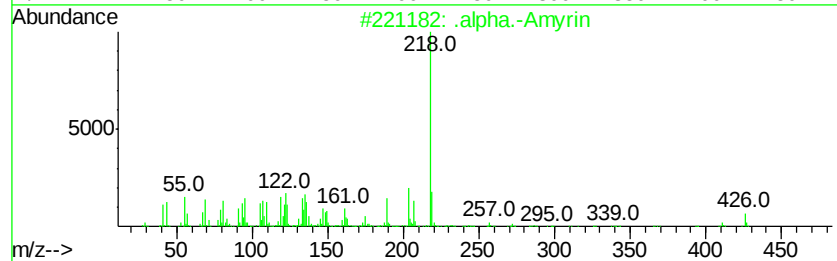
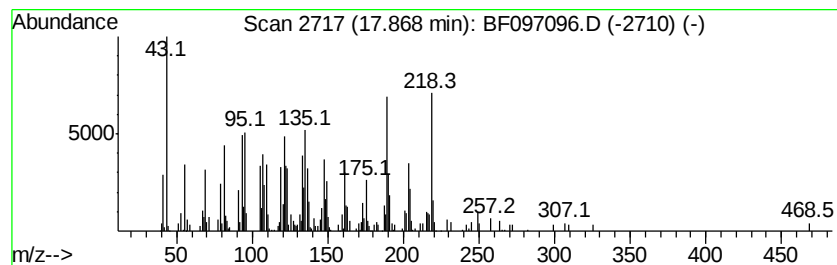
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 .alpha.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	32.83 ng	637506	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Amyrin	426	C30H50O	000638-95-9	86
2		Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	80
3		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	49
4		(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	46
5		1-Hydroxypyrene	218	C16H10O	005315-79-7	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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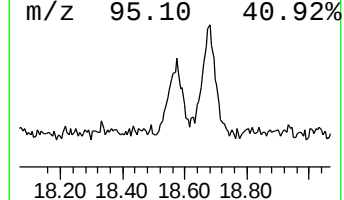
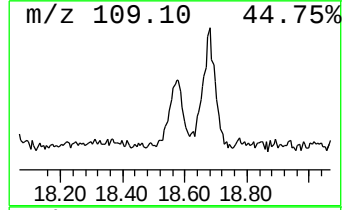
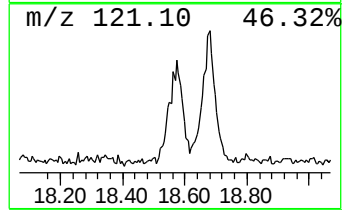
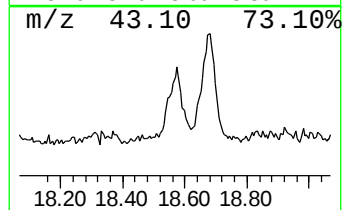
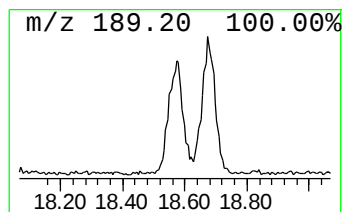
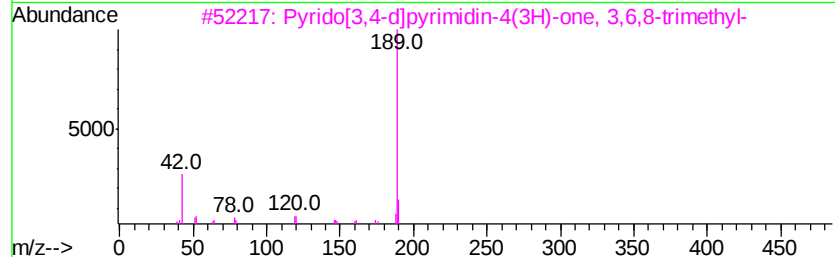
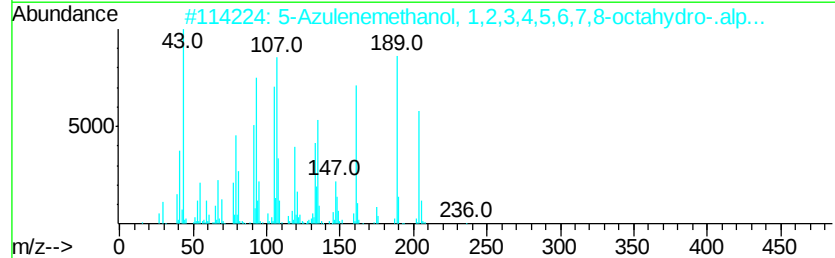
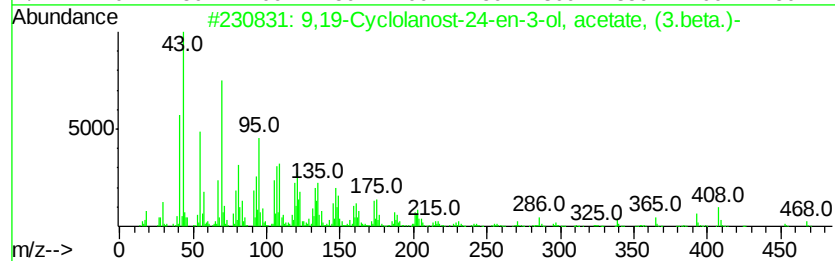
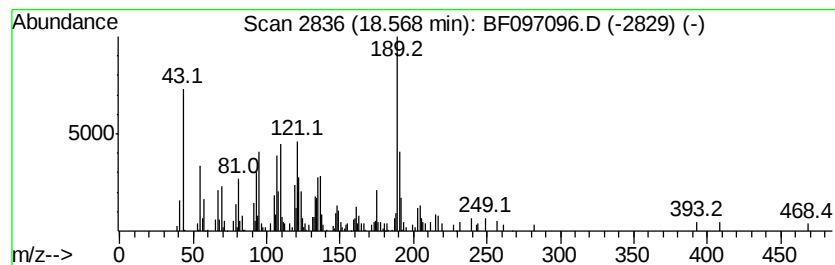
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,19-Cyclolanost-24-en-3-ol... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.57	18.13 ng	351980	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-24-en-3-ol, ace...	468	C32H52O2	001259-10-5	50
2	5-Azulenemethanol, 1,2,3,4,5,6,7...	264	C17H28O2	000134-28-1	38
3	Pvrido[3,4-d]pvrimidin-4(3H)-one...	189	C10H11N3O	022389-79-3	30
4	9-Methyltetracyclo[7.3.1.0(2.7)....	204	C15H24	1000215-30-5	30
5	7-Methoxy-1,2,3-trimethylindole	189	C12H15NO	053918-94-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097096.D
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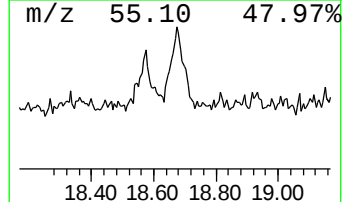
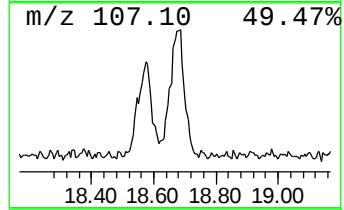
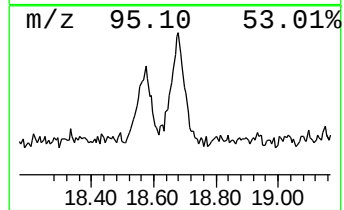
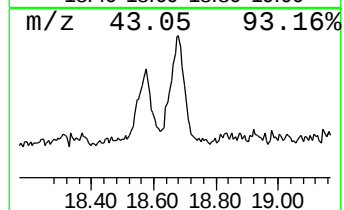
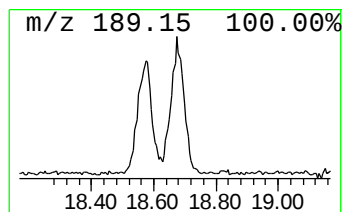
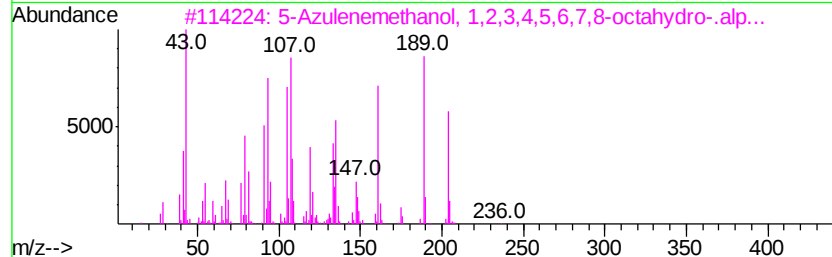
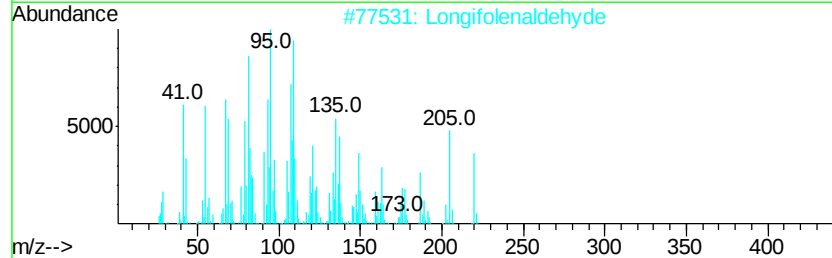
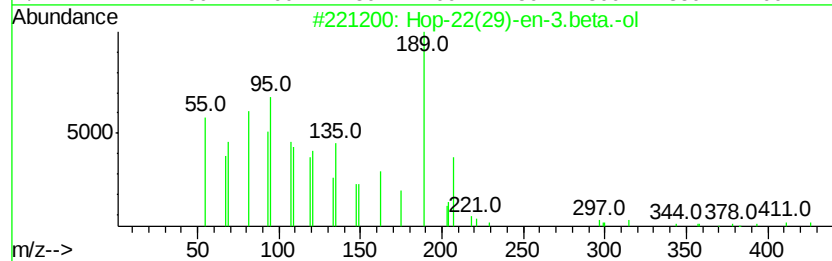
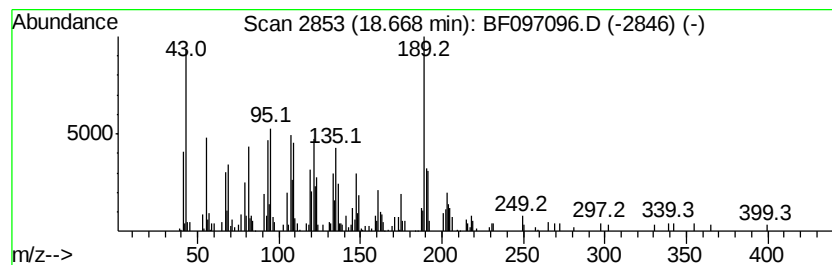
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	34.11 ng	662182	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	47
2			Longifolenaldehyde	220	C15H24O	019890-84-7	41
3			5-Azulenemethanol, 1,2,3,4,5,6,7...	264	C17H28O2	000134-28-1	35
4			1,5-Diazabicyclo[3.1.0]hexane, 6...	190	C11H14N2O	1000337-54-5	25
5			Coumarin, 7-hydroxy-4-methyl-3-p...	218	C13H14O3	019491-93-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097096.D
Acq On : 27 Jul 2017 00:56
Operator : SJ/JU
Sample : I4359-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.63	8.1 ng		250658	1	6.49	616411	20.0
unknown6.27	6.27	69.1 ng		2130780	1	6.49	616411	20.0
Hexadecane	10.45	2.4 ng		61375	4	11.00	509957	20.0
Undecanoic acid	11.55	2.3 ng		58749	4	11.00	509957	20.0
Trifluoroacetoxy ...	13.50	4.0 ng		137345	5	13.62	684824	20.0
Tridecane	14.71	2.7 ng		51571	6	14.97	388319	20.0
Eicosane	15.39	4.4 ng		86136	6	14.97	388319	20.0
unknown16.66	16.66	2.9 ng		56038	6	14.97	388319	20.0
unknown17.01	17.01	3.1 ng		61173	6	14.97	388319	20.0
Anthracene, 9-(2-...	17.54	17.4 ng		338325	6	14.97	388319	20.0
.alpha.-Amyrin	17.87	32.8 ng		637506	6	14.97	388319	20.0
9,19-Cyclolanost-...	18.57	18.1 ng		351980	6	14.97	388319	20.0
unknown18.67	18.67	34.1 ng		662182	6	14.97	388319	20.0