

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088966.D
 Acq On : 13 Jul 2016 19:10
 Operator : UM/SJ
 Sample : H3947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

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-BF063016.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	1.667	6	7	16	rVB	223516	339726	14.06%	1.990%
2	1.781	16	17	26	rVV	1438866	2415630	100.00%	14.151%
3	1.895	26	27	39	rVB	62729	156946	6.50%	0.919%
4	4.844	282	285	292	rVB	119227	181652	7.52%	1.064%
5	5.290	321	324	327	rBV	1328357	1344705	55.67%	7.878%
6	6.341	413	416	419	rVB	1315498	1377458	57.02%	8.069%
7	6.467	424	427	429	rBV	1514939	1703737	70.53%	9.981%
8	6.696	445	447	449	rBV	388079	387223	16.03%	2.268%
9	6.844	458	460	463	rVB	909523	1153203	47.74%	6.756%
10	7.256	493	496	499	rBV	783692	904452	37.44%	5.298%
11	7.976	557	559	562	rBV	576349	507219	21.00%	2.971%
12	9.062	651	654	656	rBV	1862568	1794641	74.29%	10.513%
13	9.450	686	688	691	rBV	184208	155932	6.46%	0.913%
14	9.725	710	712	714	rBV2	486846	518790	21.48%	3.039%
15	10.513	778	781	784	rVB	1037655	970061	40.16%	5.683%
16	10.650	791	793	796	rBV	14399	24847	1.03%	0.146%
17	11.096	829	832	833	rBV	33872	36964	1.53%	0.217%
18	11.199	839	841	844	rBV	395055	476006	19.71%	2.789%
19	12.411	945	947	949	rVB	45359	45901	1.90%	0.269%
20	12.628	963	966	969	rBV	54116	61383	2.54%	0.360%
21	12.788	978	980	982	rBV	1235020	1069555	44.28%	6.266%
22	13.348	1025	1029	1030	rBV2	19975	27650	1.14%	0.162%
23	13.485	1039	1041	1044	rVB2	149806	189299	7.84%	1.109%
24	13.691	1057	1059	1065	rBV	78284	93656	3.88%	0.549%
25	13.828	1068	1071	1073	rBV	398879	392559	16.25%	2.300%
26	14.137	1096	1098	1101	rBV	168911	145480	6.02%	0.852%
27	14.331	1112	1115	1120	rBV2	15632	32666	1.35%	0.191%
28	14.742	1148	1151	1153	rBV	39790	38753	1.60%	0.227%
29	14.822	1155	1158	1162	rBV	21221	40083	1.66%	0.235%
30	15.200	1188	1191	1193	rBV	292195	347344	14.38%	2.035%
31	16.994	1345	1348	1351	rBV2	16861	41450	1.72%	0.243%
32	17.051	1351	1353	1359	rVB6	15752	34770	1.44%	0.204%
33	17.280	1369	1373	1376	rBV4	13723	35754	1.48%	0.209%
34	17.474	1386	1390	1394	rVB3	10215	24492	1.01%	0.143%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WPG(15-20)SP-C

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

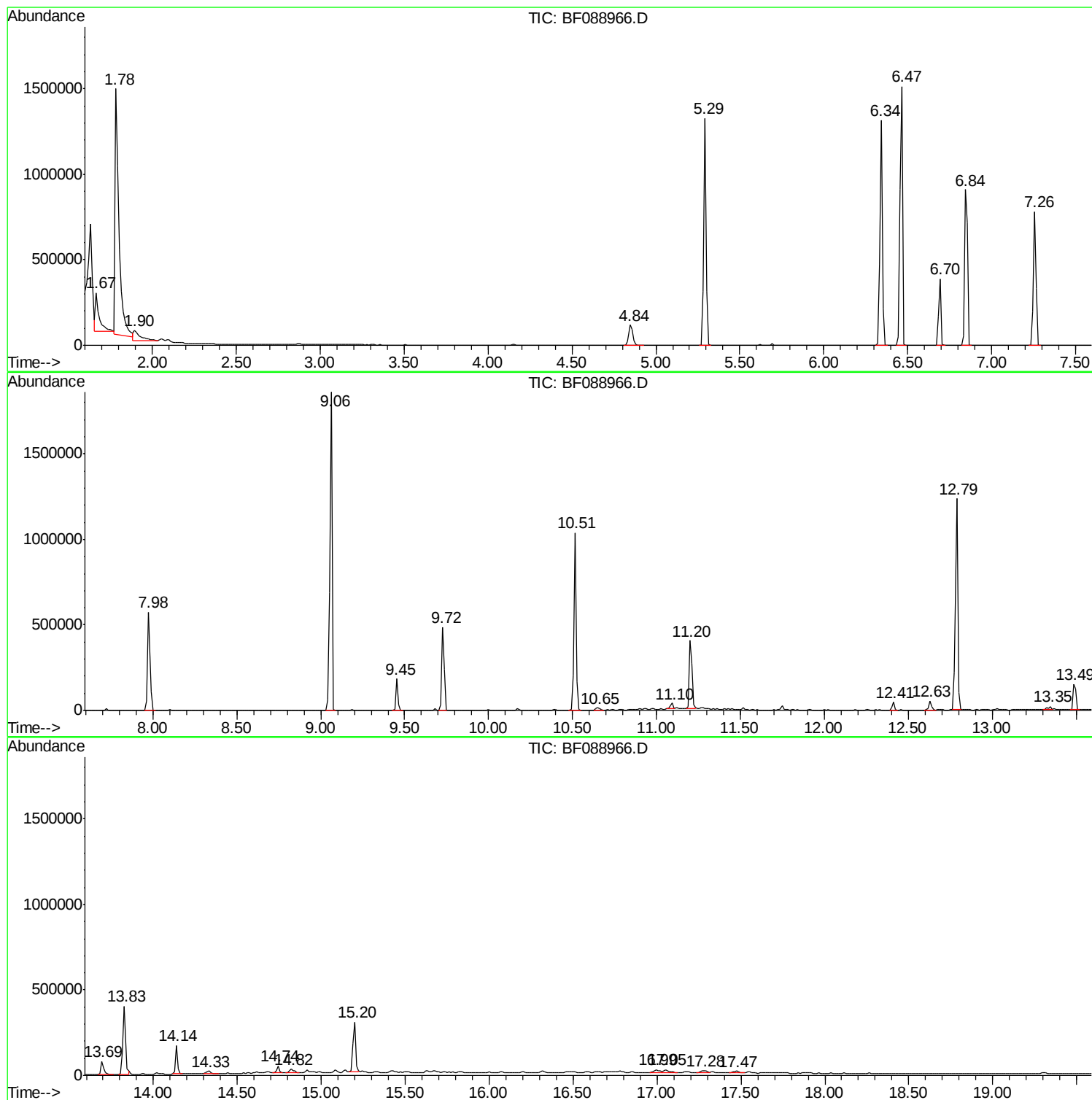
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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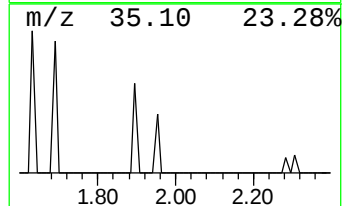
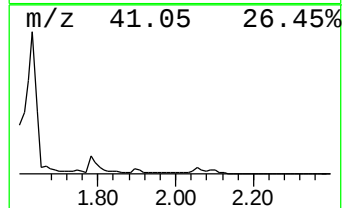
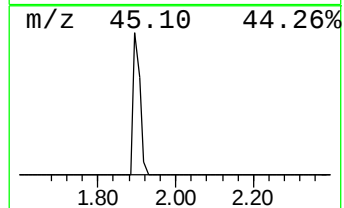
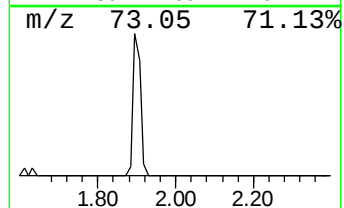
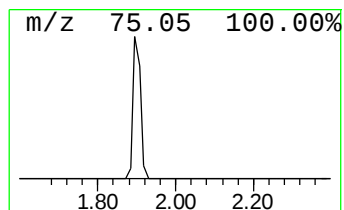
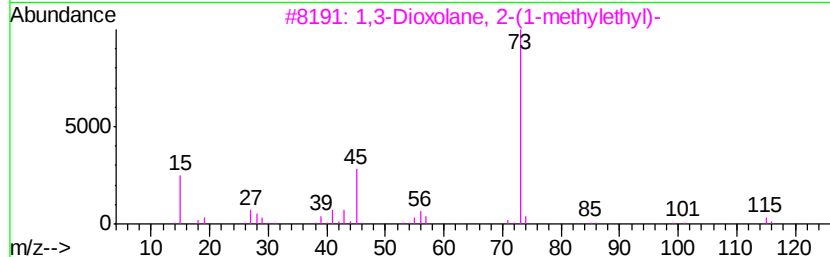
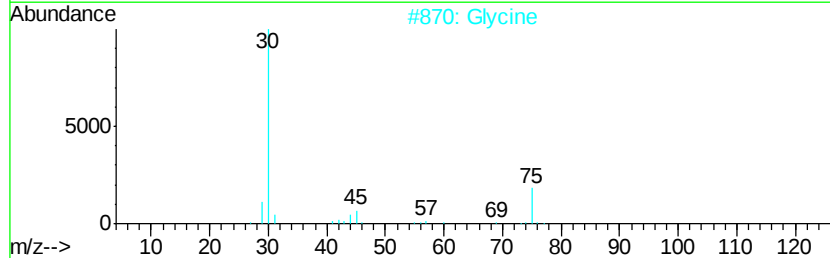
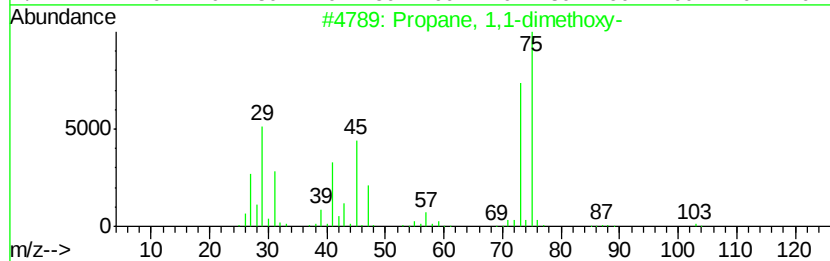
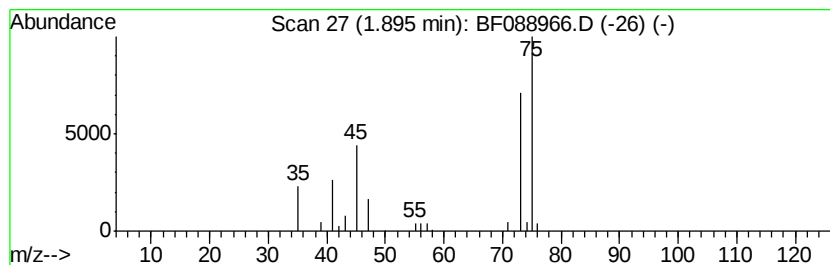
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown1.90 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	8.11 ng	156946	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	47
2			Glycine	75	C2H5NO2	000056-40-6	7
3			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	4
4			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	4
5			Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	4



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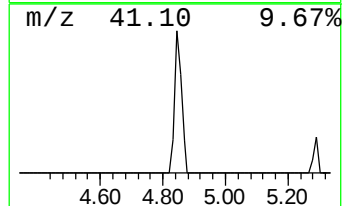
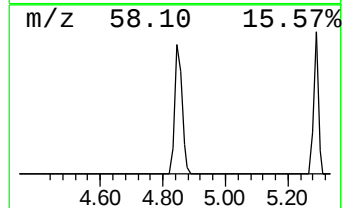
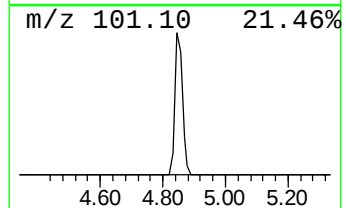
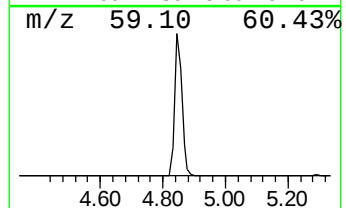
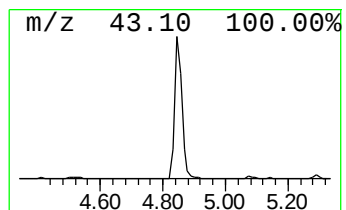
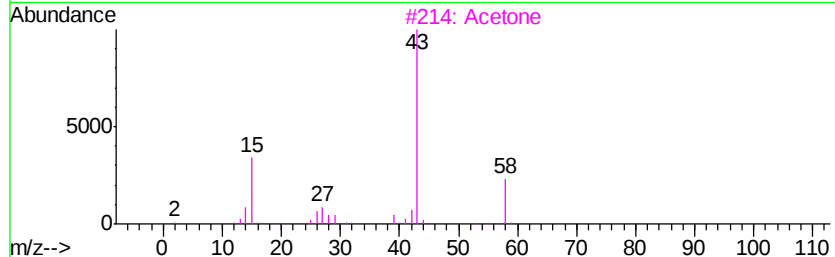
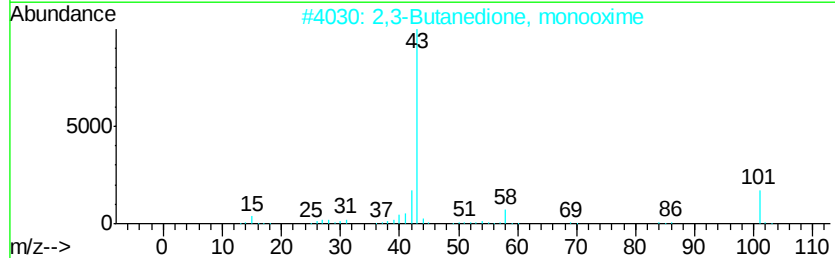
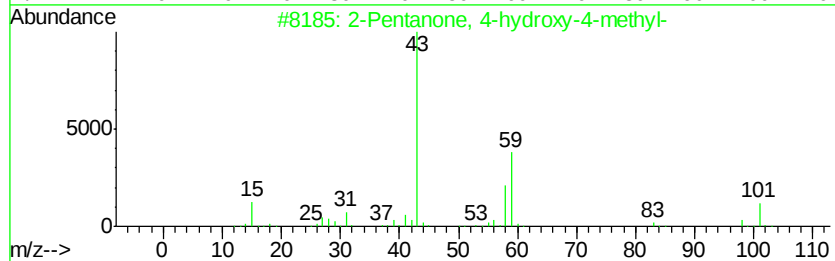
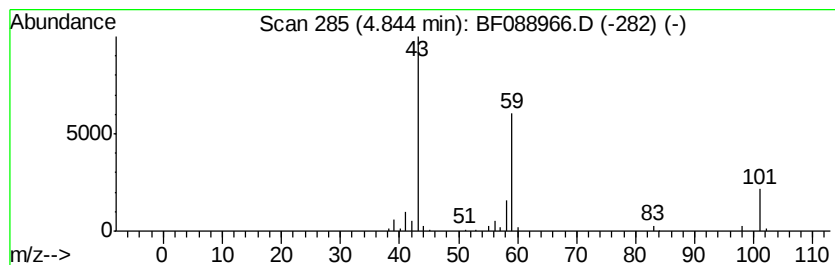
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	9.38 ng	181652	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Acetone	58	C3H6O	000067-64-1	10		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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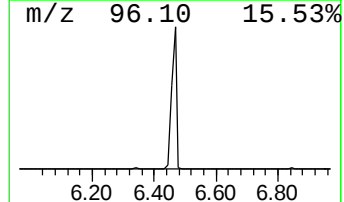
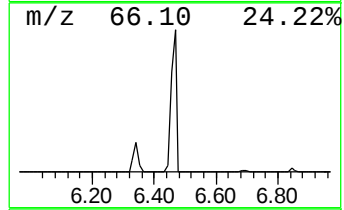
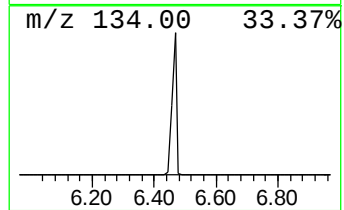
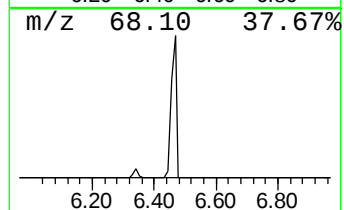
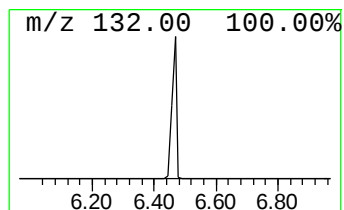
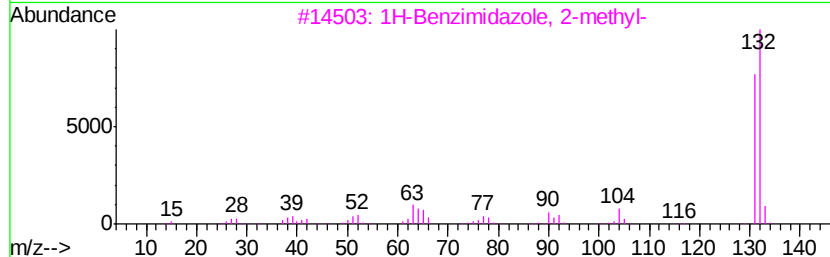
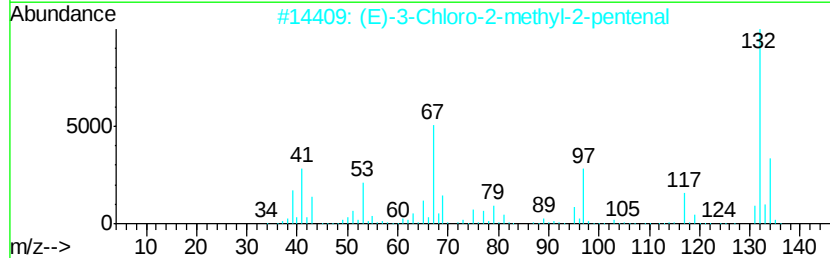
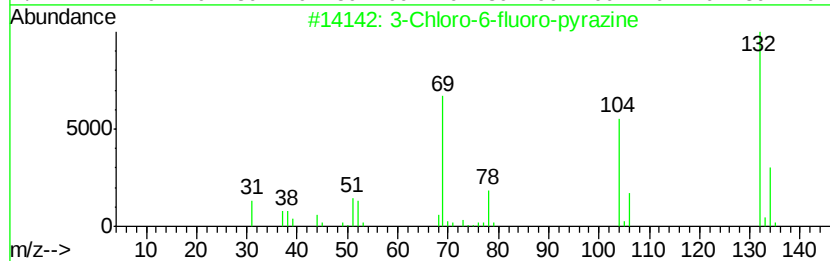
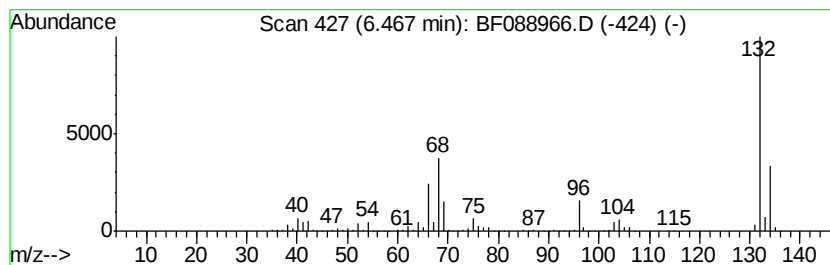
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	88.00 ng	1703740	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35	
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17	
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	



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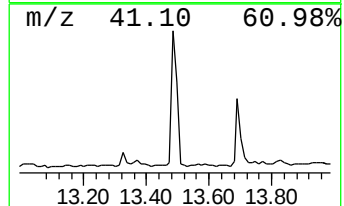
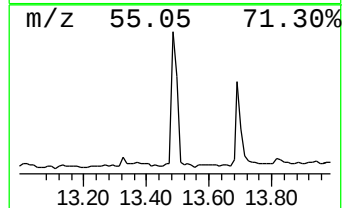
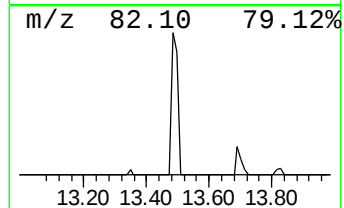
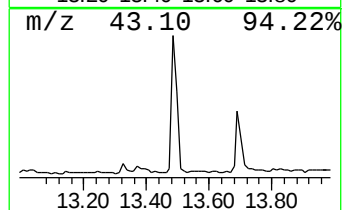
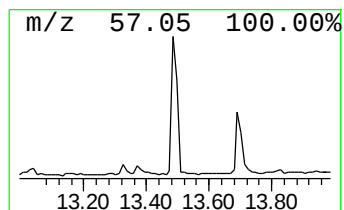
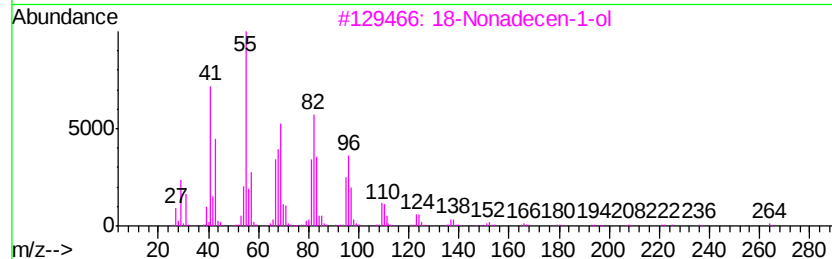
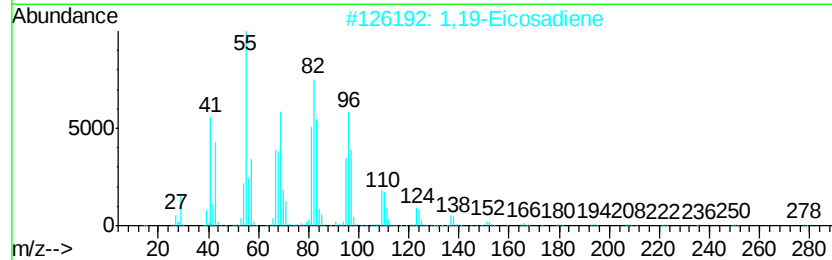
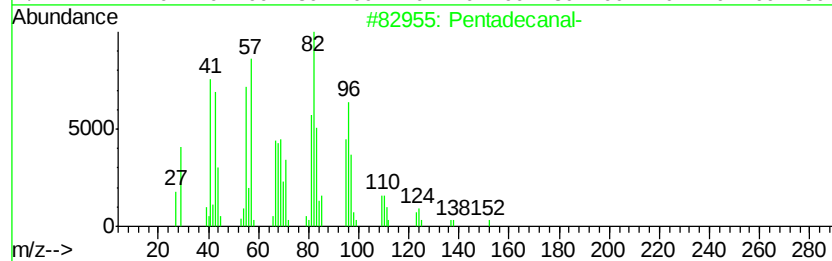
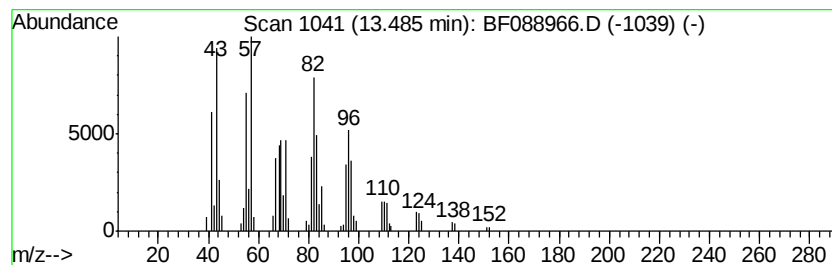
Instrument :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecanal- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.49	9.64 ng	189299	Chrysene-d12		13.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	81
3	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	80
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68



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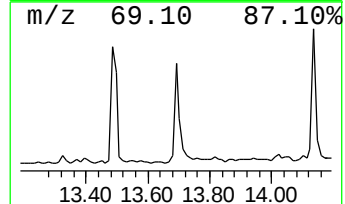
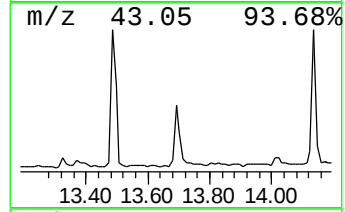
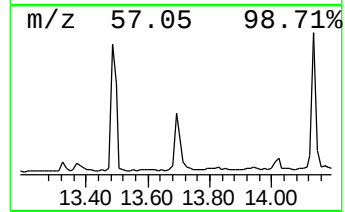
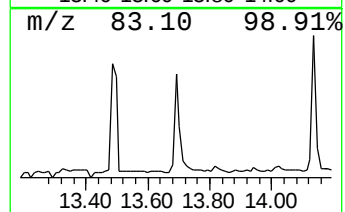
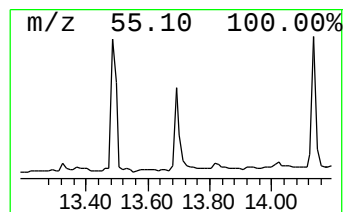
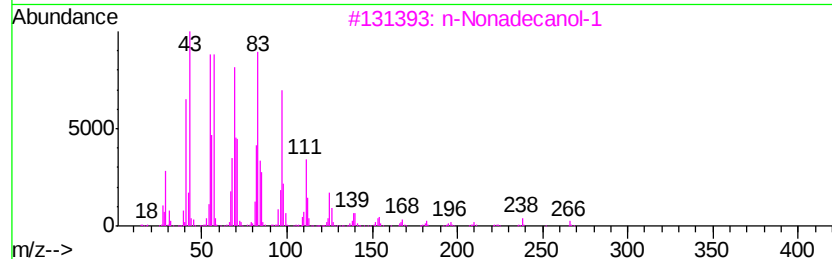
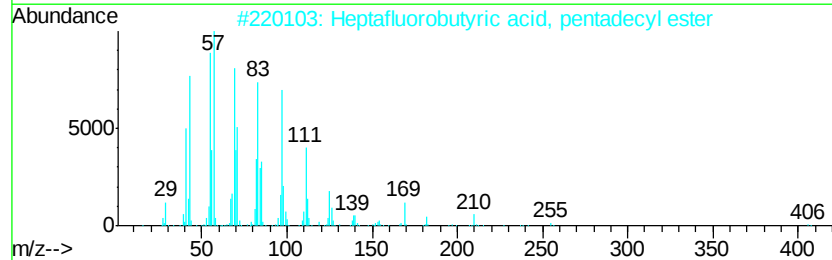
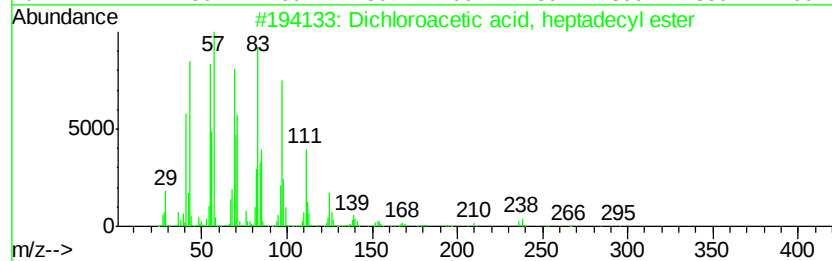
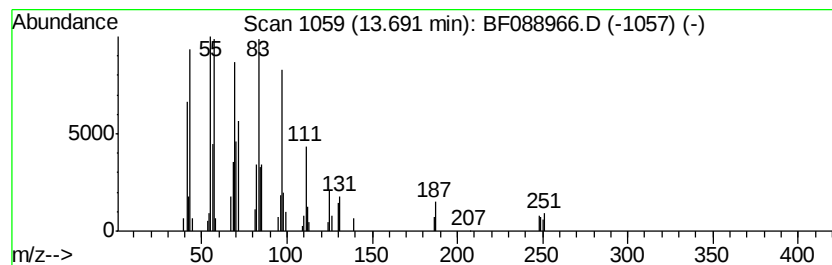
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TIC Library : C:\Database\NIST11.L
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Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.77 ng	93656	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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Sample : H3947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

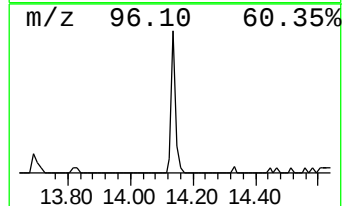
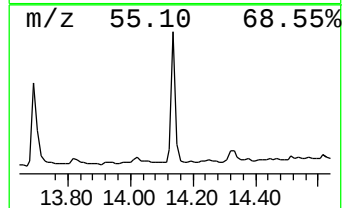
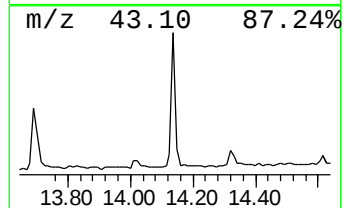
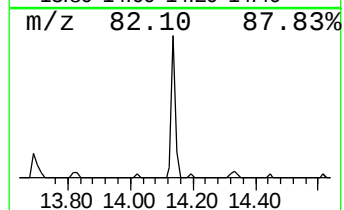
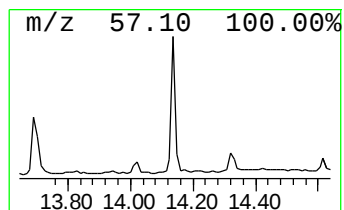
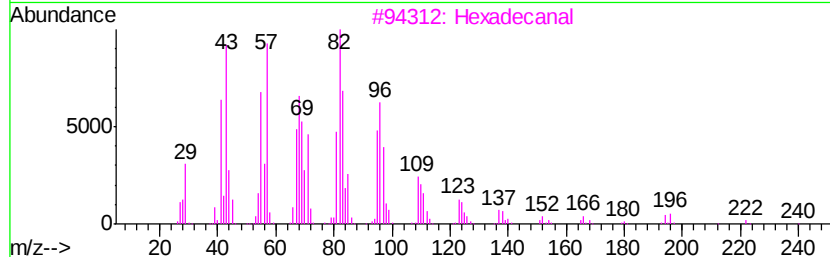
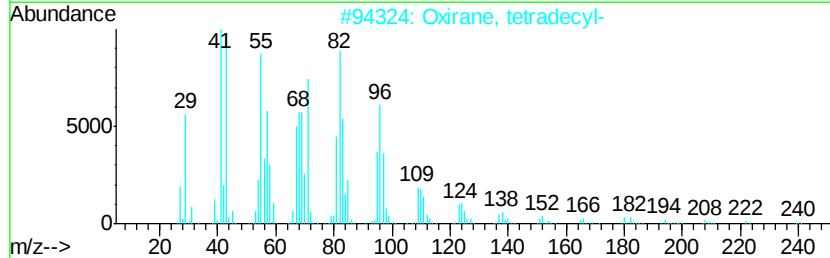
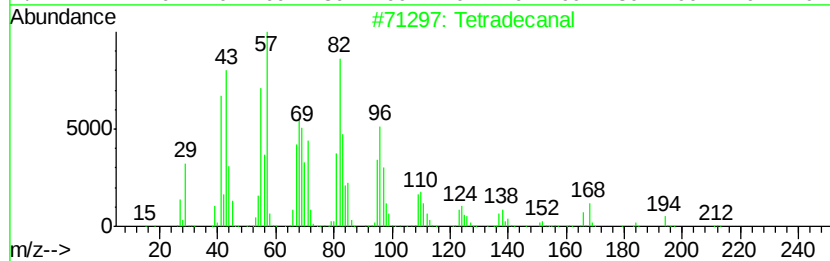
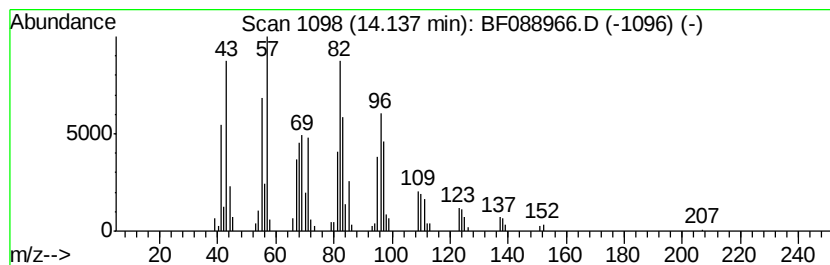
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	7.41 ng	145480	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	91
2			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	87
3			Hexadecanal	240	C16H32O	000629-80-1	87
4			1,19-Eicosadiene	278	C20H38	014811-95-1	87
5			Oxirane, tridecyl-	226	C15H30O	018633-25-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088966.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
Sample : H3947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

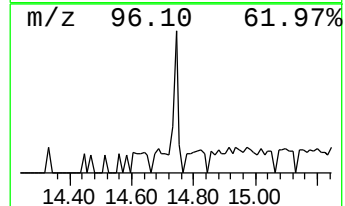
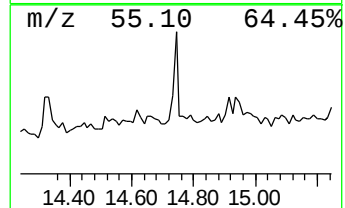
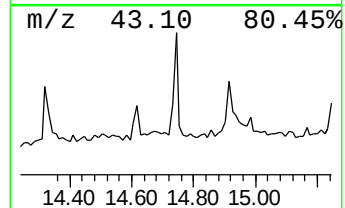
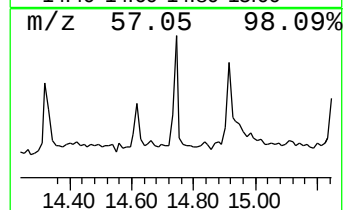
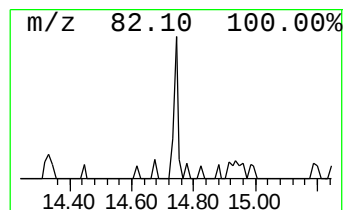
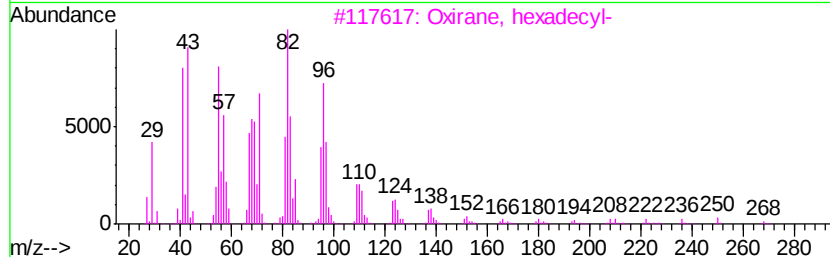
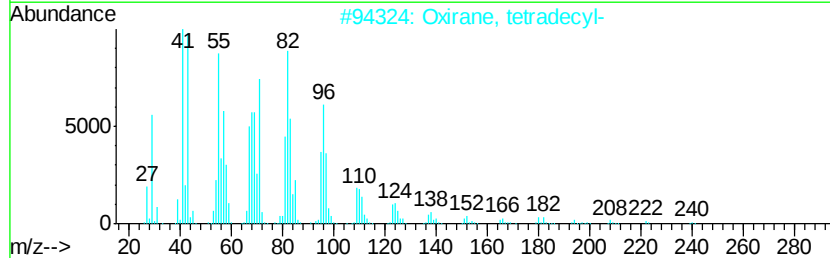
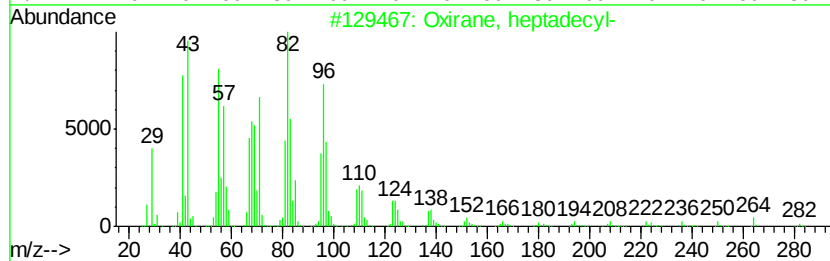
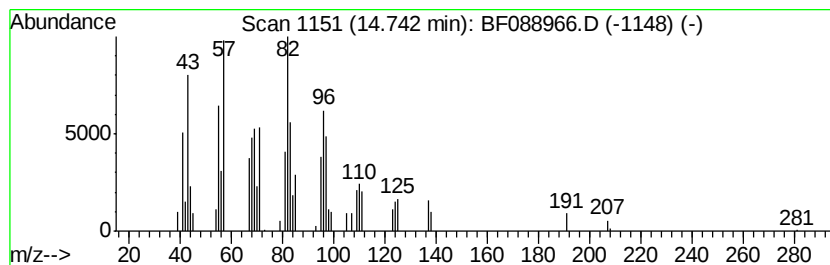
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.23 ng	38753	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Hexadecanal	240	C16H32O	000629-80-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088966.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

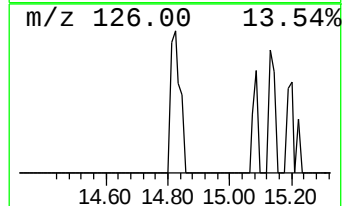
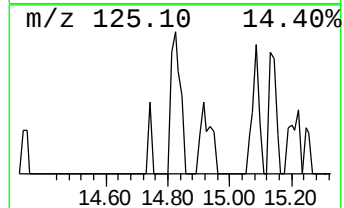
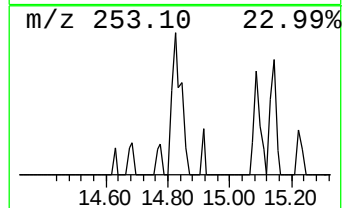
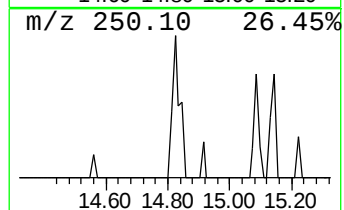
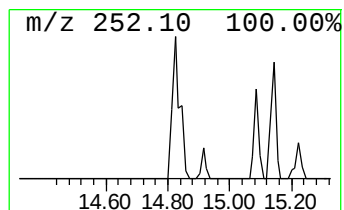
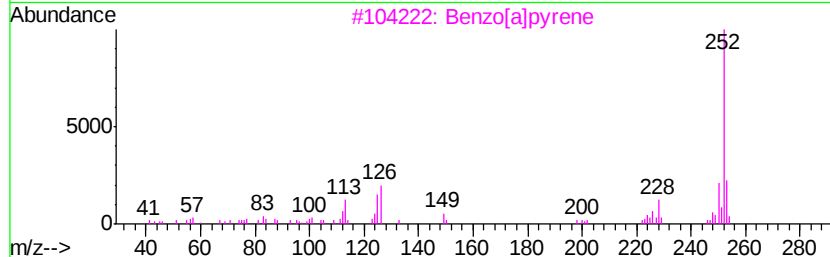
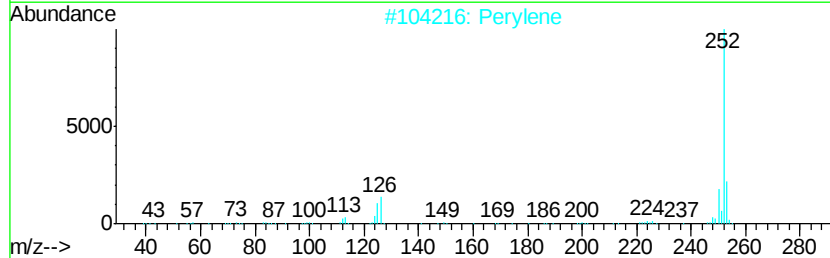
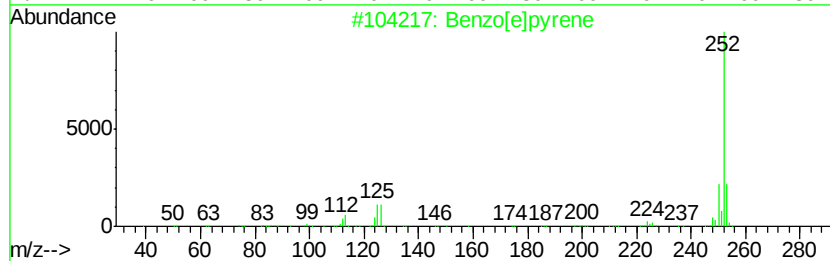
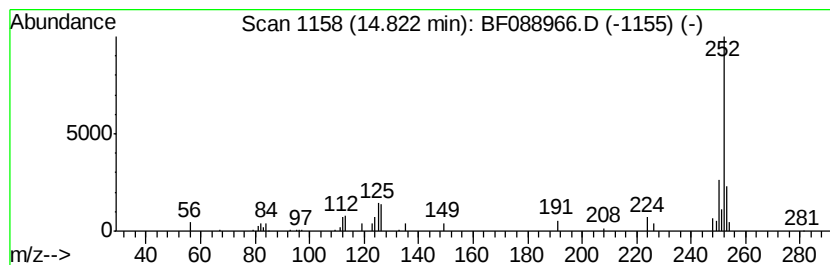
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.31 ng	40083	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Perylene	252	C20H12	000198-55-0	87
3		Benzo[a]pyrene	252	C20H12	000050-32-8	87
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	81
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088966.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
Sample : H3947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

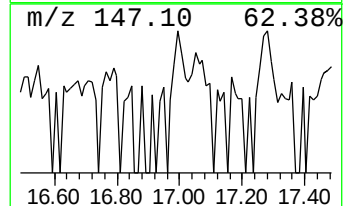
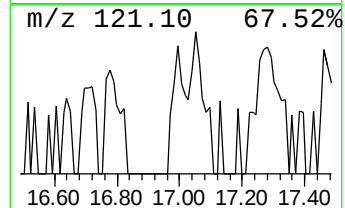
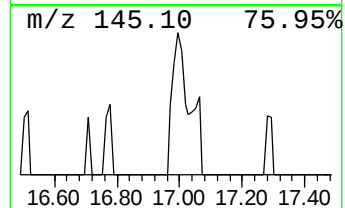
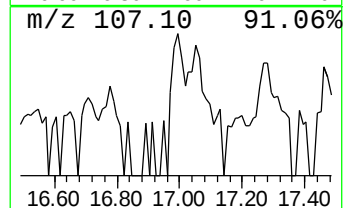
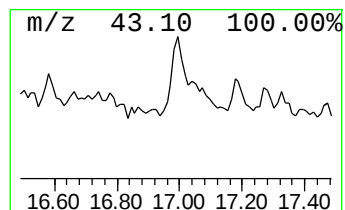
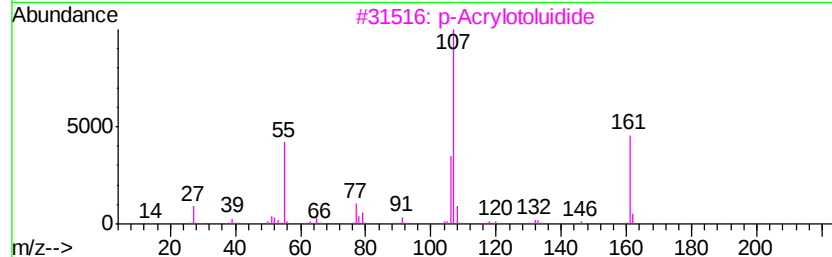
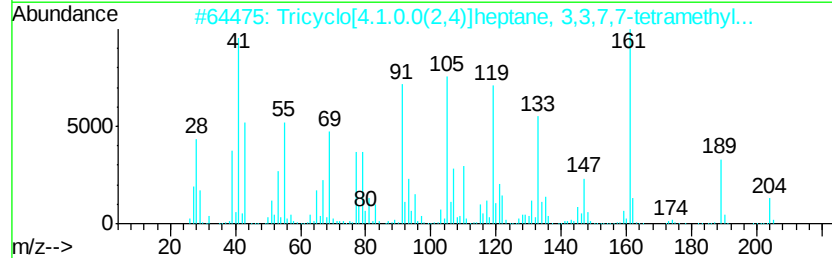
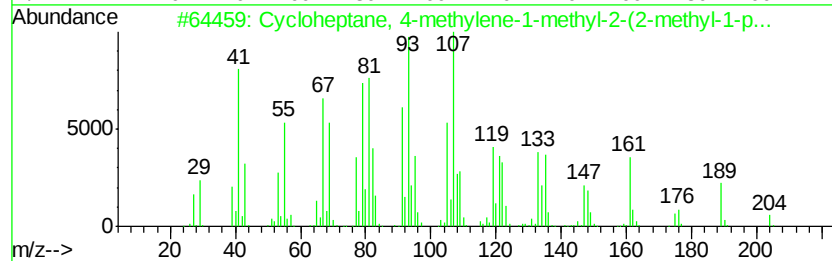
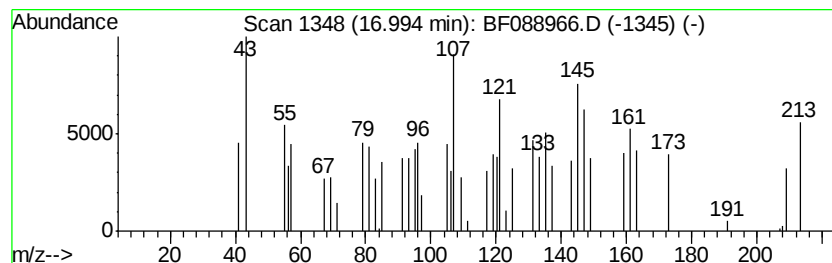
Instrument :
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ClientSampleId :
WPG(15-20)SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown16.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.39 ng	41450	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloheptane, 4-methylene-1-meth...	204 C15H24	1000159-38-5 25
2		Tricyclo[4.1.0.0(2,4)]heptane, 3...	204 C15H24	056348-21-1 14
3		p-Acrylotoluidide	161 C10H11NO	007766-36-1 11
4		Longifolene	204 C15H24	000475-20-7 10
5		4-(Pyridin-2-yl)piperazine-1-car...	191 C10H13N3O	1000368-49-0 10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088966.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
Sample : H3947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
WPG(15-20)SP-C

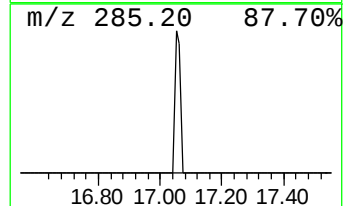
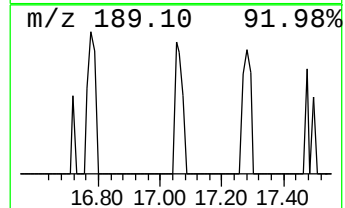
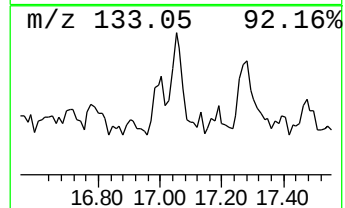
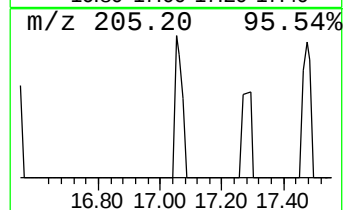
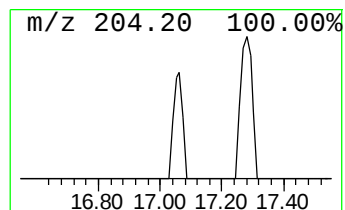
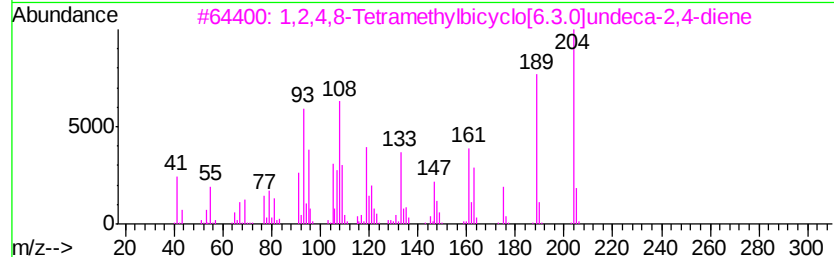
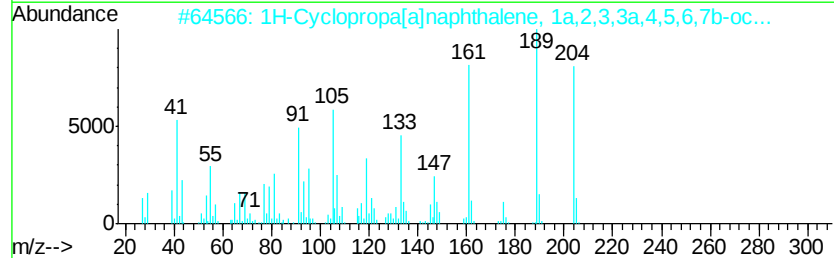
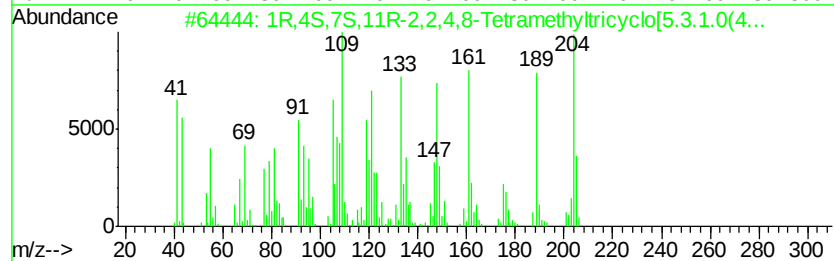
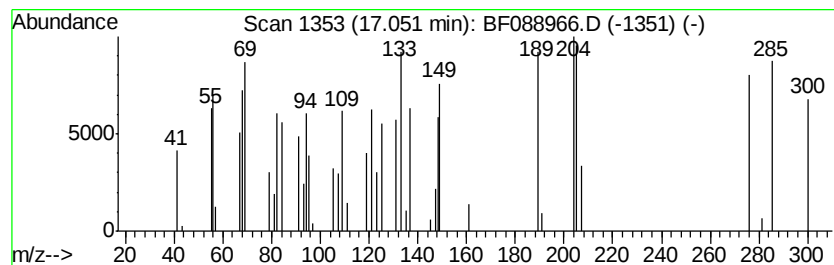
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown17.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.00 ng	34770	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38
2		1H-Cyclopropa[alnaphthalene, 1a,...	204	C15H24	000489-29-2	18
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	14
4		Cedrene-V6	204	C15H24	1000162-76-8	14
5		2-Ethyl-trans-4a,cis-4b,trans-8a...	276	C19H32O	1000243-62-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088966.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
Sample : H3947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown1.90	1.90	8.1 ng		156946	1	6.70	387223	20.0
2-Pentanone, 4-hy...	4.84	9.4 ng		181652	1	6.70	387223	20.0
unknown6.47	6.47	88.0 ng		1703740	1	6.70	387223	20.0
Pentadecanal-	13.49	9.6 ng		189299	5	13.83	392559	20.0
Dichloroacetic ac...	13.69	4.8 ng		93656	5	13.83	392559	20.0
Tetradecanal	14.14	7.4 ng		145480	5	13.83	392559	20.0
Oxirane, heptadecyl-	14.74	2.2 ng		38753	6	15.20	347344	20.0
Benzo[e]pyrene	14.82	2.3 ng		40083	6	15.20	347344	20.0
unknown16.99	16.99	2.4 ng		41450	6	15.20	347344	20.0
unknown17.05	17.05	2.0 ng		34770	6	15.20	347344	20.0
6S-2,3,8,8-Tetram...	17.28	2.1 ng		35754	6	15.20	347344	20.0