

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083629.D
 Acq On : 9 Dec 2015 8:39
 Operator : UM/IZ
 Sample : G4647-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-8(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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	3.527	158	161	178	rBV	426914	710164	22.44%	2.631%
2	3.984	199	201	218	rBV	1766674	3008711	95.06%	11.147%
3	5.276	311	314	323	rBV	1920907	3165159	100.00%	11.726%
4	5.402	323	325	337	rVB	2380641	3149398	99.50%	11.668%
5	5.699	348	351	360	rVB	726029	888321	28.07%	3.291%
6	5.916	367	370	383	rVB	1613322	1995716	63.05%	7.394%
7	6.533	421	424	437	rBV	1214020	1874612	59.23%	6.945%
8	7.608	515	518	529	rBV	655828	1063878	33.61%	3.941%
9	9.345	667	670	673	rBV	1998738	2382694	75.28%	8.827%
10	10.031	727	730	733	rBV	379779	462097	14.60%	1.712%
11	10.213	744	746	750	rVB2	23334	37355	1.18%	0.138%
12	10.385	759	761	766	rBV2	641958	1079314	34.10%	3.999%
13	10.796	791	797	799	rBV3	13975	36749	1.16%	0.136%
14	11.231	832	835	838	rBV	112840	135859	4.29%	0.503%
15	11.596	862	867	869	rVV2	29581	69524	2.20%	0.258%
16	11.676	872	874	881	rVV	765769	1317073	41.61%	4.880%
17	11.779	881	883	887	rVB2	22054	34785	1.10%	0.129%
18	12.008	899	903	907	rBV	83773	181792	5.74%	0.674%
19	12.694	961	963	965	rBV	23780	34689	1.10%	0.129%
20	12.739	965	967	969	rVV	40881	57359	1.81%	0.213%
21	12.785	969	971	978	rVB	588403	825697	26.09%	3.059%
22	13.837	1060	1063	1071	rBV2	73162	133235	4.21%	0.494%
23	14.202	1092	1095	1101	rBV	20090	49178	1.55%	0.182%
24	14.454	1114	1117	1120	rBV	19560	40142	1.27%	0.149%
25	14.557	1124	1126	1130	rVB	41435	63134	1.99%	0.234%
26	14.762	1140	1144	1147	rBV2	16301	33984	1.07%	0.126%
27	14.865	1149	1153	1156	rBV2	45962	76624	2.42%	0.284%
28	14.968	1159	1162	1168	rBV8	13319	52389	1.66%	0.194%
29	15.117	1173	1175	1178	rBV	75608	121066	3.82%	0.449%
30	15.254	1184	1187	1189	rBV2	47674	64800	2.05%	0.240%
31	15.414	1198	1201	1204	rBV	1253108	1627176	51.41%	6.028%
32	15.700	1223	1226	1229	rBV3	22171	44559	1.41%	0.165%
33	16.111	1259	1262	1265	rBV2	48016	78911	2.49%	0.292%
34	16.248	1271	1274	1276	rVB	137760	196182	6.20%	0.727%

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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-BF120815.M
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35	16.294	1276	1278	1282	rBV4	20906	41330	1.31%	0.153%
36	16.397	1285	1287	1289	rBV2	38522	64321	2.03%	0.238%
37	16.774	1318	1320	1323	rBV	36509	53733	1.70%	0.199%
38	16.923	1330	1333	1337	rBV3	152573	301442	9.52%	1.117%
39	17.003	1337	1340	1344	rVV	460595	762082	24.08%	2.823%
40	17.357	1369	1371	1374	rBV2	42933	64840	2.05%	0.240%
41	17.746	1403	1405	1408	rBV	95120	153873	4.86%	0.570%
42	18.637	1482	1483	1488	rVB	280294	457912	14.47%	1.696%

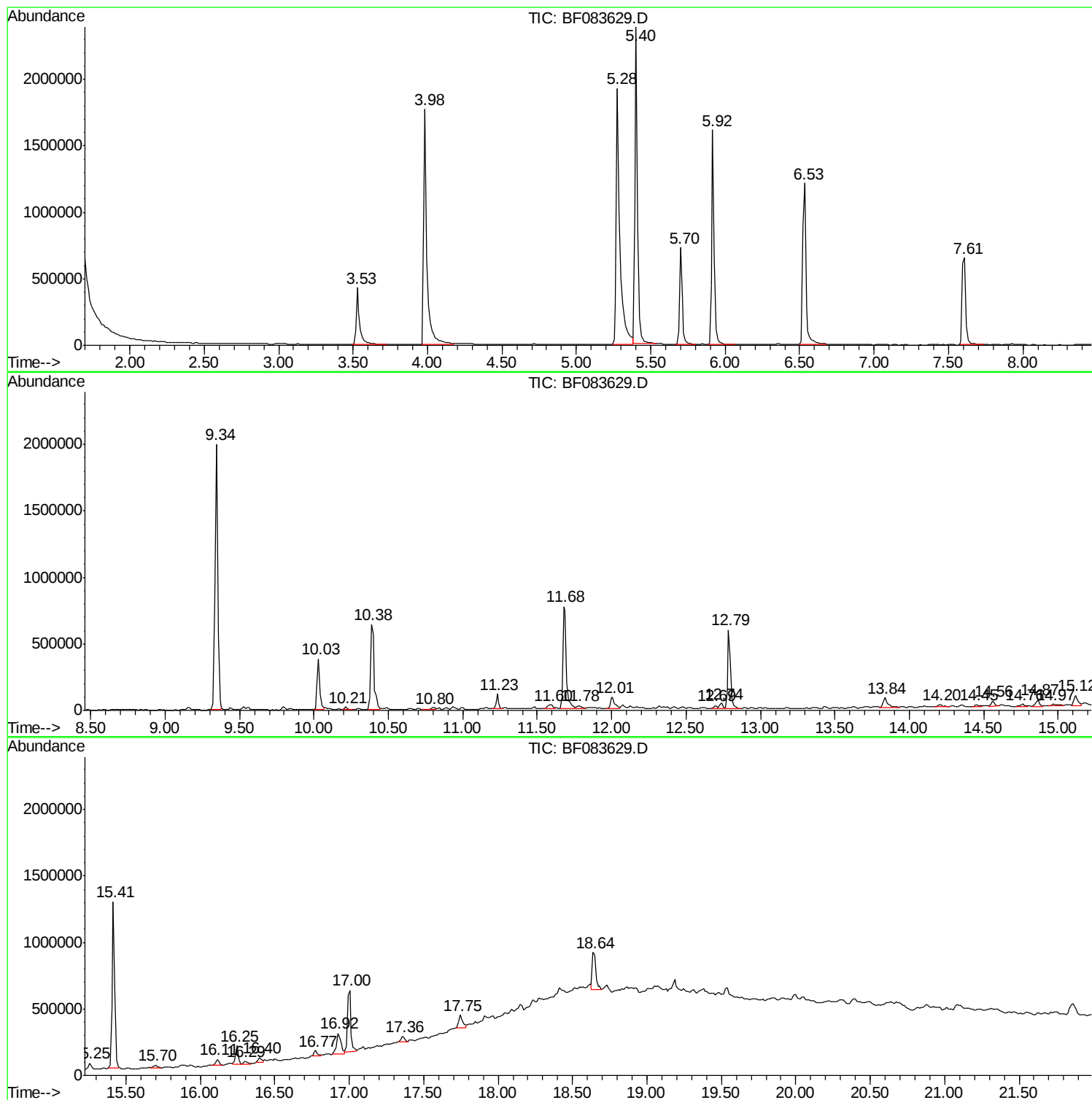
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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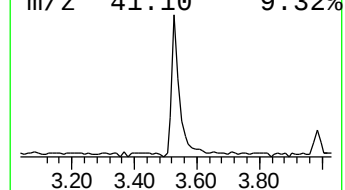
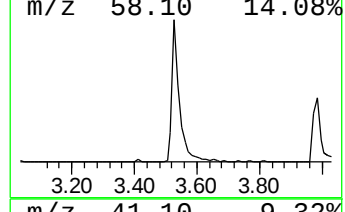
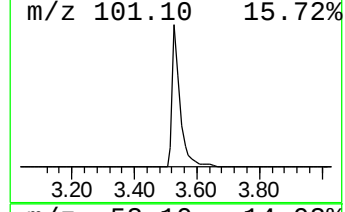
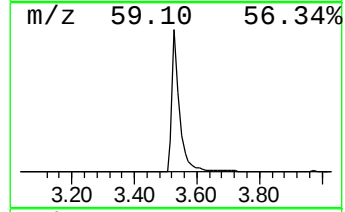
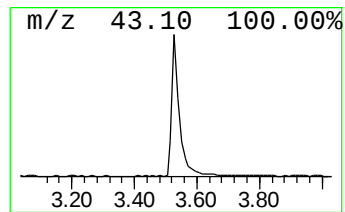
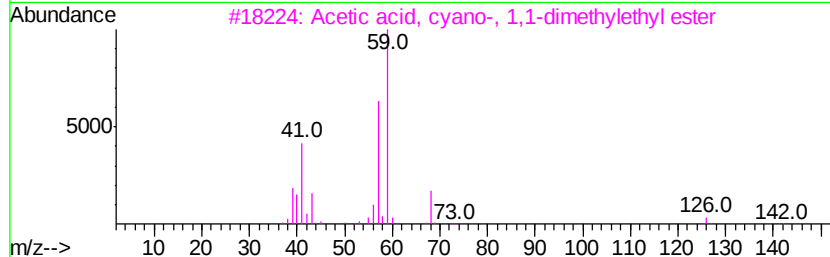
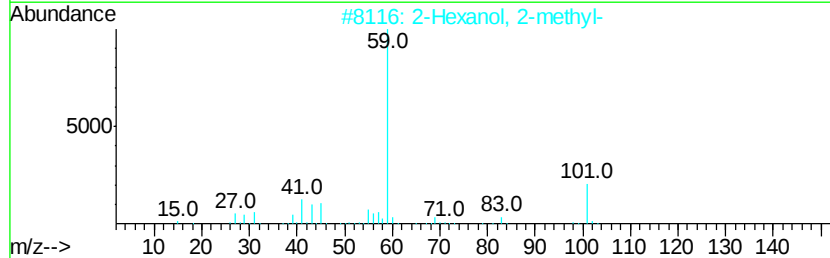
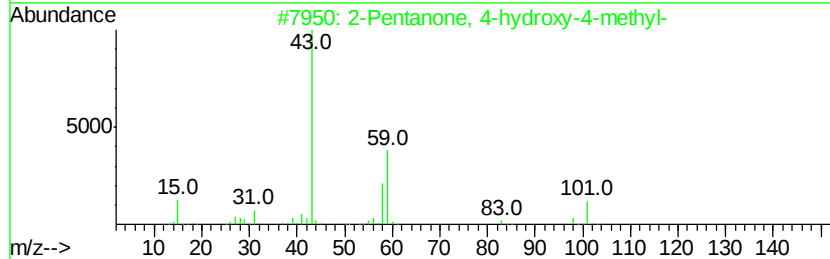
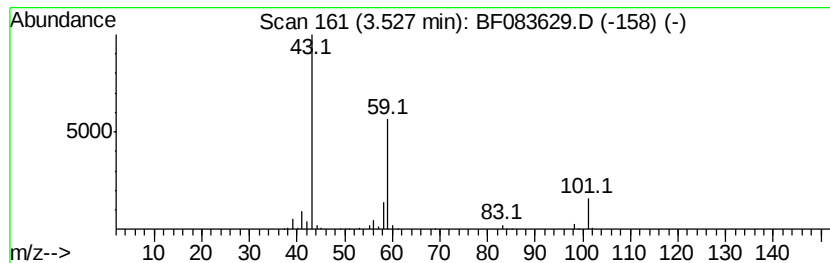
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.53	15.99 ng	710164	1,4-Dichlorobenzene-d4	5.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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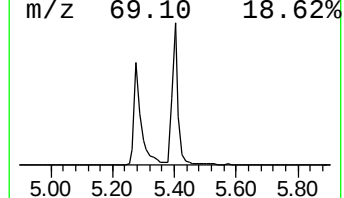
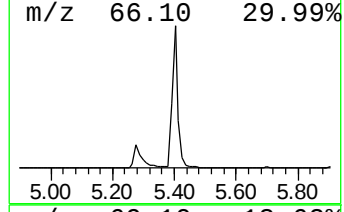
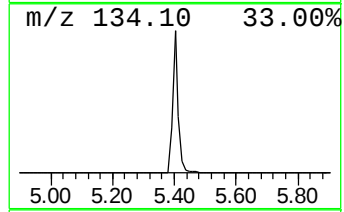
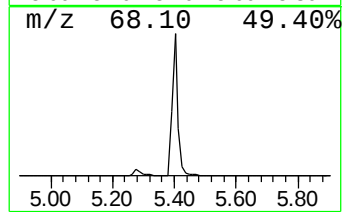
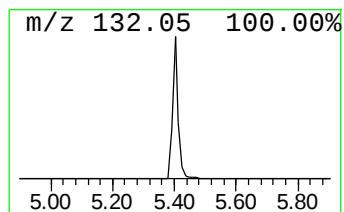
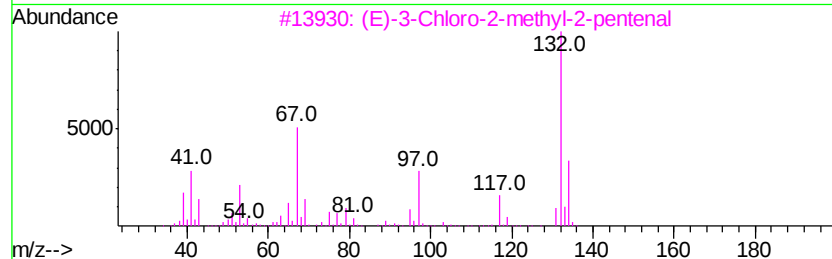
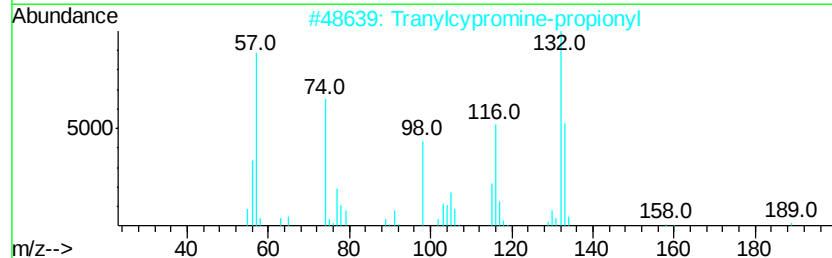
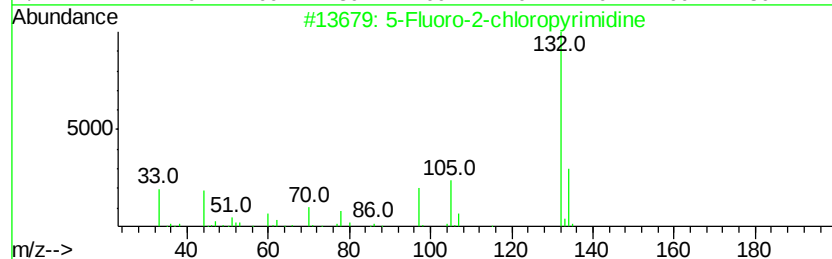
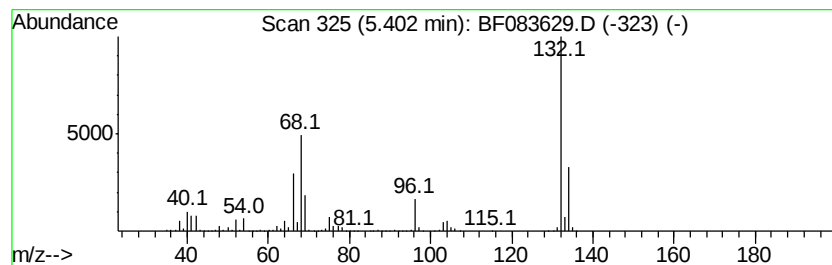
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Peak Number 2 unknown5.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	70.91 ng	3149400	1,4-Dichlorobenzene-d4	5.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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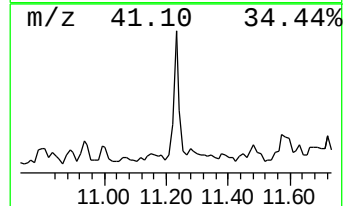
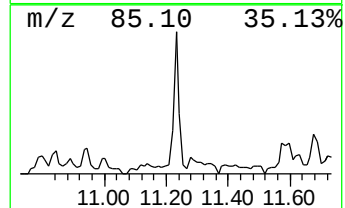
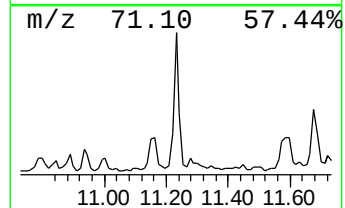
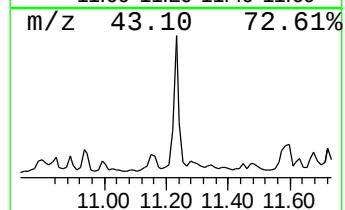
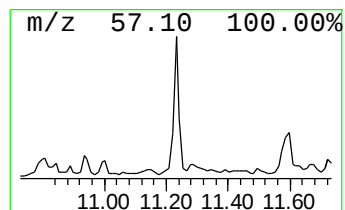
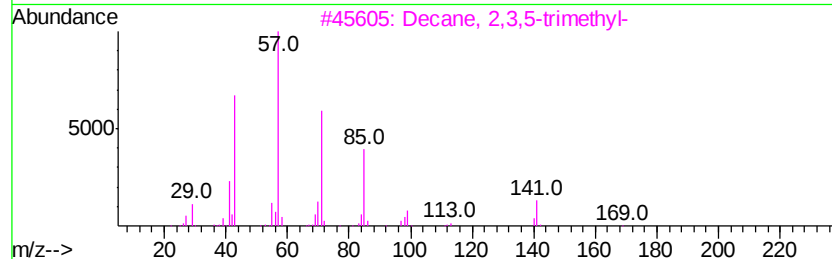
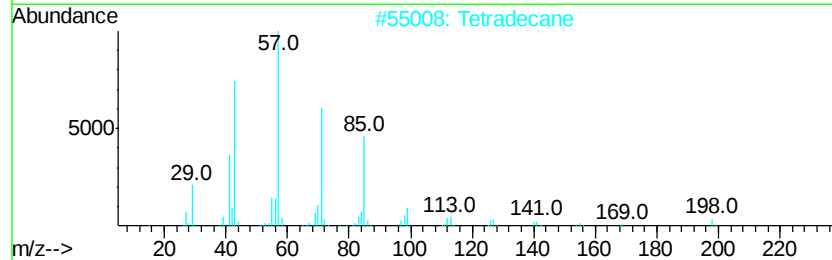
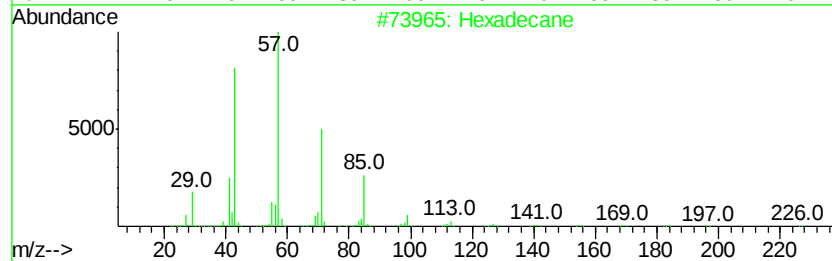
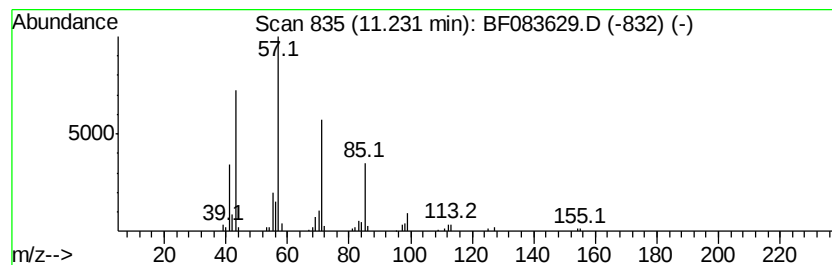
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.52 ng	135859	Acenaphthene-d10	10.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
4	Pentadecane		212	C15H32	000629-62-9	83
5	Eicosane		282	C20H42	000112-95-8	64



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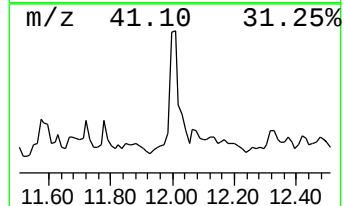
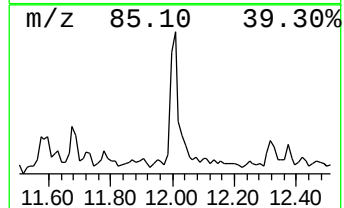
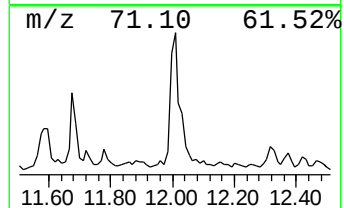
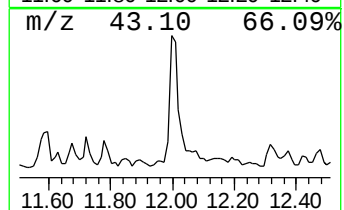
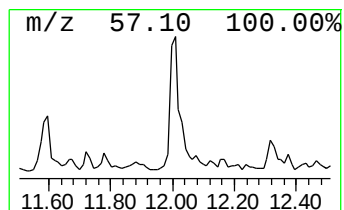
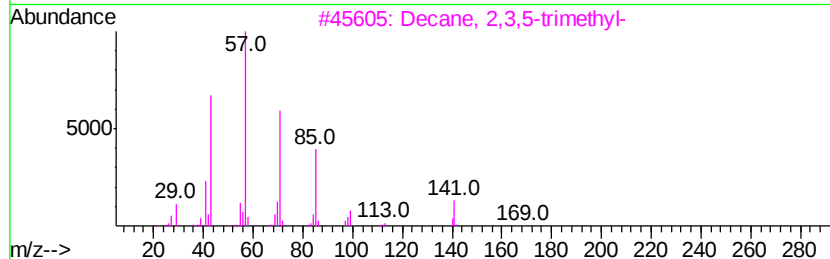
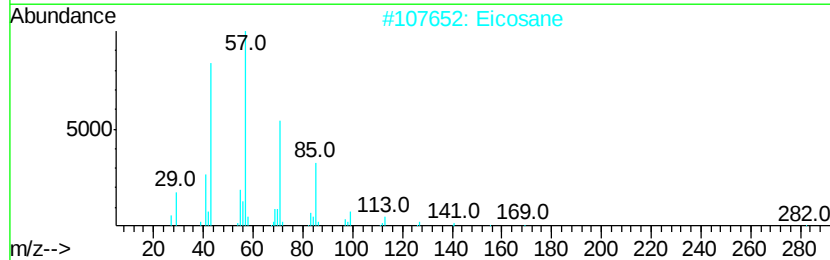
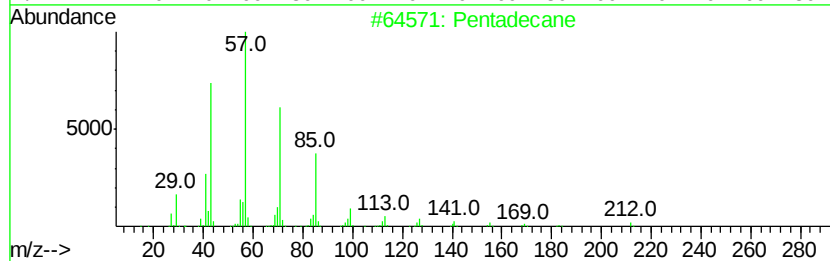
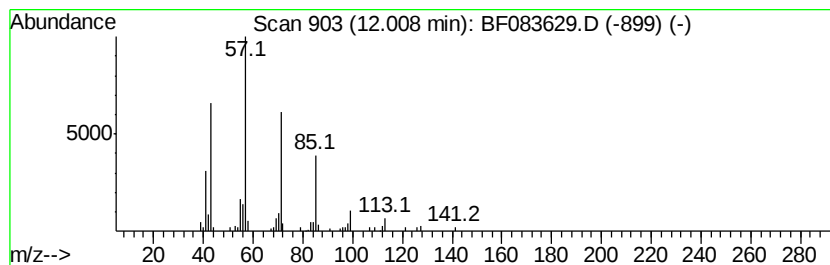
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.40 ng	181792	Phenanthrene-d10	12.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Eicosane		282	C20H42	000112-95-8	83
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
4	Tetratetracontane		619	C44H90	007098-22-8	83
5	Hexadecane		226	C16H34	000544-76-3	80



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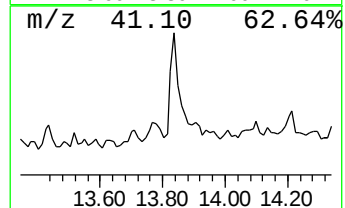
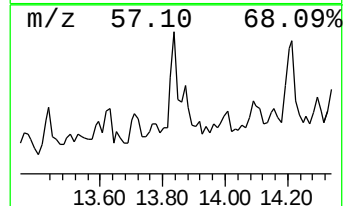
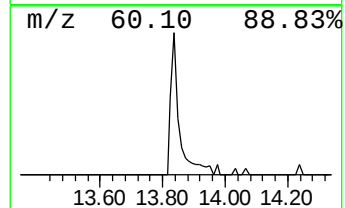
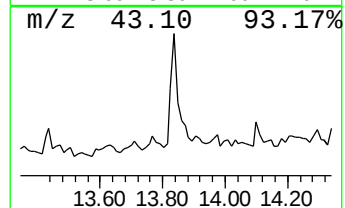
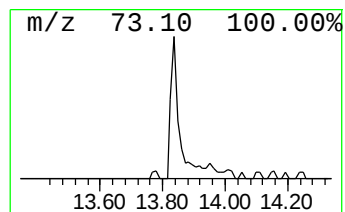
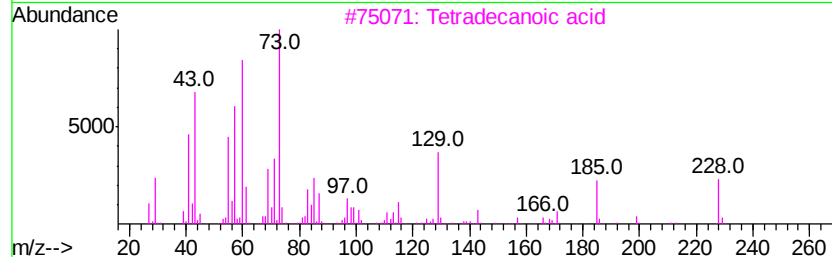
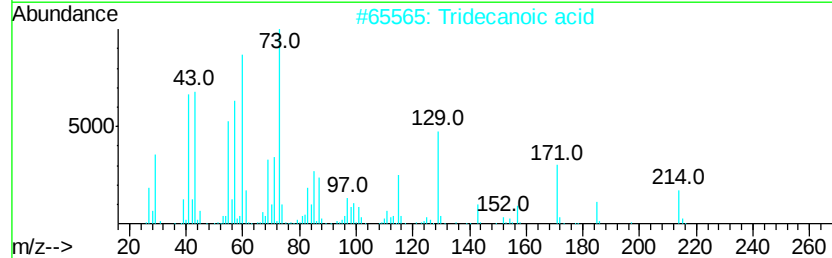
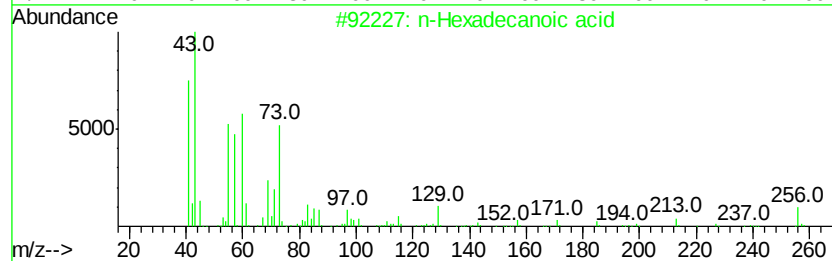
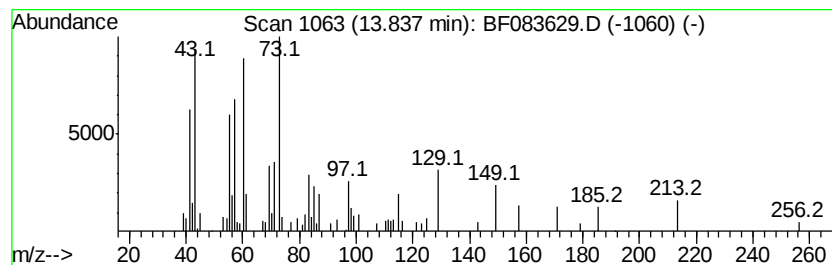
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.84	3.23 ng	133235	Phenanthrene-d10		12.79
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083629.D
Acq On : 9 Dec 2015 8:39
Operator : UM/IZ
Sample : G4647-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-8(0-2)

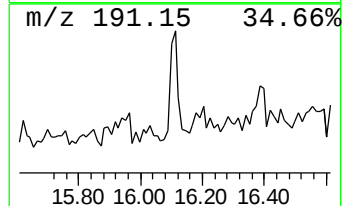
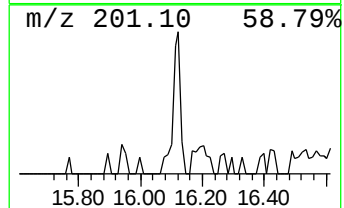
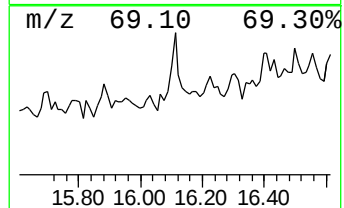
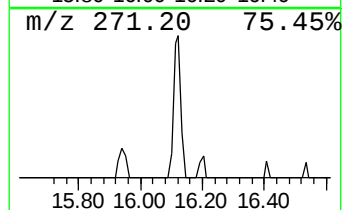
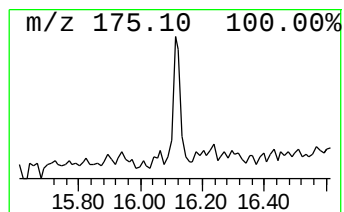
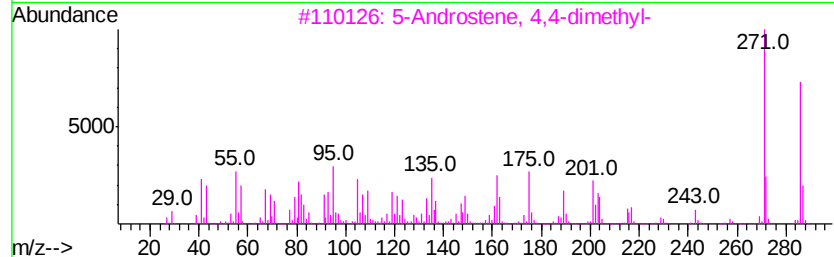
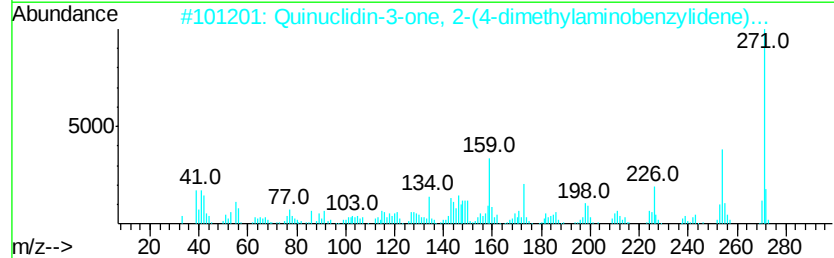
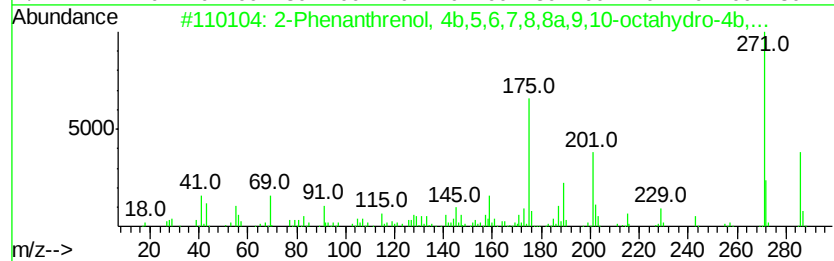
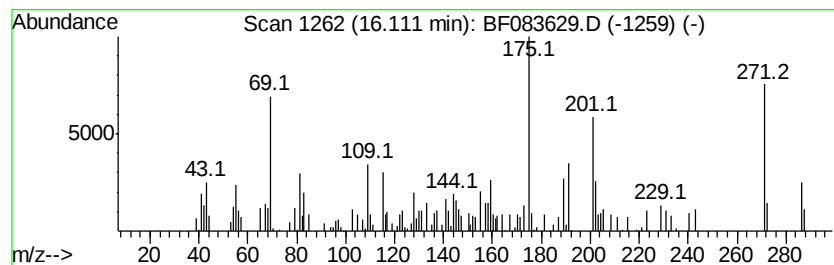
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.07 ng	78911	Chrysene-d12	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
2		Quinuclidin-3-one, 2-(4-dimethyl...	271	C16H21N3O	1000266-14-6	22
3		5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	11
4		m-(1-Cyanoethyl)benzoic acid	175	C10H9NO2	005537-71-3	11
5		6H-Indeno[1,2-d][1,2,4]-triazolo...	271	C16H9N5	1000286-52-6	11



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Operator : UM/IZ
Sample : G4647-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-8(0-2)

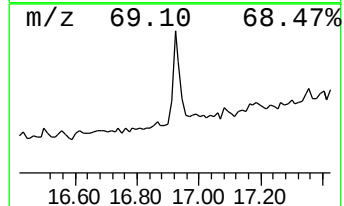
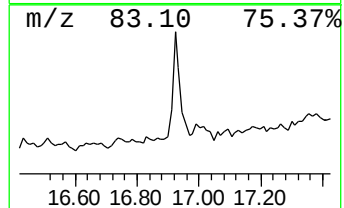
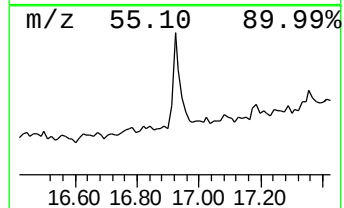
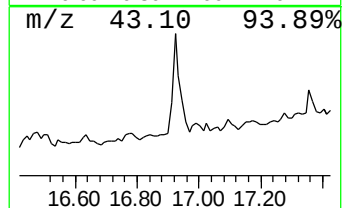
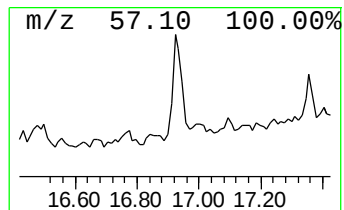
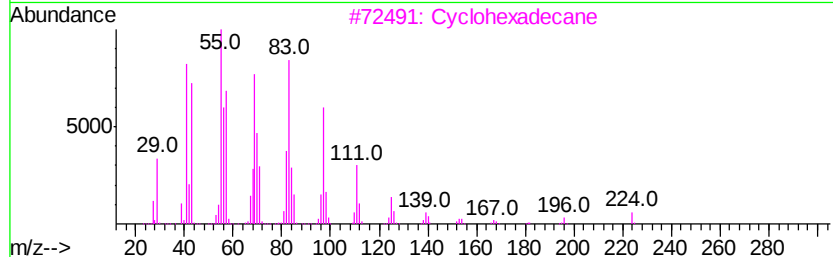
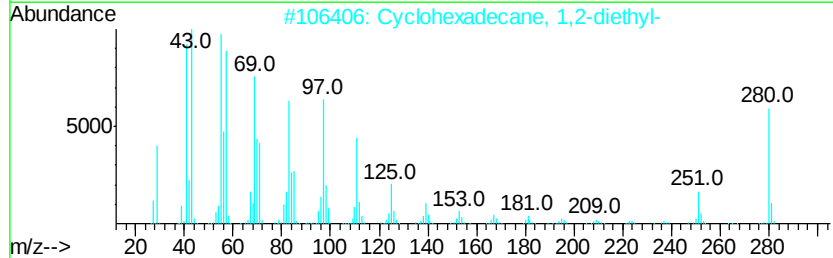
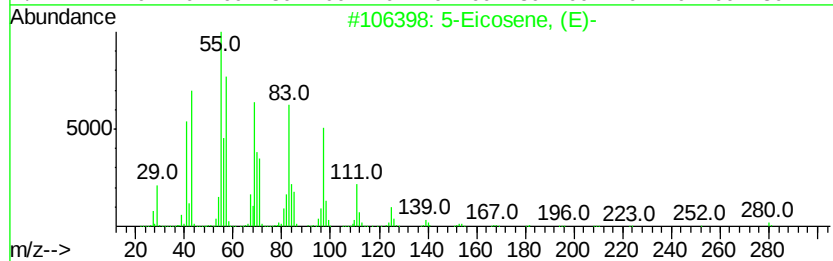
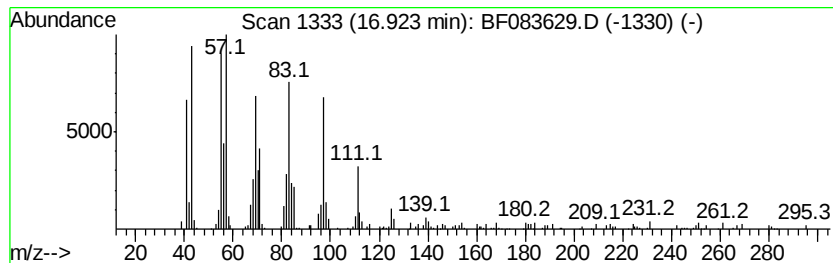
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	7.91 ng	301442	Chrysene-d12	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
3		Cyclohexadecane	224	C16H32	000295-65-8	96
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	94



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Data File : BF083629.D
Acq On : 9 Dec 2015 8:39
Operator : UM/IZ
Sample : G4647-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

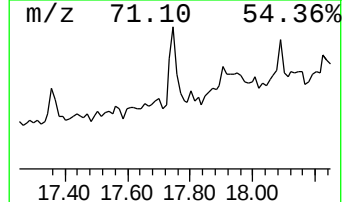
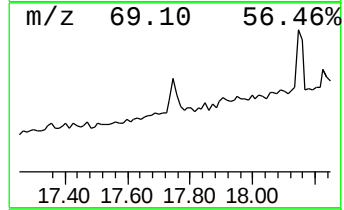
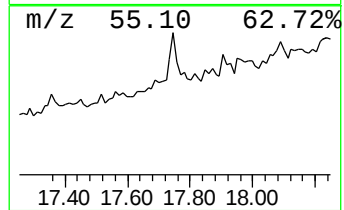
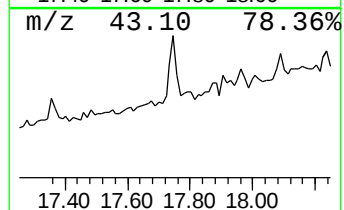
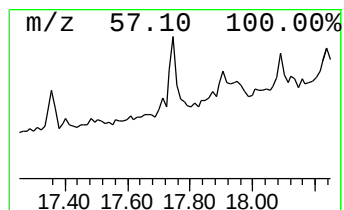
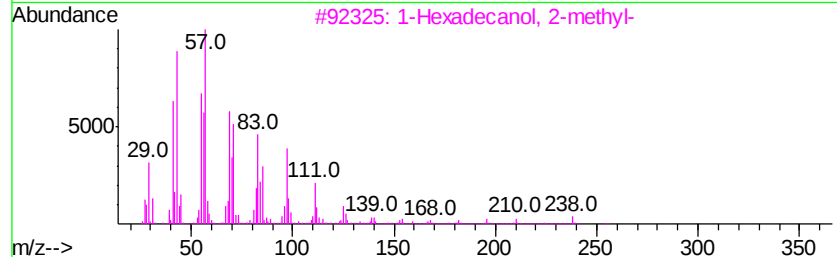
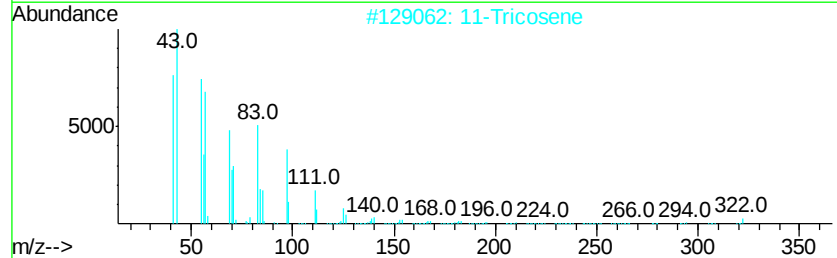
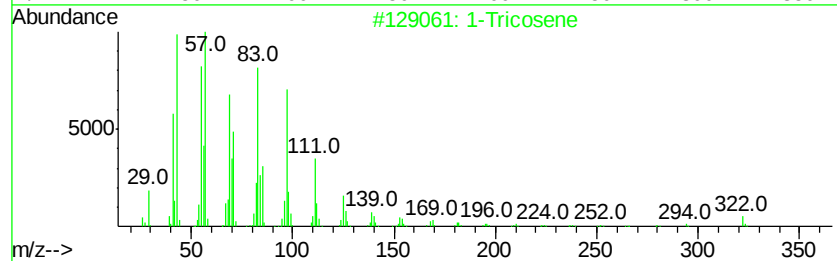
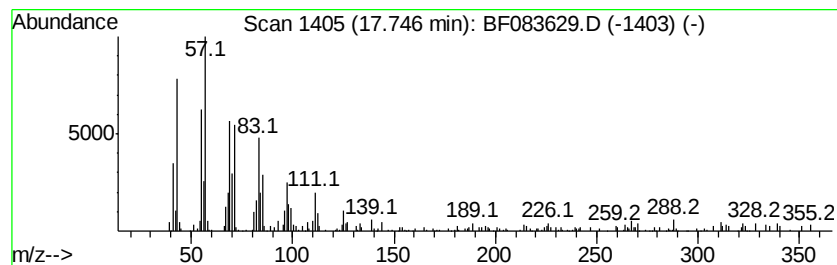
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Tricosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.75	4.04 ng	153873	Chrysene-d12	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	78
2	11-Tricosene	322	C23H46	052078-56-5	70
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	68
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58



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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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...	3.53	16.0	ng	710164	1	5.70	888321	20.0
unknown5.40	5.40	70.9	ng	3149400	1	5.70	888321	20.0
Hexadecane	11.23	2.5	ng	135859	3	10.38	1079310	20.0
Pentadecane	12.01	4.4	ng	181792	4	12.79	825697	20.0
n-Hexadecanoic acid	13.84	3.2	ng	133235	4	12.79	825697	20.0
2-Phenanthrenol, ...	16.11	2.1	ng	78911	5	17.00	762082	20.0
5-Eicosene, (E)-	16.92	7.9	ng	301442	5	17.00	762082	20.0
1-Tricosene	17.75	4.0	ng	153873	5	17.00	762082	20.0