

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084856.D
 Acq On : 5 Feb 2016 13:36
 Operator : SJ/IZ
 Sample : H1320-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

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-BF020116.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	4.098	174	176	181	rBV	34250	54456	1.29%	0.134%
2	4.807	235	238	245	rBV	995675	1473592	34.88%	3.639%
3	5.253	274	277	279	rBV	3914698	3856914	91.28%	9.525%
4	5.664	311	313	315	rVB	36069	43086	1.02%	0.106%
5	6.316	367	370	372	rBV	3643928	4225294	100.00%	10.434%
6	6.430	377	380	382	rBV	4240115	3933400	93.09%	9.713%
7	6.659	398	400	402	rBV	1264635	1022477	24.20%	2.525%
8	6.819	411	414	416	rBV	2957073	2989631	70.76%	7.383%
9	7.230	447	450	452	rBV	2593665	2444845	57.86%	6.037%
10	7.950	510	513	515	rBV	1201700	1323798	31.33%	3.269%
11	9.024	604	607	610	rBV	4219083	3853537	91.20%	9.516%
12	9.424	640	642	644	rBV	639919	531178	12.57%	1.312%
13	9.642	659	661	663	rVB	139830	118100	2.80%	0.292%
14	9.699	663	666	668	rBV	1385046	1491959	35.31%	3.684%
15	10.145	701	705	706	rBV	170675	164057	3.88%	0.405%
16	10.362	721	724	725	rBV	63916	80608	1.91%	0.199%
17	10.487	732	735	737	rBV2	2153949	2817480	66.68%	6.958%
18	10.613	744	746	751	rBV	210755	238496	5.64%	0.589%
19	11.059	783	785	786	rBV	119510	103316	2.45%	0.255%
20	11.173	792	795	797	rBV	1714746	1518409	35.94%	3.750%
21	11.413	814	816	820	rBV	127701	174029	4.12%	0.430%
22	11.482	820	822	825	rVB	54500	51207	1.21%	0.126%
23	11.722	840	843	844	rBV	37323	46531	1.10%	0.115%
24	11.893	854	858	860	rBV2	50750	64646	1.53%	0.160%
25	12.236	886	888	891	rBV	272255	376685	8.92%	0.930%
26	12.373	898	900	902	rVB	60784	63348	1.50%	0.156%
27	12.602	917	920	922	rBV2	200799	275528	6.52%	0.680%
28	12.671	922	926	928	rVB2	68230	104149	2.46%	0.257%
29	12.762	931	934	936	rBV	4168545	3910915	92.56%	9.658%
30	13.002	952	955	961	rVB3	45611	71762	1.70%	0.177%
31	13.116	963	965	967	rBV	45238	75056	1.78%	0.185%
32	13.219	971	974	979	rBV3	35758	67516	1.60%	0.167%
33	13.299	979	981	983	rBV	196422	172579	4.08%	0.426%
34	13.665	1011	1013	1020	rBV	289700	412901	9.77%	1.020%

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Instrument :
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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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.802	1022	1025	1027	rBV	1217868	1241085	29.37%	3.065%
36	13.985	1039	1041	1044	rBV	32996	44624	1.06%	0.110%
37	14.294	1066	1068	1072	rBV2	25645	46335	1.10%	0.114%
38	14.648	1097	1099	1101	rVB	48367	47208	1.12%	0.117%
39	15.162	1142	1144	1147	rBV	598079	832358	19.70%	2.055%
40	15.642	1183	1186	1191	rBV3	29993	76017	1.80%	0.188%
41	16.934	1295	1299	1304	rBV8	17614	55360	1.31%	0.137%

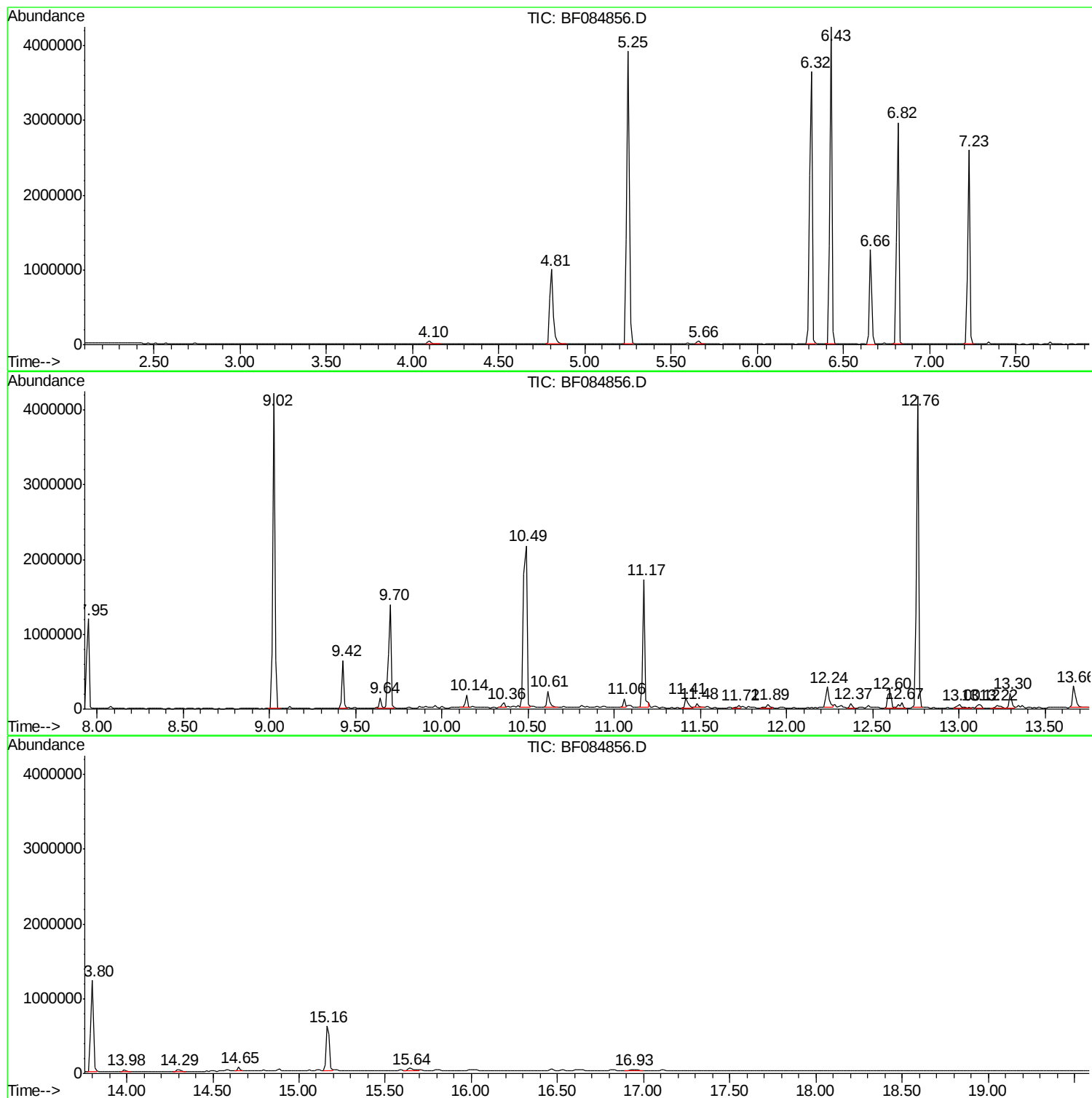
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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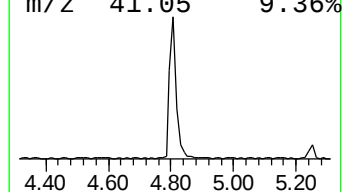
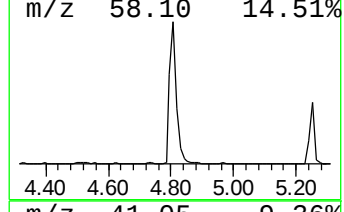
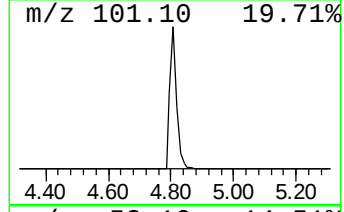
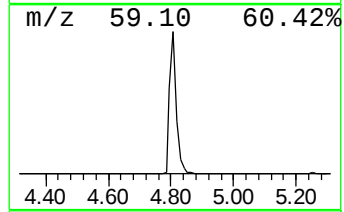
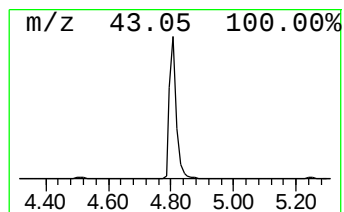
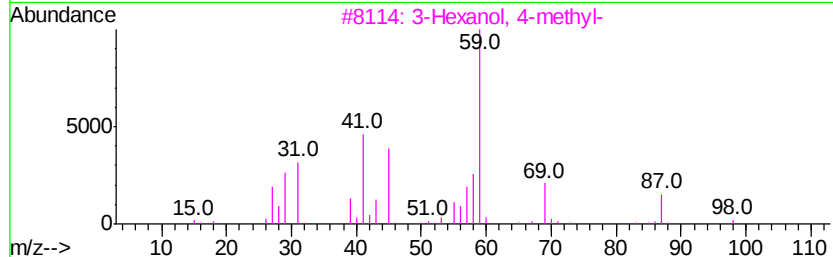
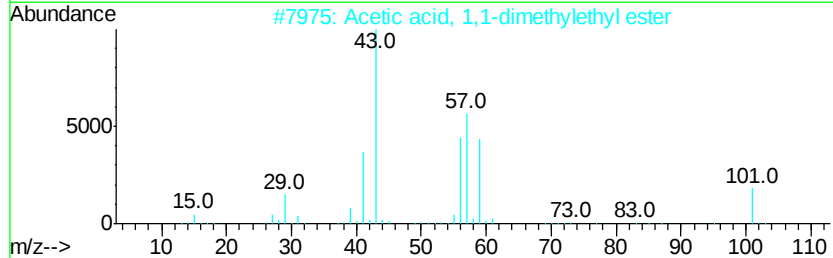
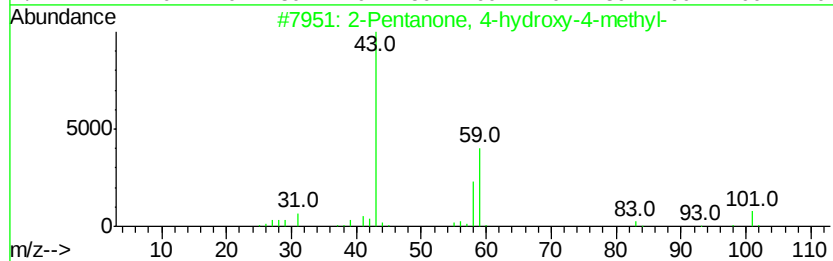
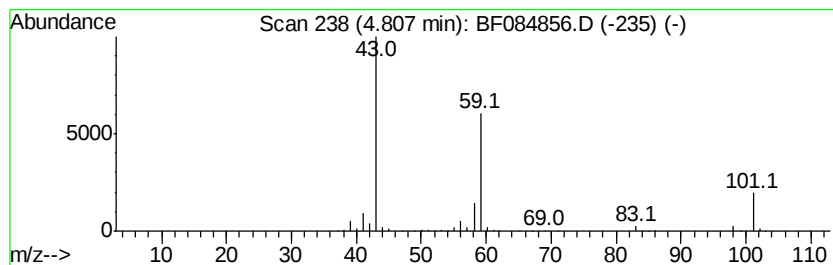
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.81	28.82 ng	1473590	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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Instrument :
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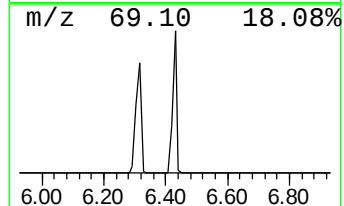
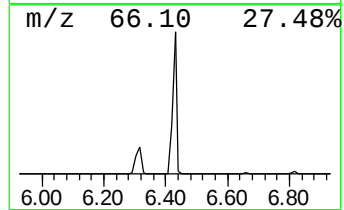
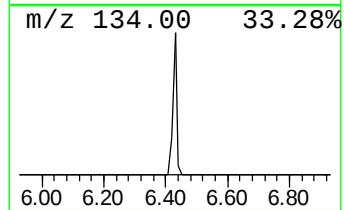
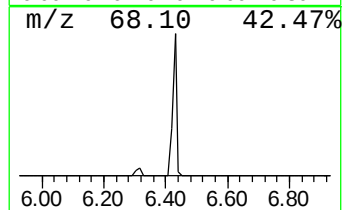
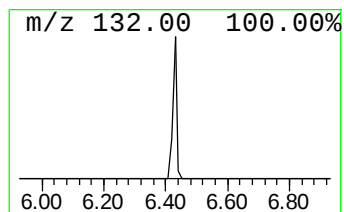
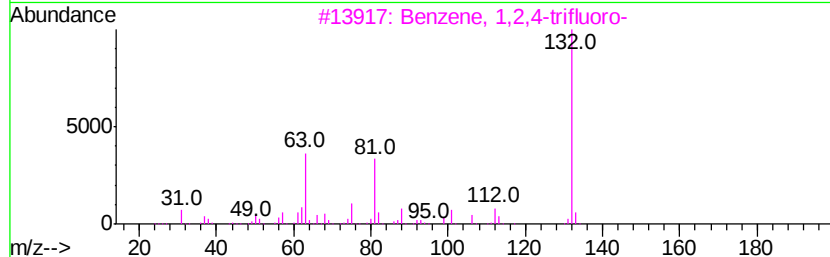
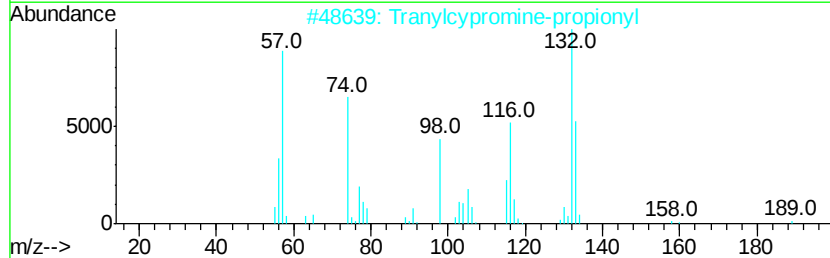
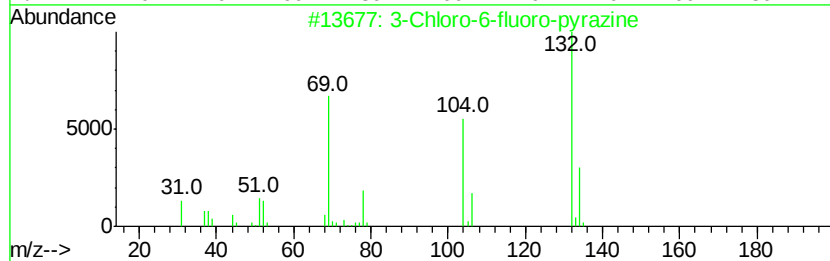
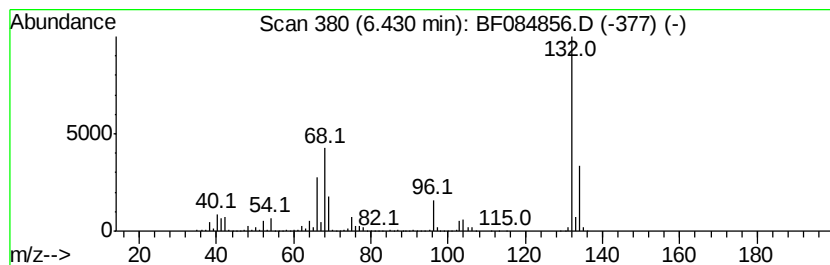
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	76.94 ng	3933400	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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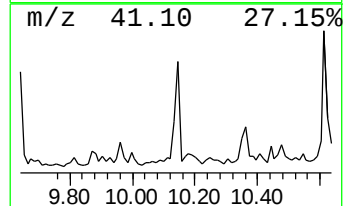
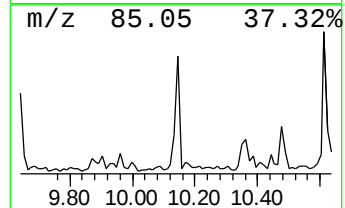
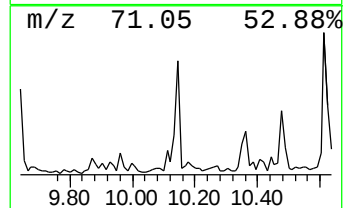
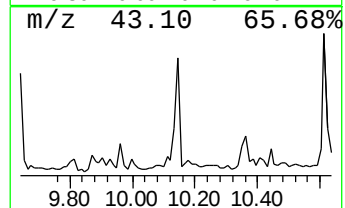
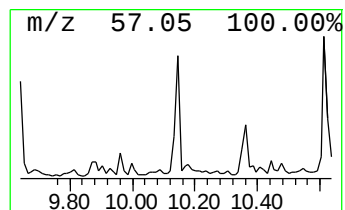
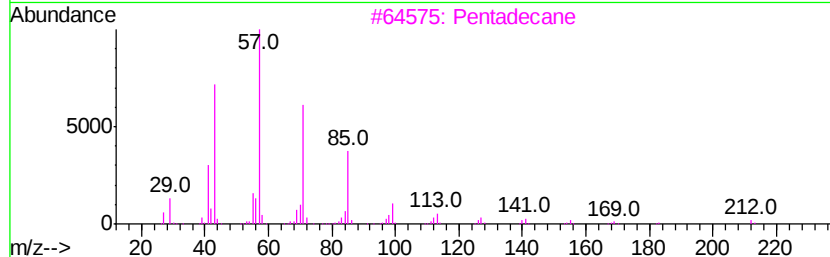
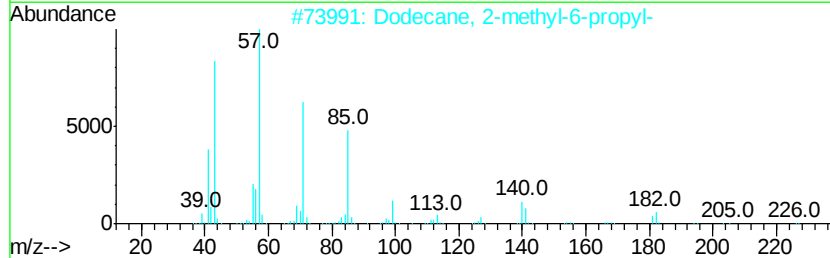
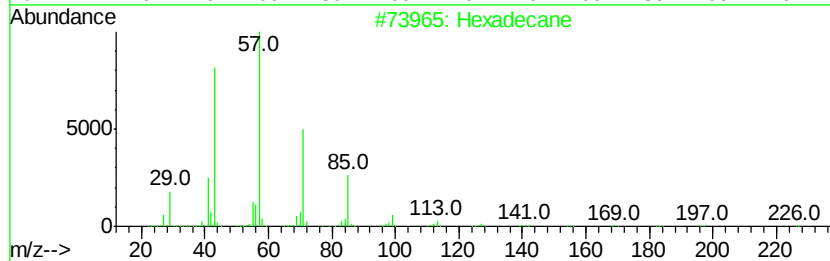
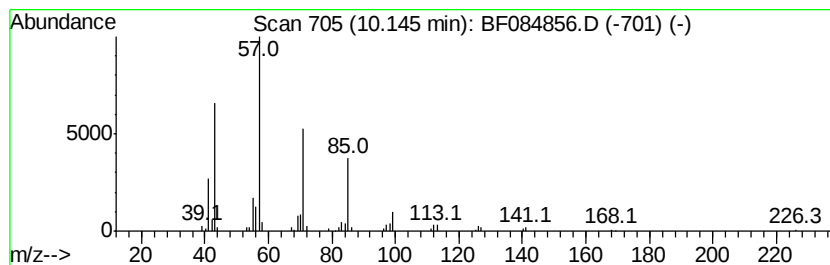
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.14	2.20 ng	164057	Acenaphthene-d10	9.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
3	Pentadecane	212 C15H32	000629-62-9	72
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	68
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	59



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Instrument :
BNA_F
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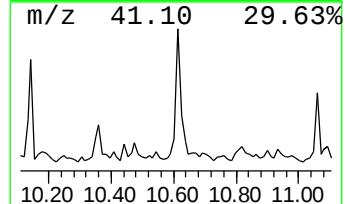
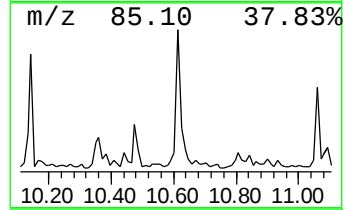
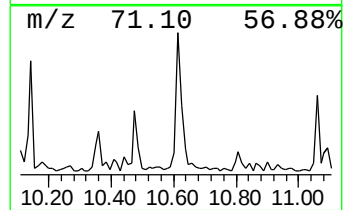
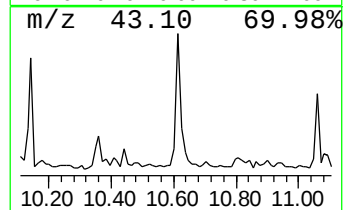
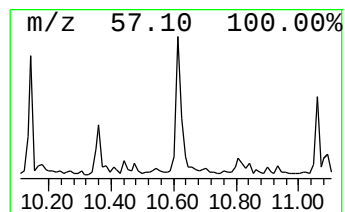
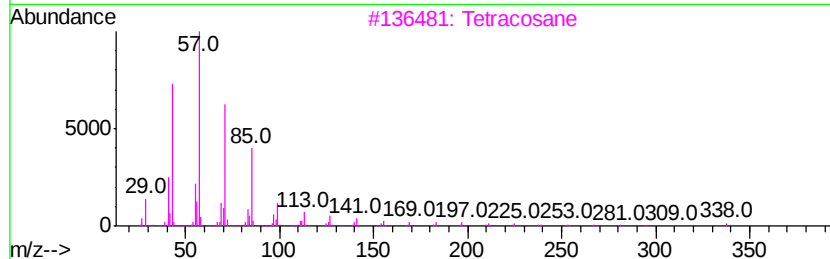
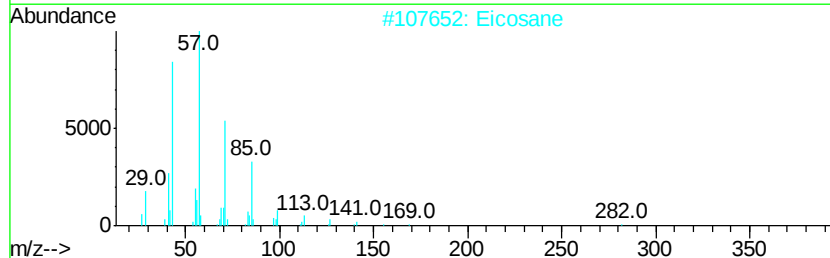
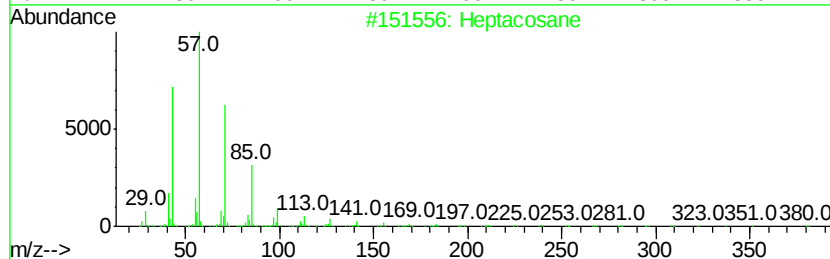
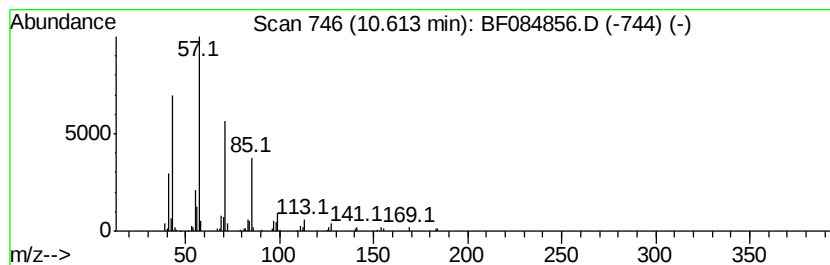
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.14 ng	238496	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Tetracosane		338	C24H50	000646-31-1	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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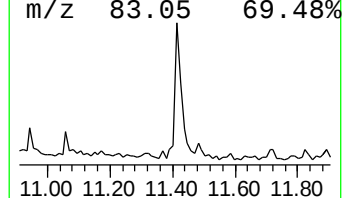
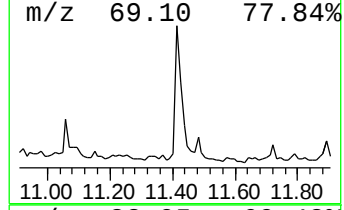
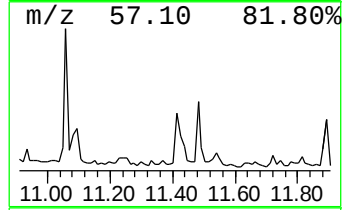
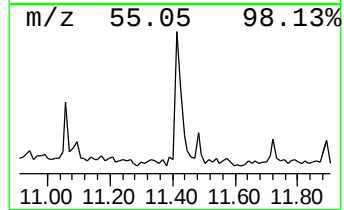
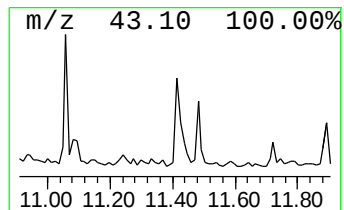
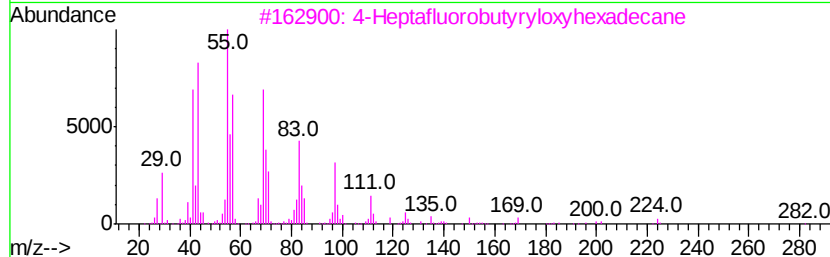
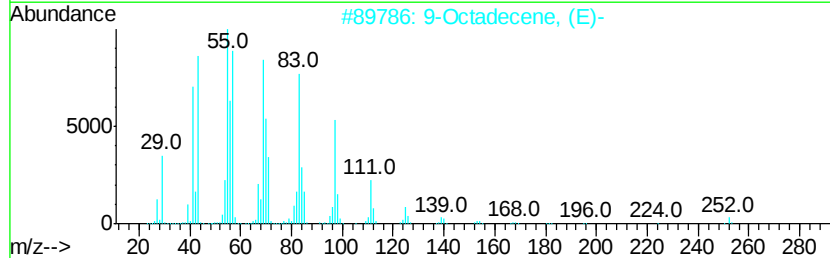
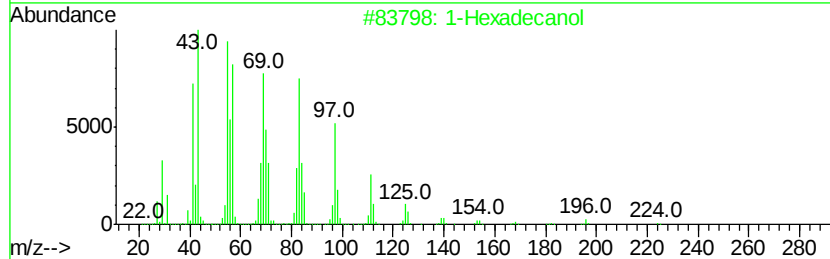
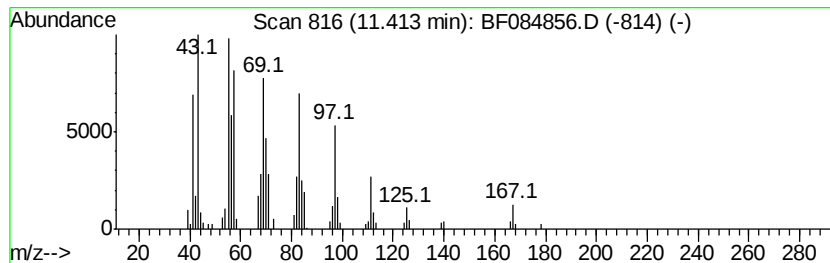
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Peak Number 6 1-Hexadecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.41	2.29 ng	174029	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	4-Heptafluorobutrvrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084856.D
Acq On : 5 Feb 2016 13:36
Operator : SJ/IZ
Sample : H1320-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(20-22)

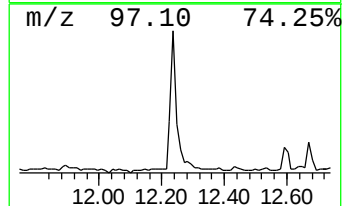
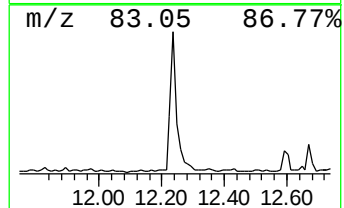
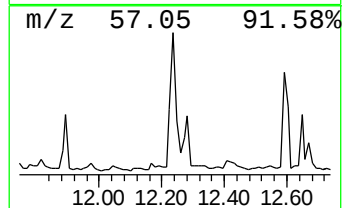
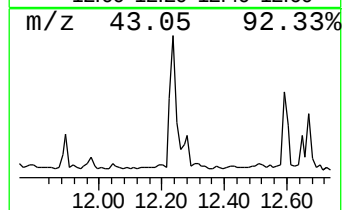
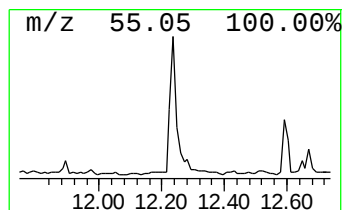
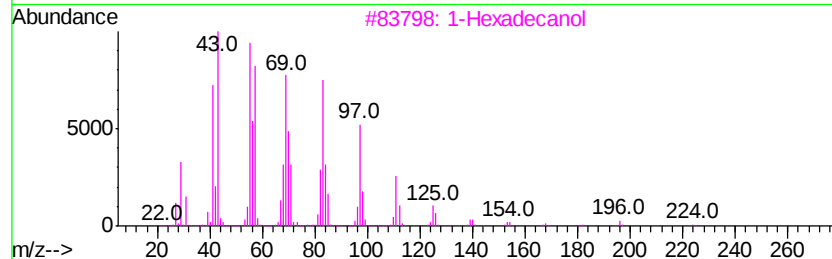
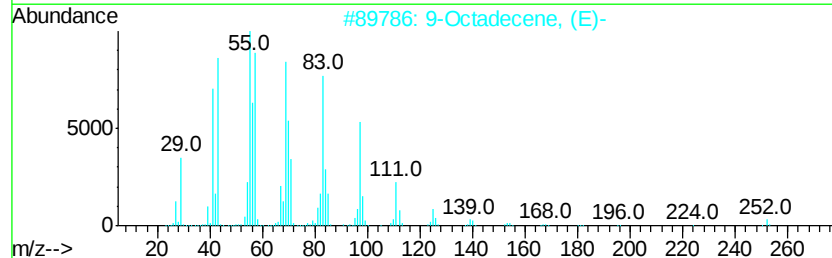
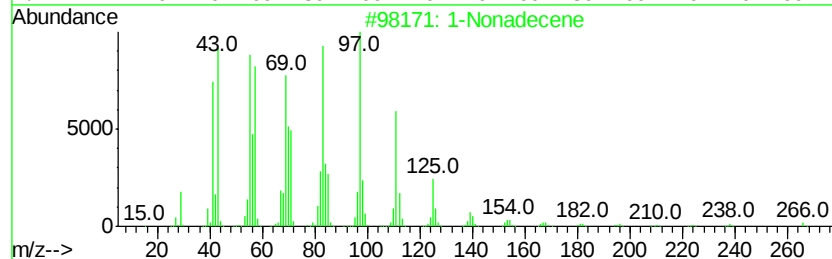
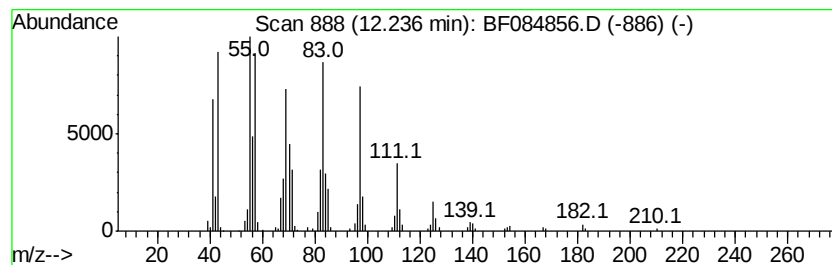
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	4.96 ng	376685	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	91
2	9-Octadecene, (E)-		252	C18H36	007206-25-9	91
3	1-Hexadecanol		242	C16H34O	036653-82-4	91
4	1-Hexadecene		224	C16H32	000629-73-2	91
5	5-Octadecene, (E)-		252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084856.D
Acq On : 5 Feb 2016 13:36
Operator : SJ/IZ
Sample : H1320-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(20-22)

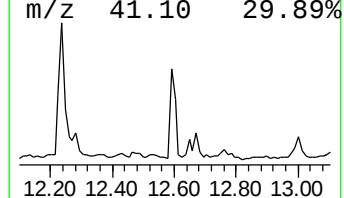
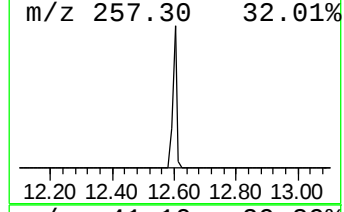
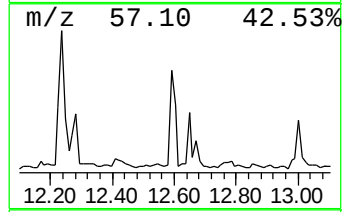
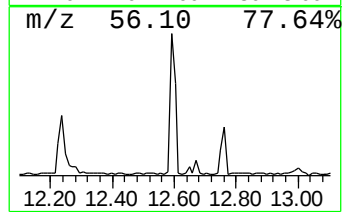
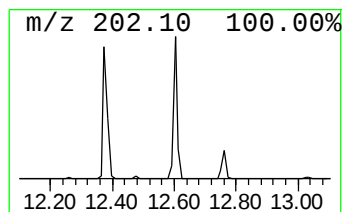
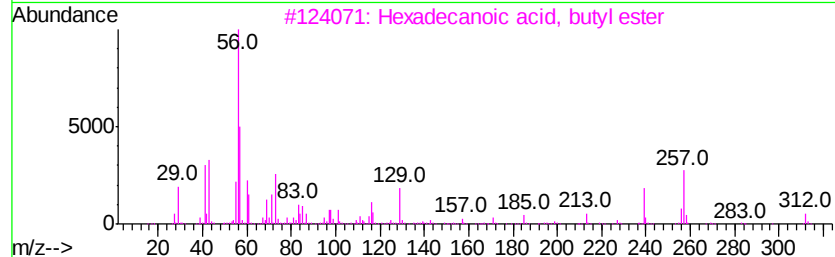
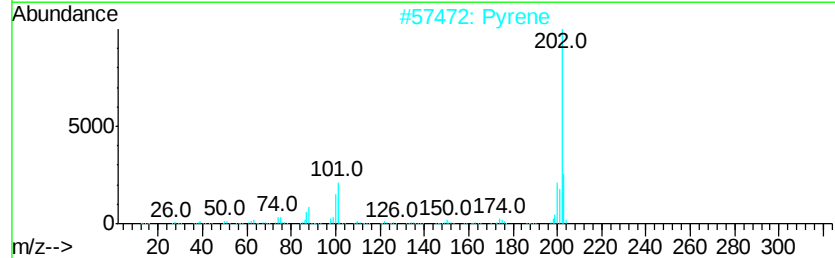
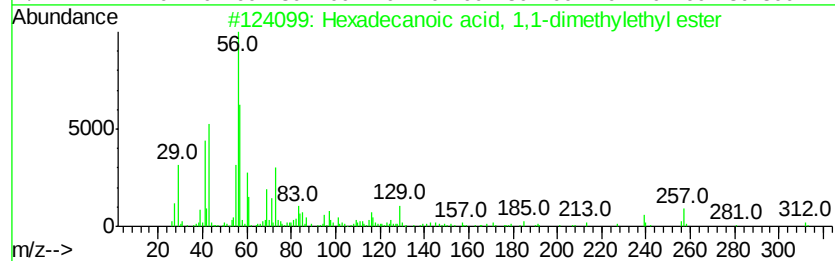
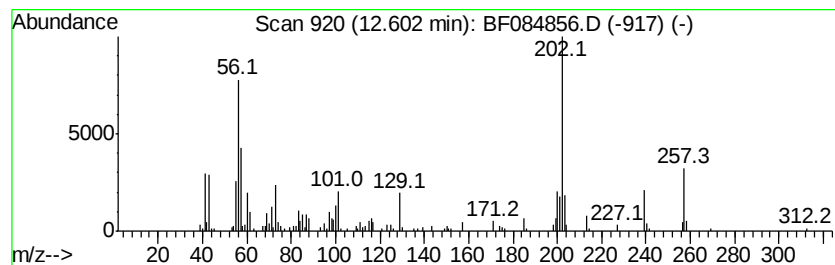
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.44 ng	275528	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	94
2		Pyrene	202	C16H10	000129-00-0	68
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
4		Fluoranthene	202	C16H10	000206-44-0	44
5		Isobutyl laurate	256	C16H32O2	037811-72-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084856.D
Acq On : 5 Feb 2016 13:36
Operator : SJ/IZ
Sample : H1320-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

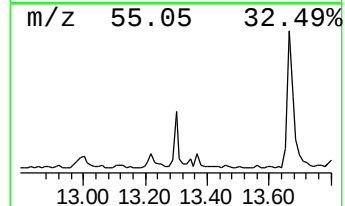
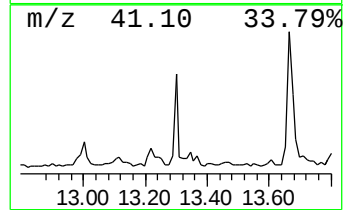
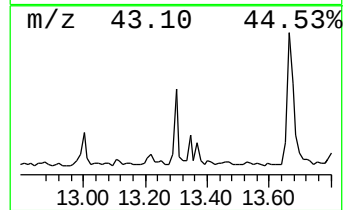
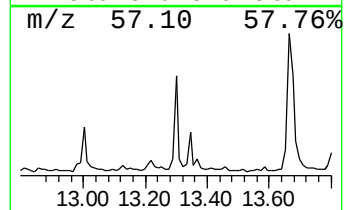
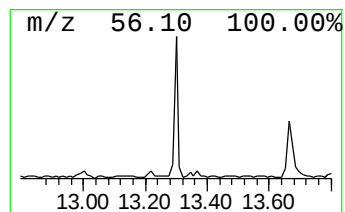
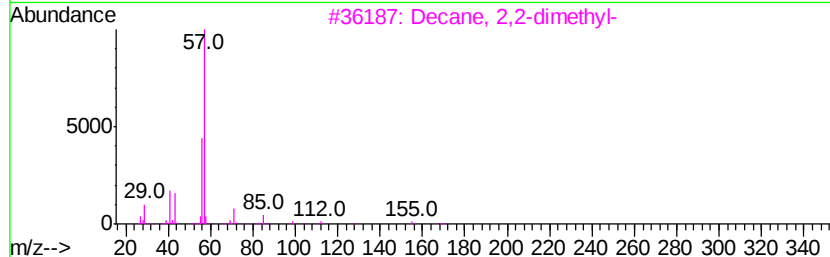
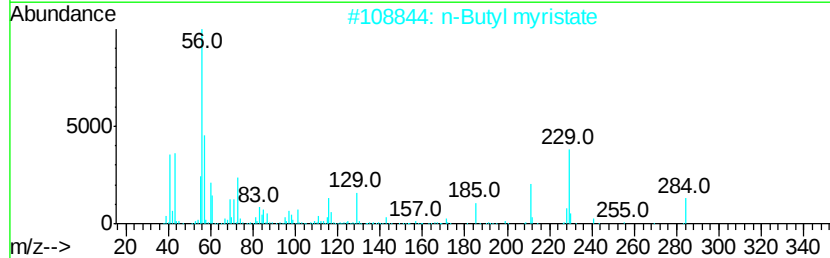
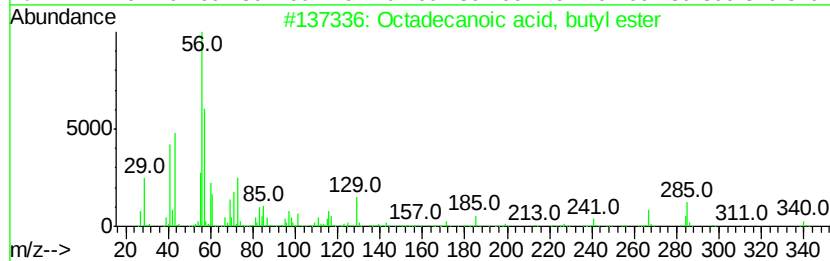
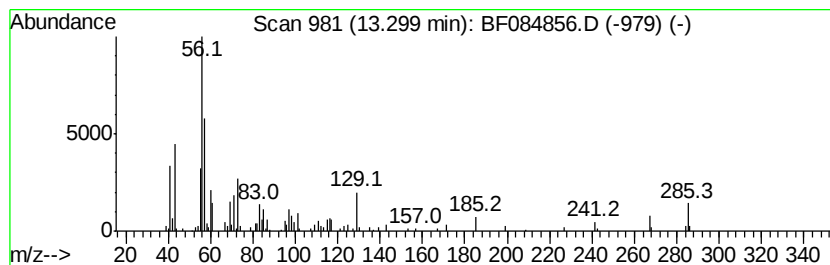
Instrument :
BNA_F
ClientSampleId :
S4-B019(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.30	2.78 ng	172579	Chrysene-d12		13.80	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	86
3		Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	35
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	32
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084856.D
Acq On : 5 Feb 2016 13:36
Operator : SJ/IZ
Sample : H1320-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(20-22)

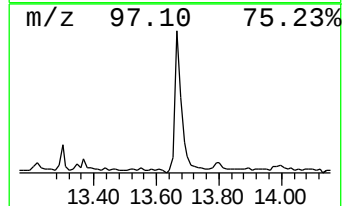
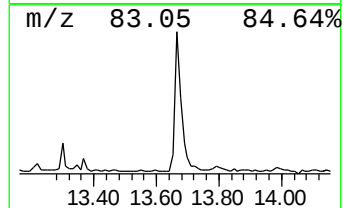
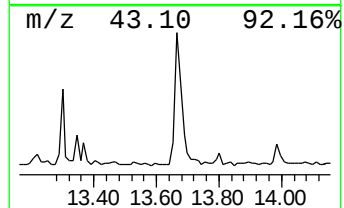
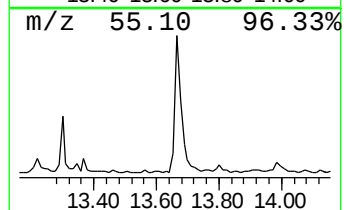
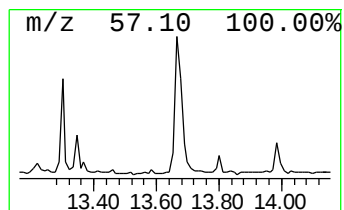
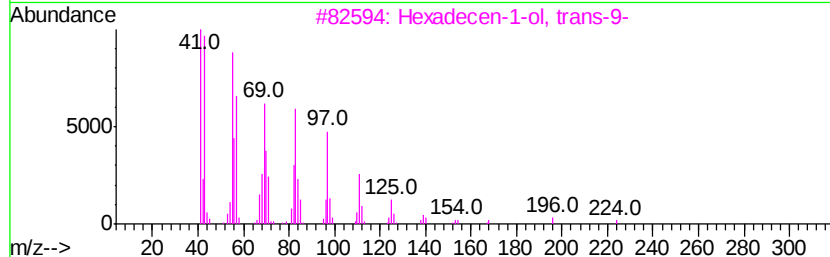
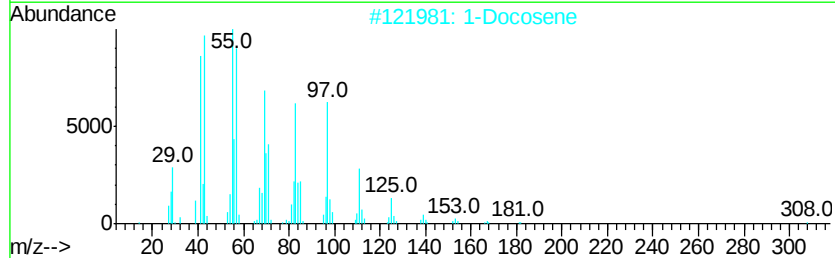
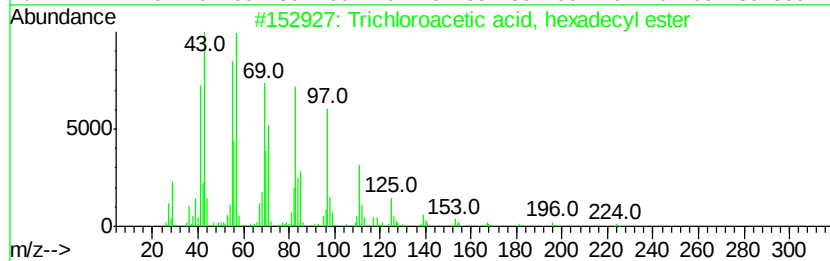
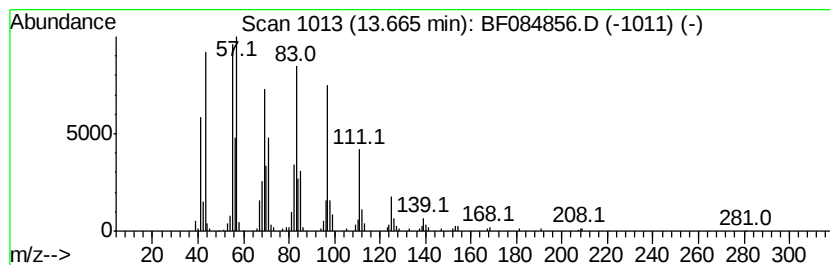
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	6.65 ng	412901	Chrysene-d12	13.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			1-Docosene	308	C22H44	001599-67-3	91
3			Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	86
4			1-Nonadecene	266	C19H38	018435-45-5	86
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084856.D
 Acq On : 5 Feb 2016 13:36
 Operator : SJ/IZ
 Sample : H1320-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	28.8	ng	1473590	1	6.66	1022480	20.0
unknown6.43	6.43	76.9	ng	3933400	1	6.66	1022480	20.0
Hexadecane	10.14	2.2	ng	164057	3	9.70	1491960	20.0
Heptacosane	10.61	3.1	ng	238496	4	11.17	1518410	20.0
1-Hexadecanol	11.41	2.3	ng	174029	4	11.17	1518410	20.0
1-Nonadecene	12.24	5.0	ng	376685	4	11.17	1518410	20.0
Hexadecanoic acid...	12.60	4.4	ng	275528	5	13.80	1241090	20.0
Octadecanoic acid...	13.30	2.8	ng	172579	5	13.80	1241090	20.0
Trichloroacetic a...	13.66	6.7	ng	412901	5	13.80	1241090	20.0