

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084356.D
 Acq On : 10 Jan 2016 11:09
 Operator : SJ/UM
 Sample : H1043-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2S(0-10)

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-BF123115.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	5.047	256	259	268	rVB	1402309	2102197	25.61%	2.807%
2	5.470	294	296	299	rBV	5642318	6942788	84.58%	9.269%
3	6.510	383	387	389	rBV	6869421	8208983	100.00%	10.959%
4	6.624	395	397	400	rBV	5497894	7400403	90.15%	9.880%
5	6.853	415	417	419	rBV	2141057	1720147	20.95%	2.296%
6	7.013	428	431	433	rVB	6297977	5757515	70.14%	7.686%
7	7.424	464	467	469	rBV	4932803	5271940	64.22%	7.038%
8	7.527	475	476	482	rVB	62525	87617	1.07%	0.117%
9	8.144	527	530	532	rBV	2033941	2222538	27.07%	2.967%
10	9.219	621	624	627	rBV	7673208	7365751	89.73%	9.834%
11	9.619	656	659	660	rBV	1079618	1277969	15.57%	1.706%
12	9.825	676	677	681	rBV	185251	278723	3.40%	0.372%
13	9.893	681	683	686	rVB	2760331	2435906	29.67%	3.252%
14	10.065	694	698	701	rBV2	62259	148660	1.81%	0.198%
15	10.305	718	719	720	rBV	65406	87796	1.07%	0.117%
16	10.327	720	721	723	rVB	530061	430574	5.25%	0.575%
17	10.545	737	740	744	rBV	142328	275978	3.36%	0.368%
18	10.682	749	752	755	rVV2	4323830	5072932	61.80%	6.773%
19	10.796	759	762	770	rVB	416881	821630	10.01%	1.097%
20	10.990	777	779	784	rVB2	59560	140714	1.71%	0.188%
21	11.253	800	802	803	rBV	249447	247881	3.02%	0.331%
22	11.276	803	804	808	rVV	83651	97901	1.19%	0.131%
23	11.379	811	813	815	rVV	2767125	2500996	30.47%	3.339%
24	11.448	816	819	822	rVB2	56729	113981	1.39%	0.152%
25	11.596	830	832	837	rBV2	57984	90640	1.10%	0.121%
26	11.676	837	839	841	rBV	108746	89684	1.09%	0.120%
27	12.591	916	919	921	rBV	109758	130111	1.58%	0.174%
28	12.796	934	937	940	rBV3	127522	289713	3.53%	0.387%
29	12.853	940	942	949	rVV	320270	438831	5.35%	0.586%
30	12.968	949	952	955	rVV	6889026	6943781	84.59%	9.270%
31	13.493	997	998	1000	rBV	95893	93035	1.13%	0.124%
32	13.871	1028	1031	1040	rBV	613681	1049809	12.79%	1.402%
33	14.008	1040	1043	1046	rBV2	1831062	2434378	29.66%	3.250%
34	14.511	1084	1087	1092	rBV6	35412	121076	1.47%	0.162%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.865	1116	1118	1121	rVB	77513	86860	1.06%	0.116%
36	15.025	1130	1132	1137	rVB	44600	94210	1.15%	0.126%
37	15.379	1161	1163	1166	rBV2	32199	84533	1.03%	0.113%
38	15.437	1166	1168	1171	rBV	980740	1302537	15.87%	1.739%
39	15.951	1211	1213	1223	rVB6	47639	160564	1.96%	0.214%
40	16.945	1297	1300	1305	rBV	39437	85682	1.04%	0.114%
41	17.608	1355	1358	1366	rVB2	53211	135743	1.65%	0.181%
42	18.408	1423	1428	1434	rVB2	40236	127815	1.56%	0.171%
43	19.345	1505	1510	1517	rVB3	36095	133960	1.63%	0.179%

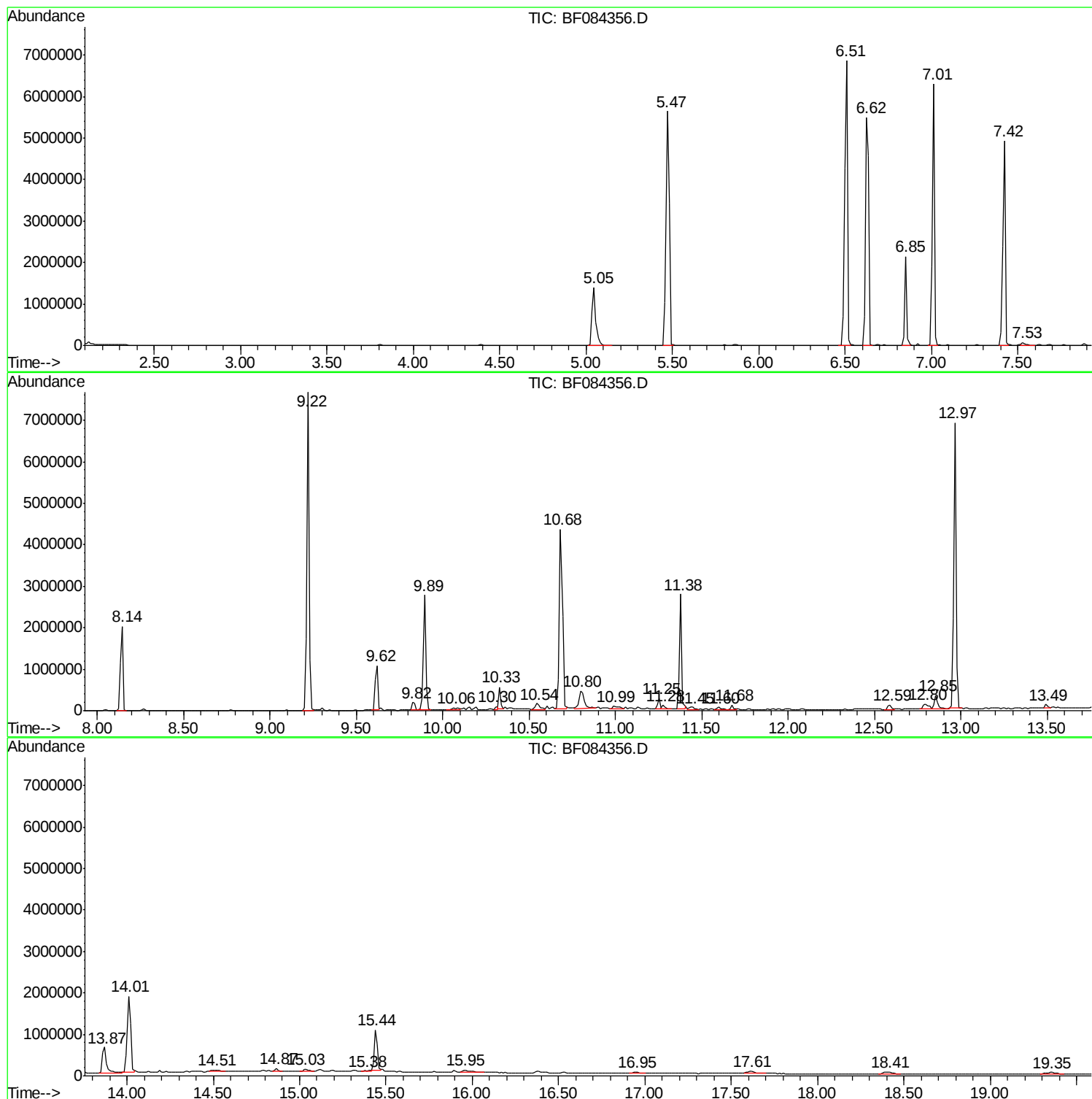
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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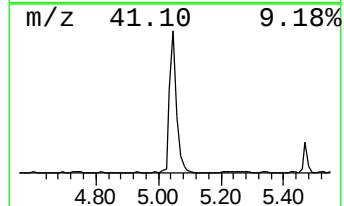
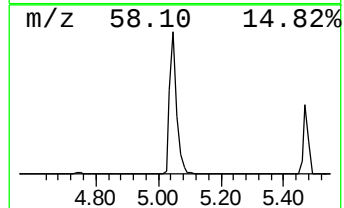
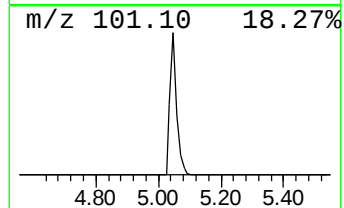
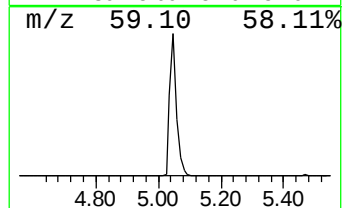
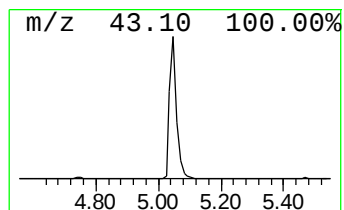
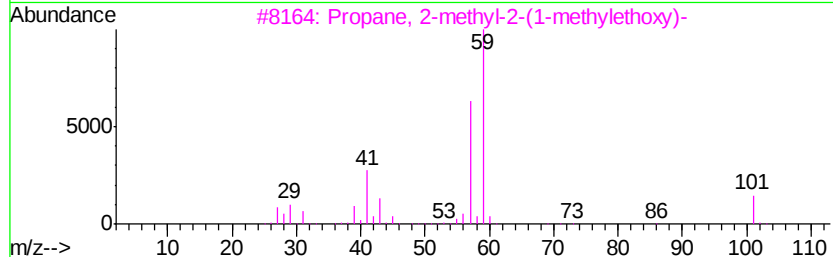
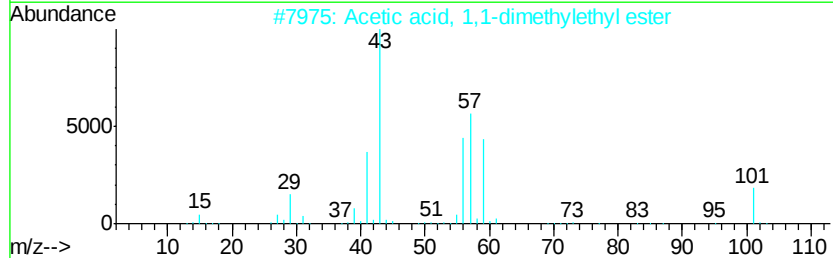
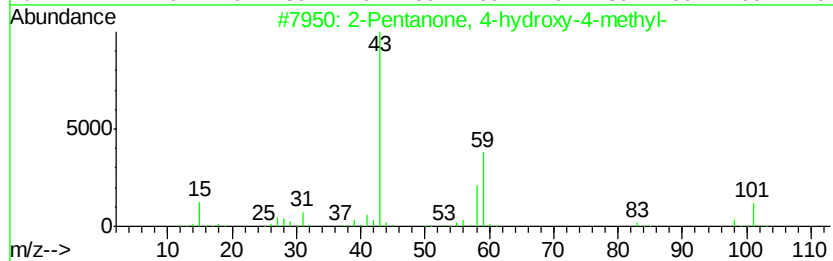
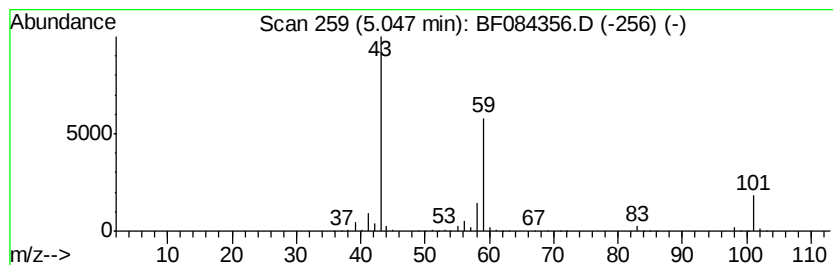
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	24.44 ng	2102200	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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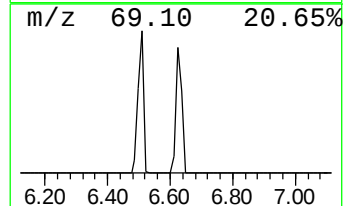
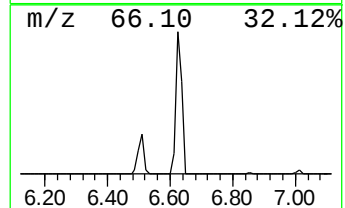
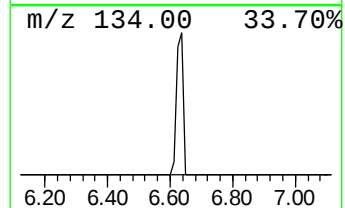
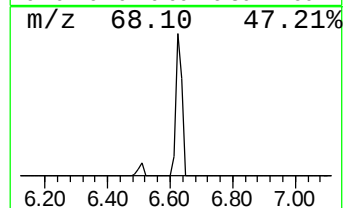
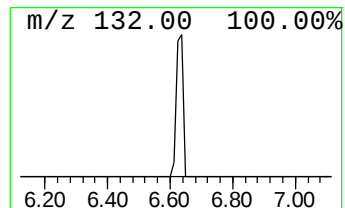
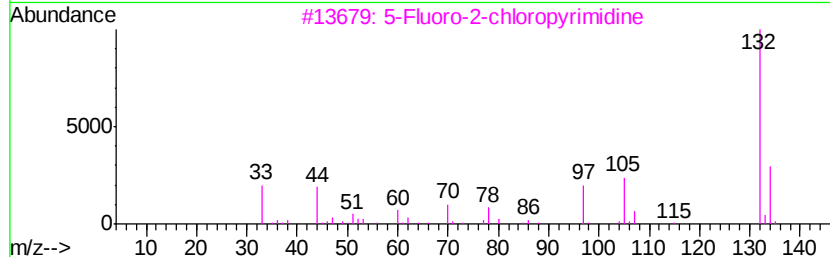
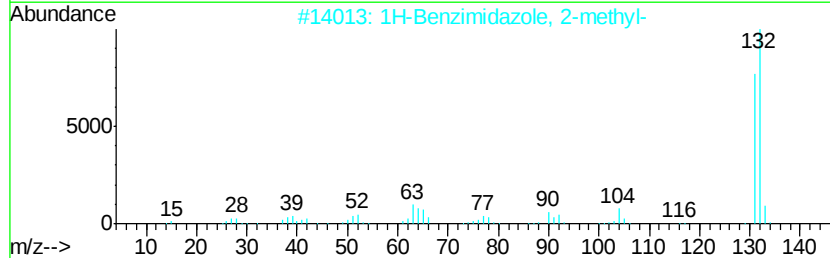
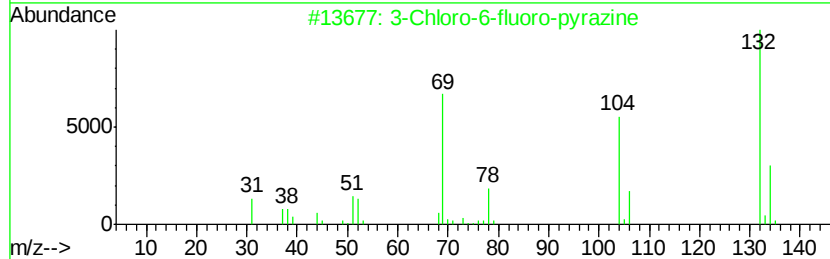
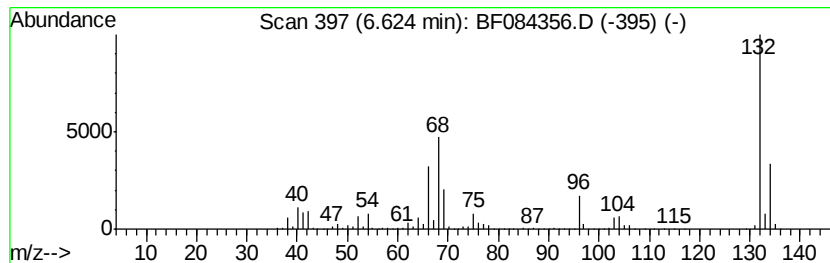
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Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	86.04 ng	7400400	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5			1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9



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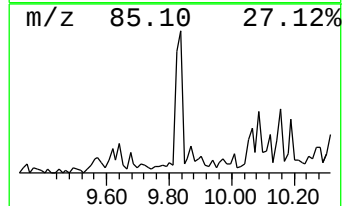
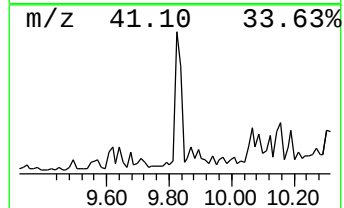
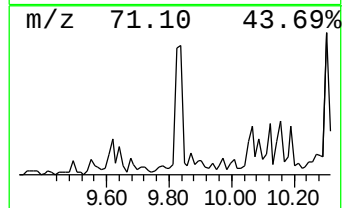
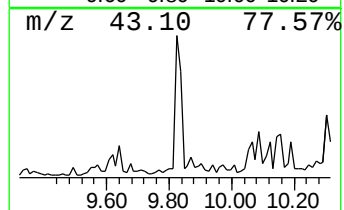
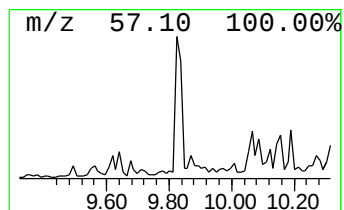
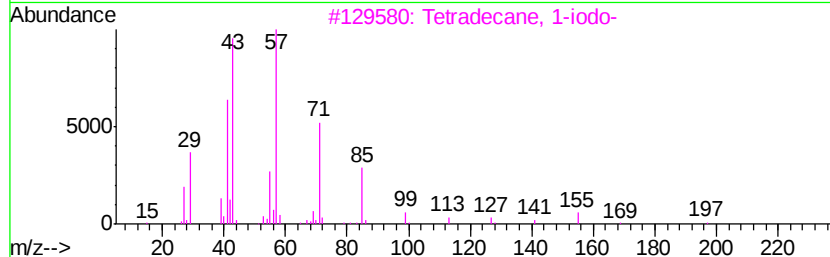
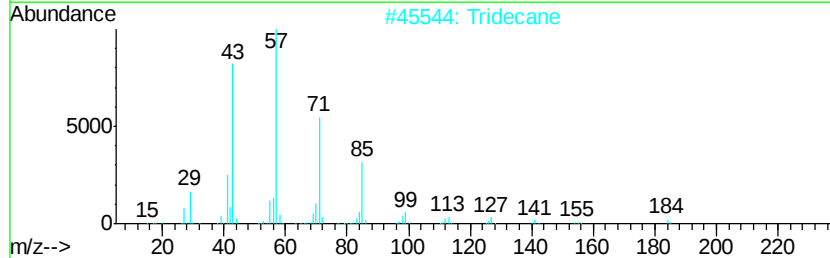
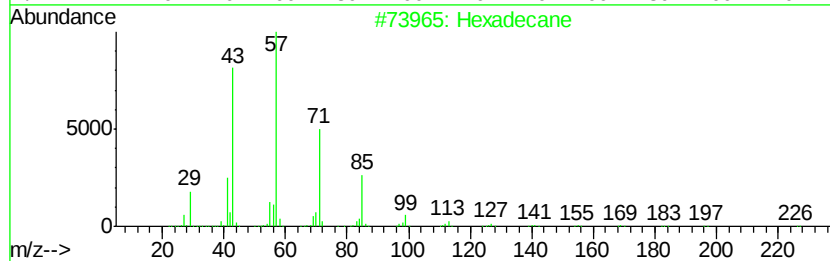
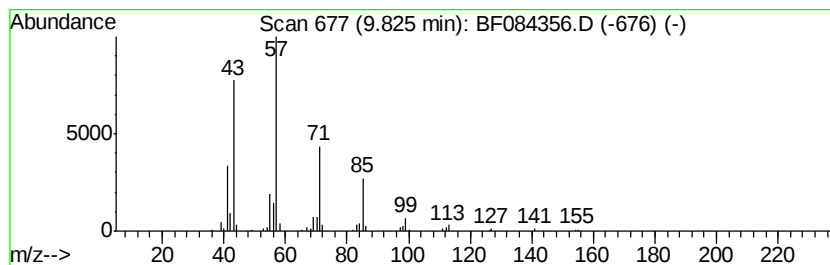
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.29 ng	278723	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



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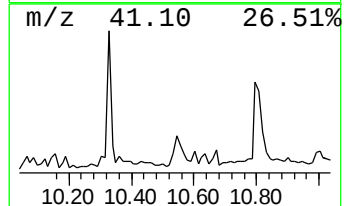
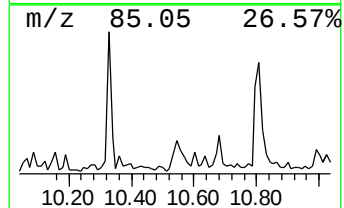
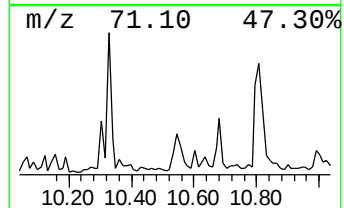
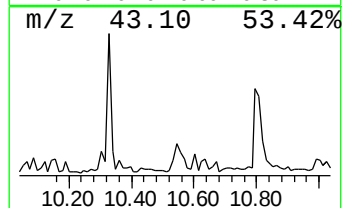
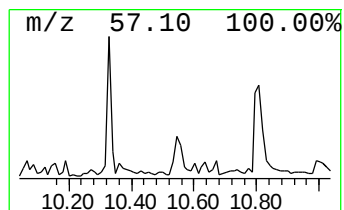
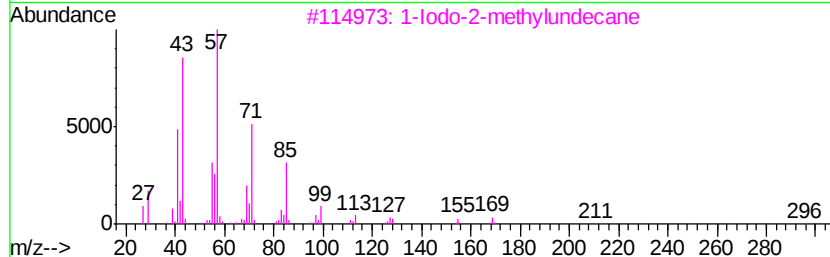
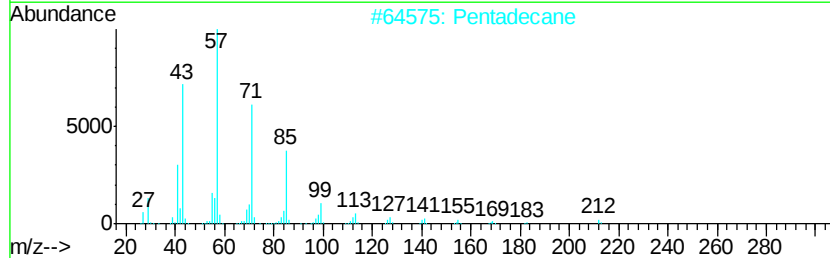
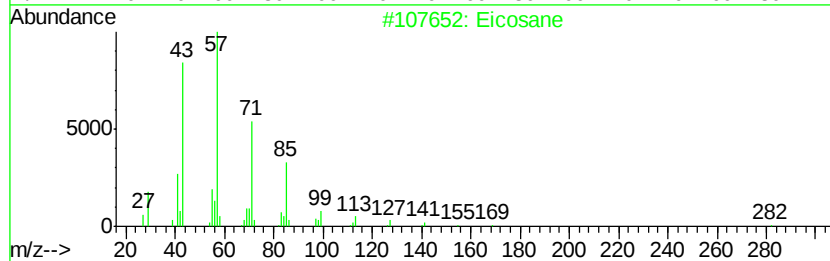
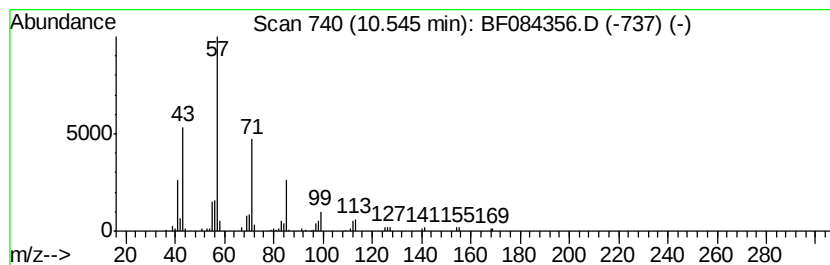
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.27 ng	275978	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	80
2	Pentadecane	212 C15H32	000629-62-9	80
3	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	80
4	Heptacosane	380 C27H56	000593-49-7	80
5	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	72



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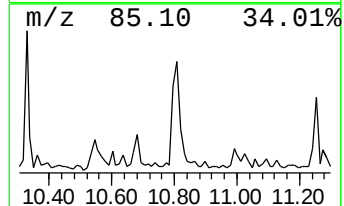
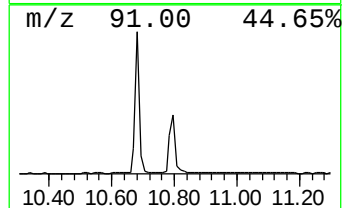
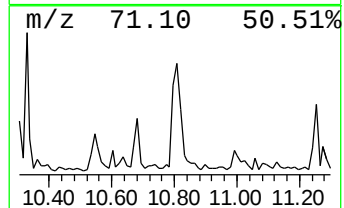
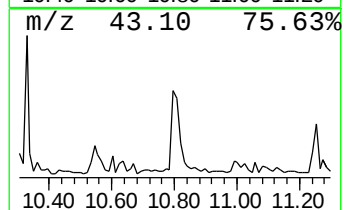
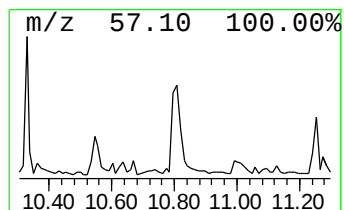
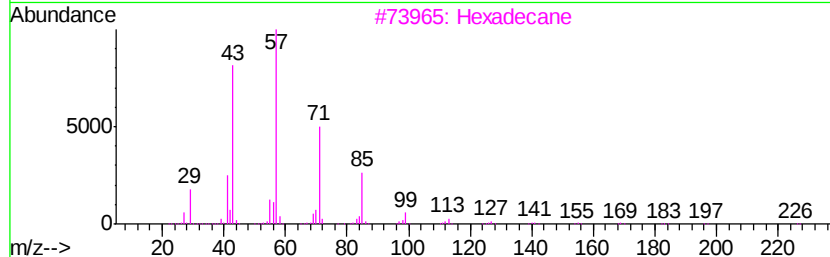
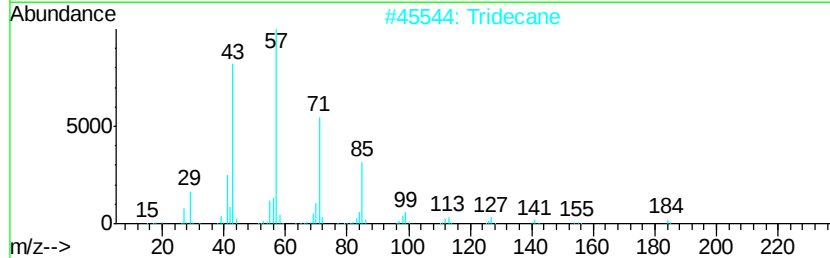
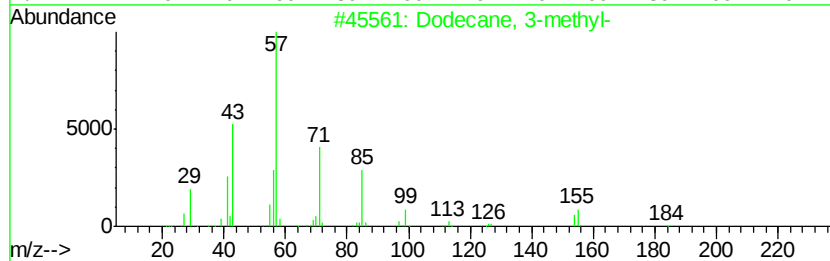
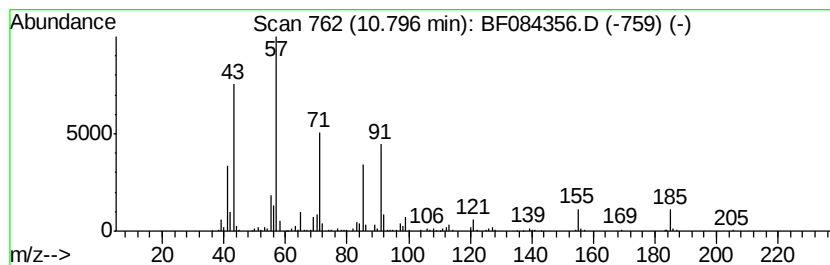
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	6.57 ng	821630	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Tridecane	184	C13H28	000629-50-5	68
3	Hexadecane	226	C16H34	000544-76-3	68
4	Decane, 3-methyl-	156	C11H24	013151-34-3	62
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084356.D
Acq On : 10 Jan 2016 11:09
Operator : SJ/UM
Sample : H1043-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

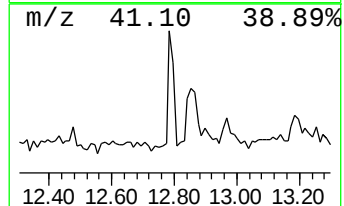
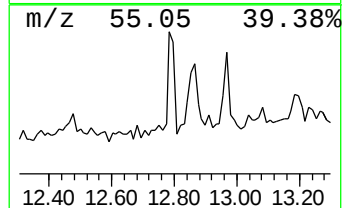
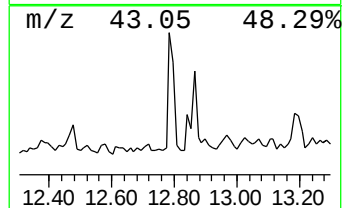
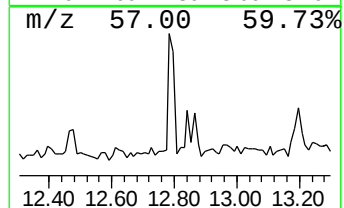
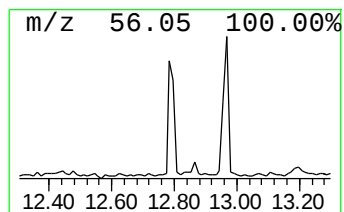
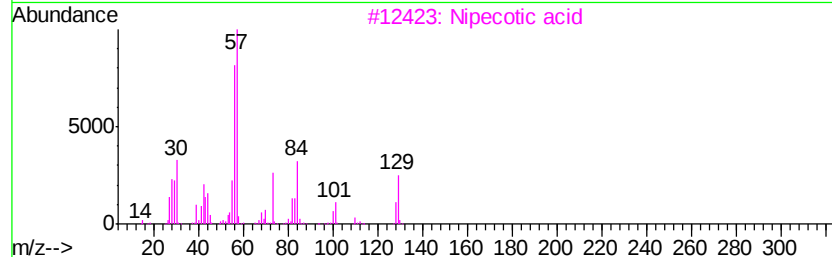
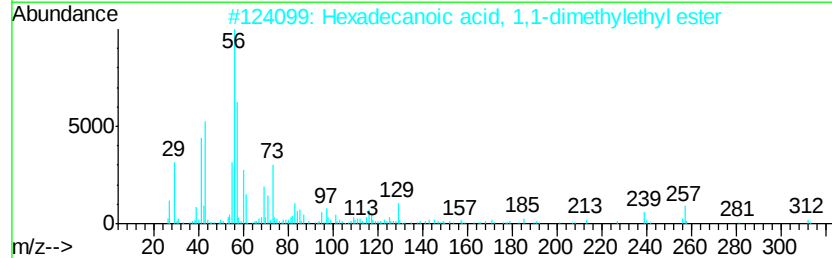
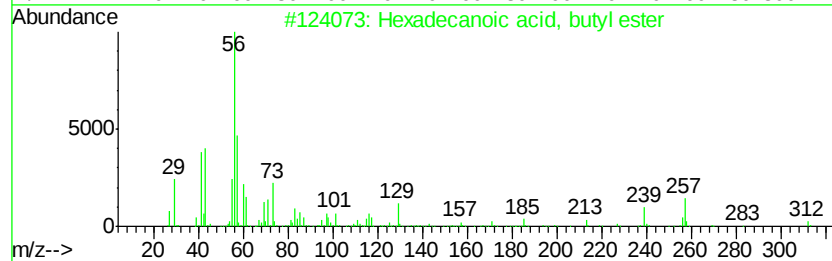
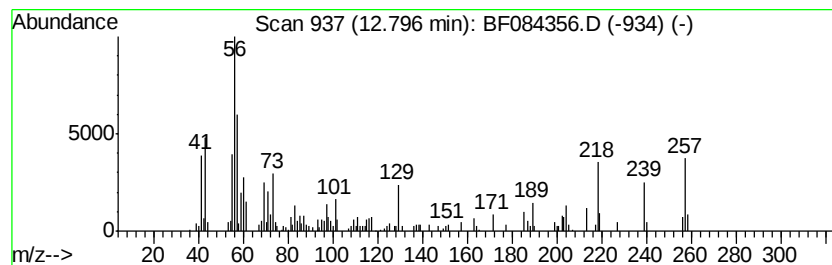
Instrument :
BNA_F
ClientSampleId :
SB-2S(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.80	2.38 ng	289713	Chrysene-d12	14.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	52	
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49	
3	Nipecotic acid	129	C6H11NO2	000498-95-3	32	
4	1-Piperidinylloxv, 4-(hydroxvimin...	185	C9H17N2O2	003229-75-2	30	
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	25	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084356.D
Acq On : 10 Jan 2016 11:09
Operator : SJ/UM
Sample : H1043-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2S(0-10)

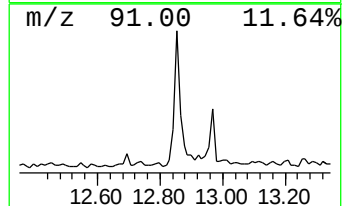
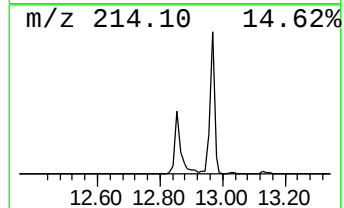
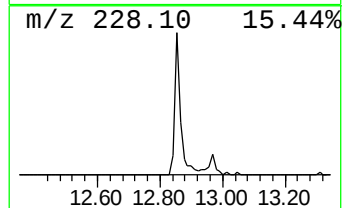
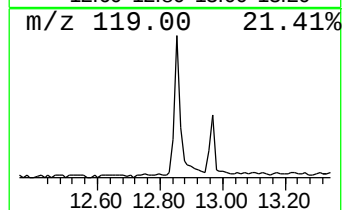
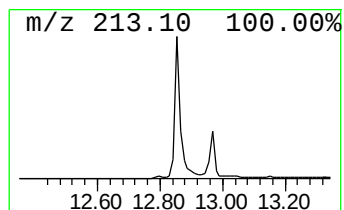
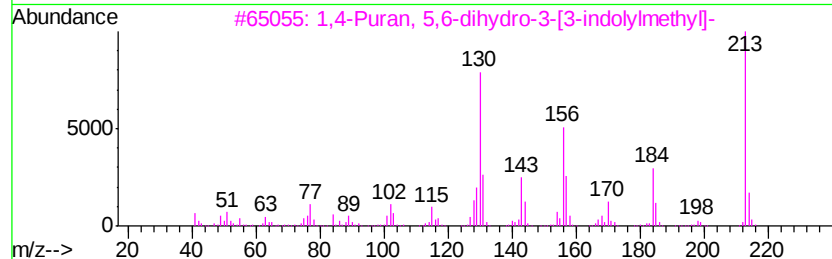
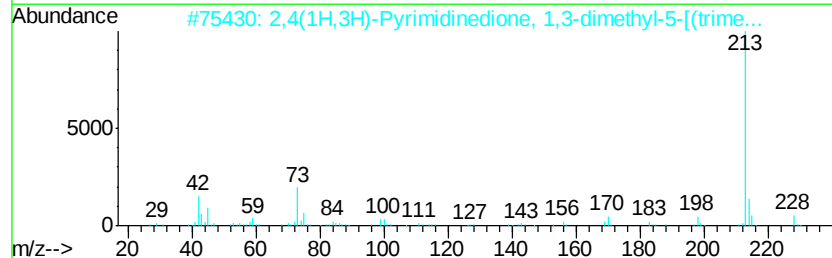
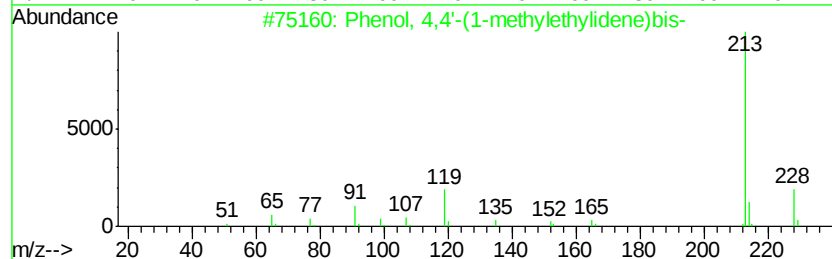
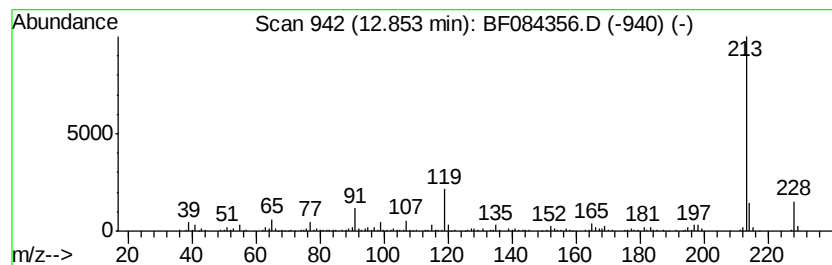
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.61 ng	438831	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	98
2		2,4(1H,3H)-Pyrimidinedione, 1,3-dimethyl-5-[(trimethylsilyl)ethynyl]-	228	C9H16N2O3Si	089447-84-7	40
3		1,4-Puran, 5,6-dihydro-3-[3-indolylmethyl]-	213	C14H15NO	1000128-72-9	40
4		As-Indacen-1(2H)-one, 3,6,7,8-tetrahydro-1,2,3,4,5,6,7,8-octahydro-1H-indeno[1,2-b]indole-1-one	228	C16H20O	055591-18-9	38
5		Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
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Acq On : 10 Jan 2016 11:09
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Sample : H1043-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

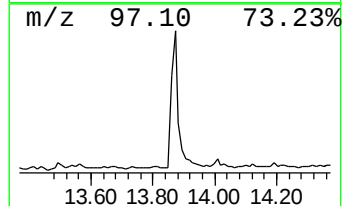
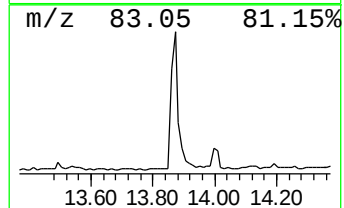
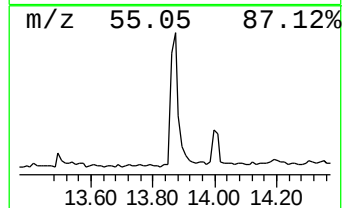
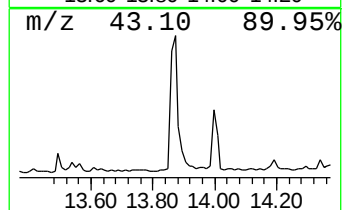
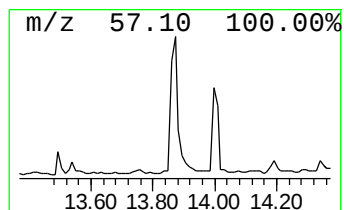
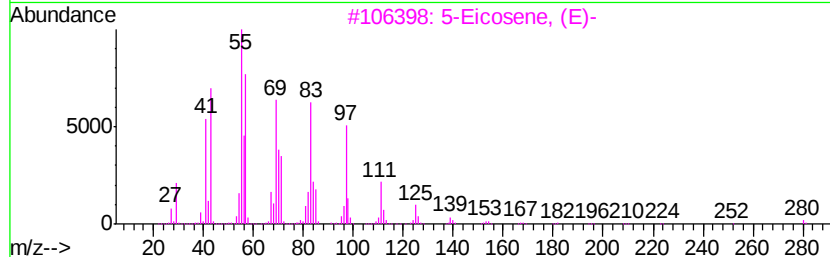
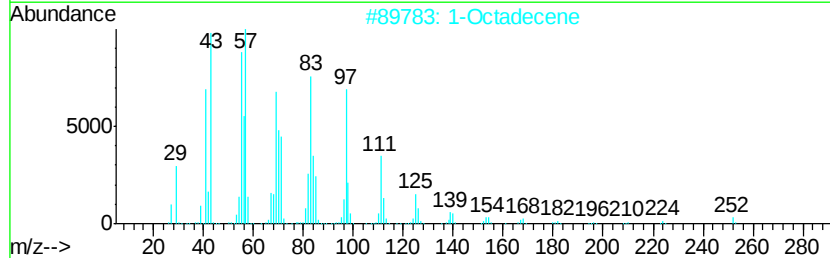
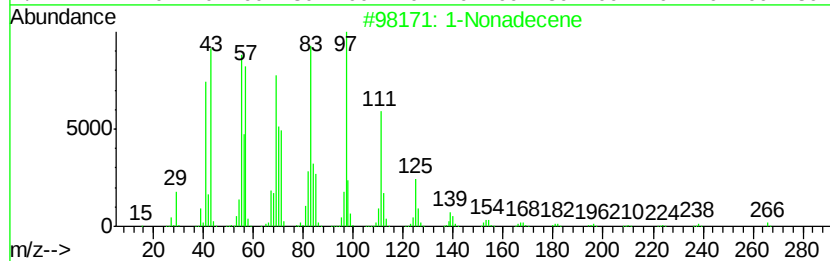
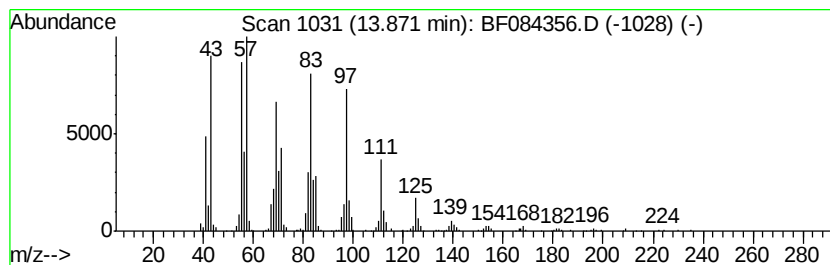
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ClientSampleId :
SB-2S(0-10)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	8.62 ng	1049810	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Octadecene	252	C18H36	000112-88-9	90
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	1-Docosene	308	C22H44	001599-67-3	87
5	11-Tricosene	322	C23H46	052078-56-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084356.D
Acq On : 10 Jan 2016 11:09
Operator : SJ/UM
Sample : H1043-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

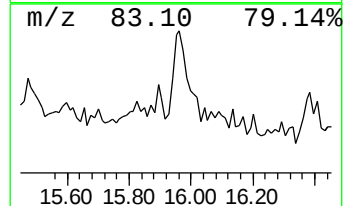
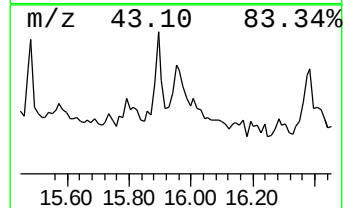
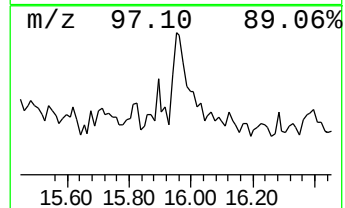
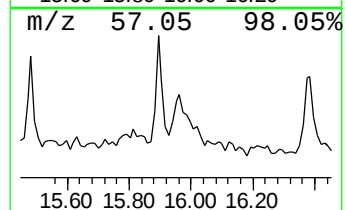
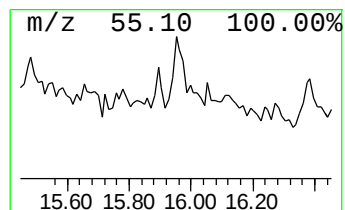
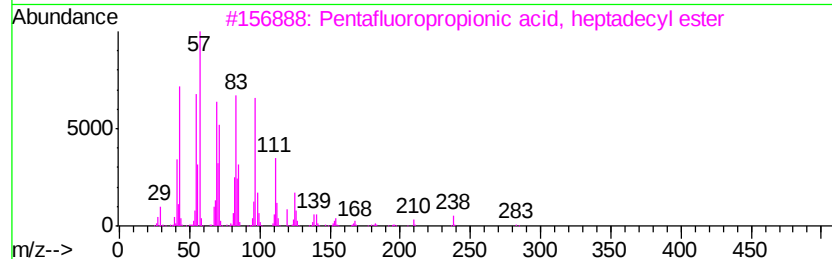
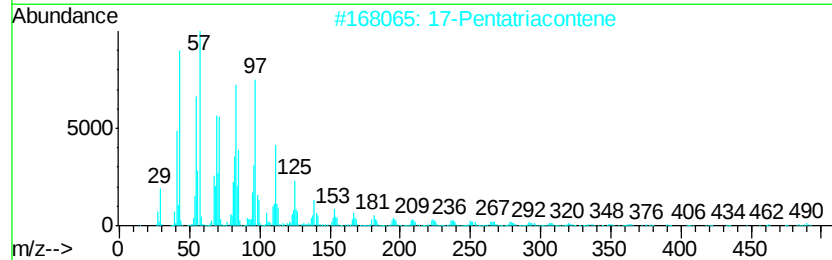
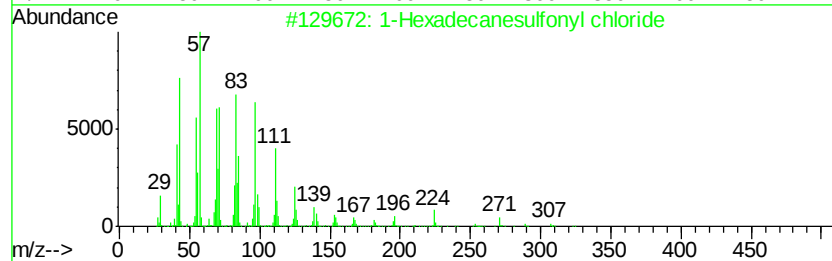
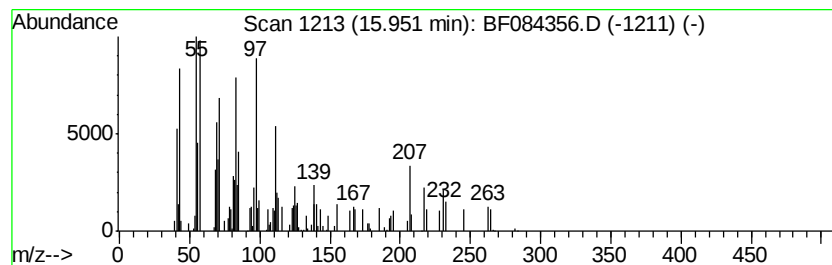
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Hexadecanesulfonyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.95	2.47 ng	160564	Perylene-d12	15.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	64
2		17-Pentatriacontene	491	C35H70	006971-40-0	64
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
4		1-Nonadecene	266	C19H38	018435-45-5	52
5		3-Chloropropionic acid, octadecy...	360	C21H41ClO2	088168-99-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084356.D
Acq On : 10 Jan 2016 11:09
Operator : SJ/UM
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2S(0-10)

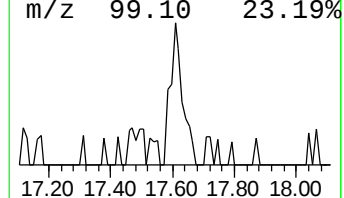
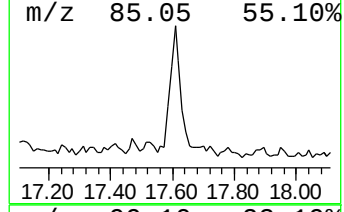
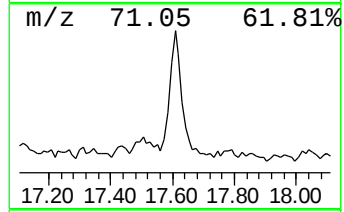
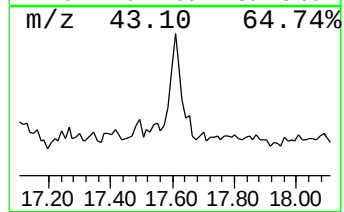
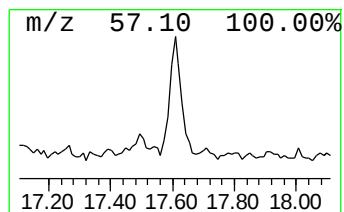
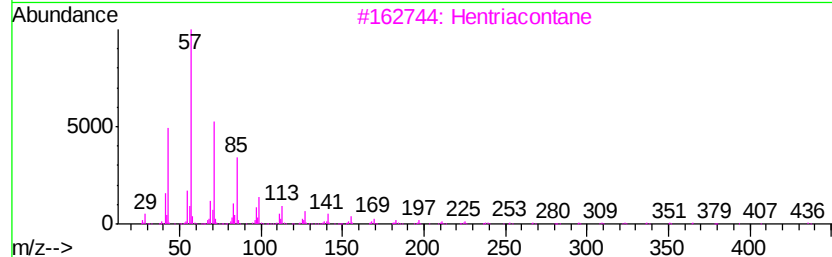
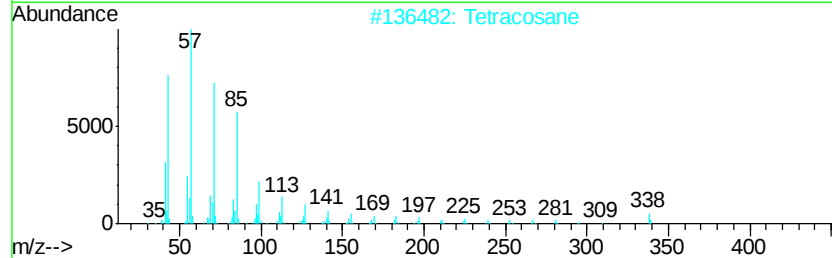
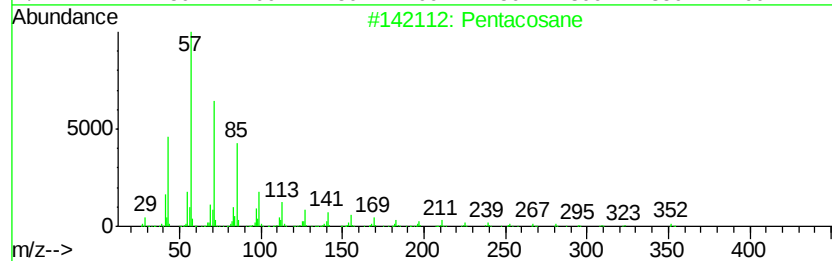
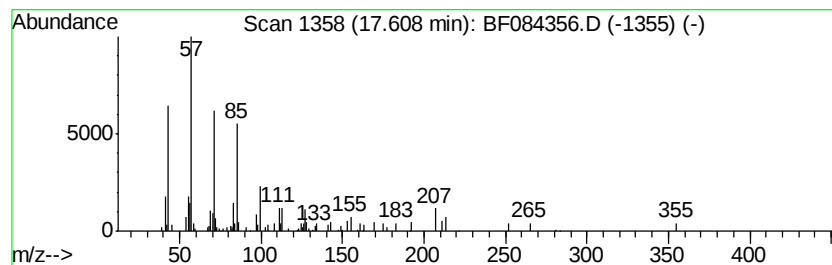
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.08 ng	135743	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	72
2		Tetracosane	338	C24H50	000646-31-1	64
3		Hentriacontane	437	C31H64	000630-04-6	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084356.D
Acq On : 10 Jan 2016 11:09
Operator : SJ/UM
Sample : H1043-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2S(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.05	24.4	ng	2102200	1	6.85	1720150	20.0
unknown6.62	6.62	86.0	ng	7400400	1	6.85	1720150	20.0
Hexadecane	9.82	2.3	ng	278723	3	9.89	2435910	20.0
Eicosane	10.54	2.3	ng	275978	3	9.89	2435910	20.0
Dodecane, 3-methyl-	10.80	6.6	ng	821630	4	11.38	2501000	20.0
Hexadecanoic acid...	12.80	2.4	ng	289713	5	14.02	2434380	20.0
Phenol, 4,4'-(1-m...	12.85	3.6	ng	438831	5	14.02	2434380	20.0
1-Nonadecene	13.87	8.6	ng	1049810	5	14.02	2434380	20.0
1-Hexadecanesulfo...	15.95	2.5	ng	160564	6	15.44	1302540	20.0
Pentacosane	17.61	2.1	ng	135743	6	15.44	1302540	20.0