

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081213.D
 Acq On : 25 Aug 2015 22:41
 Operator : UM/IZ
 Sample : G3407-10 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-BF003-01

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-BF081715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.864	170	173	177	rVB	5896	9475	1.64%	0.103%
2	4.619	237	239	244	rBV	329199	372405	64.34%	4.060%
3	5.099	279	281	290	rVB	371468	543344	93.87%	5.923%
4	5.522	316	318	319	rBV	7075	7956	1.37%	0.087%
5	6.185	373	376	378	rBV	376978	532286	91.96%	5.802%
6	6.299	384	386	388	rBV	425726	538002	92.95%	5.865%
7	6.527	404	406	408	rBV	545485	451821	78.06%	4.925%
8	6.687	417	420	422	rVB	338250	401681	69.40%	4.379%
9	7.099	453	456	458	rBV	347978	343620	59.37%	3.746%
10	7.819	516	519	521	rBV	513378	555679	96.00%	6.057%
11	8.539	580	582	585	rBV	11239	16280	2.81%	0.177%
12	8.596	585	587	592	rVB	4774	10497	1.81%	0.114%
13	8.893	611	613	616	rBV	709524	570723	98.60%	6.221%
14	9.293	646	648	651	rBV	120434	99633	17.21%	1.086%
15	9.419	658	659	662	rVB	11733	9224	1.59%	0.101%
16	9.556	669	671	673	rBV2	484521	538927	93.11%	5.875%
17	9.591	673	674	676	rVB	14284	11905	2.06%	0.130%
18	10.013	710	711	713	rVB	9935	8581	1.48%	0.094%
19	10.105	717	719	721	rVV	12209	13075	2.26%	0.143%
20	10.345	737	740	742	rBV	222724	275487	47.60%	3.003%
21	10.402	742	745	747	rVB	5492	7153	1.24%	0.078%
22	10.482	750	752	756	rVB	12709	17631	3.05%	0.192%
23	10.574	758	760	762	rBV	7632	8387	1.45%	0.091%
24	10.928	789	791	793	rVB	16472	14522	2.51%	0.158%
25	11.031	797	800	801	rVV	587005	510594	88.21%	5.566%
26	11.054	801	802	804	rVV	140921	101006	17.45%	1.101%
27	11.099	804	806	809	rVB2	29064	49206	8.50%	0.536%
28	11.271	819	821	823	rBV3	10611	17208	2.97%	0.188%
29	11.351	825	828	830	rBV	9416	15647	2.70%	0.171%
30	11.534	839	844	845	rBV4	14697	24311	4.20%	0.265%
31	11.556	845	846	847	rVV	20222	17026	2.94%	0.186%
32	11.591	847	849	852	rVV2	44480	62352	10.77%	0.680%
33	11.636	852	853	858	rVB2	29922	40332	6.97%	0.440%
34	11.762	860	864	868	rVV4	12019	19114	3.30%	0.208%

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35	11.842	868	871	873	rBV4	12911	24545	4.24%	0.268%
36	12.071	889	891	893	rBV2	8949	15088	2.61%	0.164%
37	12.105	893	894	896	rVB	15680	14239	2.46%	0.155%
38	12.231	903	905	907	rBV	148678	136774	23.63%	1.491%
39	12.288	907	910	912	rVV2	25007	35078	6.06%	0.382%
40	12.368	915	917	919	rVV3	6958	10408	1.80%	0.113%
41	12.448	921	924	926	rBV	106585	134337	23.21%	1.464%
42	12.505	926	929	933	rVB6	10359	23416	4.05%	0.255%
43	12.574	933	935	936	rBV2	11975	15685	2.71%	0.171%
44	12.608	936	938	941	rVB	405732	393267	67.94%	4.287%
45	12.677	941	944	947	rBV2	10986	29351	5.07%	0.320%
46	12.779	952	953	956	rVB	18075	18130	3.13%	0.198%
47	12.848	957	959	960	rBV	22673	21766	3.76%	0.237%
48	12.882	960	962	964	rVV2	6986	9750	1.68%	0.106%
49	12.974	969	970	972	rBV2	12944	20271	3.50%	0.221%
50	13.328	999	1001	1002	rVB	12509	11610	2.01%	0.127%
51	13.397	1005	1007	1008	rBV	15734	19118	3.30%	0.208%
52	13.534	1017	1019	1022	rBV2	63736	86318	14.91%	0.941%
53	13.648	1026	1029	1034	rVV2	440032	578812	100.00%	6.310%
54	13.968	1055	1057	1059	rBV3	17567	27474	4.75%	0.299%
55	14.162	1072	1074	1077	rBV	56489	101134	17.47%	1.102%
56	14.574	1108	1110	1112	rBV	60105	63560	10.98%	0.693%
57	14.631	1113	1115	1119	rBV	69968	126545	21.86%	1.379%
58	14.757	1122	1126	1128	rBV3	67978	124030	21.43%	1.352%
59	14.871	1134	1136	1139	rVB	48342	67305	11.63%	0.734%
60	14.928	1139	1141	1143	rBV	52923	80386	13.89%	0.876%
61	14.985	1143	1146	1148	rBV	205746	317042	54.77%	3.456%
62	15.203	1163	1165	1168	rVB2	54957	66045	11.41%	0.720%
63	15.397	1179	1182	1184	rBV	47915	80203	13.86%	0.874%
64	16.025	1234	1237	1240	rVB3	32841	67830	11.72%	0.739%
65	16.288	1258	1260	1263	rVB3	92280	147655	25.51%	1.610%
66	16.631	1287	1290	1295	rVB6	31771	91165	15.75%	0.994%

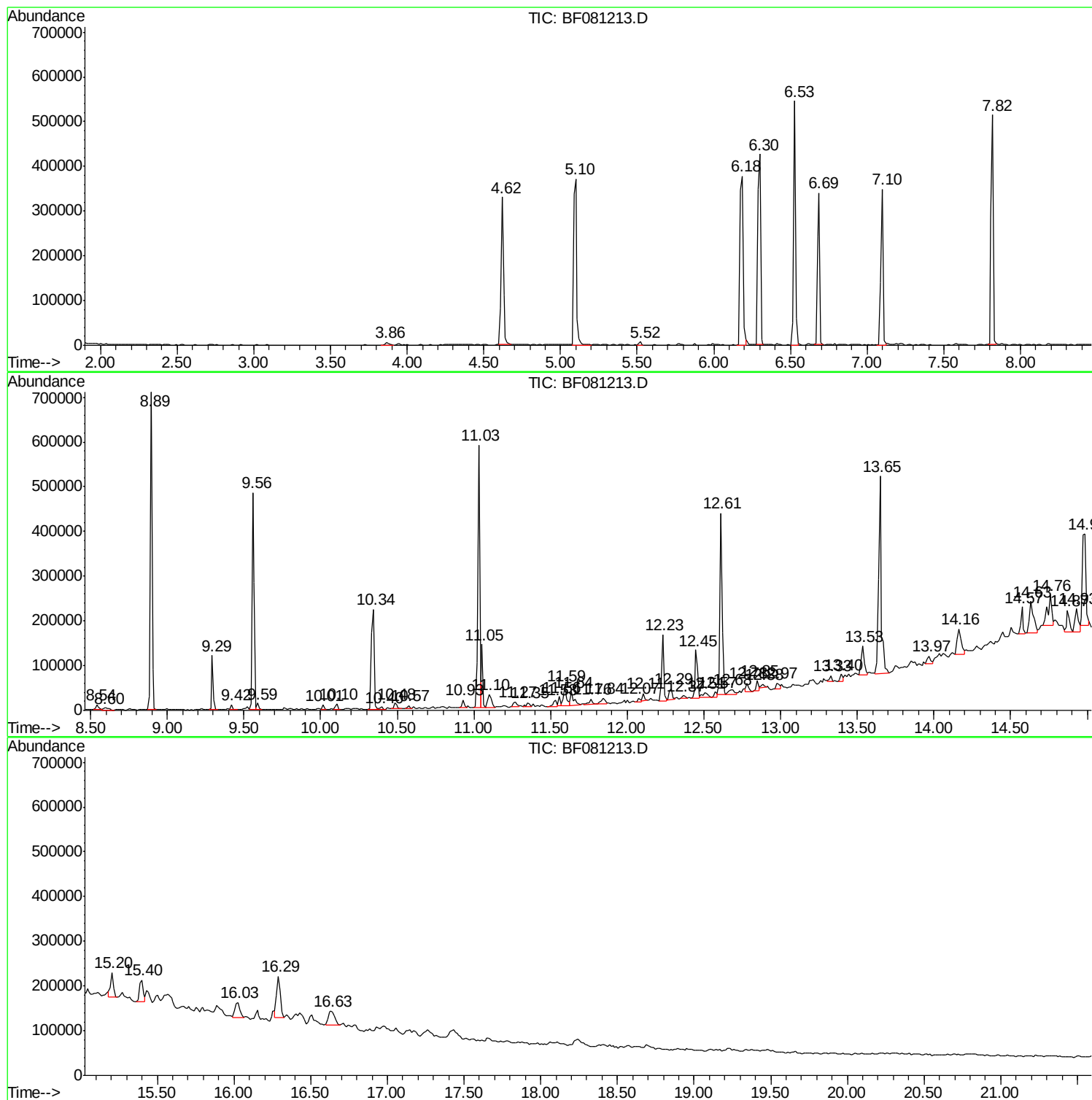
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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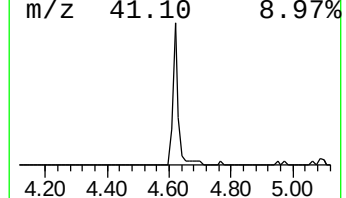
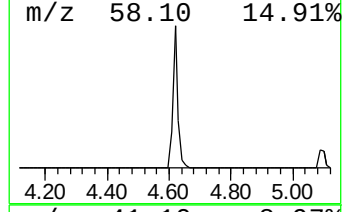
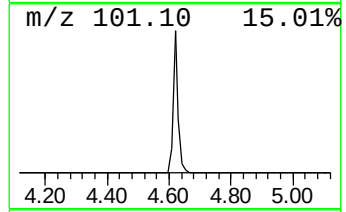
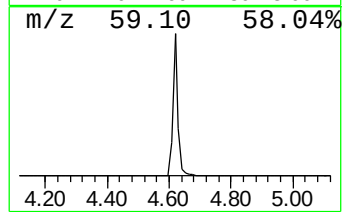
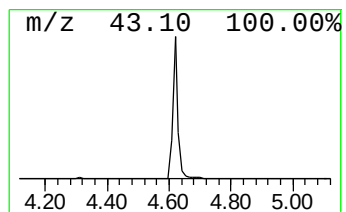
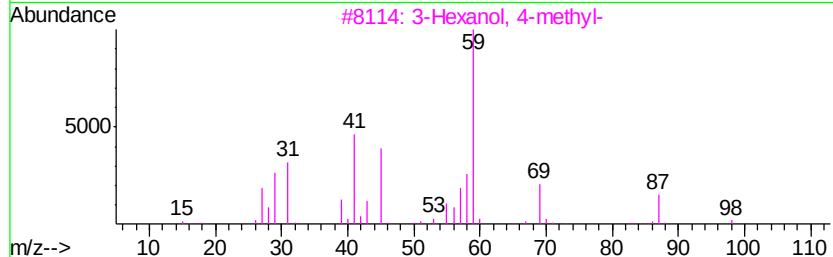
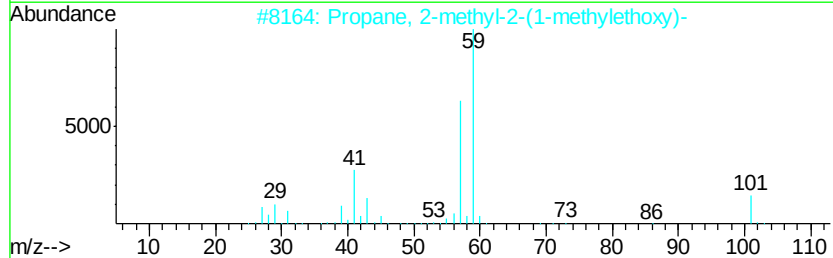
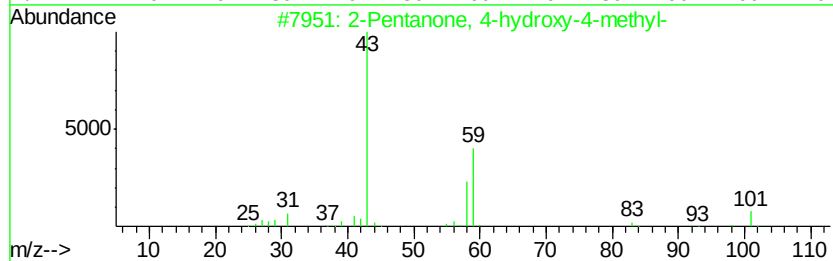
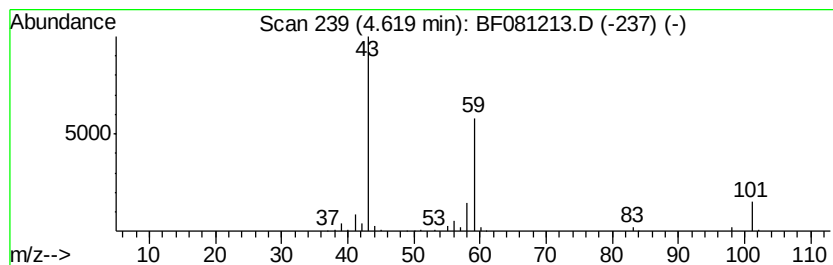
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.62	16.48 ng	372405	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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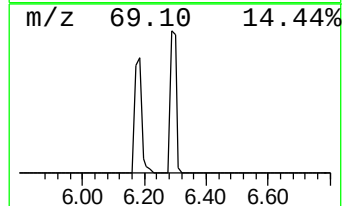
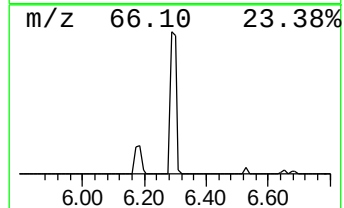
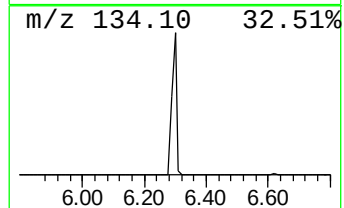
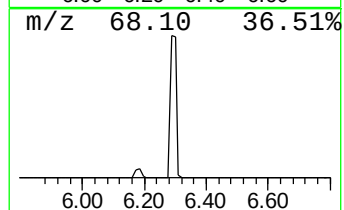
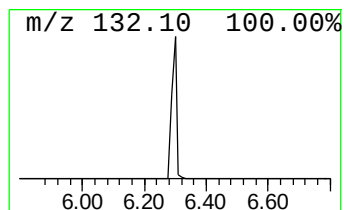
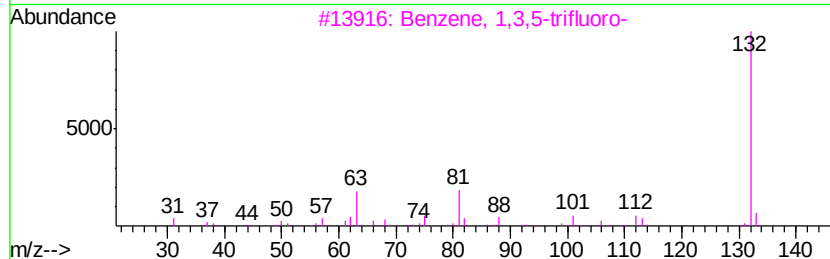
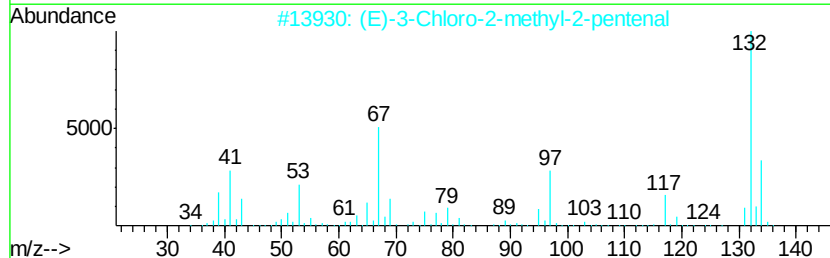
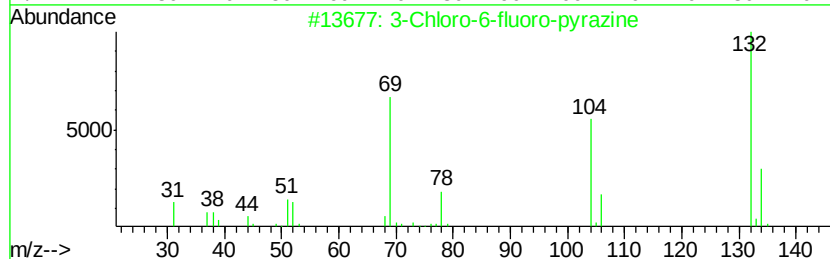
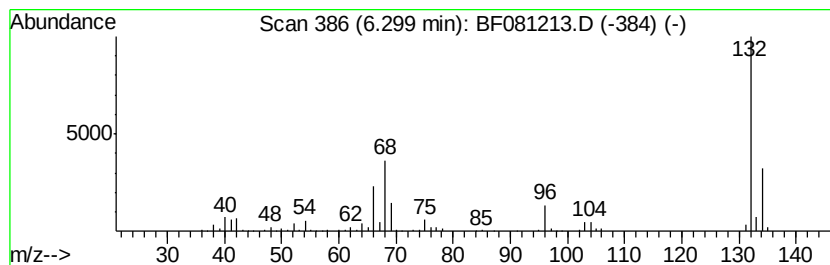
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	23.81 ng	538002	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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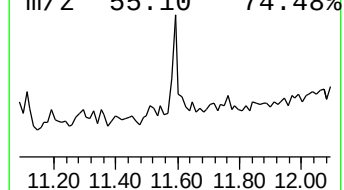
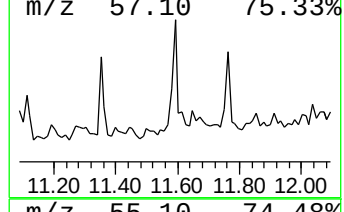
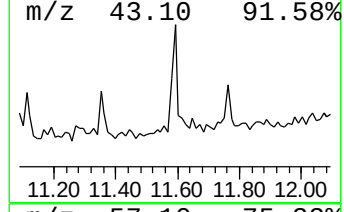
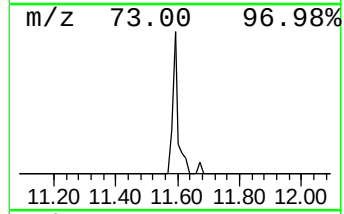
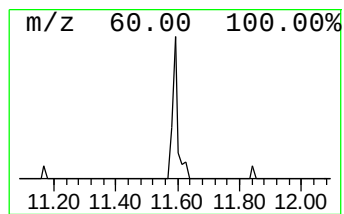
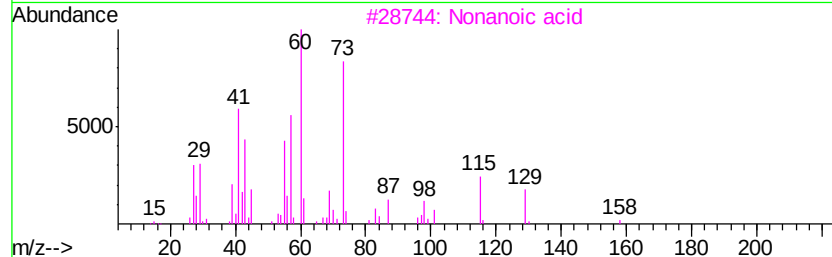
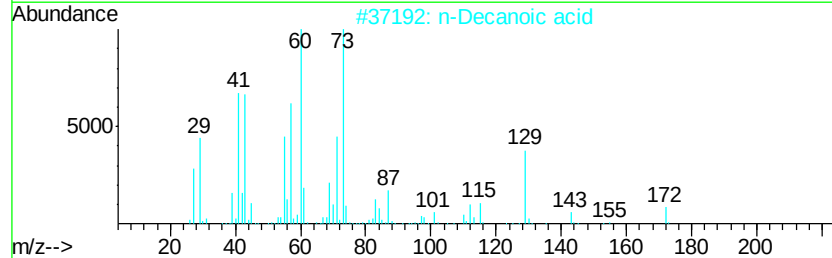
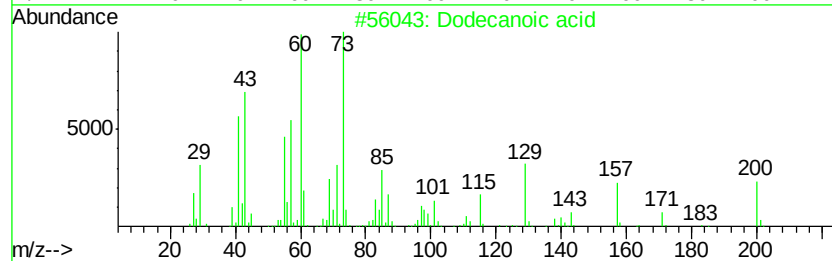
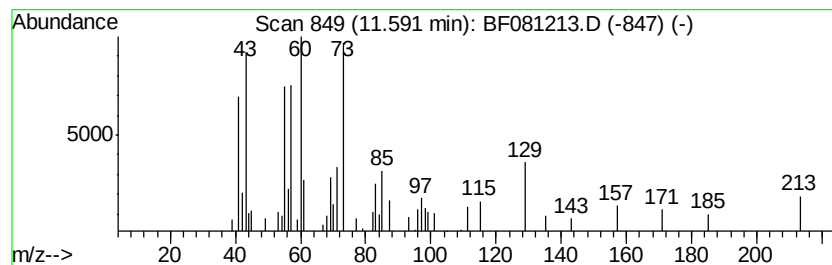
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.44 ng	62352	Phenanthrene-d10	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	59
2		n-Decanoic acid	172	C10H20O2	000334-48-5	47
3		Nonanoic acid	158	C9H18O2	000112-05-0	43
4		.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	43
5		Undecanoic acid	186	C11H22O2	000112-37-8	42



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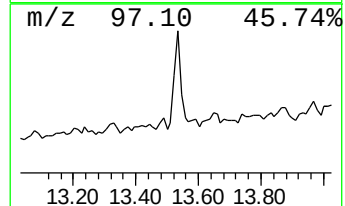
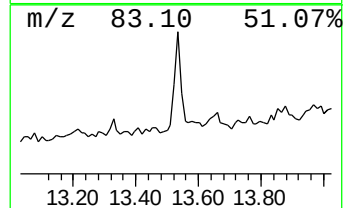
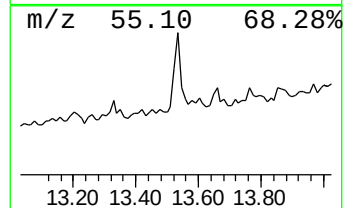
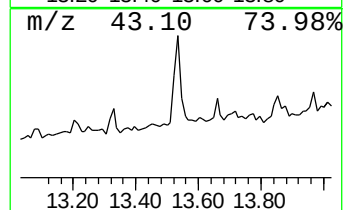
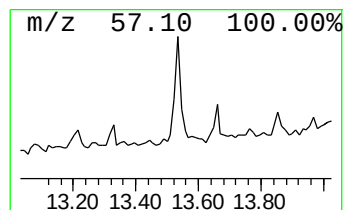
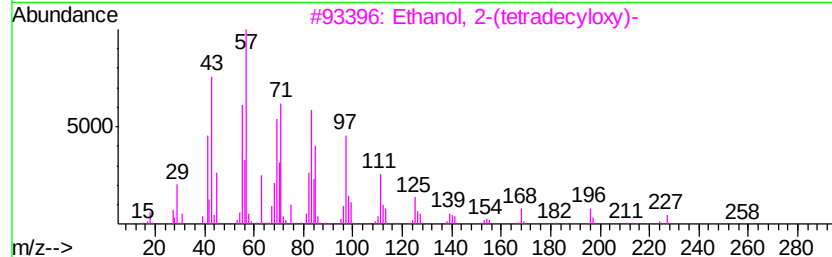
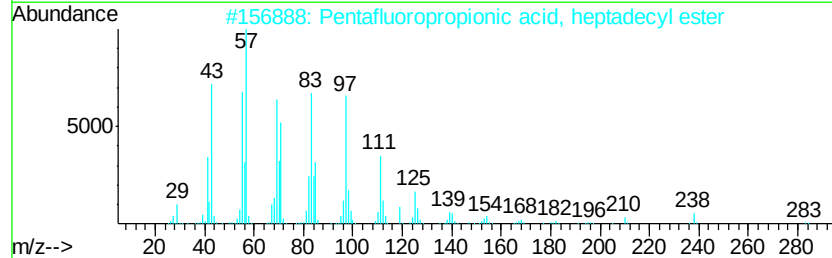
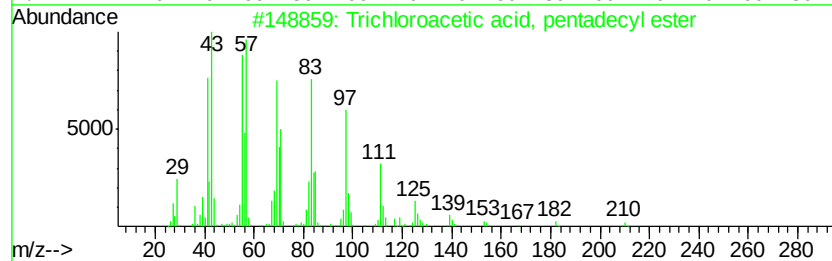
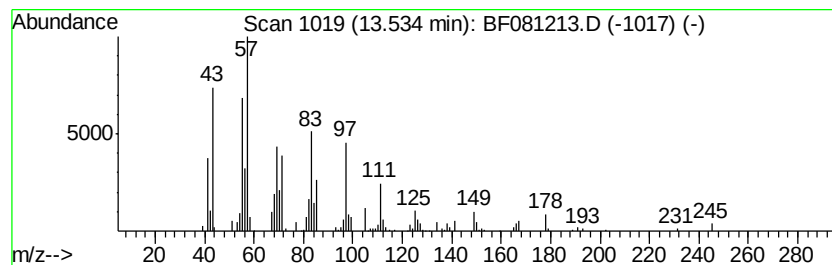
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.98 ng	86318	Chrysene-d12	13.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	72
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	72
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	52
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	52



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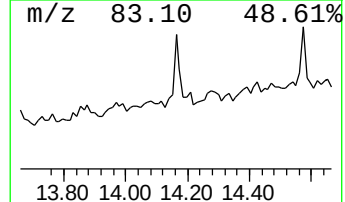
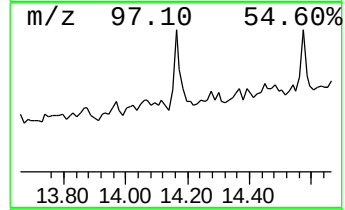
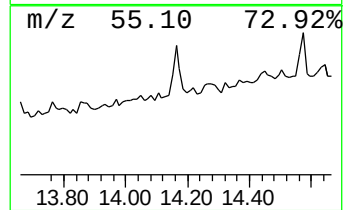
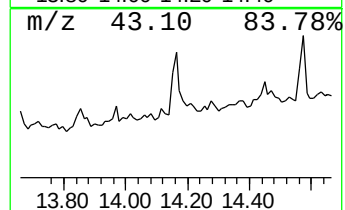
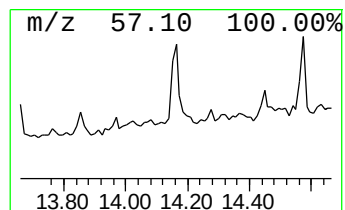
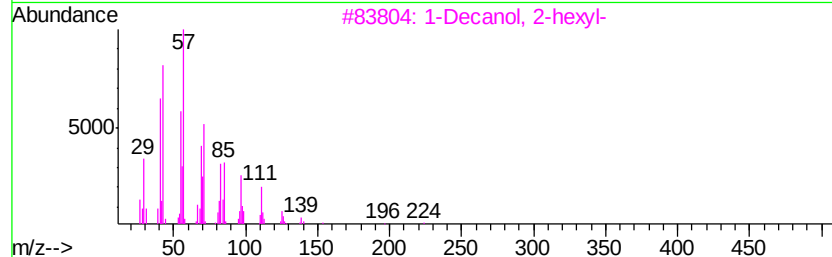
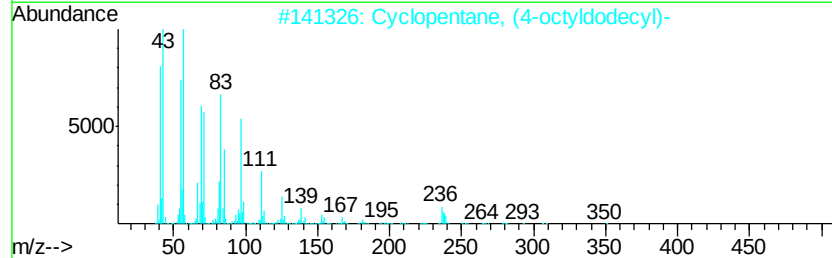
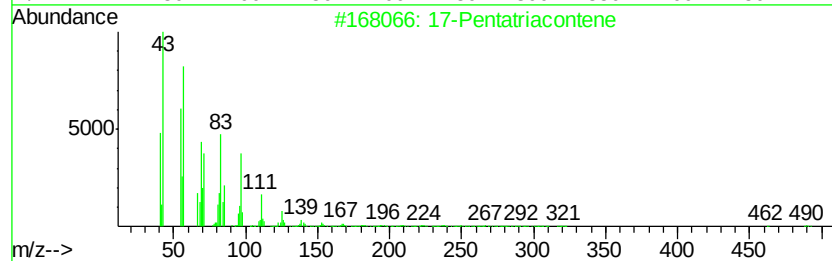
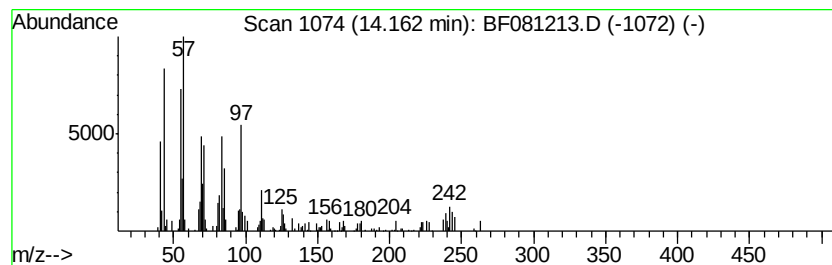
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.49 ng	101134	Chrysene-d12	13.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	81
2		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	72
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	49
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
Sample : G3407-10 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

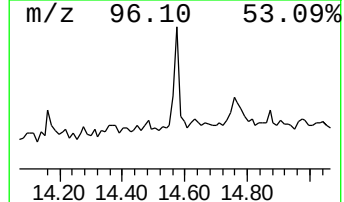
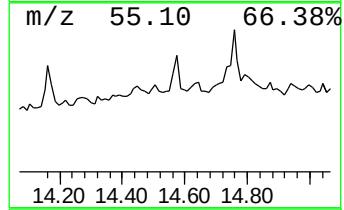
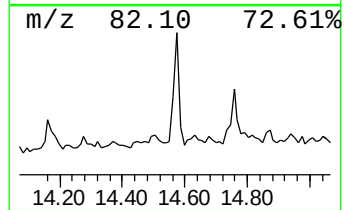
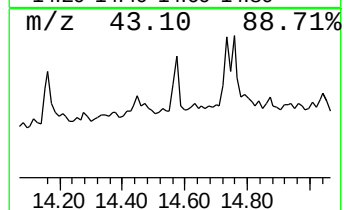
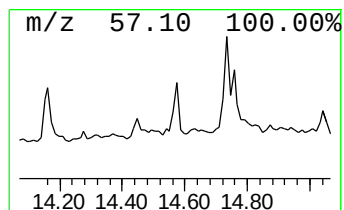
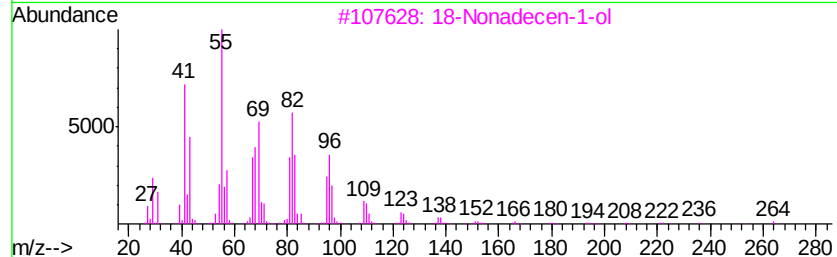
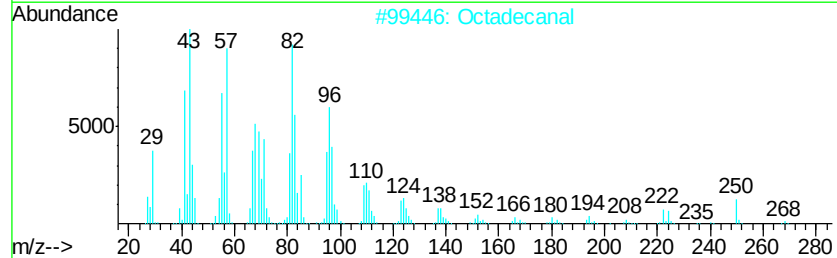
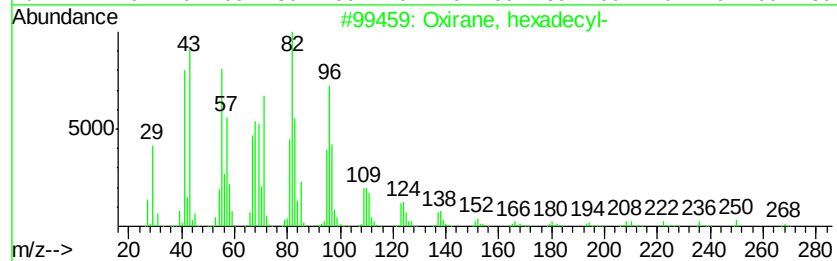
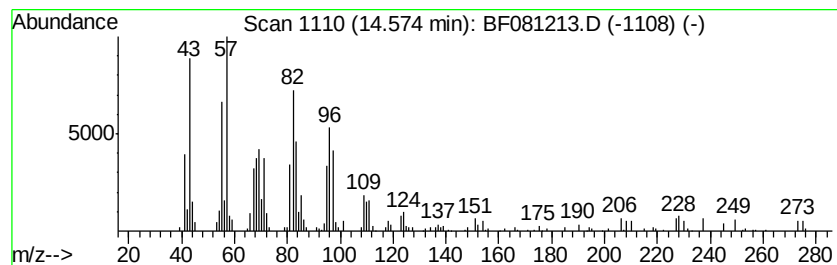
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.57	4.01 ng	63560	Perylene-d12		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
2	Octadecanal	268	C18H36O	000638-66-4	68
3	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	68
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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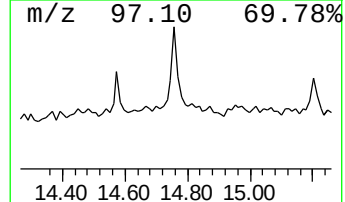
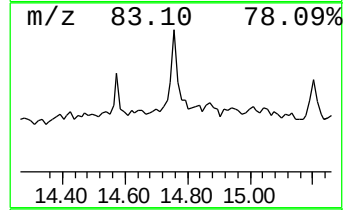
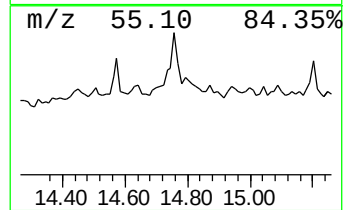
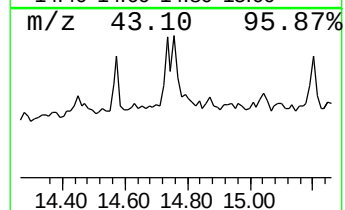
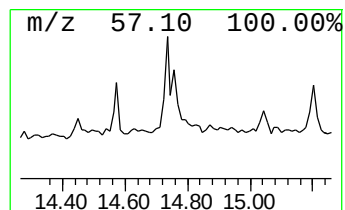
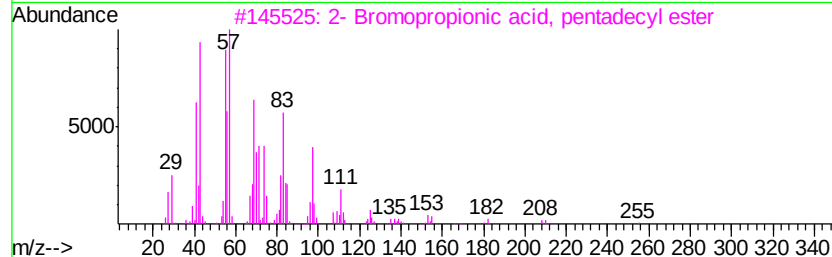
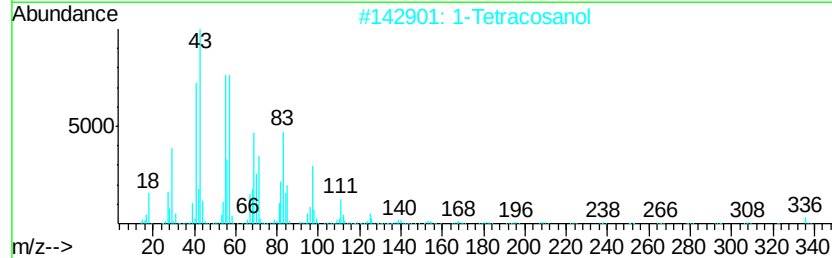
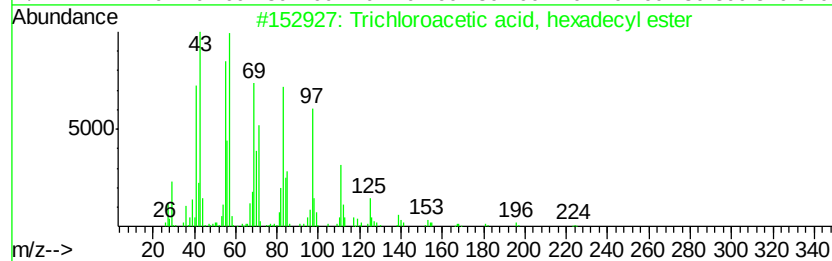
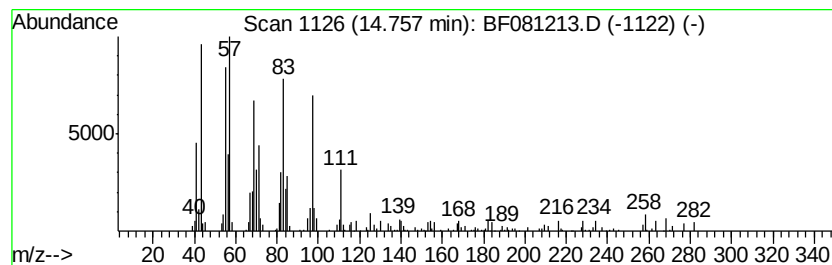
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, hexadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.82 ng	124030	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Tetracosanol	354	C24H50O	000506-51-4	90
3		2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	90
4		1-Docosene	308	C22H44	001599-67-3	87
5		1-Hexacosanol	382	C26H54O	000506-52-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081213.D
Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
Sample : G3407-10 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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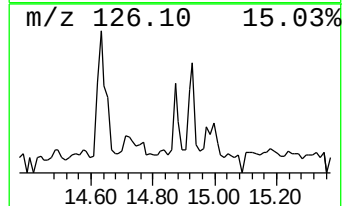
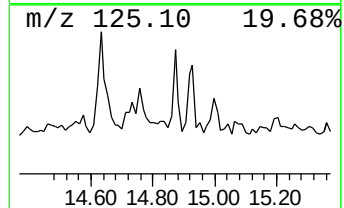
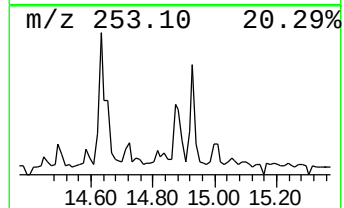
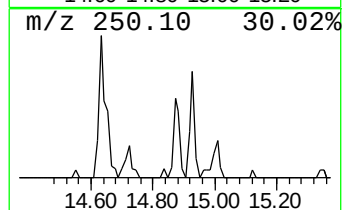
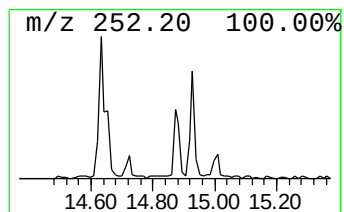
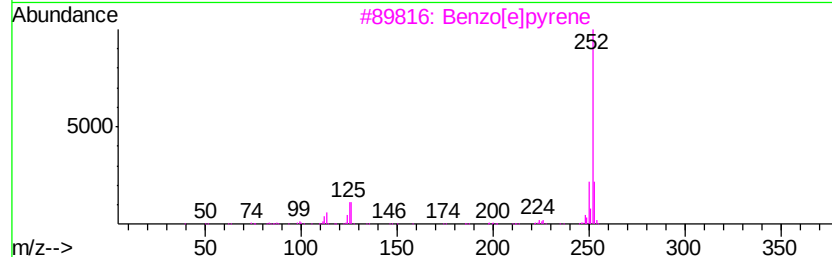
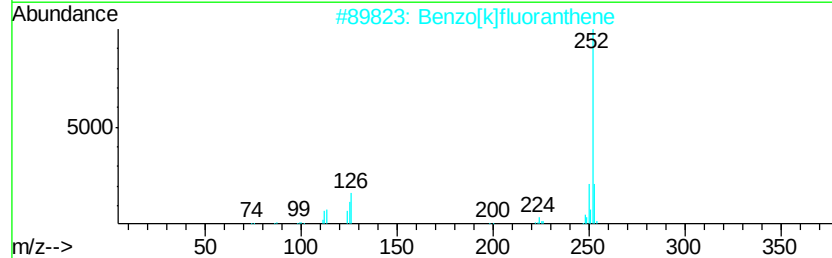
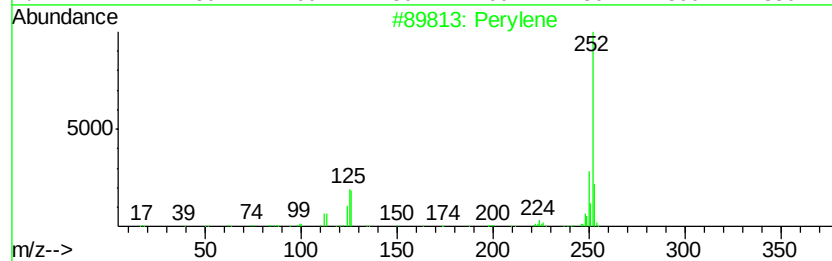
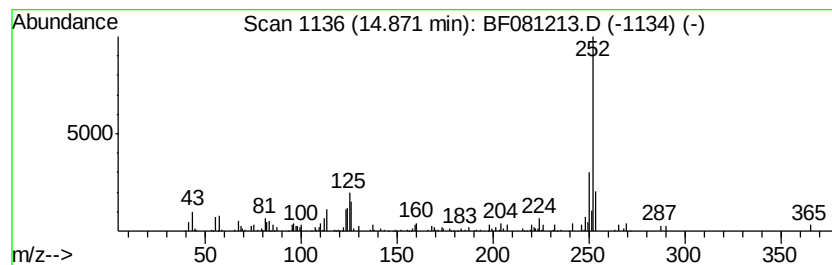
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.25 ng	67305	Perylene-d12	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	95
2	Benzo[k]fluoranthene		252	C20H12	000207-08-9	95
3	Benzo[e]pyrene		252	C20H12	000192-97-2	95
4	Benzo[j]fluoranthene		252	C20H12	000205-82-3	89
5	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081213.D
Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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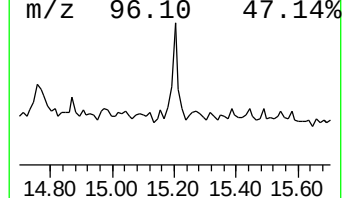
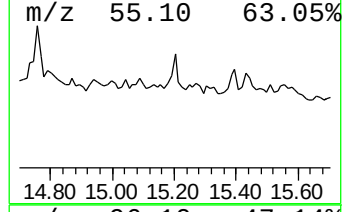
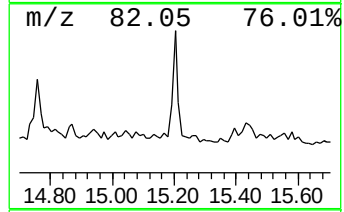
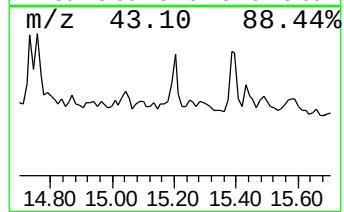
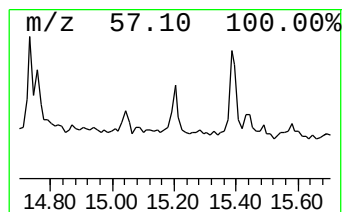
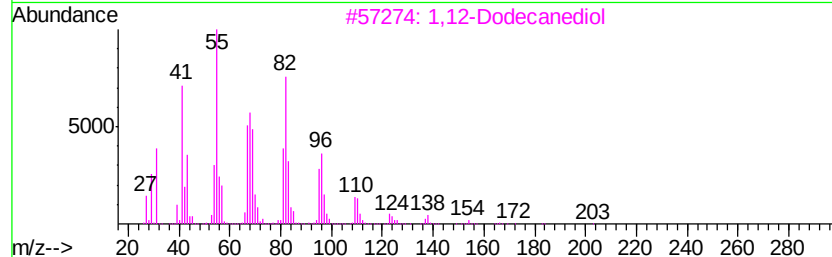
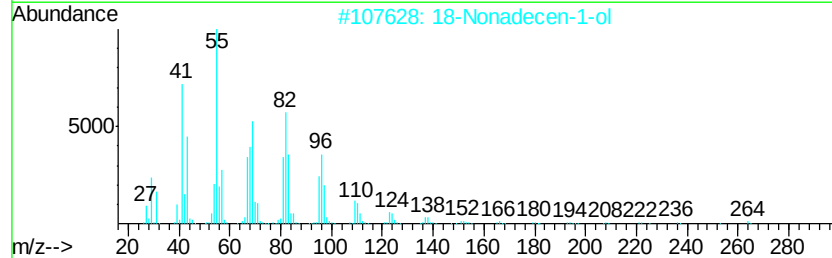
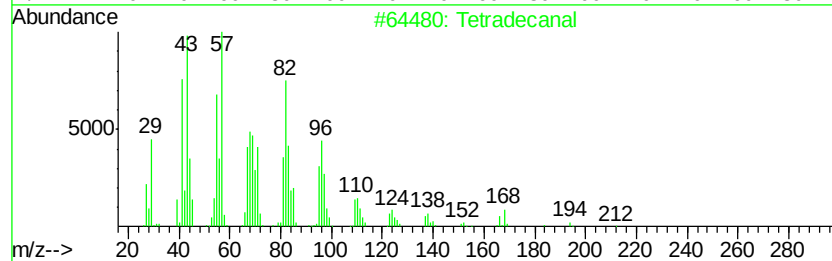
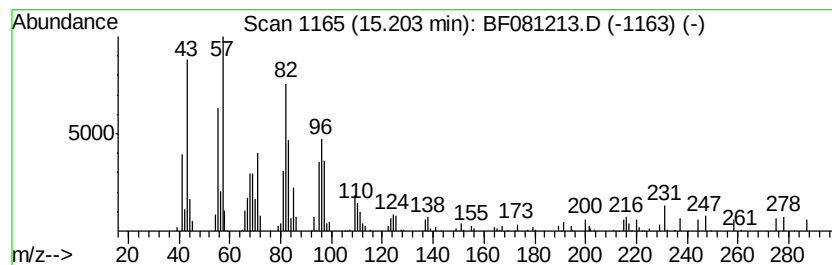
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradeanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.17 ng	66045	Perylene-d12	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradeanal	212	C14H28O	000124-25-4	90
2			18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64
3			1,12-Dodecanediol	202	C12H26O2	005675-51-4	53
4			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	49
5			1,13-Tetradecadiene	194	C14H26	021964-49-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
Sample : G3407-10 5X
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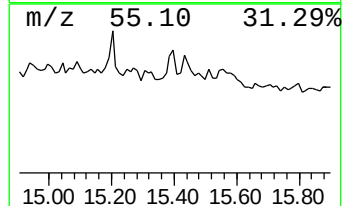
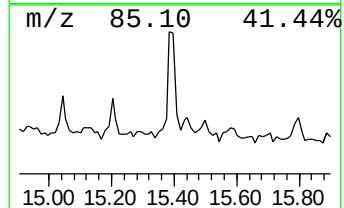
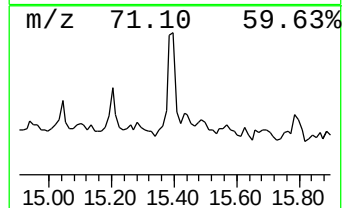
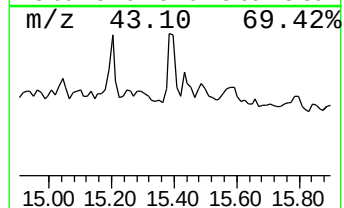
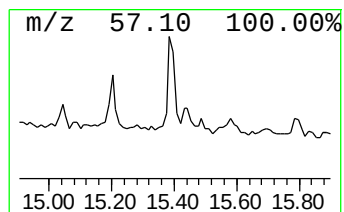
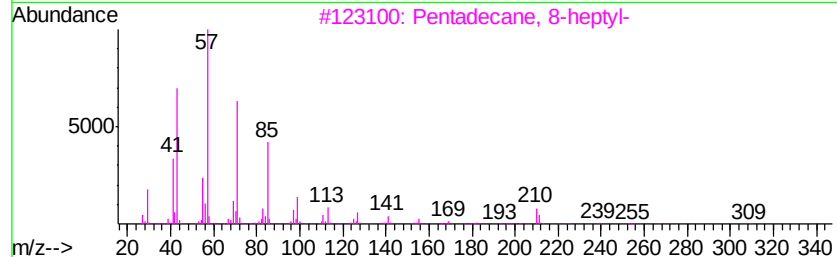
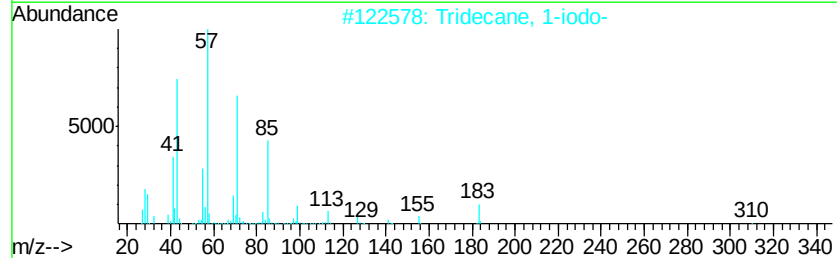
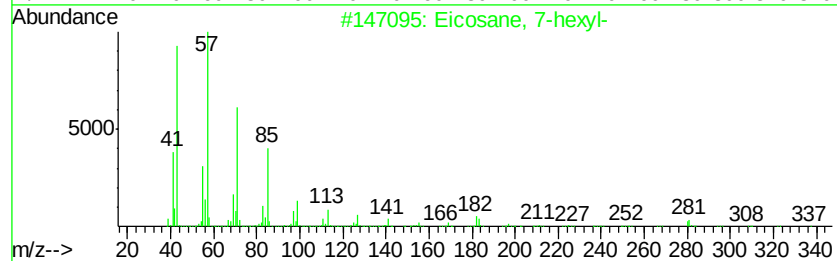
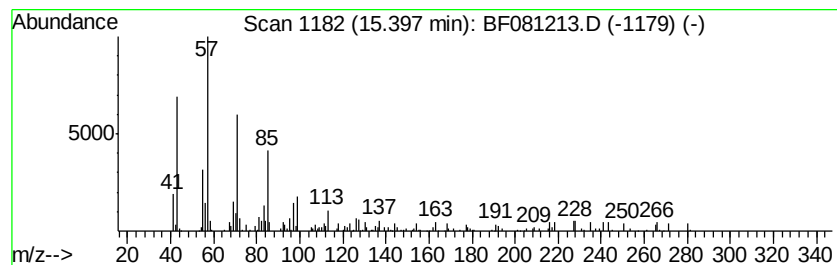
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.06 ng	80203	Perylene-d12	14.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	72
2	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	64
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	64
4	Octacosane	394 C28H58	000630-02-4	64
5	Pentacosane	352 C25H52	000629-99-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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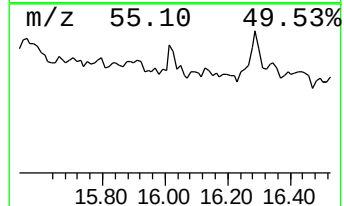
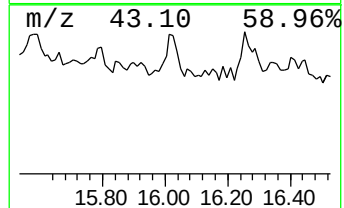
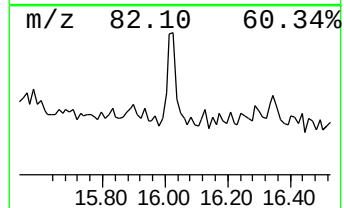
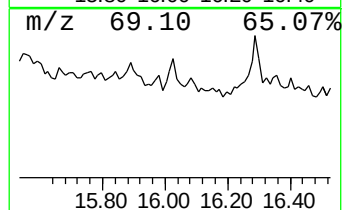
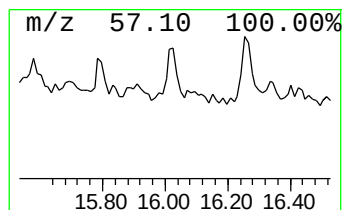
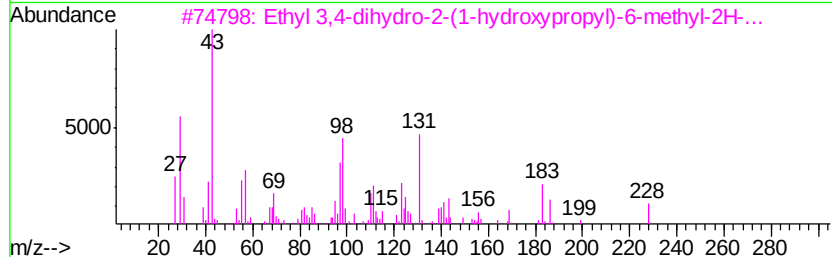
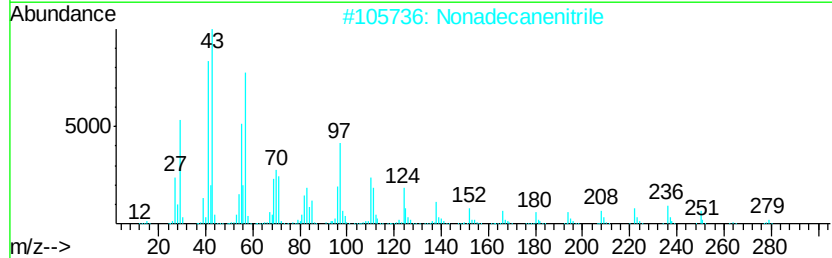
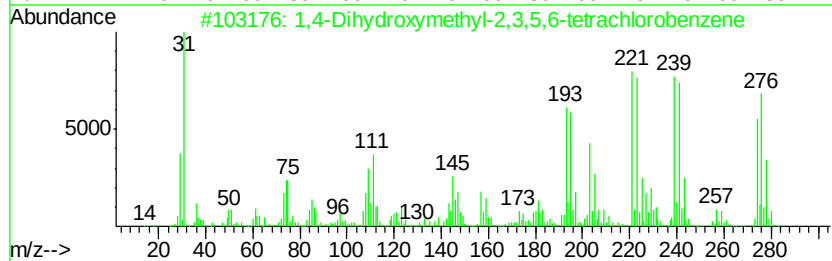
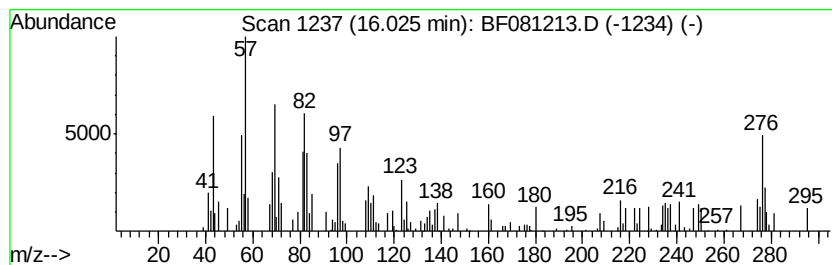
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.28 ng	67830	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydroxymethyl-2,3,5,6-tetr...	274	C8H6Cl4O2	007154-26-9	22
2		Nonadecanenitrile	279	C19H37N	028623-46-3	18
3		Ethyl 3,4-dihydro-2-(1-hydroxypr...	228	C12H20O4	088525-44-4	11
4		Cyclohexanone, 2-(1-methyl-2-oxo...	168	C10H16O2	067722-25-2	10
5		Cyclopentanecarboxylic acid, phe...	190	C12H14O2	054758-32-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Sample : G3407-10 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

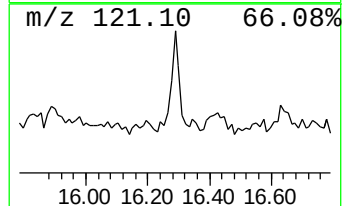
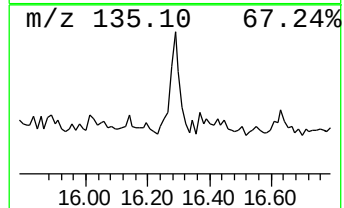
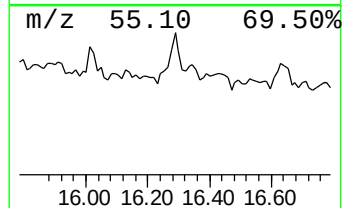
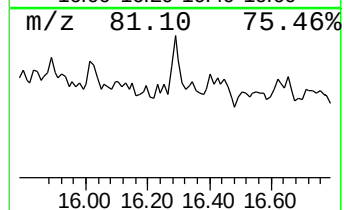
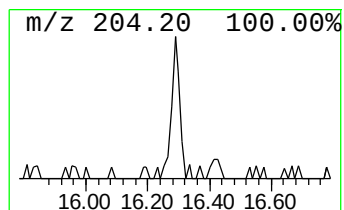
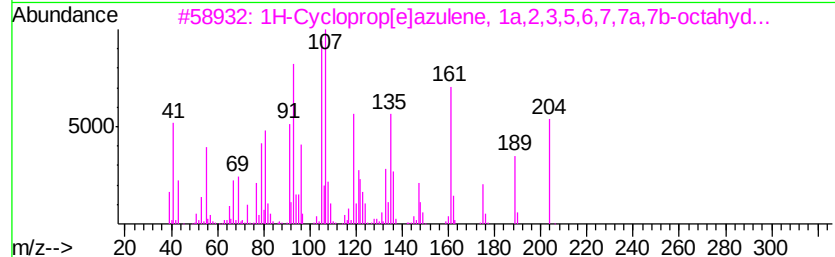
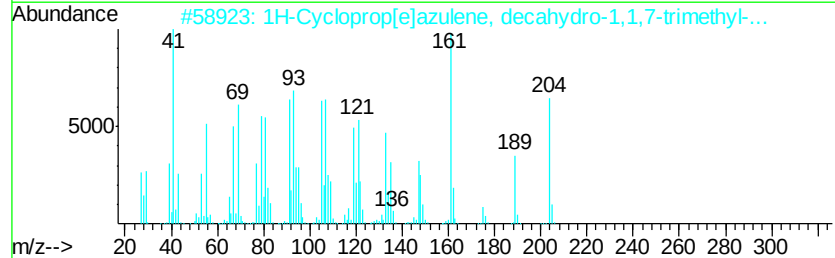
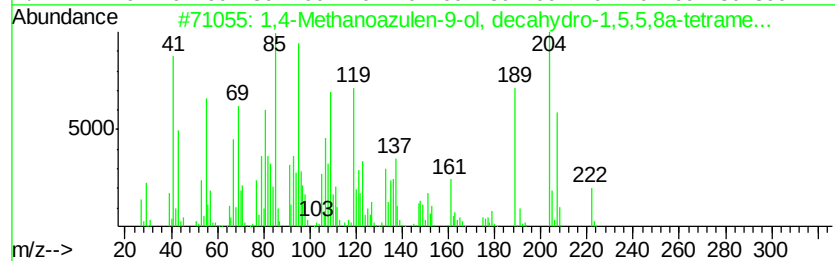
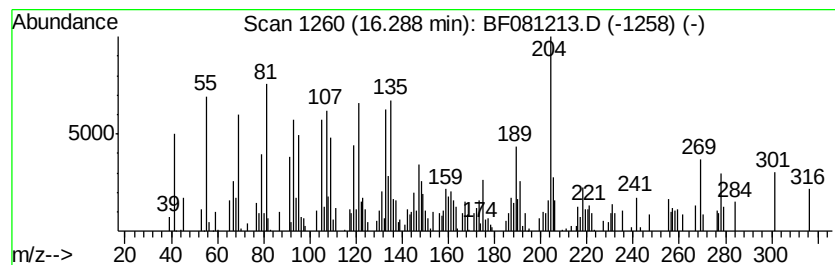
Instrument :
BNA_F
ClientSampleId :
P004-BF003-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,4-Methanoazulen-9-ol, dec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	9.31 ng	147655	Perylene-d12	14.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Methanoazulen-9-ol, decahydr...	222 C15H26O	000465-24-7	83
2	1H-Cycloprop[e]azulene, decahydr...	204 C15H24	000489-39-4	83
3	1H-Cycloprop[e]azulene, 1a,2,3,5...	204 C15H24	021747-46-6	78
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3	58
5	1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081213.D
Acq On : 25 Aug 2015 22:41
Operator : UM/IZ
Sample : G3407-10 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-BF003-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.62	16.5	ng	372405	1	6.53	451821	20.0
unknown6.30	6.30	23.8	ng	538002	1	6.53	451821	20.0
Dodecanoic acid	11.59	2.4	ng	62352	4	11.03	510594	20.0
Trichloroacetic a...	13.53	3.0	ng	86318	5	13.65	578812	20.0
17-Pentatriacontene	14.16	3.5	ng	101134	5	13.65	578812	20.0
Oxirane, hexadecyl-	14.57	4.0	ng	63560	6	14.99	317042	20.0
Trichloroacetic a...	14.76	7.8	ng	124030	6	14.99	317042	20.0
Perylene	14.87	4.3	ng	67305	6	14.99	317042	20.0
Tetradecanal	15.20	4.2	ng	66045	6	14.99	317042	20.0
Eicosane, 7-hexyl-	15.40	5.1	ng	80203	6	14.99	317042	20.0
unknown16.03	16.03	4.3	ng	67830	6	14.99	317042	20.0
1,4-Methanoazulen...	16.29	9.3	ng	147655	6	14.99	317042	20.0