

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092336.D
 Acq On : 18 Jan 2017 00:46
 Operator : UM/SJ
 Sample : I1162-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

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-BF122116.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	4.667	249	252	269	rBV	1226774	1866416	39.53%	4.396%
2	5.147	291	294	308	rBV	2458796	4157181	88.04%	9.790%
3	6.221	386	388	395	rBV	4052483	4722090	100.00%	11.121%
4	6.324	395	397	400	rVB	4503801	4137619	87.62%	9.744%
5	6.553	414	417	420	rBV	1217565	1098103	23.25%	2.586%
6	6.713	428	431	433	rBV	2194561	2987231	63.26%	7.035%
7	7.124	465	467	470	rBV	2626600	2447895	51.84%	5.765%
8	7.845	527	530	532	rBV	1169351	1319189	27.94%	3.107%
9	8.919	621	624	627	rBV	4685140	4273930	90.51%	10.065%
10	9.319	657	659	662	rBV	331188	325455	6.89%	0.766%
11	9.536	676	678	680	rBV	48890	47899	1.01%	0.113%
12	9.582	680	682	685	rBV	1691475	1797487	38.07%	4.233%
13	10.039	720	722	724	rVB	112102	96556	2.04%	0.227%
14	10.256	738	741	742	rBV	42942	49788	1.05%	0.117%
15	10.370	749	751	754	rBV2	2112547	2749353	58.22%	6.475%
16	10.508	761	763	767	rVB	141356	163918	3.47%	0.386%
17	10.953	800	802	803	rBV	99524	86634	1.83%	0.204%
18	11.068	809	812	814	rBV	1211266	1680670	35.59%	3.958%
19	11.616	858	860	864	rBV2	163658	188160	3.98%	0.443%
20	12.268	915	917	919	rBV	128801	139650	2.96%	0.329%
21	12.405	927	929	934	rBV	26865	54843	1.16%	0.129%
22	12.496	934	937	939	rBV2	200710	299169	6.34%	0.705%
23	12.565	942	943	946	rVB2	54760	55548	1.18%	0.131%
24	12.645	948	950	953	rBV	3242305	3414240	72.30%	8.041%
25	12.896	969	972	974	rBV	51724	55849	1.18%	0.132%
26	13.194	995	998	1000	rBV	99096	111111	2.35%	0.262%
27	13.239	1000	1002	1006	rVB3	31135	52990	1.12%	0.125%
28	13.571	1028	1031	1039	rBV3	117104	298211	6.32%	0.702%
29	13.685	1039	1041	1044	rBV	930398	1263488	26.76%	2.976%
30	14.188	1081	1085	1086	rBV2	30745	49340	1.04%	0.116%
31	14.542	1113	1116	1119	rBV	58309	76100	1.61%	0.179%
32	14.691	1127	1129	1134	rBV	80460	141331	2.99%	0.333%
33	14.771	1134	1136	1139	rBV2	52571	98493	2.09%	0.232%
34	14.942	1149	1151	1154	rBV	43030	50861	1.08%	0.120%

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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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.000	1154	1156	1158	rBV	52966	63423	1.34%	0.149%
36	15.045	1158	1160	1162	rBV	864783	1043663	22.10%	2.458%
37	15.434	1192	1194	1198	rBV	72407	120867	2.56%	0.285%
38	15.525	1198	1202	1210	rVV10	20030	85866	1.82%	0.202%
39	15.845	1227	1230	1236	rVB2	68781	135320	2.87%	0.319%
40	16.280	1265	1268	1270	rBV	32837	72675	1.54%	0.171%
41	16.325	1270	1272	1278	rVB	61315	118286	2.50%	0.279%
42	16.645	1297	1300	1304	rBV	23103	47733	1.01%	0.112%
43	16.885	1317	1321	1327	rVB2	50829	137128	2.90%	0.323%
44	17.080	1334	1338	1347	rVB2	19818	94044	1.99%	0.221%
45	17.537	1375	1378	1386	rVB2	37374	96682	2.05%	0.228%
46	18.326	1442	1447	1452	rBV	24344	88927	1.88%	0.209%

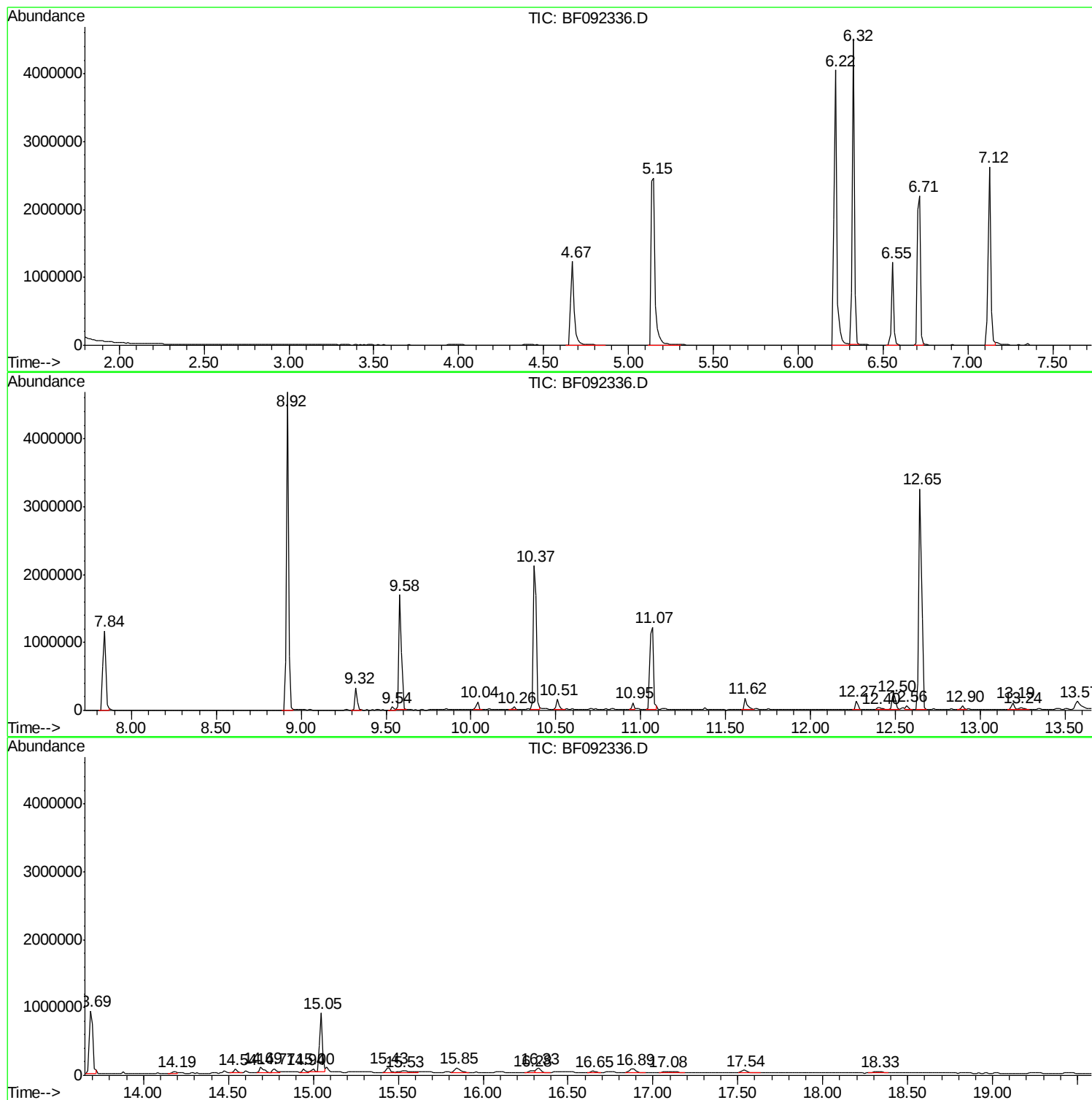
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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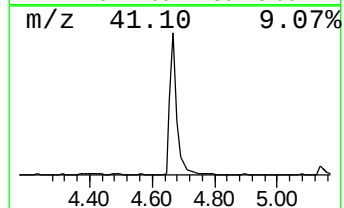
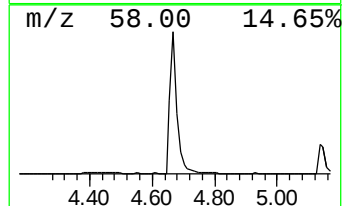
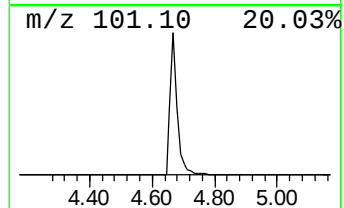
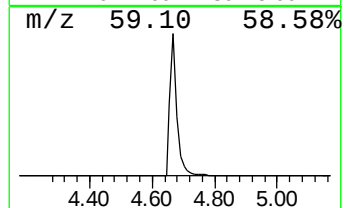
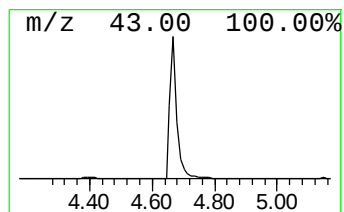
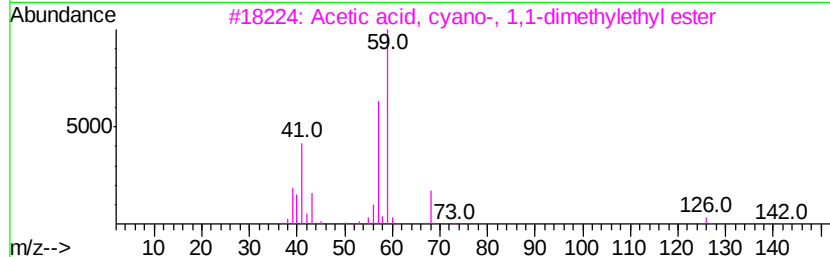
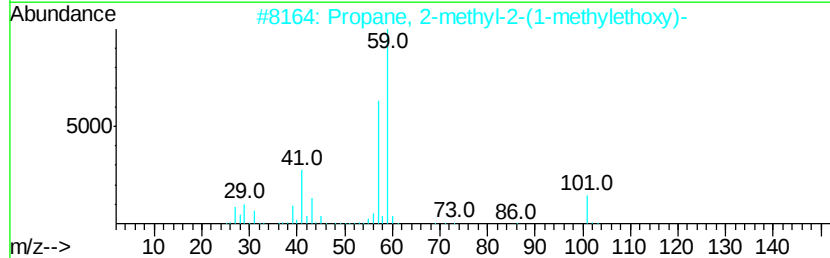
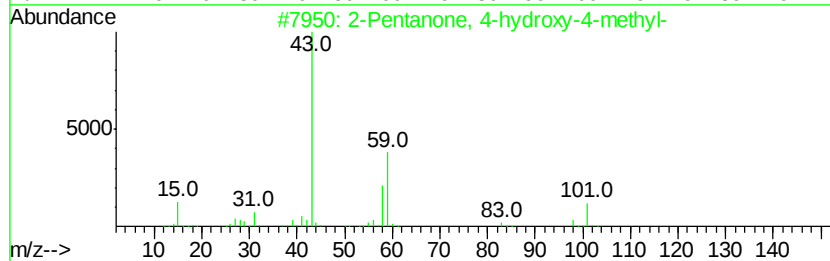
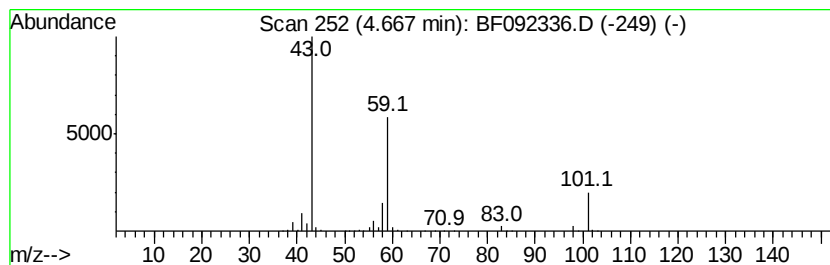
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.67	33.99 ng	1866420	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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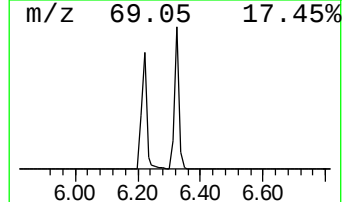
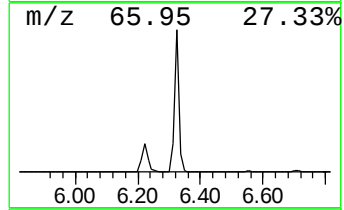
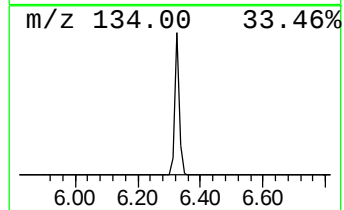
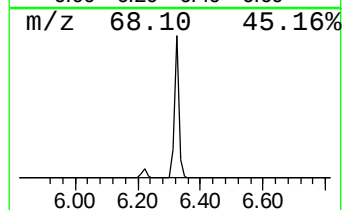
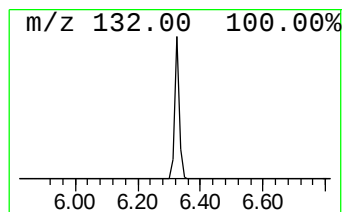
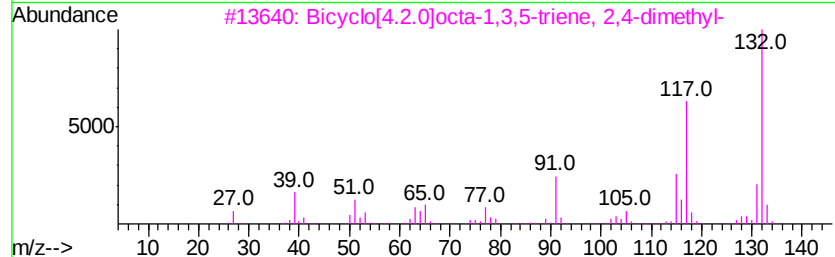
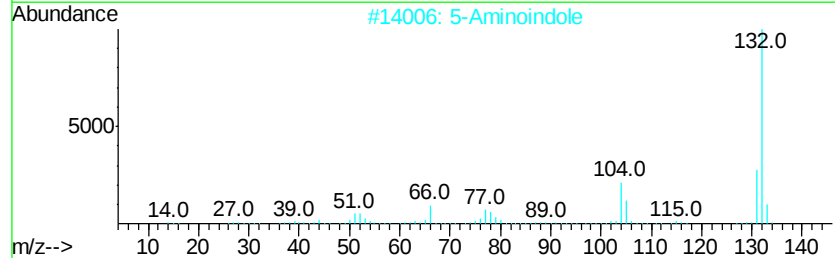
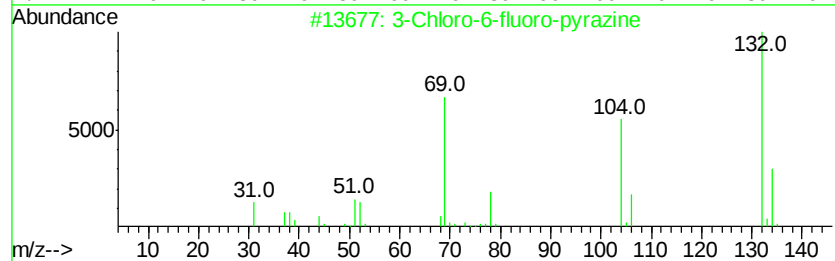
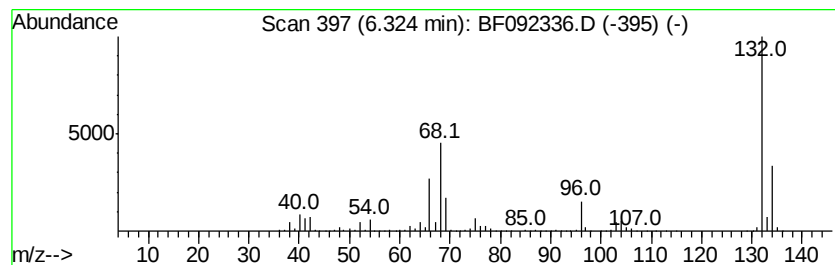
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	75.36 ng	4137620	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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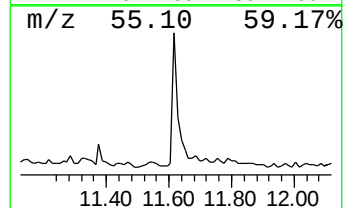
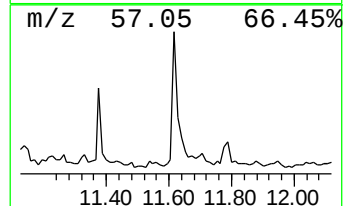
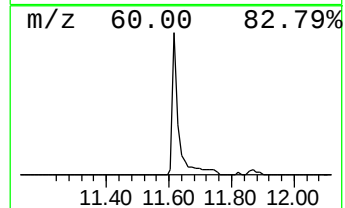
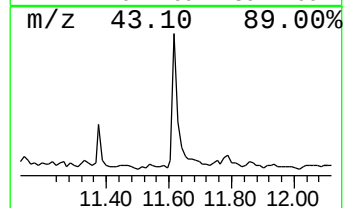
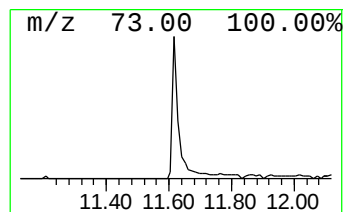
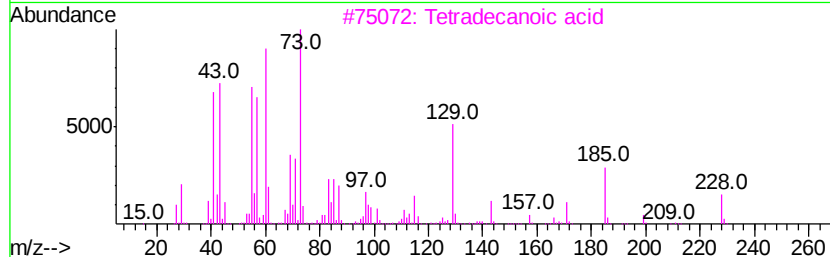
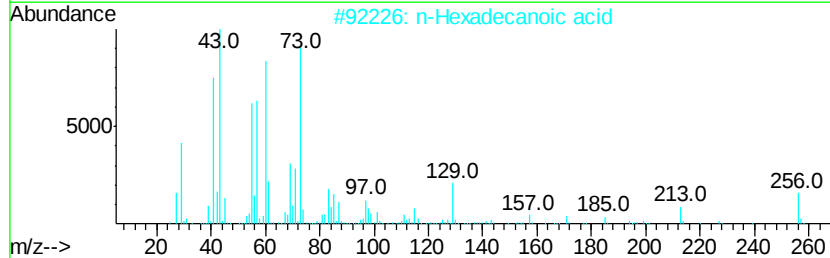
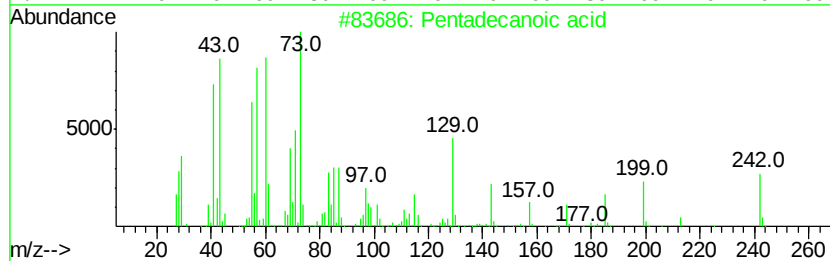
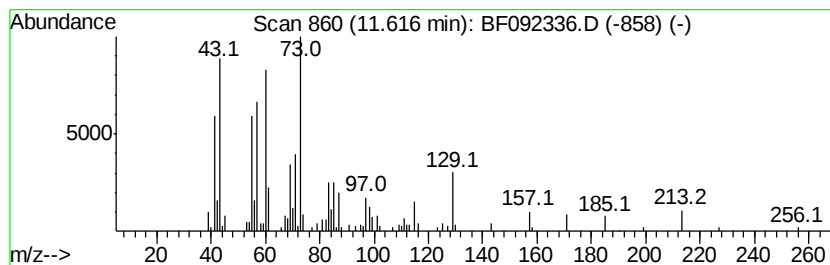
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.24 ng	188160	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Hexadecane	226	C16H34	000544-76-3	11



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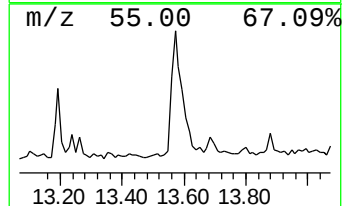
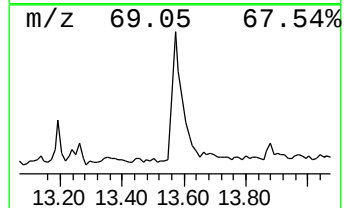
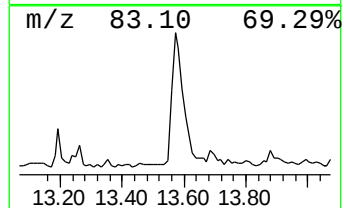
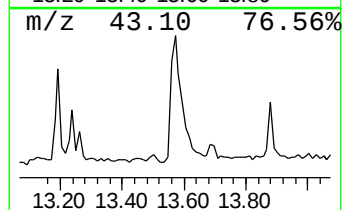
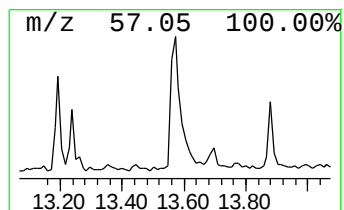
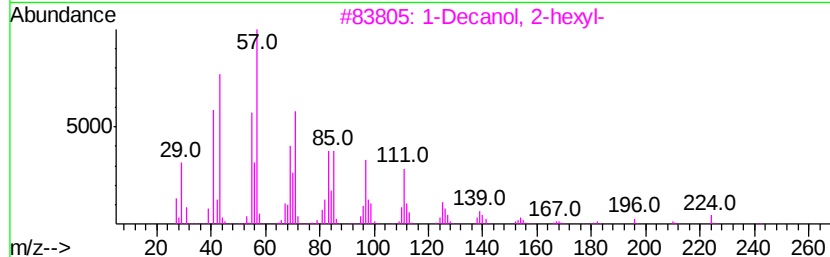
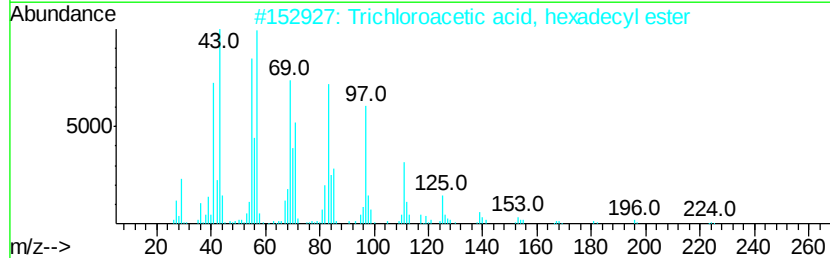
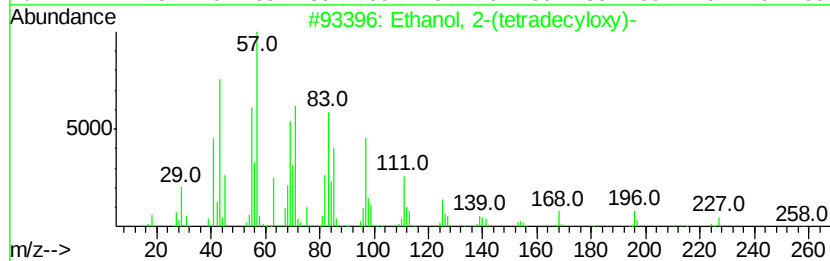
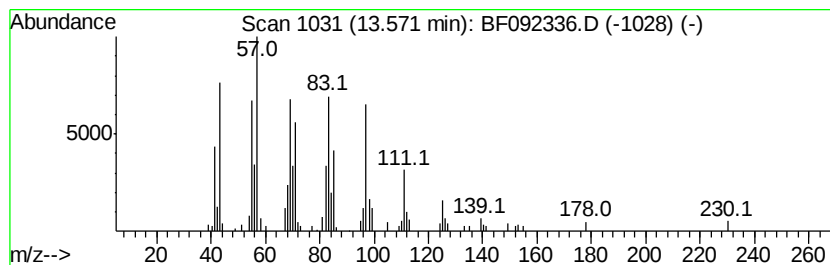
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.72 ng	298211	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4		1-Nonadecene	266	C19H38	018435-45-5	70
5		1-Octadecanol	270	C18H38O	000112-92-5	70



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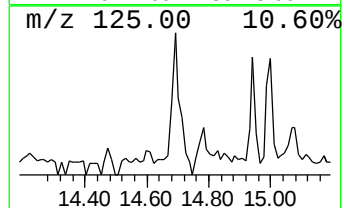
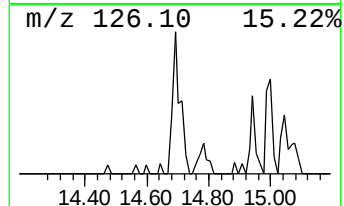
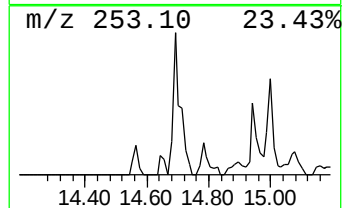
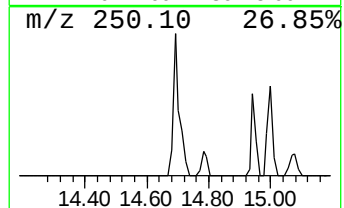
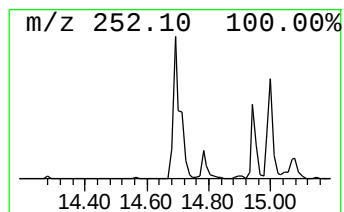
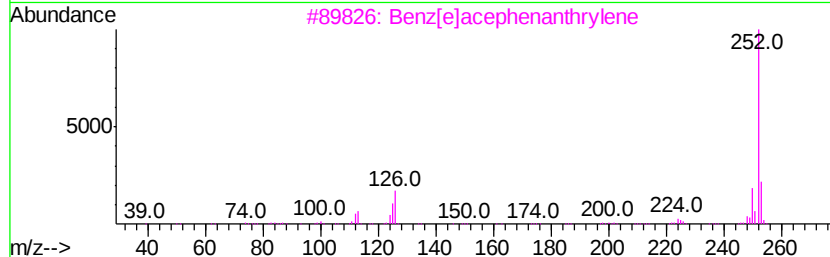
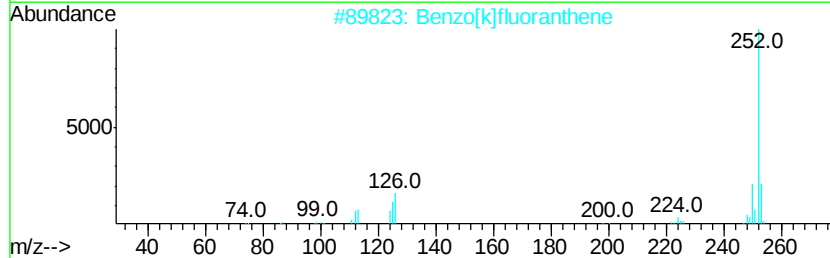
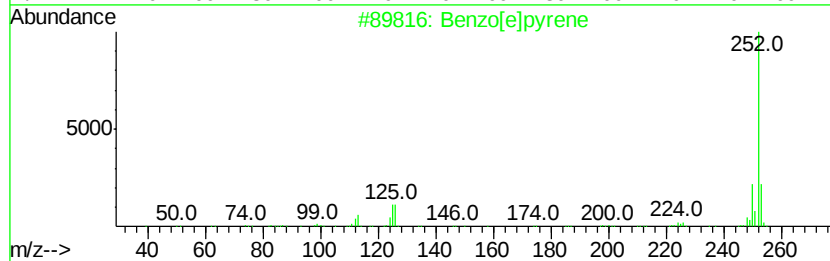
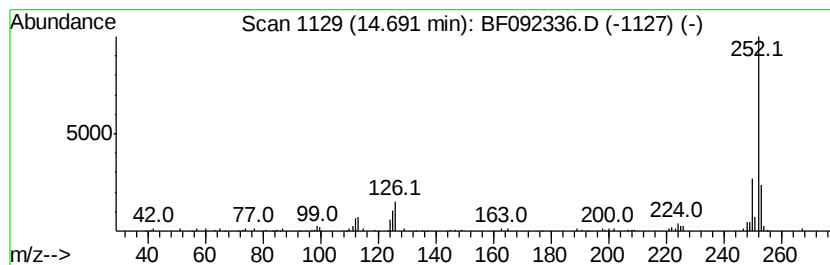
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.71 ng	141331	Perylene-d12	15.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092336.D
Acq On : 18 Jan 2017 00:46
Operator : UM/SJ
Sample : I1162-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

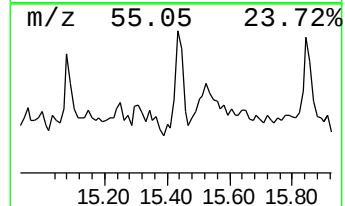
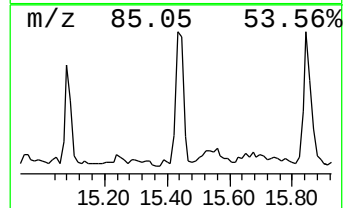
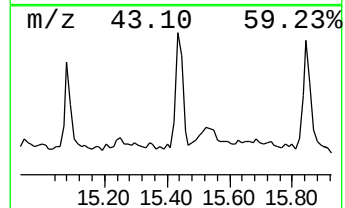
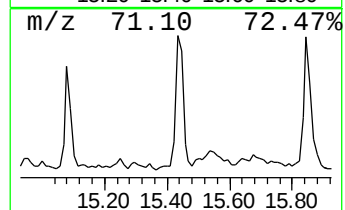
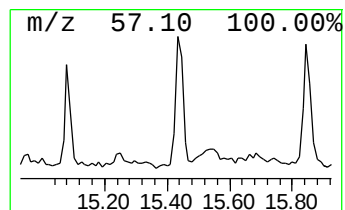
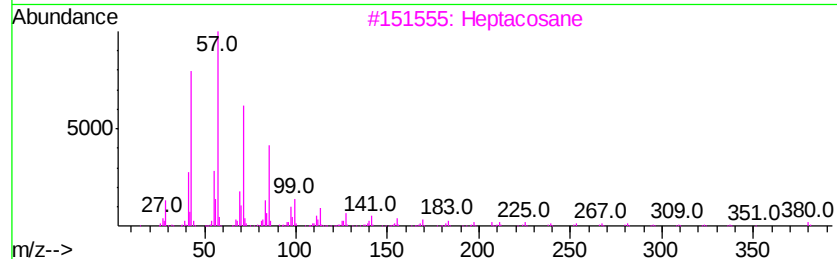
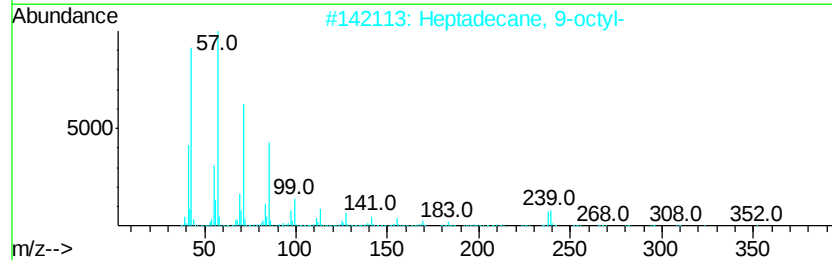
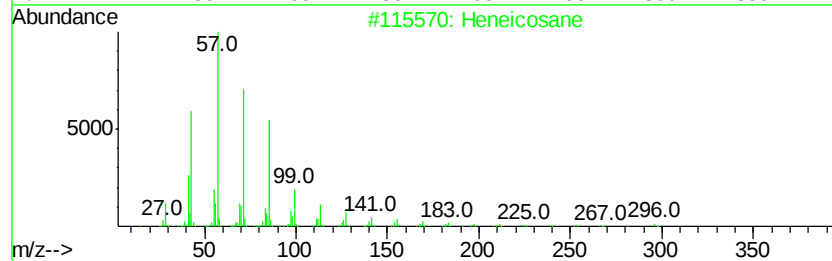
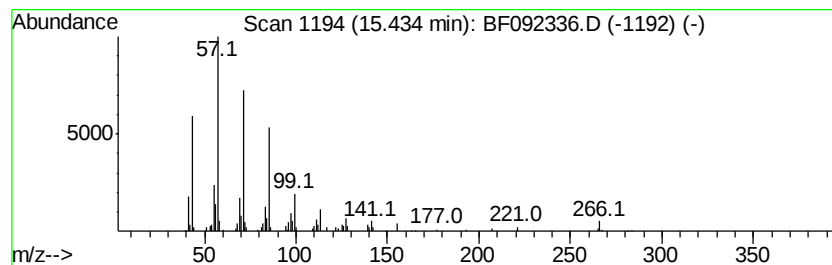
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.32 ng	120867	Perylene-d12	15.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	Heptacosane	380 C27H56	000593-49-7	91
4	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
5	Nonacosane	408 C29H60	000630-03-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092336.D
Acq On : 18 Jan 2017 00:46
Operator : UM/SJ
Sample : I1162-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

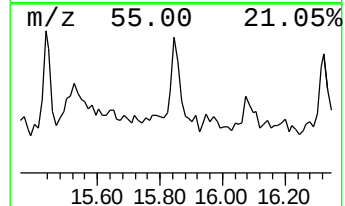
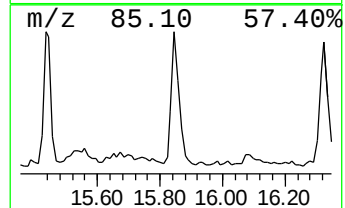
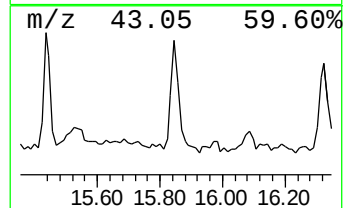
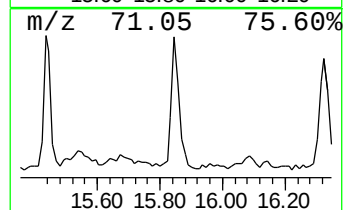
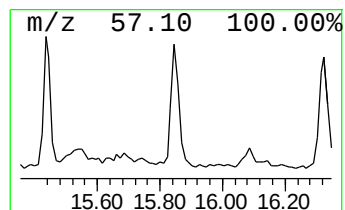
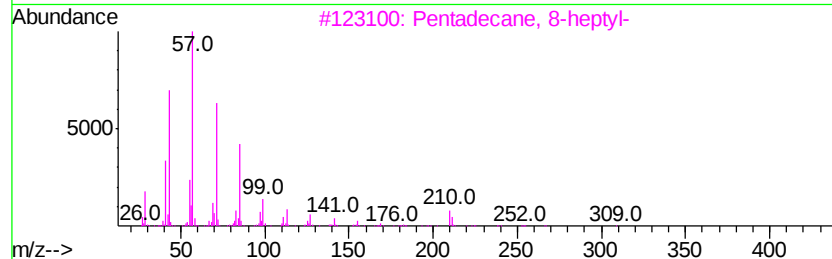
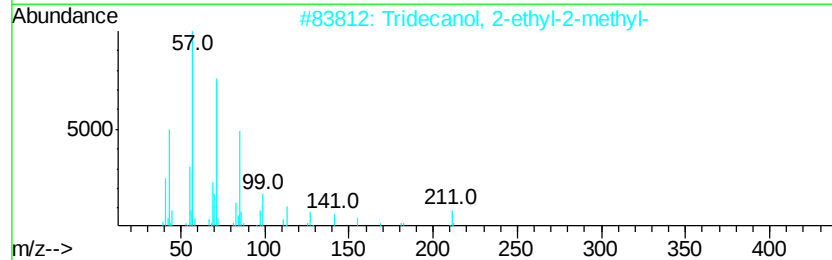
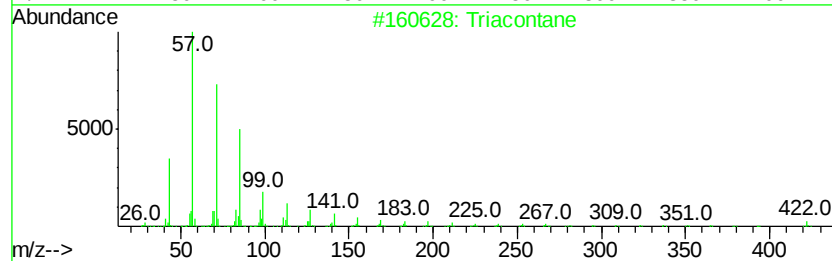
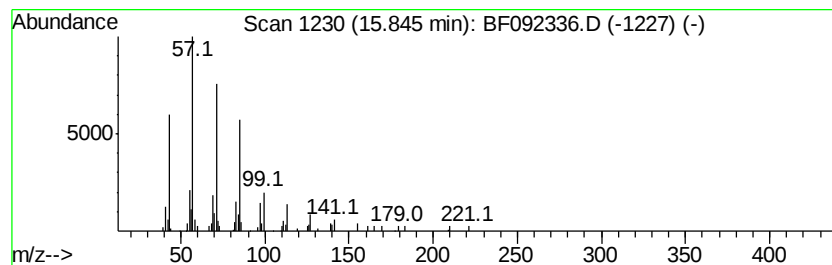
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.59 ng	135320	Perylene-d12	15.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triacontane	422 C30H62	000638-68-6 91
2		Tridecanol, 2-ethyl-2-methyl-	242 C16H34O	1000115-66-1 90
3		Pentadecane, 8-heptyl-	310 C22H46	071005-15-7 90
4		Heneicosane	296 C21H44	000629-94-7 87
5		Octacosane	394 C28H58	000630-02-4 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
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Acq On : 18 Jan 2017 00:46
Operator : UM/SJ
Sample : I1162-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

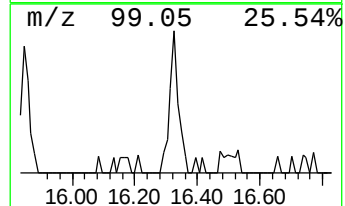
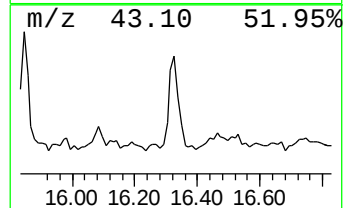
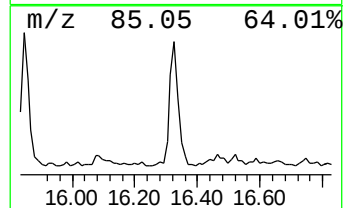
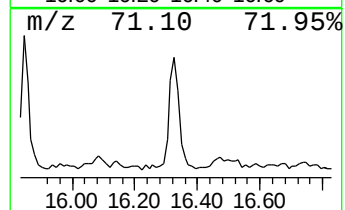
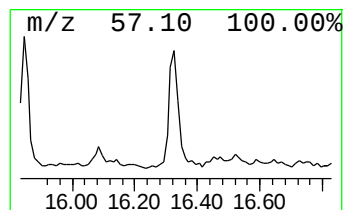
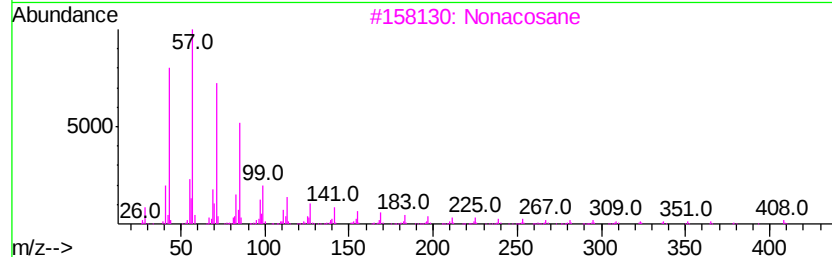
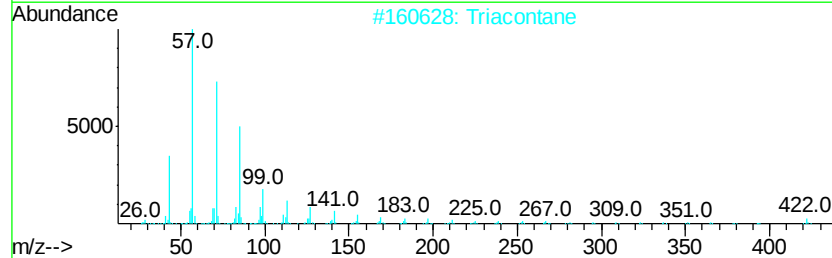
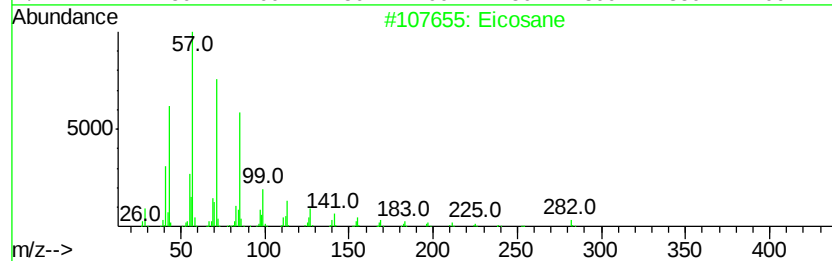
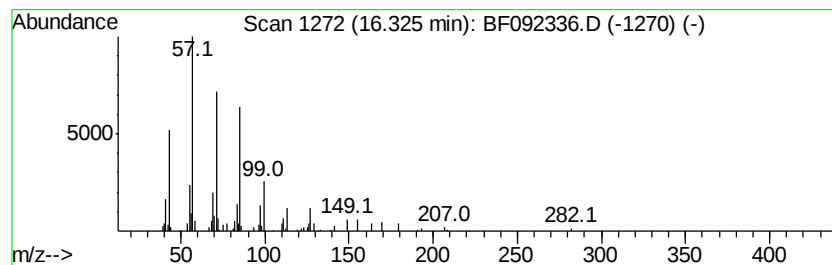
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.27 ng	118286	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Triacontane	422	C30H62	000638-68-6	83
3		Nonacosane	408	C29H60	000630-03-5	78
4		Hentriacontane	437	C31H64	000630-04-6	64
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
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Sample : I1162-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.67	34.0	ng	1866420	1	6.55	1098100	20.0
unknown6.32	6.32	75.4	ng	4137620	1	6.55	1098100	20.0
Pentadecanoic acid	11.62	2.2	ng	188160	4	11.07	1680670	20.0
Ethanol, 2-(tetra...	13.57	4.7	ng	298211	5	13.69	1263490	20.0
Benzo[e]pyrene	14.69	2.7	ng	141331	6	15.05	1043660	20.0
Heneicosane	15.43	2.3	ng	120867	6	15.05	1043660	20.0
Triacontane	15.85	2.6	ng	135320	6	15.05	1043660	20.0
Eicosane	16.33	2.3	ng	118286	6	15.05	1043660	20.0