

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079469.D
 Acq On : 23 May 2015 11:16
 Operator : TP/IZ
 Sample : G2371-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-022

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-BF043015.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	1.324	8	12	15	rVB	296501	522154	12.99%	1.936%
2	1.484	24	26	29	rVB	269724	299620	7.46%	1.111%
3	1.610	35	37	45	rVB	202615	361630	9.00%	1.341%
4	1.713	45	46	81	rVB	2104130	4018931	100.00%	14.901%
5	4.787	313	315	323	rVB	111341	148200	3.69%	0.549%
6	5.347	362	364	378	rBV	1470295	1717530	42.74%	6.368%
7	6.650	476	478	486	rVB	1788920	1818649	45.25%	6.743%
8	6.776	486	489	491	rBV	1267735	1830705	45.55%	6.788%
9	7.050	511	513	516	rBV	509851	461179	11.48%	1.710%
10	7.233	527	529	532	rBV	1318129	1381346	34.37%	5.121%
11	7.747	572	574	577	rBV	801626	718793	17.89%	2.665%
12	8.376	619	629	640	rBV3	39625	163205	4.06%	0.605%
13	8.628	649	651	655	rVB	711937	648185	16.13%	2.403%
14	9.873	758	760	764	rBV	204257	216248	5.38%	0.802%
15	9.976	767	769	771	rBV	2483553	2186313	54.40%	8.106%
16	10.491	811	814	816	rBV	127573	160005	3.98%	0.593%
17	10.799	836	841	843	rBV2	658845	789659	19.65%	2.928%
18	11.782	924	927	929	rBV2	578655	783001	19.48%	2.903%
19	11.977	942	944	949	rVB	39722	54091	1.35%	0.201%
20	12.445	983	985	988	rBV	56582	90274	2.25%	0.335%
21	12.628	999	1001	1003	rBV	534128	759059	18.89%	2.814%
22	12.731	1006	1010	1011	rVV	78954	111997	2.79%	0.415%
23	12.765	1011	1013	1021	rVB2	25197	60882	1.51%	0.226%
24	13.394	1063	1068	1069	rBV2	111913	263117	6.55%	0.976%
25	13.417	1069	1070	1077	rVB2	50140	86987	2.16%	0.323%
26	13.908	1110	1113	1115	rBV	49432	75801	1.89%	0.281%
27	14.137	1128	1133	1135	rBV	438414	458923	11.42%	1.702%
28	14.411	1154	1157	1159	rBV	343881	392938	9.78%	1.457%
29	14.628	1173	1176	1179	rVB	2418176	2364650	58.84%	8.767%
30	14.720	1179	1184	1188	rBV4	55430	124331	3.09%	0.461%
31	14.960	1203	1205	1210	rVB3	39466	68298	1.70%	0.253%
32	15.600	1259	1261	1263	rBV	44729	58614	1.46%	0.217%
33	15.668	1263	1267	1268	rVV3	21436	53267	1.33%	0.197%
34	15.805	1277	1279	1283	rBV2	224830	364804	9.08%	1.353%

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Integration Parameters: rteint.p
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 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

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35	15.885	1283	1286	1287	rBV2	47984	90363	2.25%	0.335%
36	15.920	1287	1289	1291	rBV2	673827	912463	22.70%	3.383%
37	16.091	1302	1304	1311	rBV3	154010	273566	6.81%	1.014%
38	16.240	1315	1317	1321	rVB3	32212	68186	1.70%	0.253%
39	16.480	1336	1338	1342	rBV4	20234	58594	1.46%	0.217%
40	16.594	1346	1348	1351	rVV4	22281	59017	1.47%	0.219%
41	16.651	1351	1353	1356	rVB2	45282	82024	2.04%	0.304%
42	16.994	1381	1383	1385	rBV2	47162	79574	1.98%	0.295%
43	17.246	1403	1405	1411	rBV	155168	363092	9.03%	1.346%
44	17.577	1432	1434	1437	rBV	101451	135929	3.38%	0.504%
45	17.646	1437	1440	1443	rVB	130153	167094	4.16%	0.620%
46	17.703	1443	1445	1448	rBV	502871	798976	19.88%	2.962%
47	19.063	1562	1564	1571	rBV2	67125	149945	3.73%	0.556%
48	19.463	1597	1599	1605	rVB	62395	119434	2.97%	0.443%

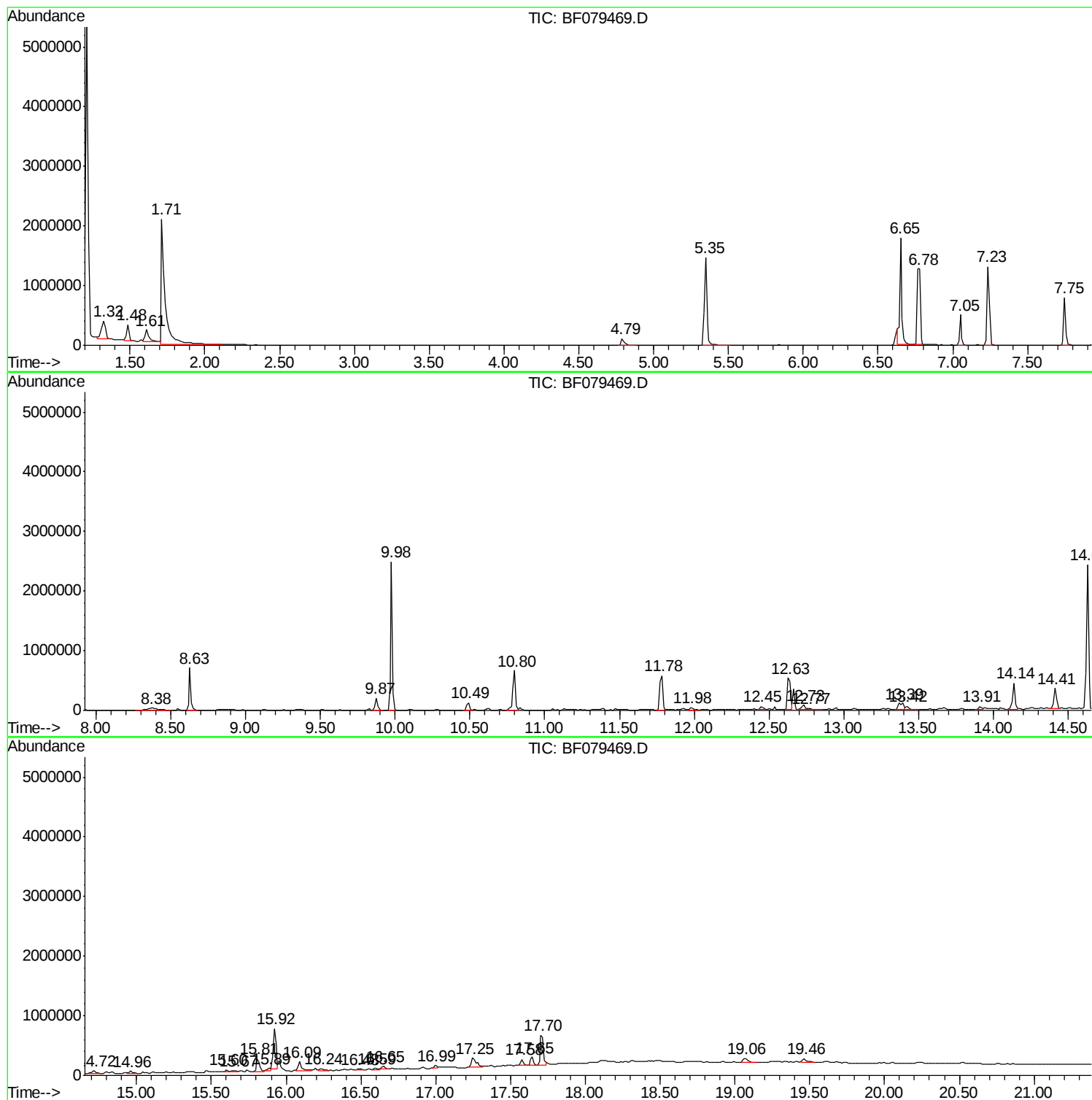
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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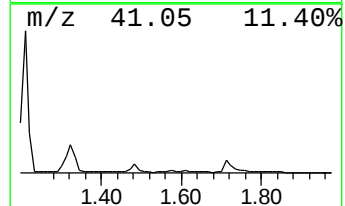
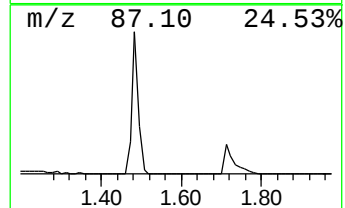
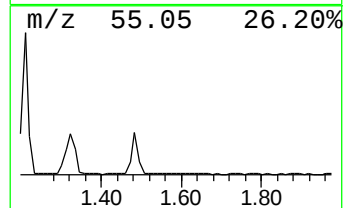
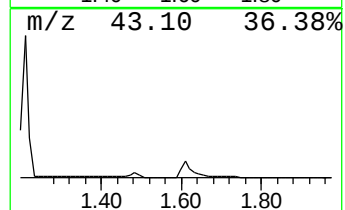
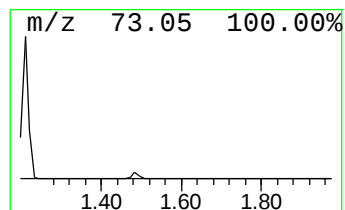
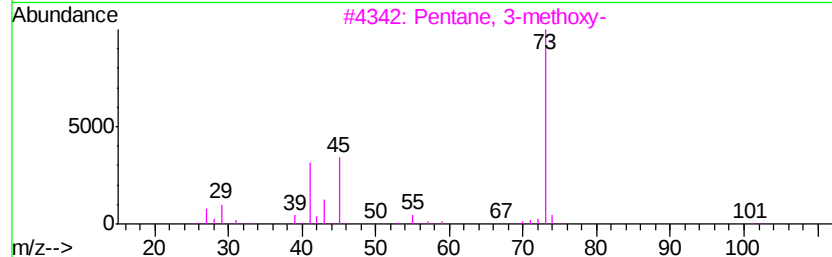
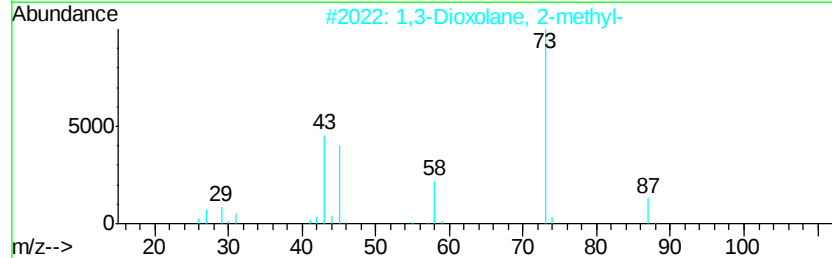
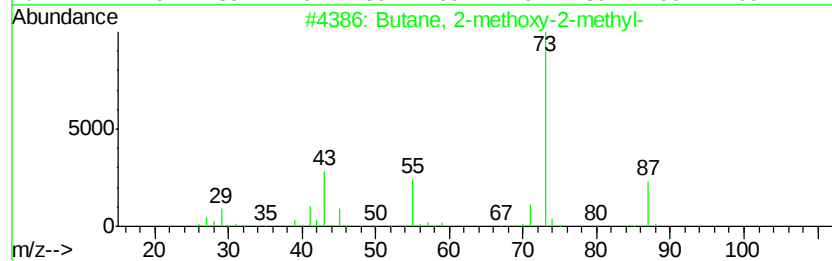
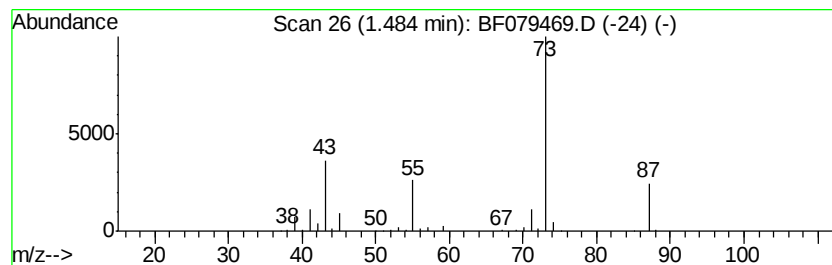
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	12.99 ng	299620	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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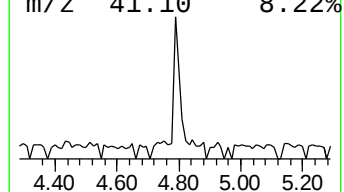
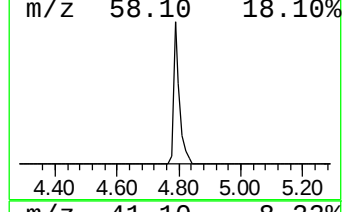
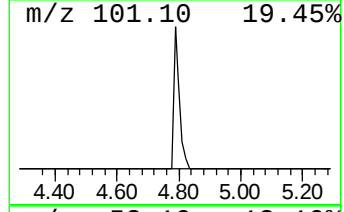
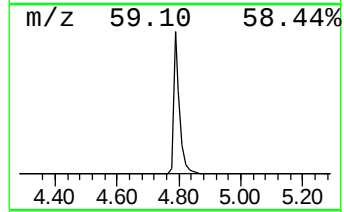
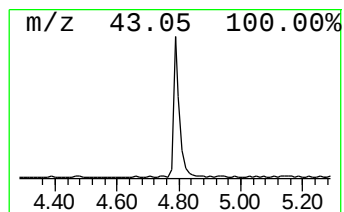
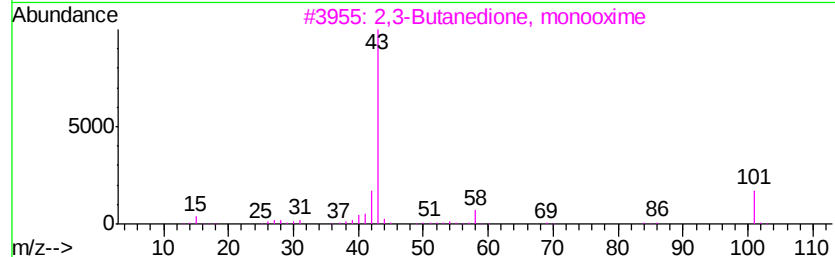
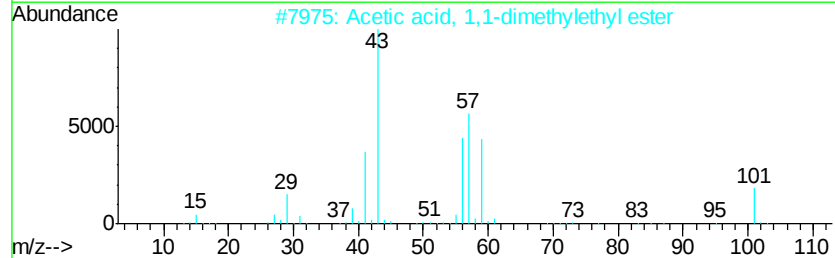
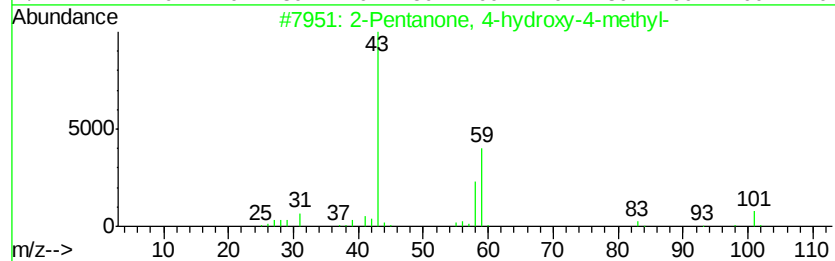
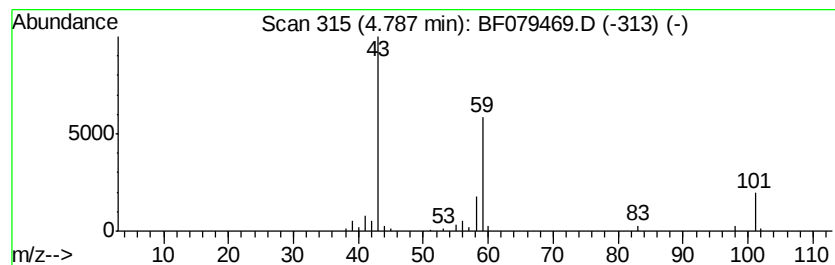
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	6.43 ng	148200	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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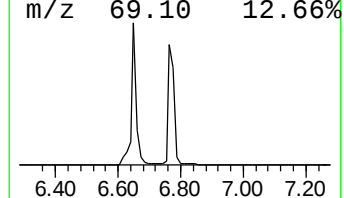
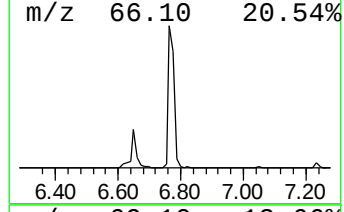
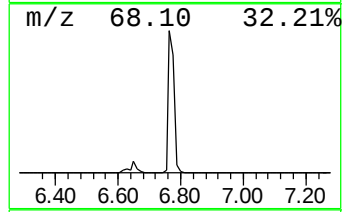
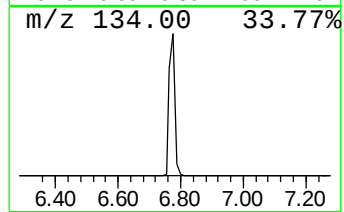
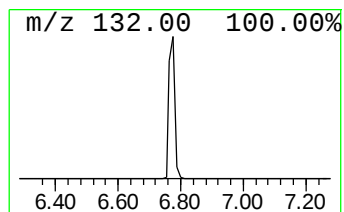
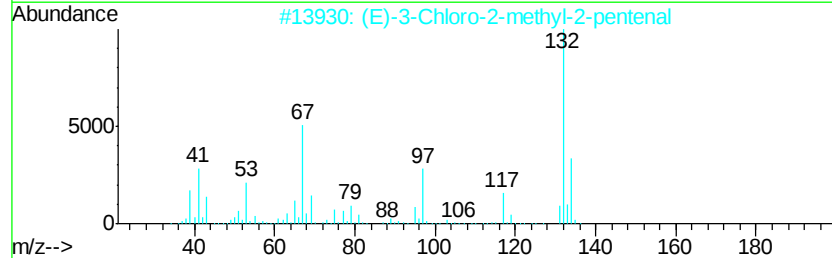
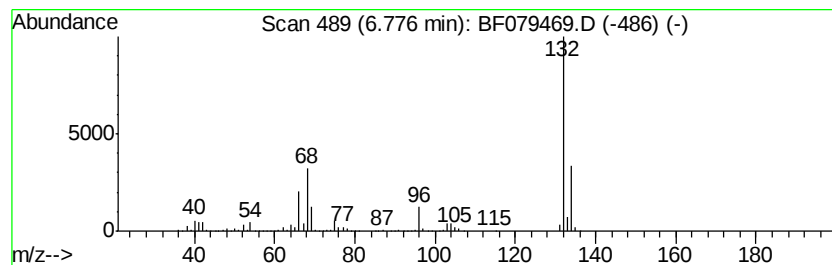
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	79.39 ng	1830710	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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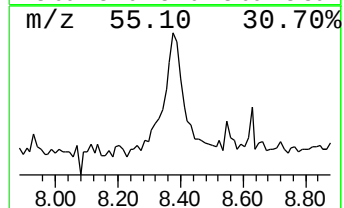
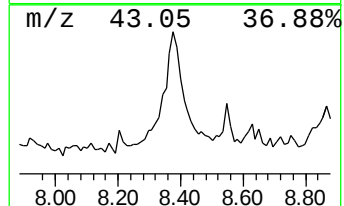
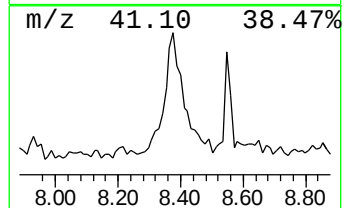
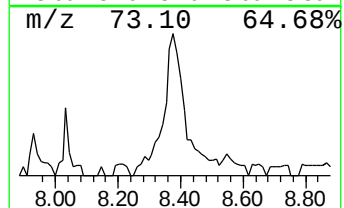
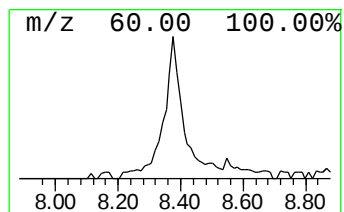
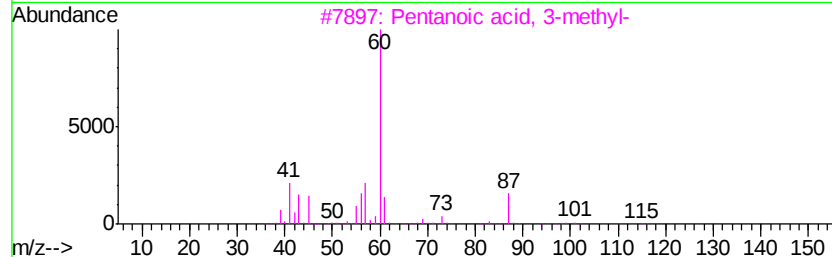
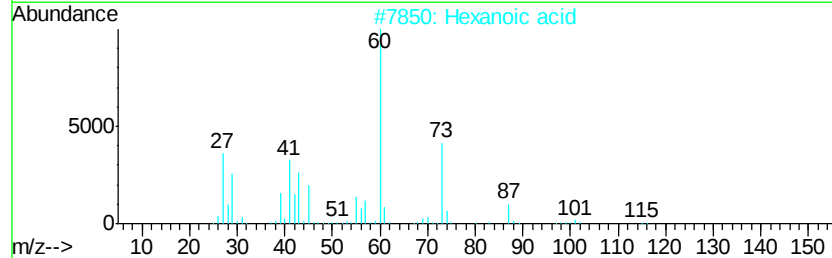
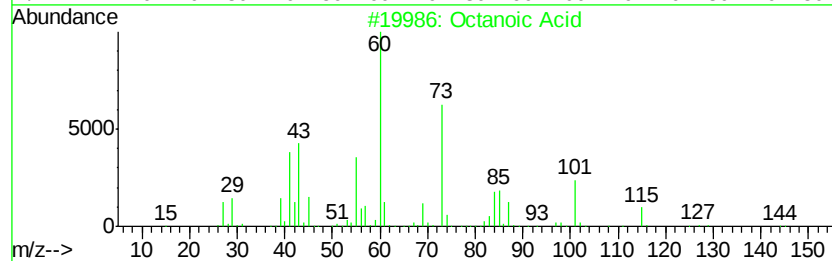
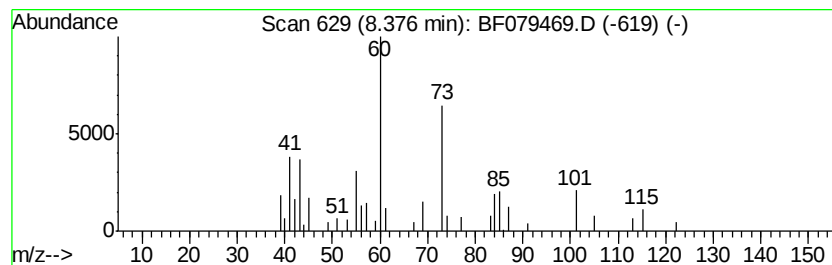
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octanoic Acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	5.04 ng	163205	Naphthalene-d8	8.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid		144	C8H16O2	000124-07-2	91
2	Hexanoic acid		116	C6H12O2	000142-62-1	50
3	Pentanoic acid, 3-methyl-		116	C6H12O2	000105-43-1	43
4	Pentanoic acid		102	C5H10O2	000109-52-4	38
5	Heptanoic acid		130	C7H14O2	000111-14-8	38



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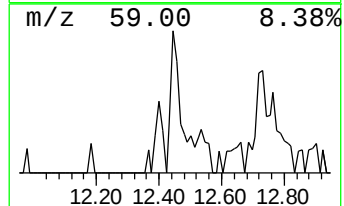
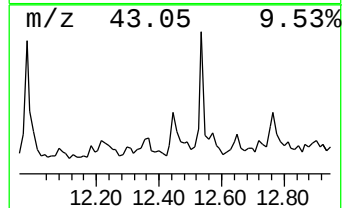
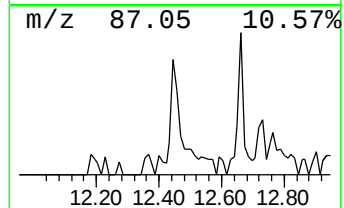
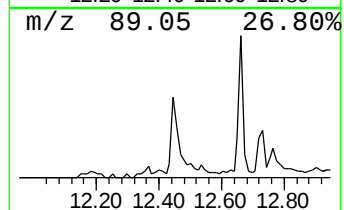
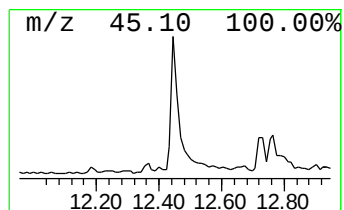
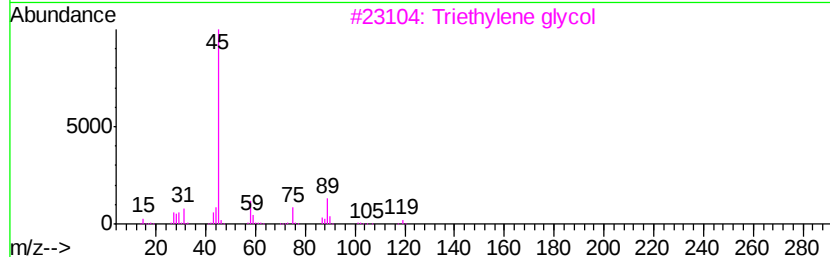
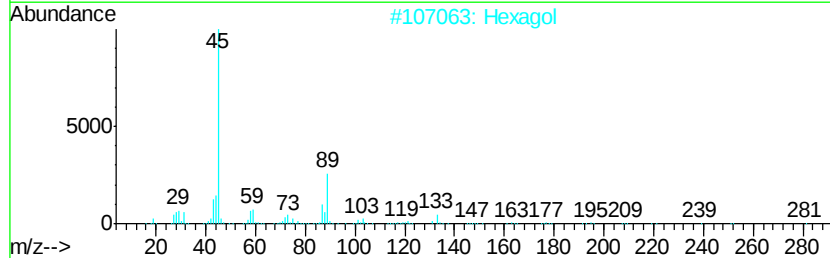
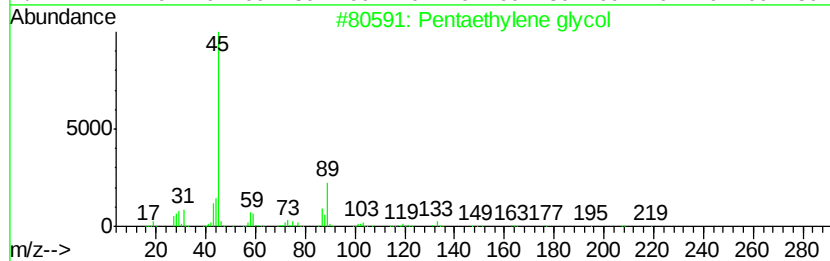
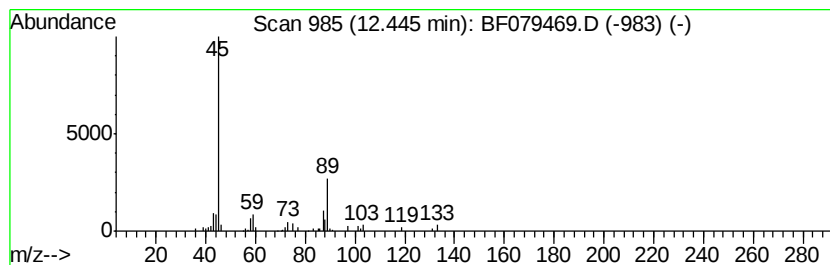
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentaethylene glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.38 ng	90274	Phenanthrene-d10	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol	238	C10H22O6	004792-15-8	90
2		Hexagol	282	C12H26O7	002615-15-8	83
3		Triethylene glycol	150	C6H14O4	000112-27-6	78
4		Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	72
5		Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079469.D
Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

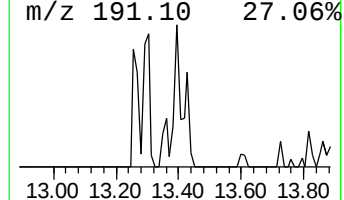
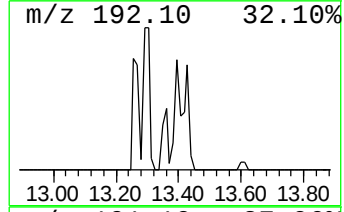
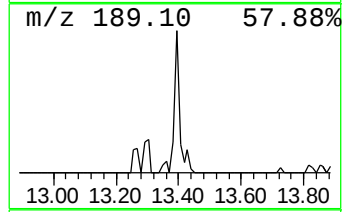
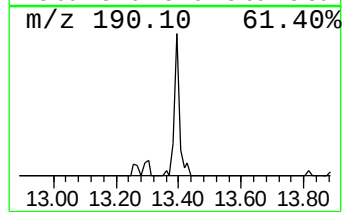
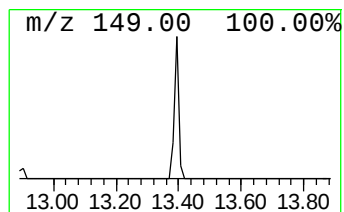
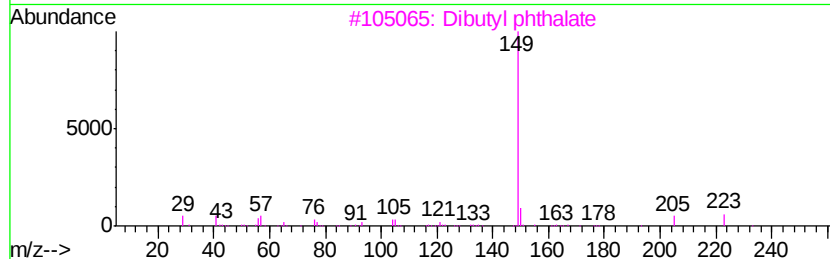
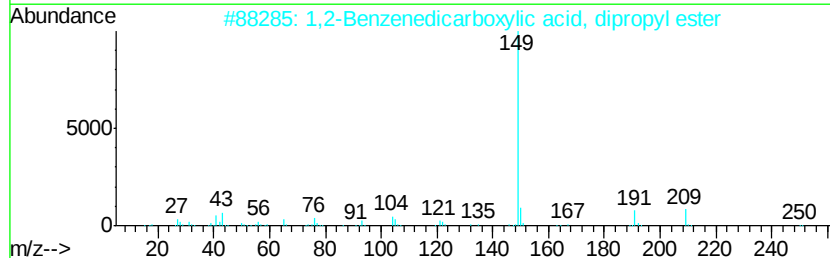
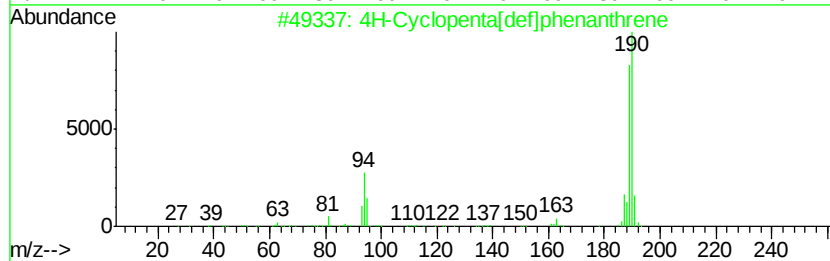
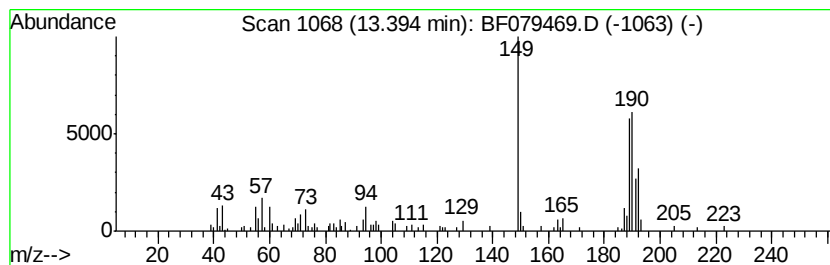
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	6.93 ng	263117	Phenanthrene-d10	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
2	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	27
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	22
4	Carbamodithioic acid, acetyl-, m...	149	C4H7NOS2	016696-88-1	22
5	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079469.D
Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
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Instrument :
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ClientSampleId :
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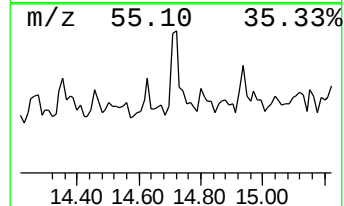
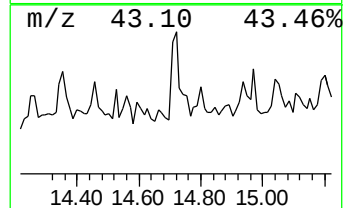
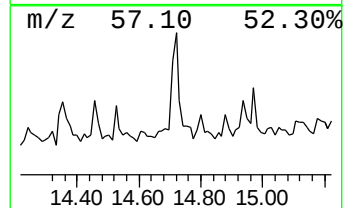
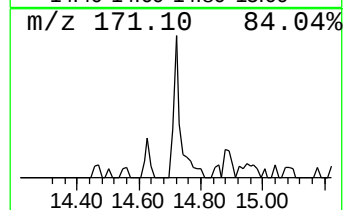
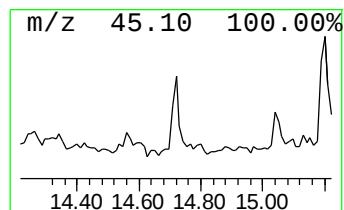
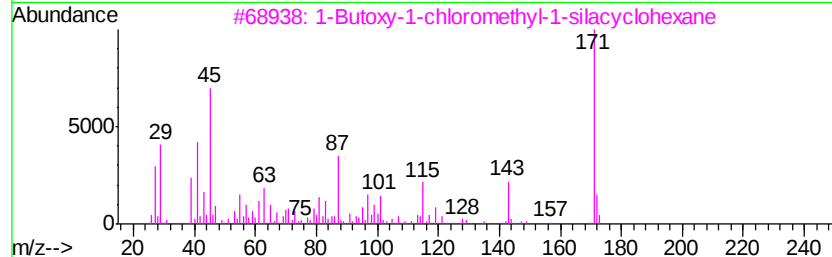
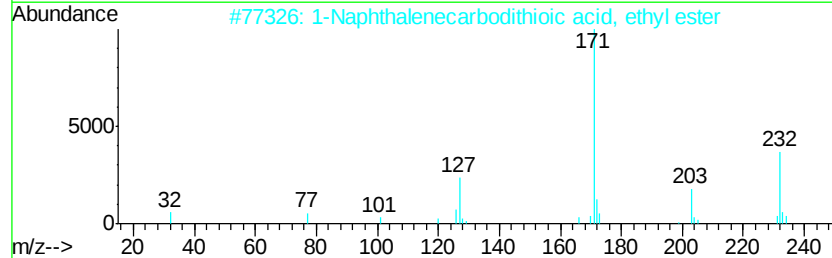
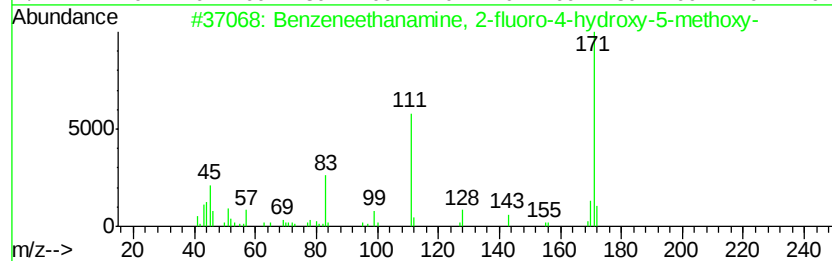
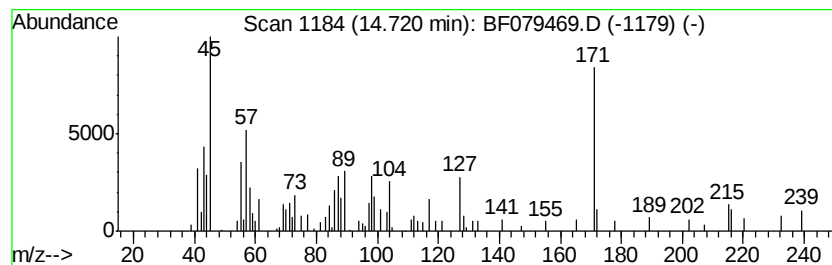
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.72 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.73 ng	124331	Chrysene-d12	15.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanamine, 2-fluoro-4-hv...	171	C8H10FN02	1000116-43-3	43
2		1-Naphthalenecarbodithioic acid,...	232	C13H12S2	020876-72-6	38
3		1-Butoxy-1-chloromethyl-1-silacy...	220	C10H21ClOSi	1000279-33-2	32
4		12-Crown-4	176	C8H16O4	000294-93-9	25
5		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079469.D
Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SW-022

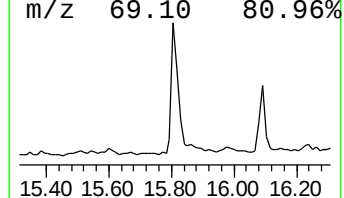
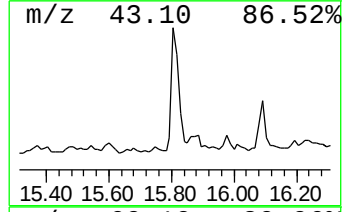
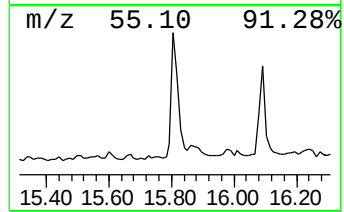
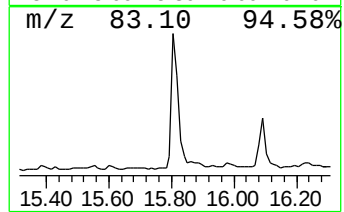
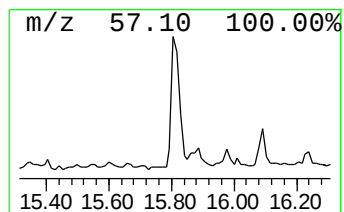
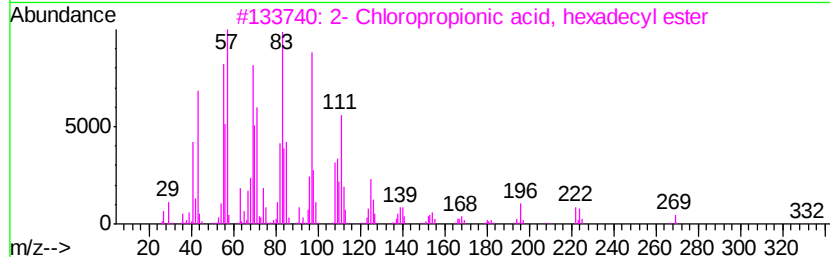
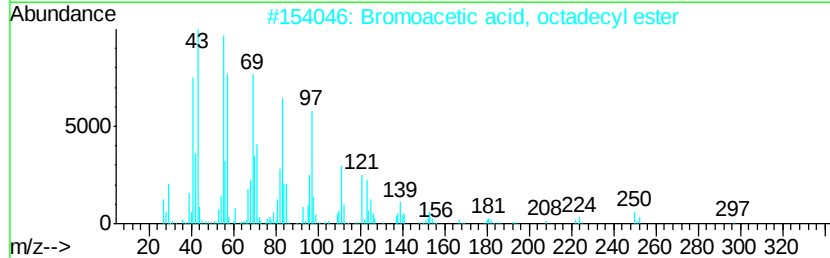
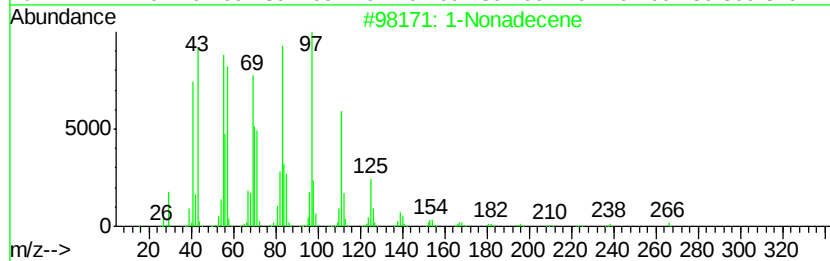
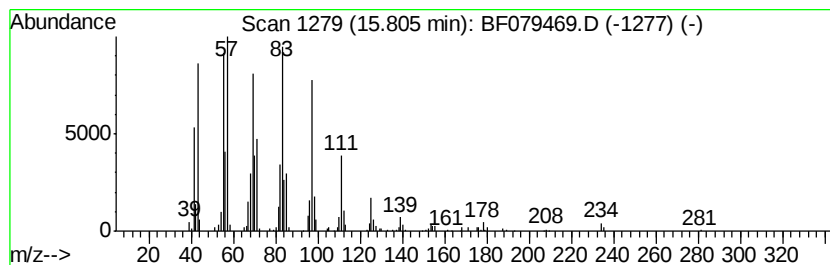
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	8.00 ng	364804	Chrysene-d12	15.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	91
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5			Cyclohexadecane	224	C16H32	000295-65-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SW-022

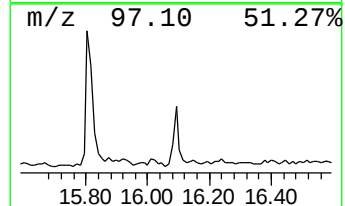
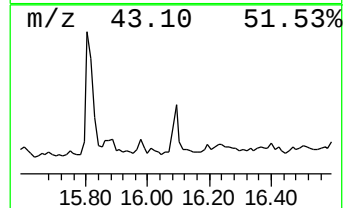
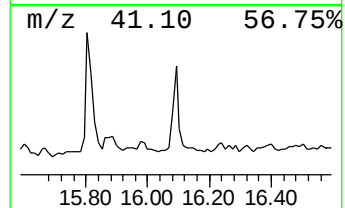
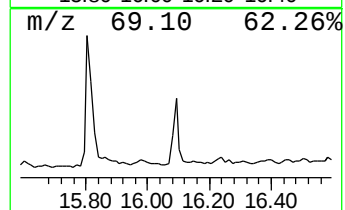
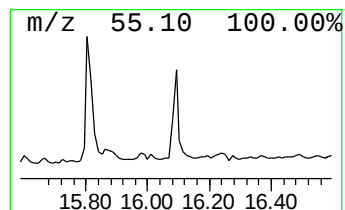
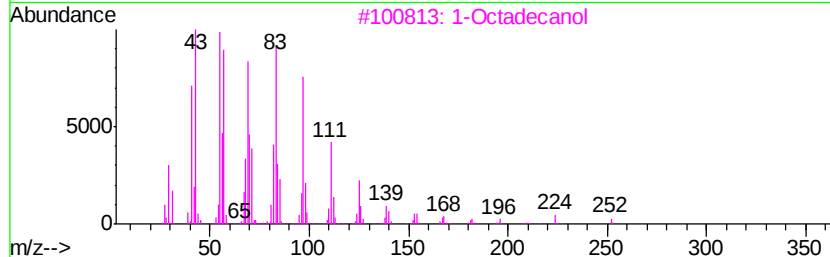
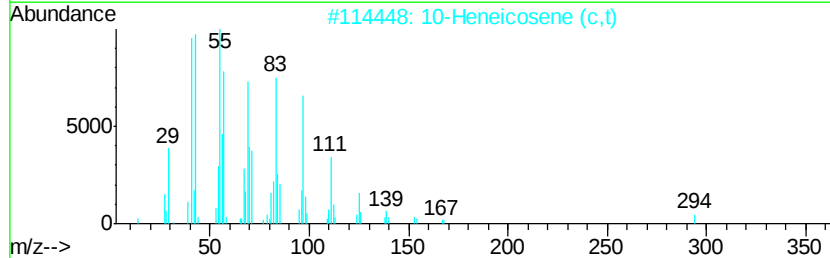
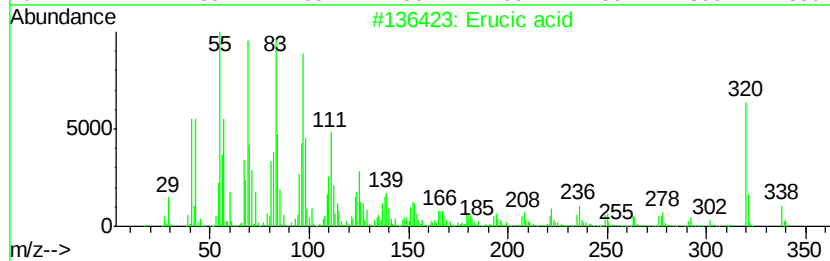
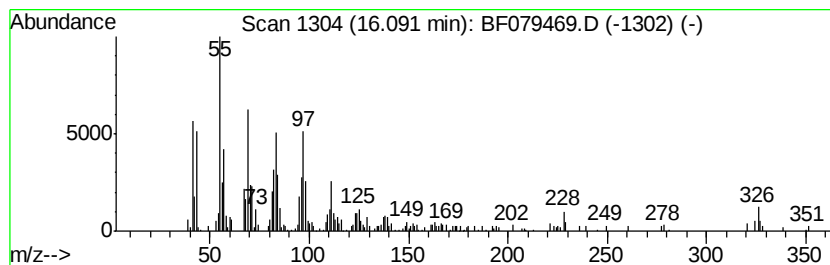
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Erucic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.00 ng	273566	Chrysene-d12	15.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Erucic acid	338	C22H42O2	000112-86-7	94
2			10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
3			1-Octadecanol	270	C18H38O	000112-92-5	58
4			Z-7-Pentadecenol	226	C15H30O	1000130-76-6	53
5			1-Nonadecene	266	C19H38	018435-45-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079469.D
Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
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Instrument :
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ClientSampleId :
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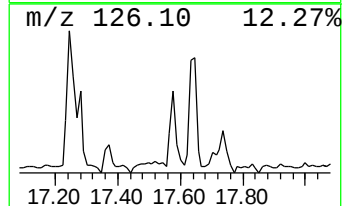
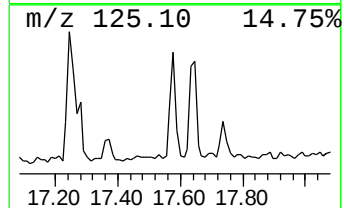
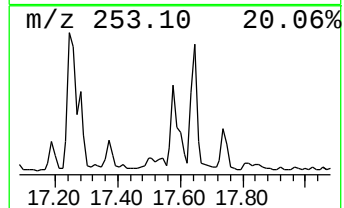
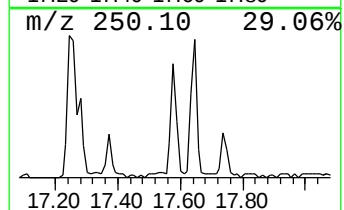
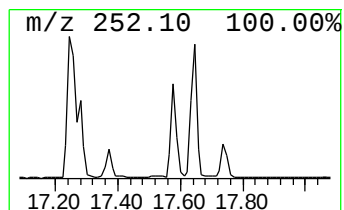
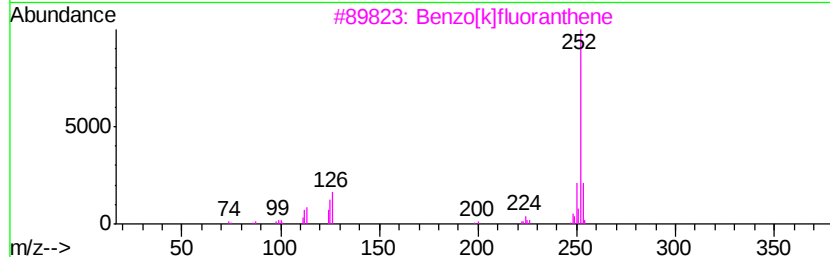
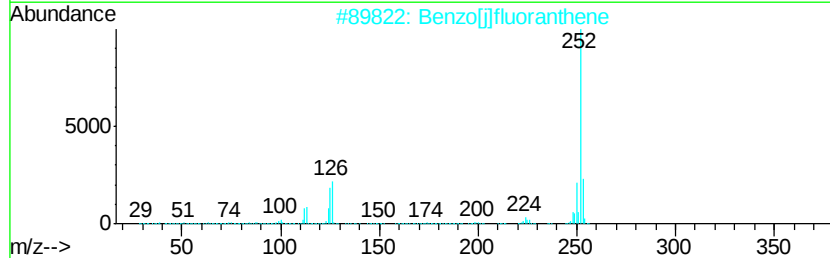
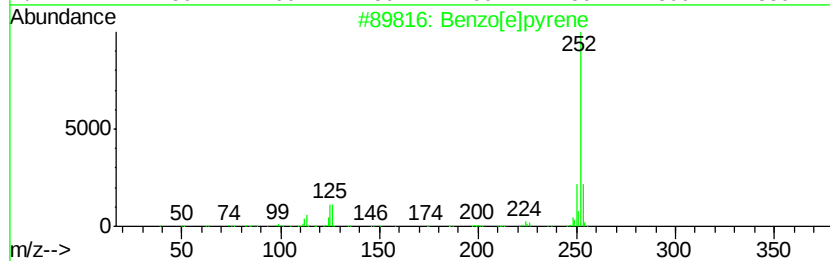
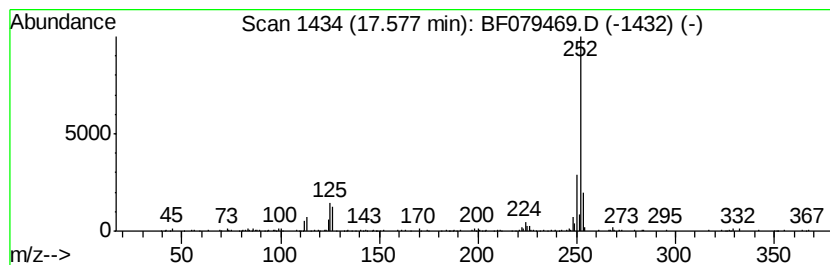
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	3.40 ng	135929	Perylene-d12	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	1.48	13.0	ng	299620	1	7.05	461179	20.0
2-Pentanone, 4-hy...	4.79	6.4	ng	148200	1	7.05	461179	20.0
unknown6.78	6.78	79.4	ng	1830710	1	7.05	461179	20.0
Octanoic Acid	8.38	5.0	ng	163205	2	8.63	648185	20.0
Pentaethylene glycol	12.45	2.4	ng	90274	4	12.63	759059	20.0
unknown13.39	13.39	6.9	ng	263117	4	12.63	759059	20.0
unknown14.72	14.72	2.7	ng	124331	5	15.92	912463	20.0
1-Nonadecene	15.81	8.0	ng	364804	5	15.92	912463	20.0
Erucic acid	16.09	6.0	ng	273566	5	15.92	912463	20.0
Benzo[e]pyrene	17.58	3.4	ng	135929	6	17.71	798976	20.0