

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079189.D
 Acq On : 13 May 2015 8:12
 Operator : TP/IZ
 Sample : G2194-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-19-6.5

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	1.438	19	22	24	rVB	387914	540070	35.40%	3.211%
2	1.564	30	33	37	rVB	117344	220551	14.46%	1.311%
3	1.747	46	49	56	rVV2	294077	480696	31.51%	2.858%
4	1.850	56	58	94	rVB	851564	1525690	100.00%	9.071%
5	5.084	339	341	347	rVB	38542	66805	4.38%	0.397%
6	5.587	382	385	387	rBV	1233995	1334923	87.50%	7.937%
7	6.845	493	495	498	rBV	1204696	1347336	88.31%	8.010%
8	6.993	506	508	511	rBV	1457053	1421575	93.18%	8.452%
9	7.279	531	533	536	rBV	314997	321752	21.09%	1.913%
10	7.473	547	550	552	rVB	800095	922013	60.43%	5.482%
11	7.976	591	594	596	rBV	897109	849294	55.67%	5.049%
12	8.765	661	663	665	rBV	19587	17972	1.18%	0.107%
13	8.856	669	671	674	rBV	461934	437959	28.71%	2.604%
14	10.045	773	775	780	rVB	19676	29266	1.92%	0.174%
15	10.205	786	789	791	rBV	1385651	1230502	80.65%	7.316%
16	10.708	831	833	836	rBV	168804	145692	9.55%	0.866%
17	11.039	859	862	864	rVB	379119	488828	32.04%	2.906%
18	11.611	910	912	914	rVB	18368	16475	1.08%	0.098%
19	12.011	945	947	950	rBV2	865806	1021312	66.94%	6.072%
20	12.205	962	964	968	rBV	21490	28173	1.85%	0.167%
21	12.765	1011	1013	1015	rBV	19872	20682	1.36%	0.123%
22	12.879	1020	1023	1025	rBV	563497	526994	34.54%	3.133%
23	12.982	1030	1032	1038	rVB2	7369	16721	1.10%	0.099%
24	13.211	1050	1052	1058	rBV3	17914	28435	1.86%	0.169%
25	13.302	1058	1060	1063	rVV2	17829	25239	1.65%	0.150%
26	13.805	1102	1104	1106	rBV	17531	16503	1.08%	0.098%
27	14.388	1151	1155	1157	rVB	31558	35071	2.30%	0.209%
28	14.662	1176	1179	1184	rBV2	22988	40196	2.63%	0.239%
29	14.880	1195	1198	1200	rBV	968679	1299922	85.20%	7.728%
30	15.177	1221	1224	1226	rBV3	8720	16800	1.10%	0.100%
31	15.645	1261	1265	1267	rBV2	9335	15293	1.00%	0.091%
32	15.965	1286	1293	1300	rBV8	30498	174360	11.43%	1.037%
33	16.068	1300	1302	1310	rVV	138216	239276	15.68%	1.423%
34	16.194	1310	1313	1315	rVV	521733	615584	40.35%	3.660%

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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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.228	1315	1316	1319	rVB2	24278	38864	2.55%	0.231%
36	16.366	1326	1328	1334	rVB4	24642	41841	2.74%	0.249%
37	16.503	1338	1340	1343	rVV2	16715	28454	1.86%	0.169%
38	16.617	1346	1350	1352	rVV3	28708	80353	5.27%	0.478%
39	16.663	1352	1354	1356	rVV	37813	61173	4.01%	0.364%
40	16.731	1356	1360	1362	rVV	37756	100358	6.58%	0.597%
41	16.777	1362	1364	1367	rVB3	14620	25756	1.69%	0.153%
42	16.926	1374	1377	1382	rBV2	54005	125954	8.26%	0.749%
43	17.143	1394	1396	1401	rBV	69032	154624	10.13%	0.919%
44	17.428	1419	1421	1424	rBV	38897	52452	3.44%	0.312%
45	18.046	1472	1475	1478	rBV	468717	592183	38.81%	3.521%

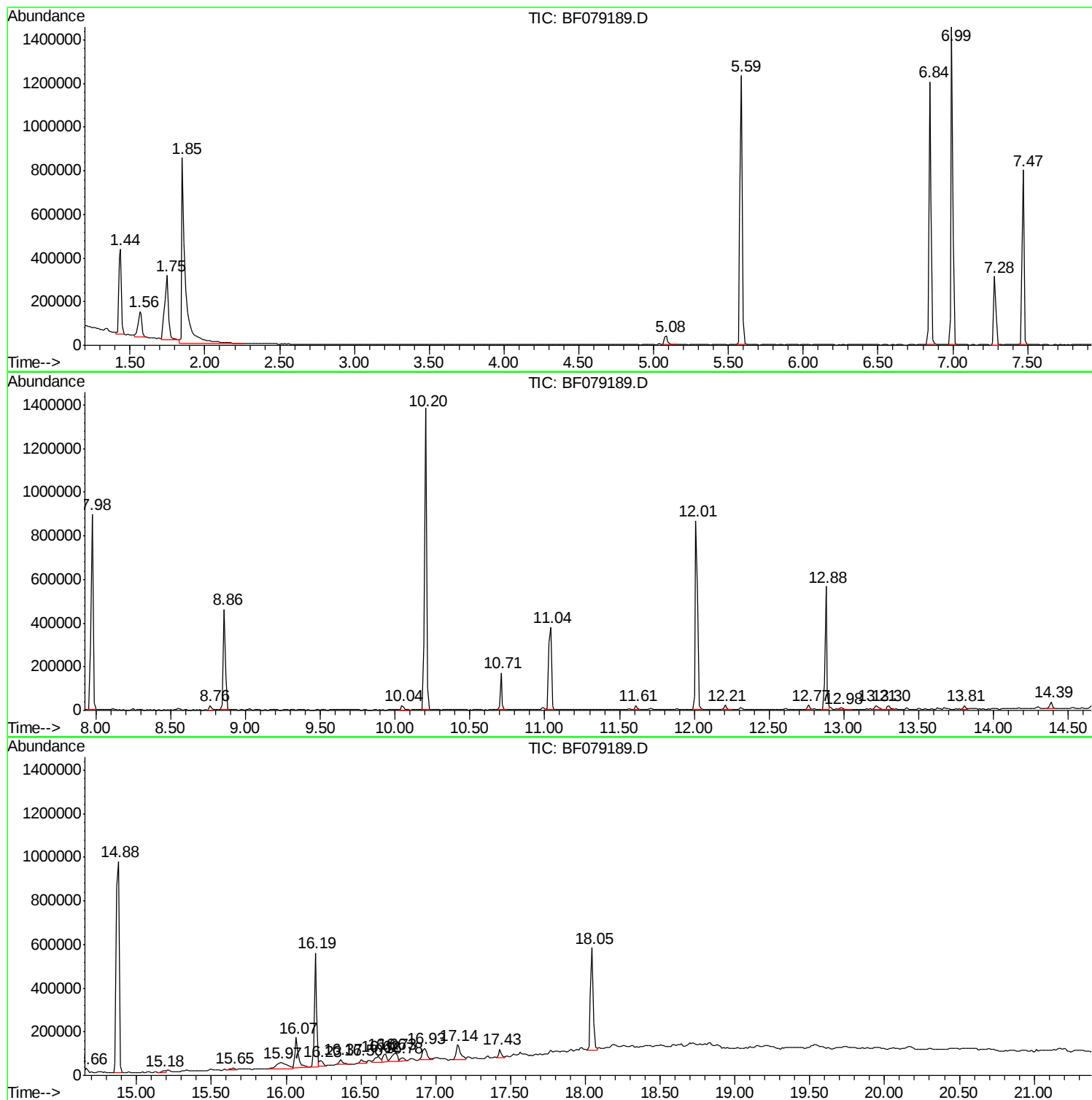
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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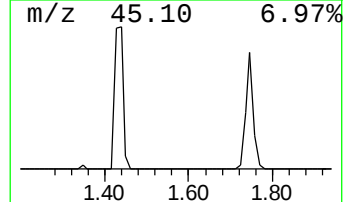
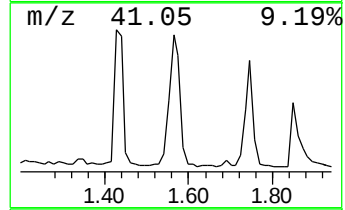
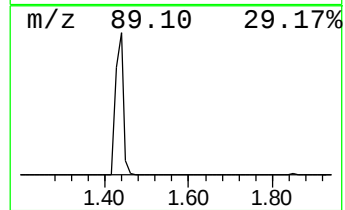
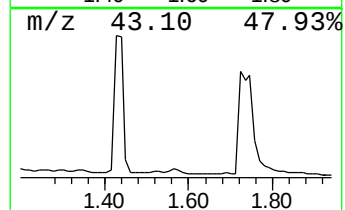
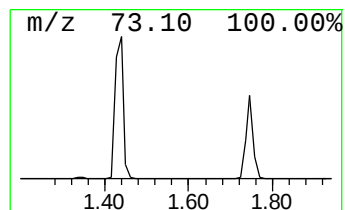
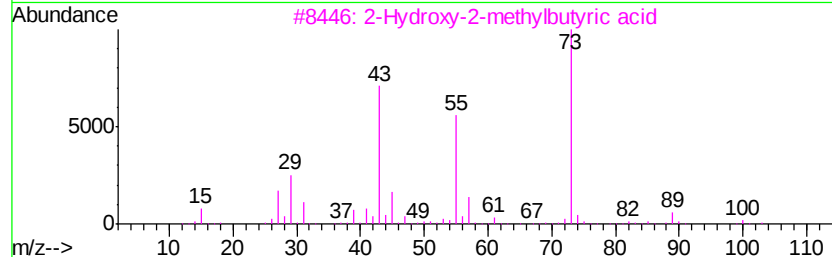
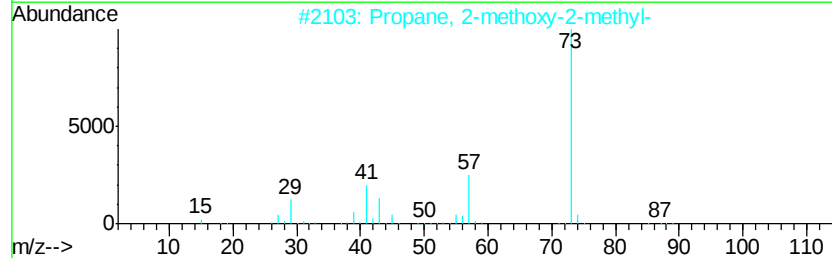
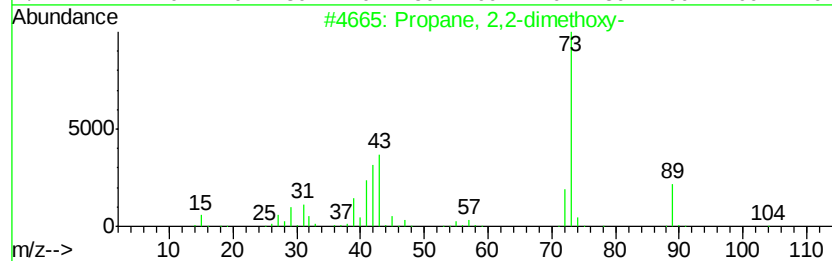
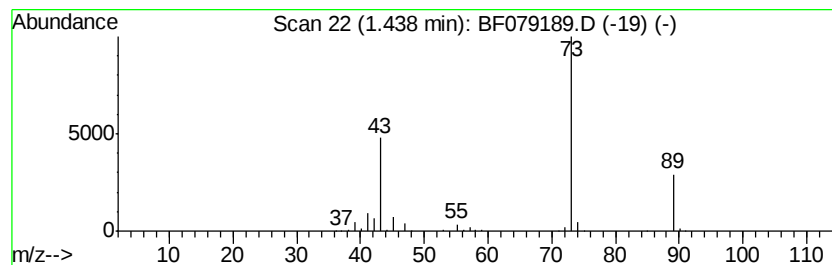
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	33.57 ng	540070	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	5



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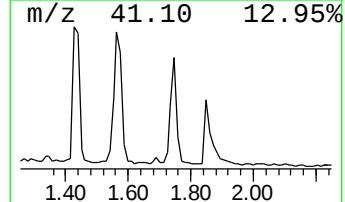
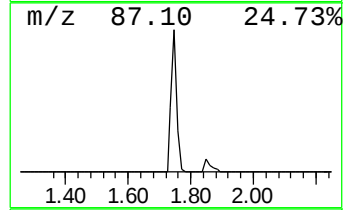
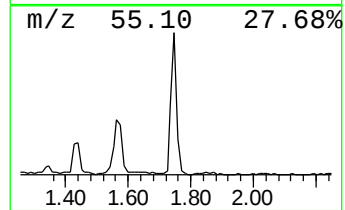
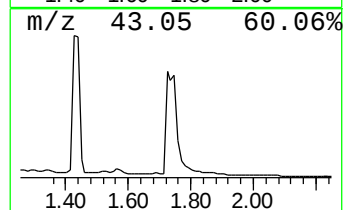
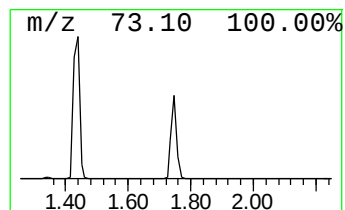
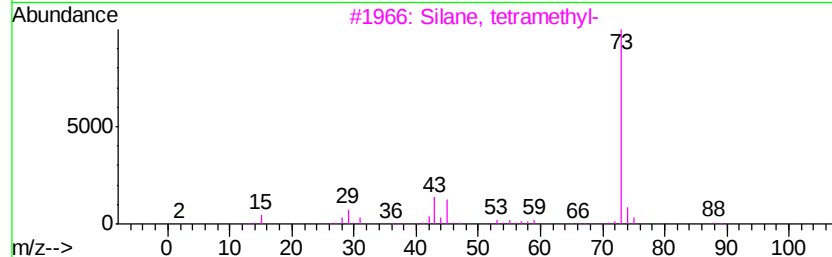
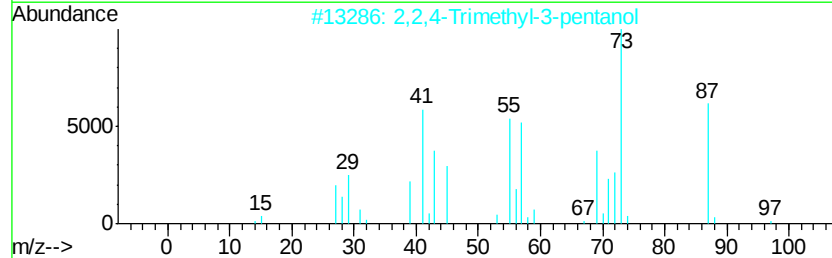
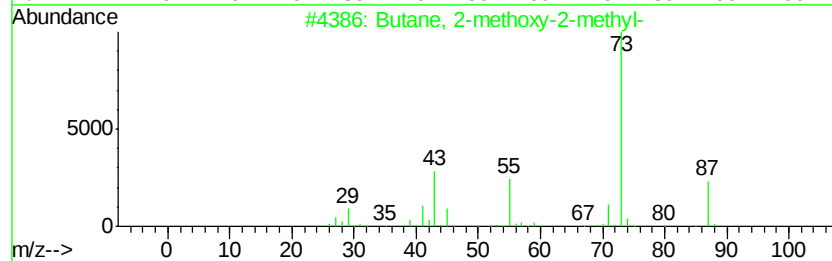
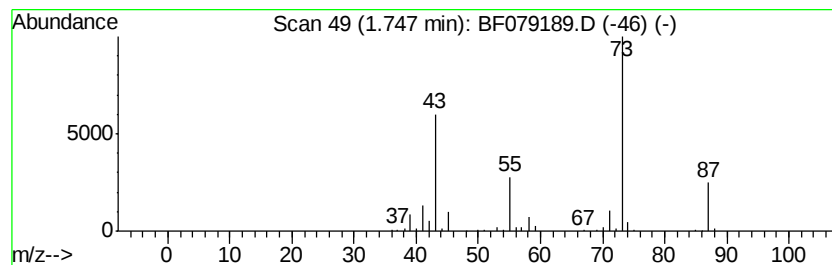
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	29.88 ng	480696	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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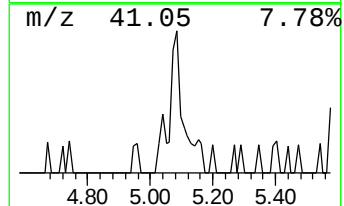
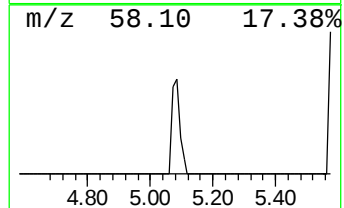
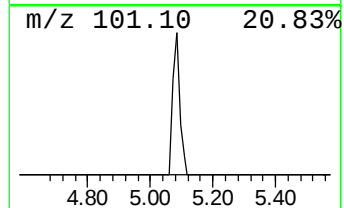
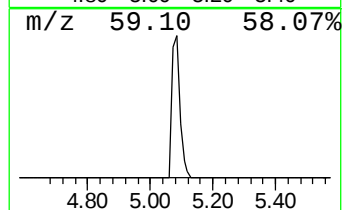
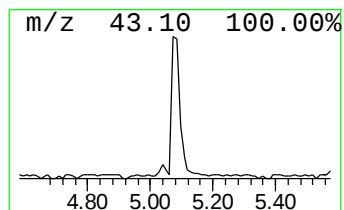
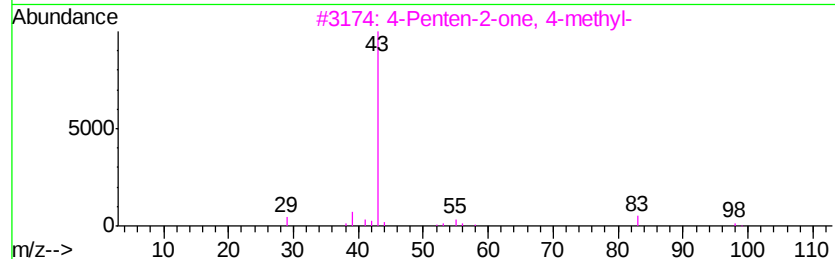
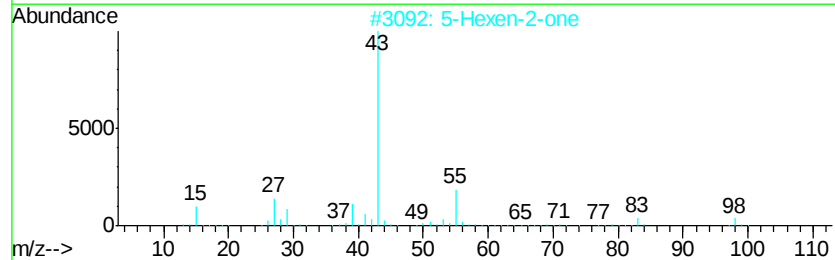
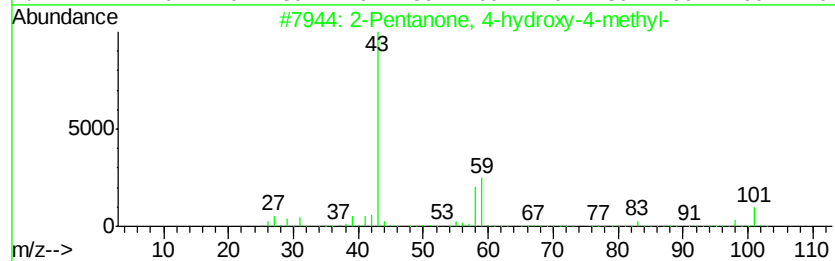
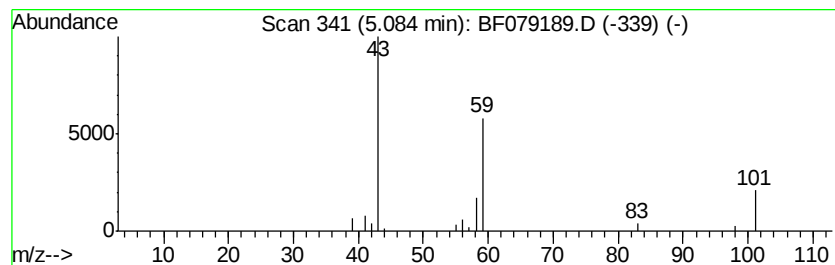
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.15 ng	66805	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	4



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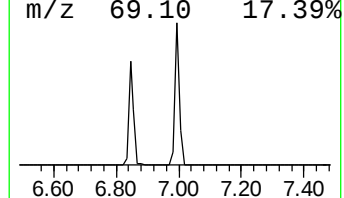
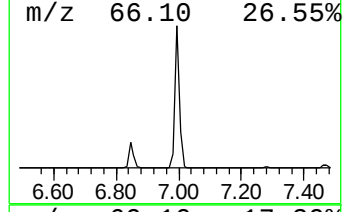
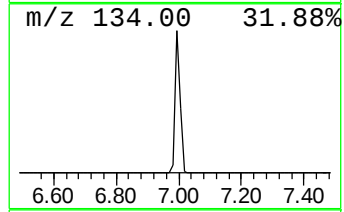
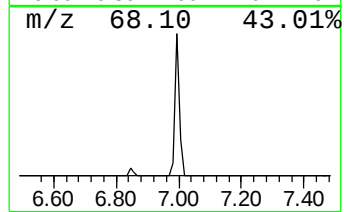
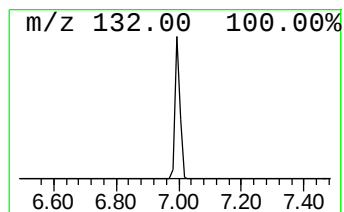
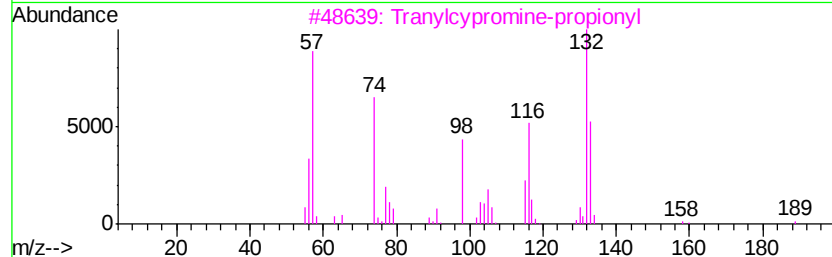
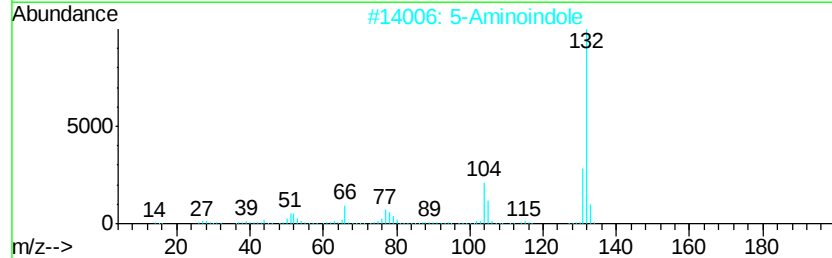
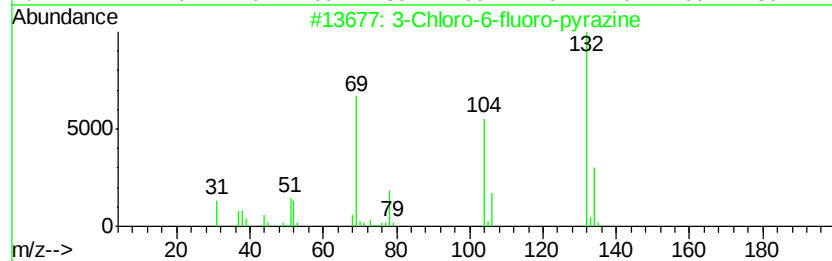
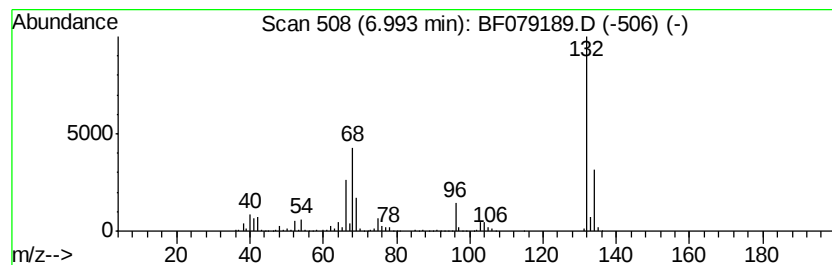
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	88.36 ng	1421580	1,4-Dichlorobenzene-d4	7.28

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	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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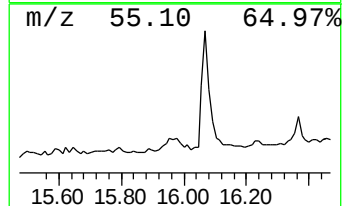
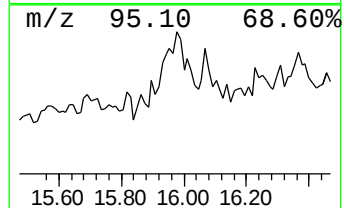
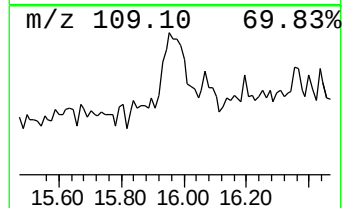
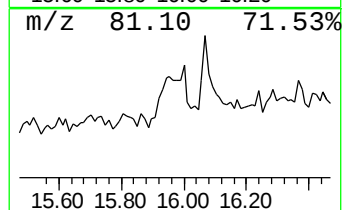
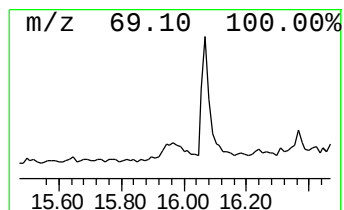
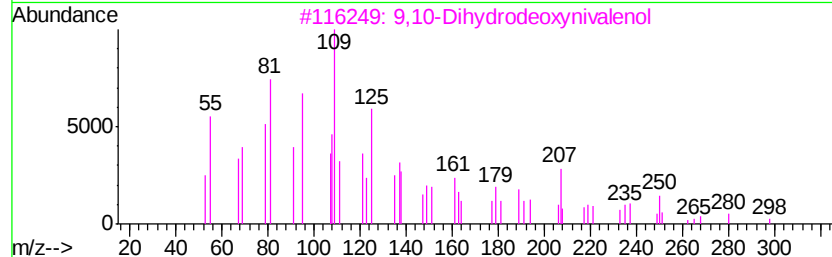
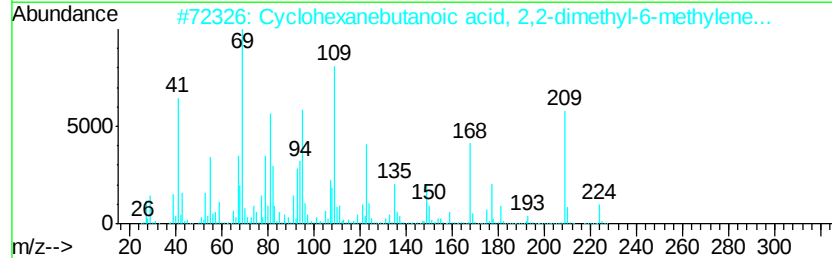
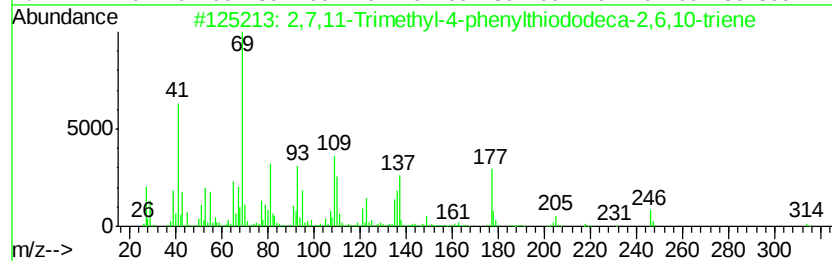
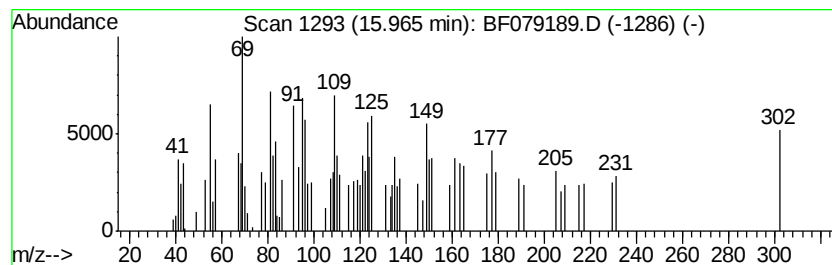
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	5.66 ng	174360	Chrysene-d12	16.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,7,11-Trimethyl-4-phenylthiodod...	314	C21H30S	1000190-11-3	16
2		Cyclohexanebutanoic acid, 2,2-di...	224	C14H24O2	095452-15-6	16
3		9,10-Dihydrodeoxynivalenol	298	C15H22O6	123505-36-2	14
4		2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	12
5		Longifolenaldehyde	220	C15H24O	019890-84-7	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079189.D
Acq On : 13 May 2015 8:12
Operator : TP/IZ
Sample : G2194-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-6.5

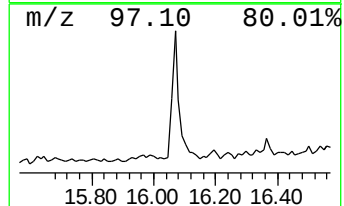
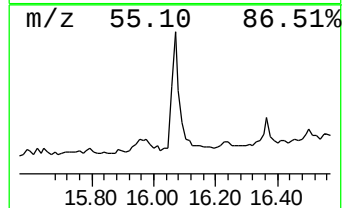
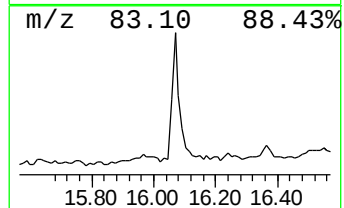
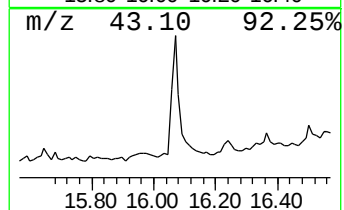
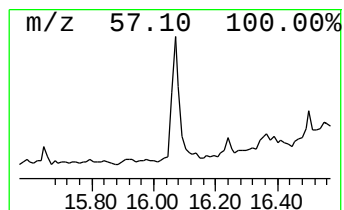
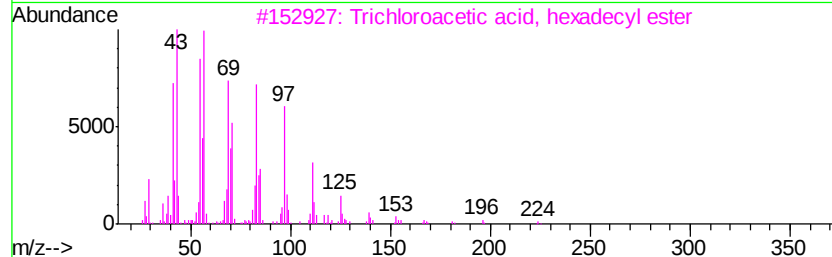
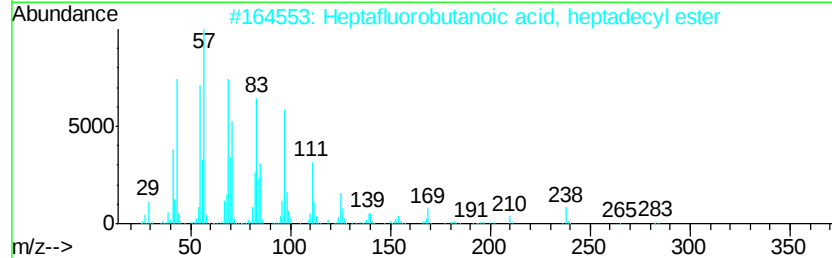
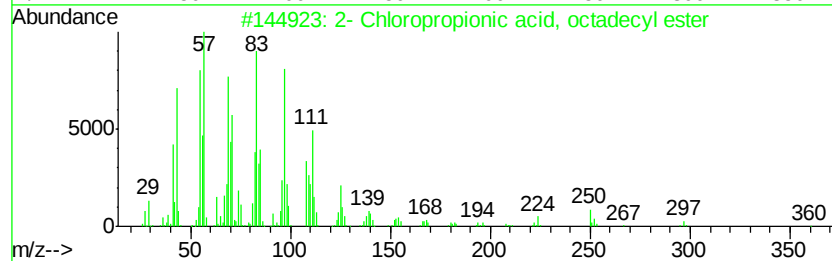
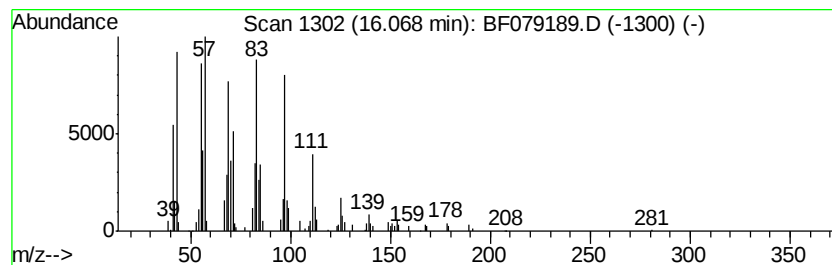
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	7.77 ng	239276	Chrysene-d12	16.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
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Acq On : 13 May 2015 8:12
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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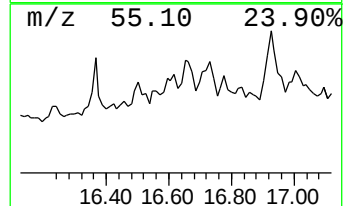
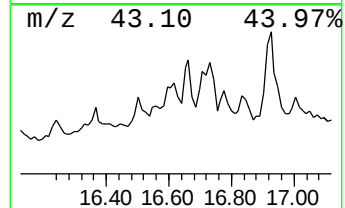
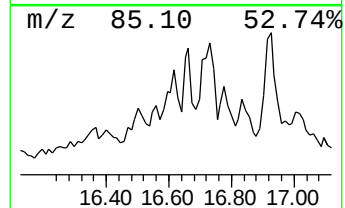
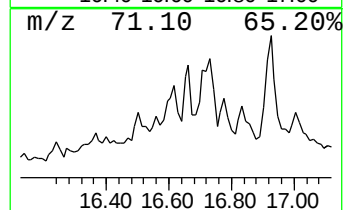
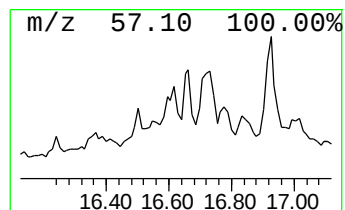
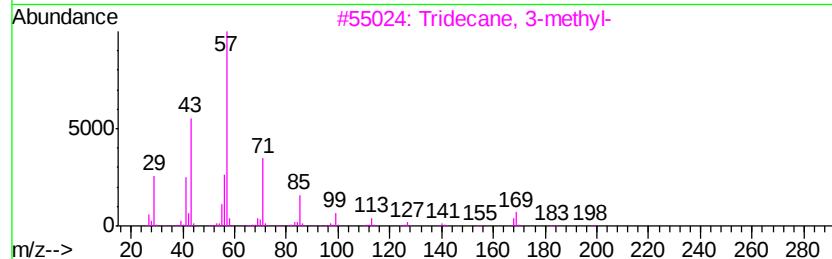
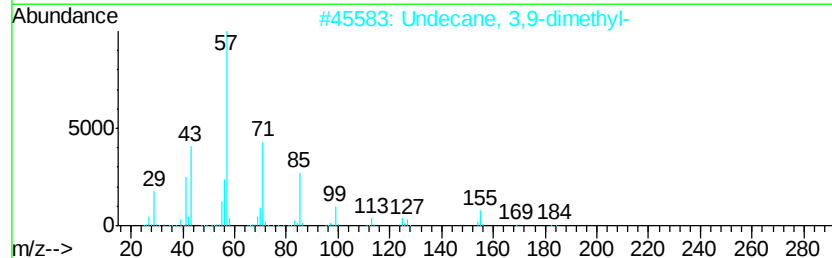
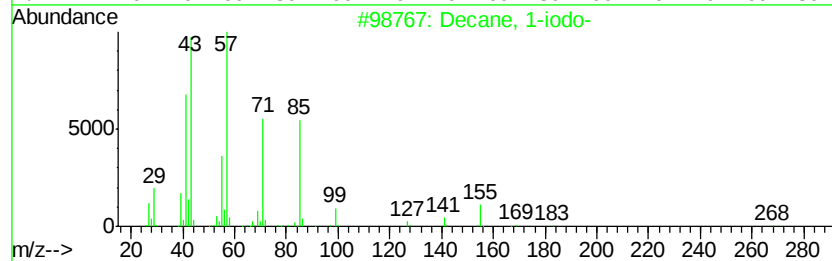
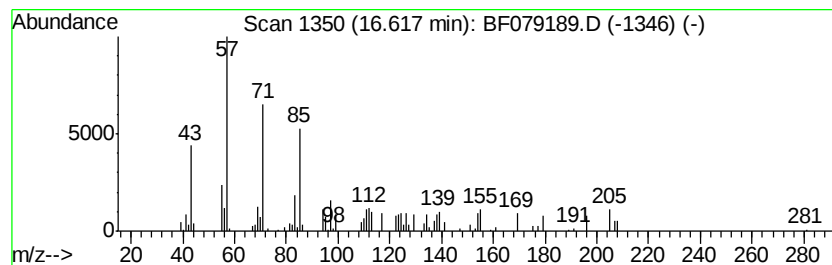
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.61 ng	80353	Chrysene-d12	16.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
4		Heneicosane	296	C21H44	000629-94-7	43
5		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079189.D
Acq On : 13 May 2015 8:12
Operator : TP/IZ
Sample : G2194-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

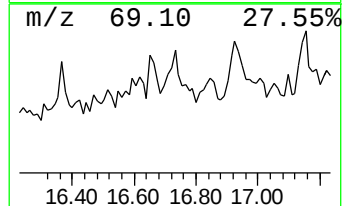
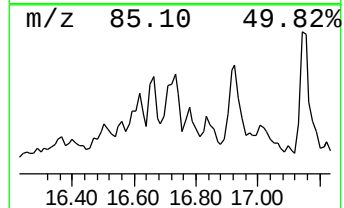
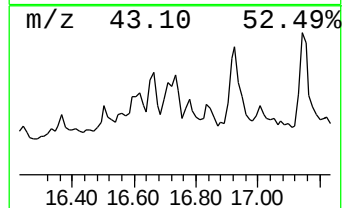
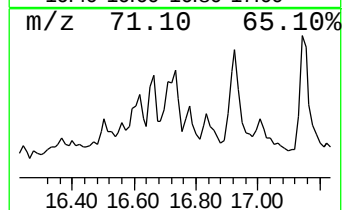
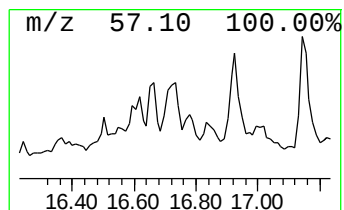
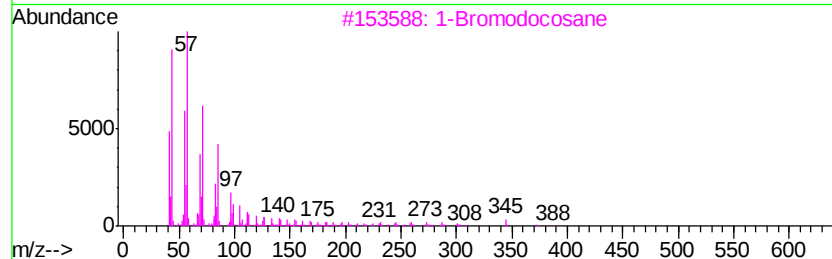
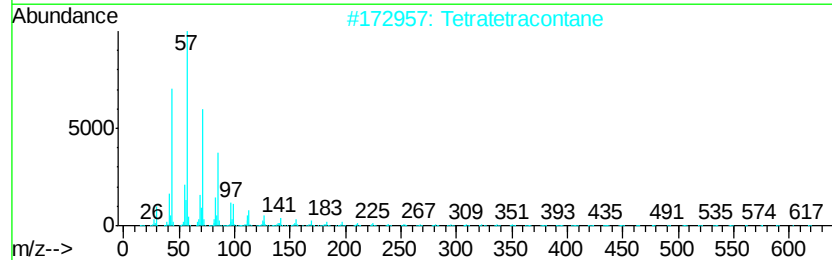
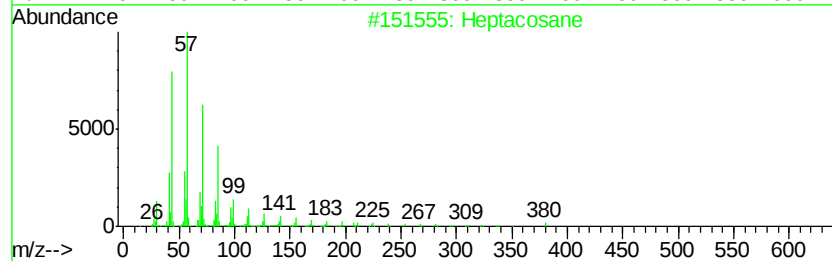
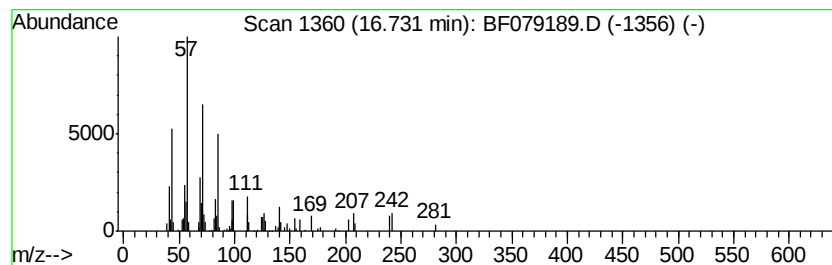
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.26 ng	100358	Chrysene-d12	16.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	64
2	Tetratetracontane	619 C44H90	007098-22-8	59
3	1-Bromodocosane	388 C22H45Br	006938-66-5	50
4	Tridecane	184 C13H28	000629-50-5	50
5	Tetradecane	198 C14H30	000629-59-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079189.D
Acq On : 13 May 2015 8:12
Operator : TP/IZ
Sample : G2194-12
Misc :
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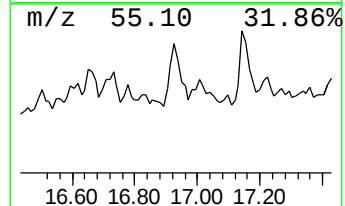
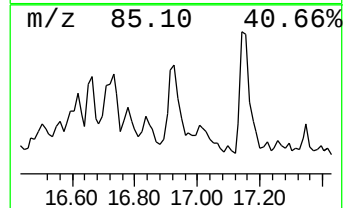
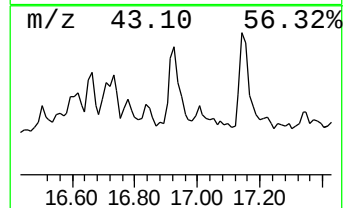
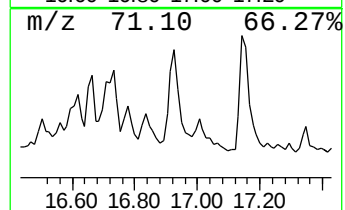
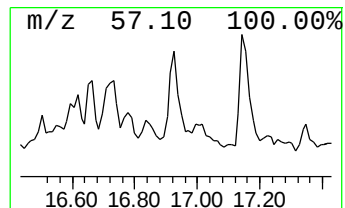
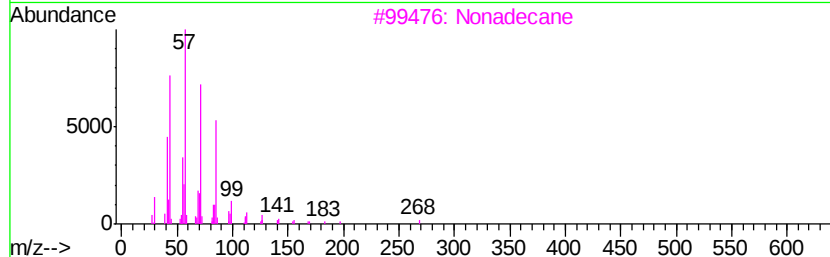
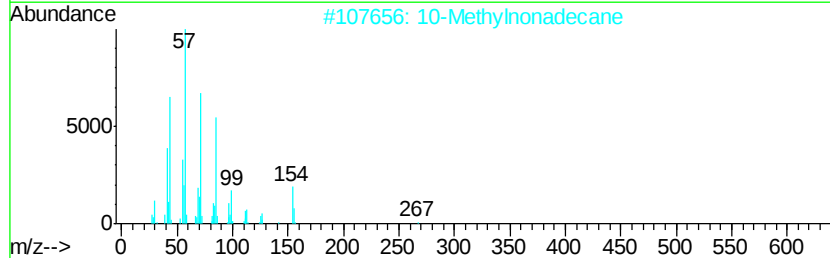
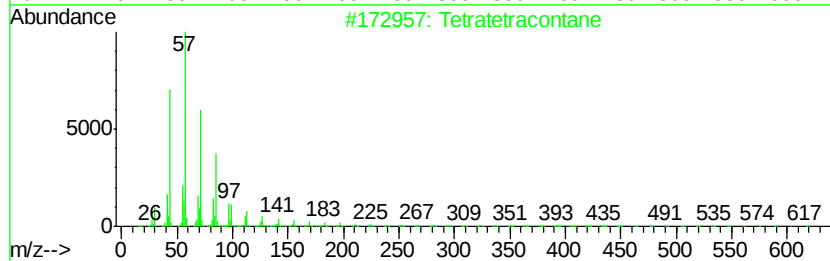
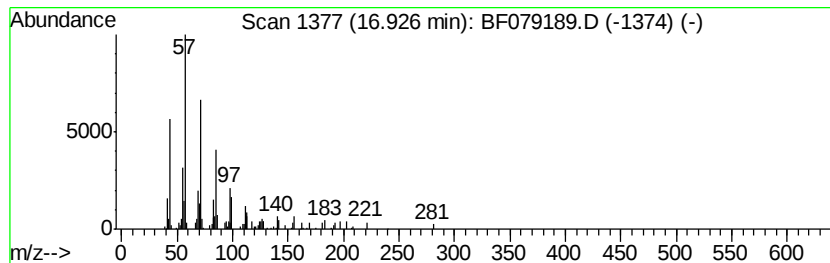
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.93	4.09 ng	125954	Chrysene-d12	16.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	74
2		10-Methylnonadecane	282	C20H42	056862-62-5	68
3		Nonadecane	268	C19H40	000629-92-5	64
4		Docosane	310	C22H46	000629-97-0	64
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079189.D
Acq On : 13 May 2015 8:12
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
TU021-SB-19-6.5

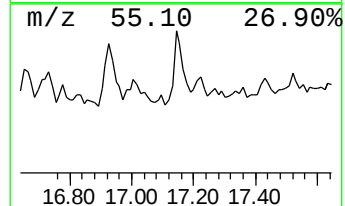
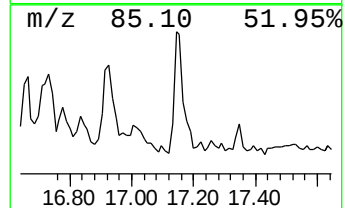
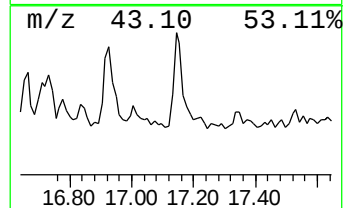
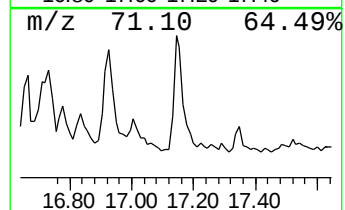
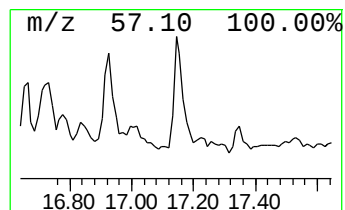
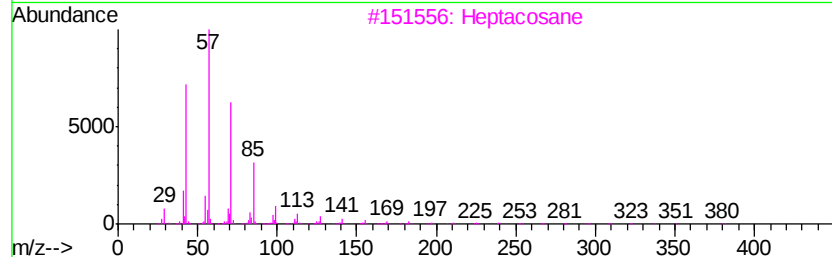
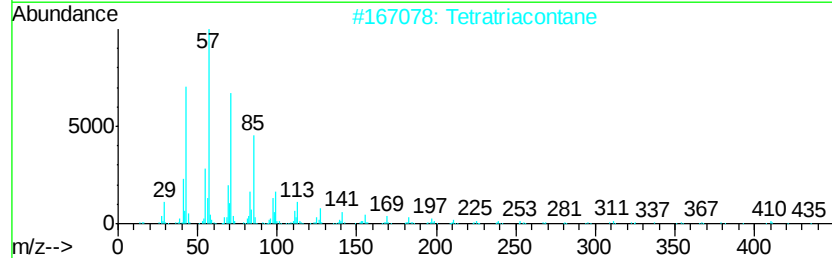
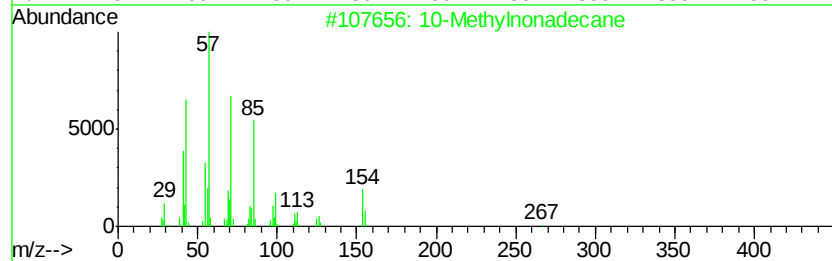
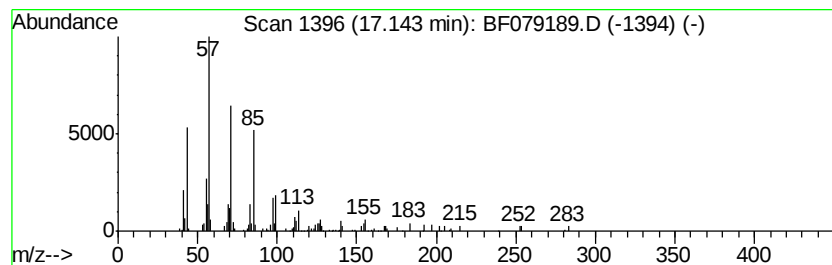
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 10-Methylnonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	5.22 ng	154624	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	87
2		Tetratriacontane	479	C34H70	014167-59-0	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079189.D
Acq On : 13 May 2015 8:12
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Sample : G2194-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Butane, 2-methoxy...	1.75	29.9	ng	480696	1	7.28	321752	20.0
2-Pentanone, 4-hy...	5.08	4.2	ng	66805	1	7.28	321752	20.0
unknown6.99	6.99	88.4	ng	1421580	1	7.28	321752	20.0
unknown15.97	15.97	5.7	ng	174360	5	16.19	615584	20.0
2- Chloropropioni...	16.07	7.8	ng	239276	5	16.19	615584	20.0
unknown16.62	16.62	2.6	ng	80353	5	16.19	615584	20.0
Heptacosane	16.73	3.3	ng	100358	5	16.19	615584	20.0
Tetratetracontane	16.93	4.1	ng	125954	5	16.19	615584	20.0
10-Methylnonadecane	17.14	5.2	ng	154624	6	18.05	592183	20.0