

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091924.D
 Acq On : 23 Dec 2016 15:28
 Operator : UM/SJ
 Sample : H6156-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.144	3	5	29	rVB2	45042	230124	3.47%	0.474%
2	4.899	244	246	255	rVB	758973	899955	13.57%	1.854%
3	5.379	285	288	290	rBV	2994488	2994149	45.14%	6.170%
4	6.430	377	380	382	rBV	1770187	1979019	29.83%	4.078%
5	6.522	385	388	391	rBV	4282783	4727024	71.26%	9.741%
6	6.739	404	407	409	rBV	1387882	1234933	18.62%	2.545%
7	6.899	418	421	423	rVB	4603033	4785663	72.14%	9.861%
8	7.310	453	457	459	rBV	3529439	3919468	59.09%	8.076%
9	7.447	465	469	472	rBV	123768	180490	2.72%	0.372%
10	8.019	517	519	522	rBV	1169515	1627932	24.54%	3.355%
11	8.259	537	540	541	rBV	192344	288140	4.34%	0.594%
12	8.282	541	542	544	rVB	284989	208962	3.15%	0.431%
13	8.625	568	572	574	rBV	70090	67132	1.01%	0.138%
14	9.105	611	614	616	rBV	6515437	6633517	100.00%	13.669%
15	9.185	619	621	624	rVB3	114172	123552	1.86%	0.255%
16	9.710	665	667	669	rBV	119822	137767	2.08%	0.284%
17	9.779	669	673	675	rVV2	1440271	2001923	30.18%	4.125%
18	10.213	707	711	713	rBV2	163182	204943	3.09%	0.422%
19	10.431	727	730	733	rBV	42598	68116	1.03%	0.140%
20	10.568	739	742	745	rBV	3764270	4137037	62.37%	8.525%
21	10.682	750	752	754	rVV	148107	176919	2.67%	0.365%
22	10.728	754	756	760	rVB	37920	67703	1.02%	0.140%
23	11.128	790	791	793	rBV	103992	102568	1.55%	0.211%
24	11.253	800	802	805	rBV	2062779	1811469	27.31%	3.733%
25	11.562	826	829	830	rBV	57767	83779	1.26%	0.173%
26	11.962	862	864	865	rBV	88264	73229	1.10%	0.151%
27	12.671	923	926	928	rBV	384824	343050	5.17%	0.707%
28	12.751	929	933	934	rBV2	90294	170684	2.57%	0.352%
29	12.842	938	941	944	rBV	4900716	5697200	85.89%	11.740%
30	13.368	985	987	990	rBV2	183348	264326	3.98%	0.545%
31	13.745	1018	1020	1022	rVB	81035	76436	1.15%	0.158%
32	13.882	1030	1032	1035	rBV	1430383	1507043	22.72%	3.105%
33	14.065	1046	1048	1050	rBV	82243	94823	1.43%	0.195%
34	14.362	1072	1074	1076	rVB	58050	72689	1.10%	0.150%

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35	14.660	1098	1100	1103	rVB	89450	93676	1.41%	0.193%
36	14.968	1124	1127	1130	rVB	67792	78807	1.19%	0.162%
37	15.277	1151	1154	1156	rBV	829996	1114156	16.80%	2.296%
38	15.311	1156	1157	1162	rVB	75529	100112	1.51%	0.206%
39	15.711	1189	1192	1196	rVB	43378	81975	1.24%	0.169%
40	16.157	1228	1231	1234	rVB	40839	68912	1.04%	0.142%

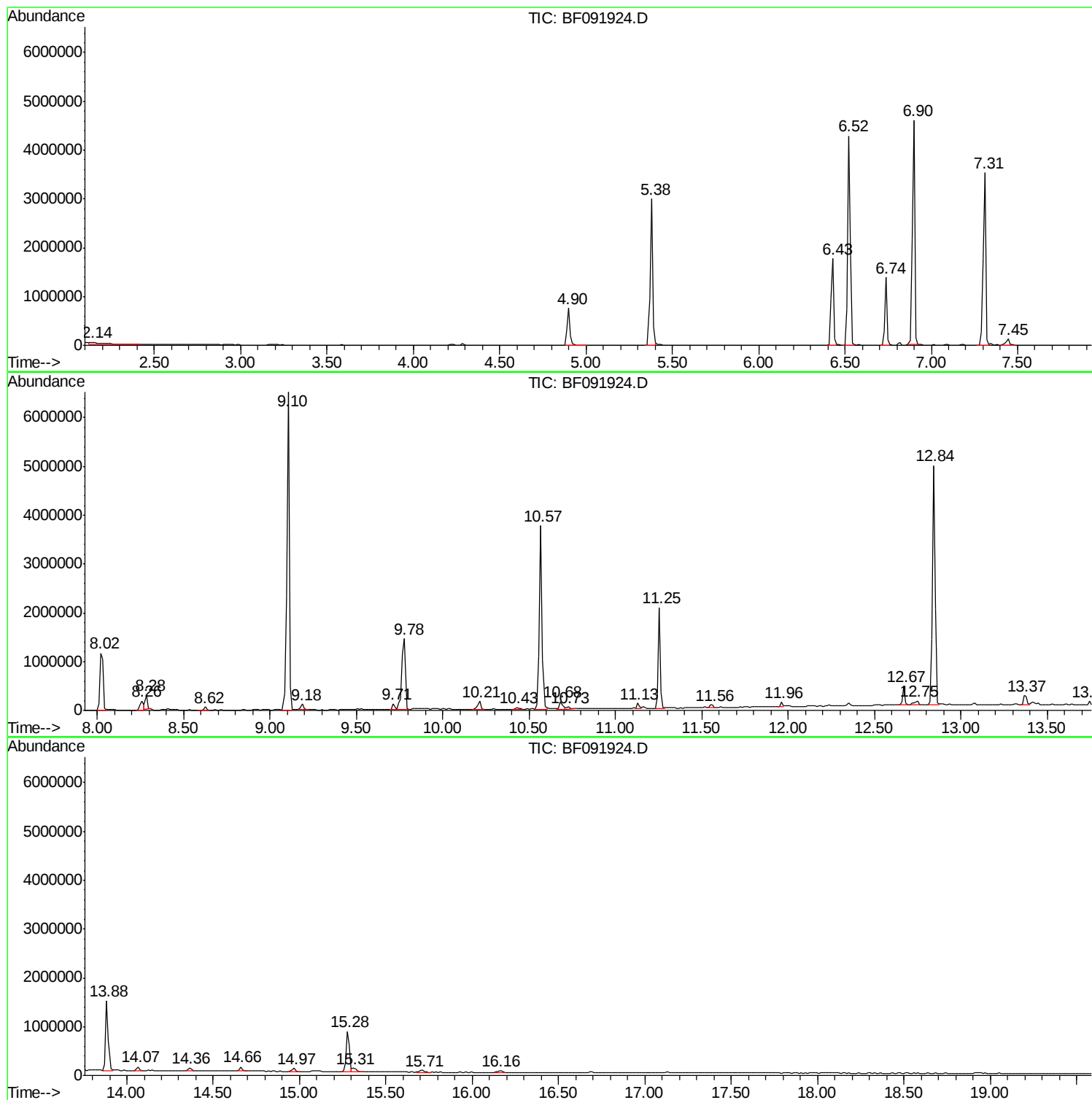
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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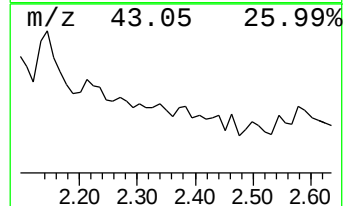
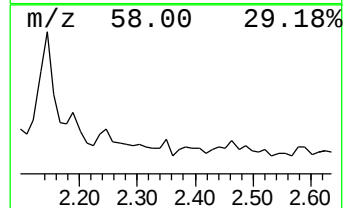
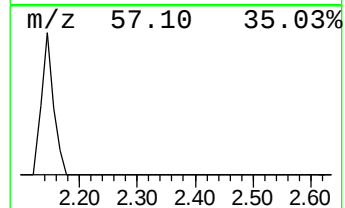
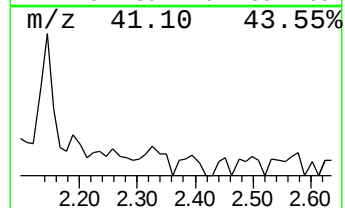
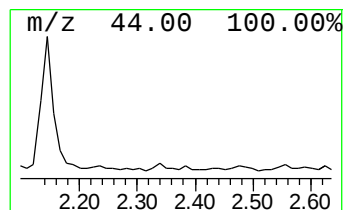
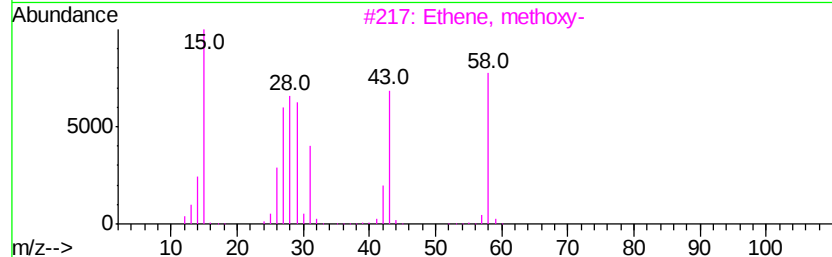
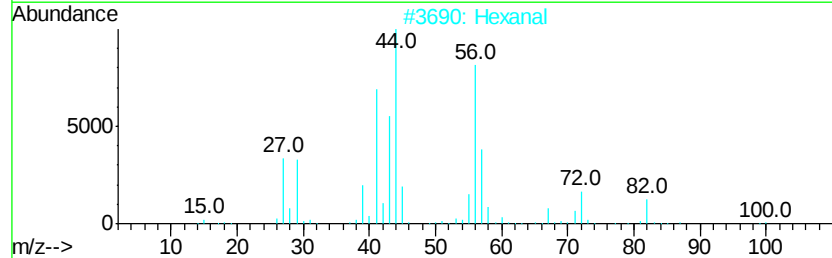
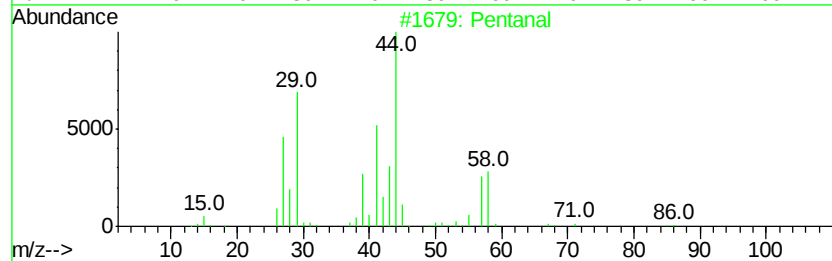
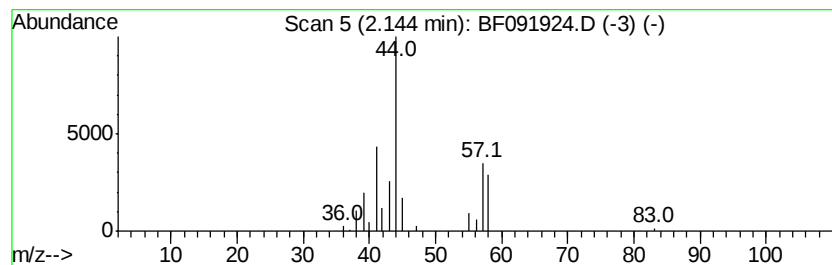
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	3.73 ng	230124	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	72
2		Hexanal	100	C6H12O	000066-25-1	9
3		Ethene, methoxy-	58	C3H6O	000107-25-5	5
4		Acetaldehyde	44	C2H4O	000075-07-0	4
5		Benzeneethanamine, 2-fluoro-.bet...	185	C9H12FN02	103439-04-9	4



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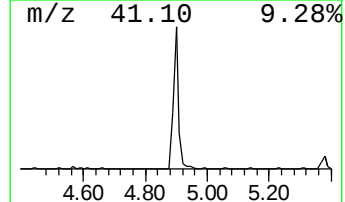
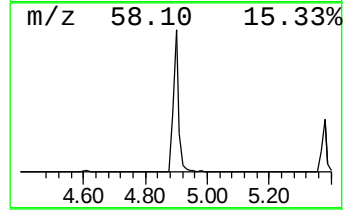
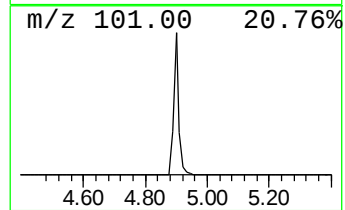
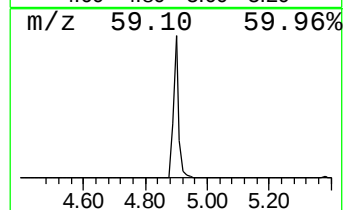
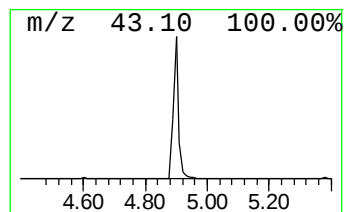
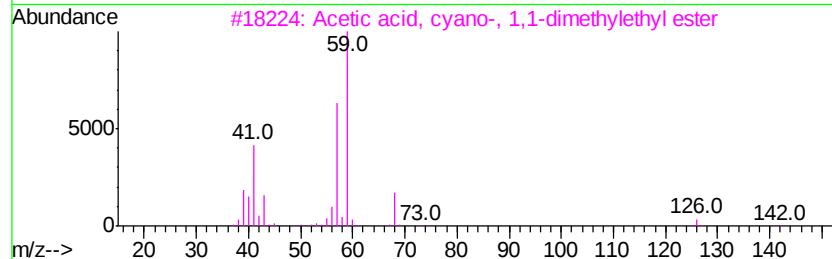
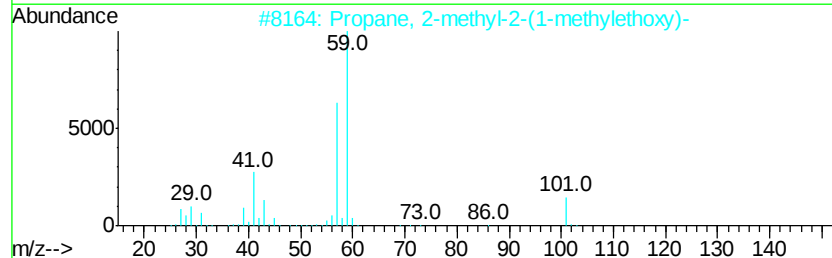
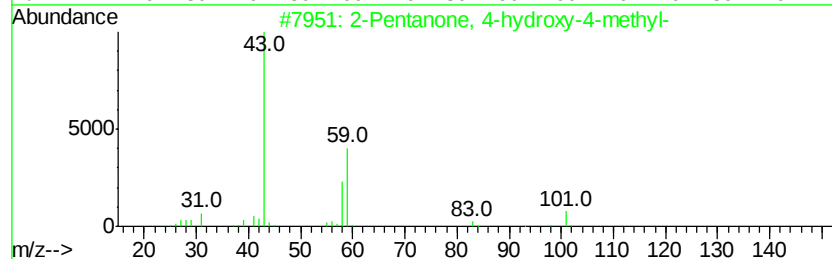
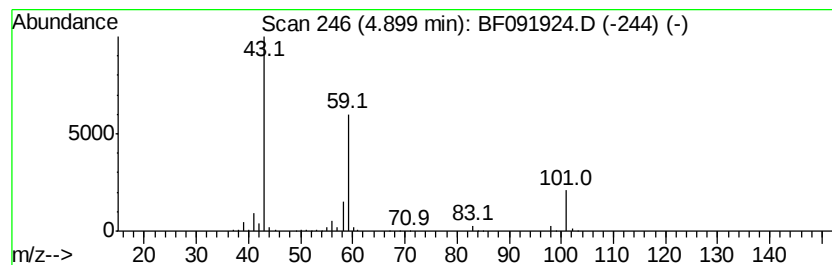
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	14.58 ng	899955	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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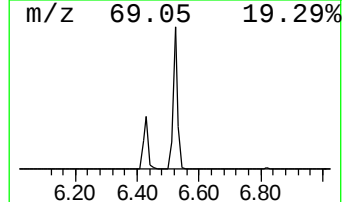
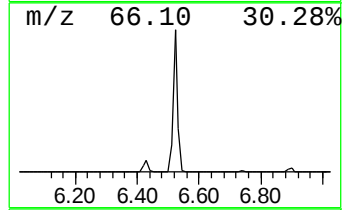
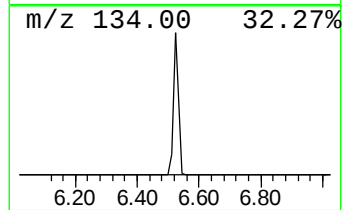
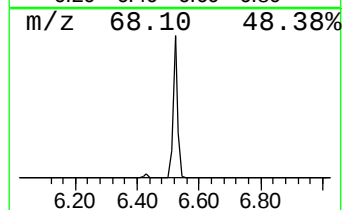
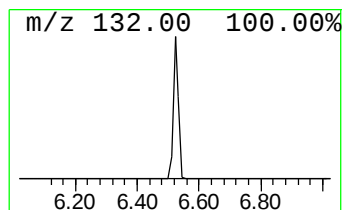
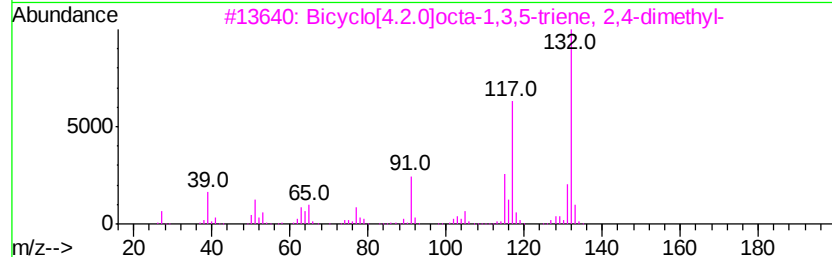
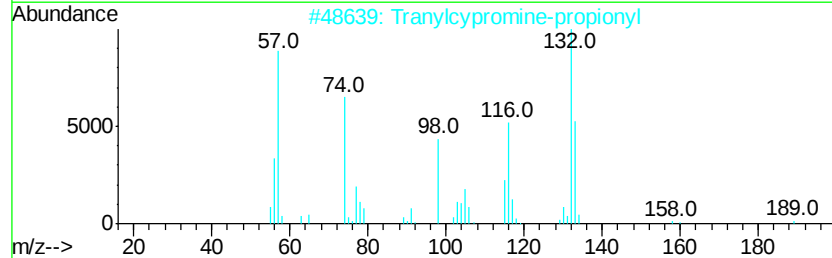
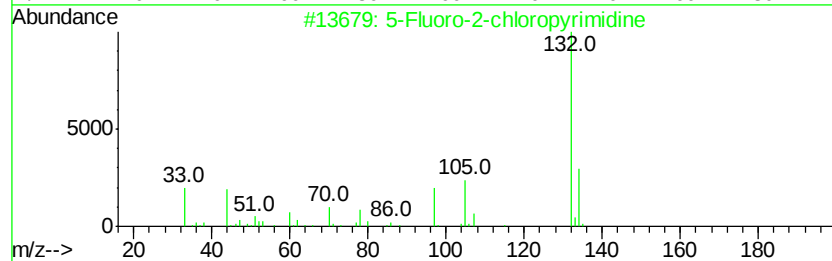
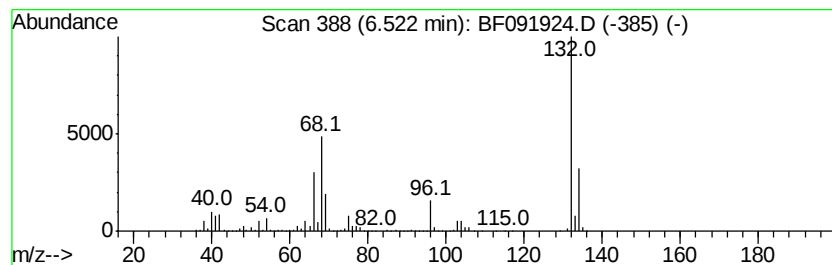
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	76.56 ng	4727020	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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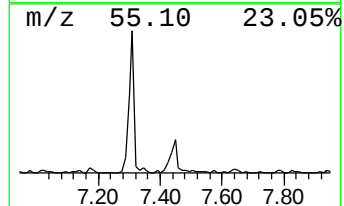
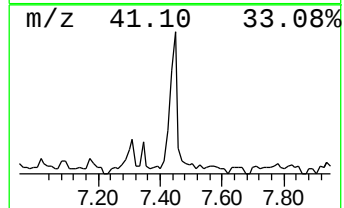
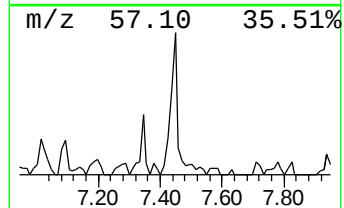
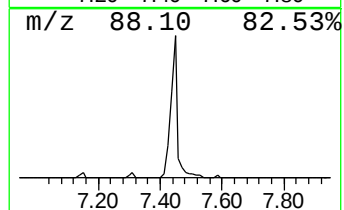
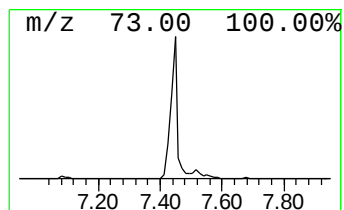
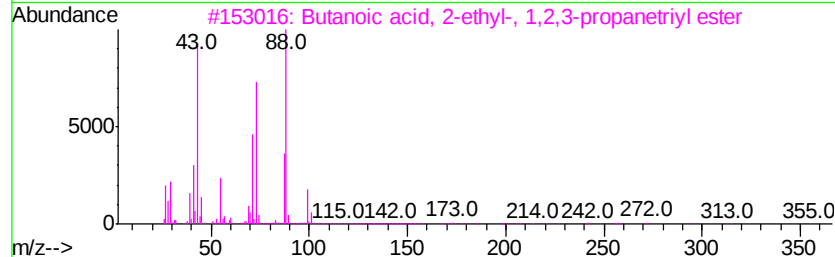
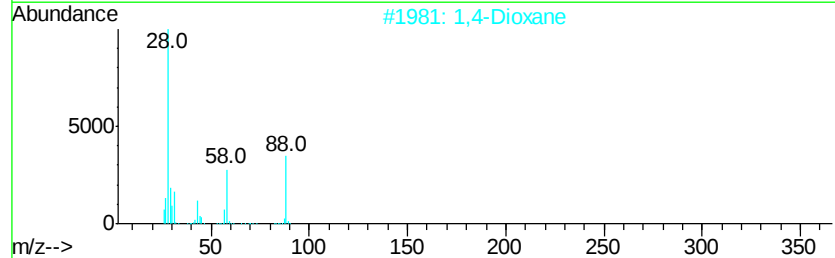
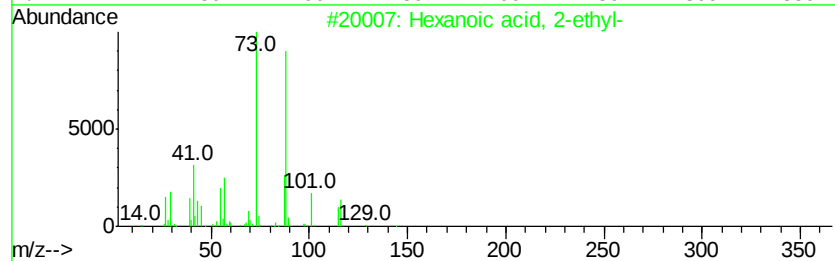
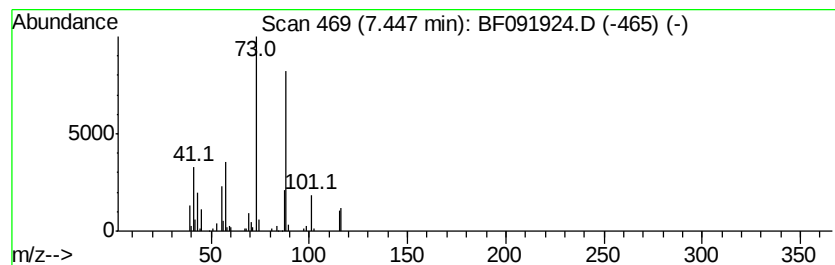
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Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	2.22 ng	180490	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		1,4-Dioxane	88	C4H8O2	000123-91-1	43
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
5		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	33



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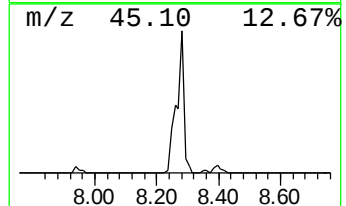
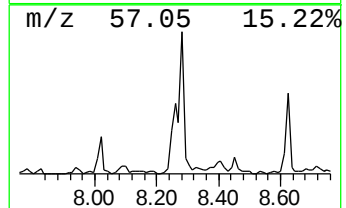
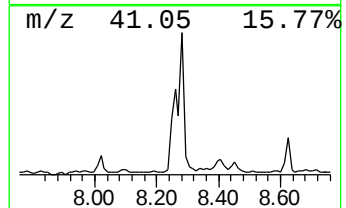
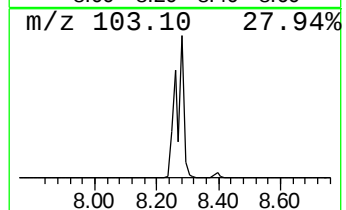
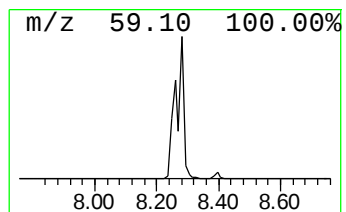
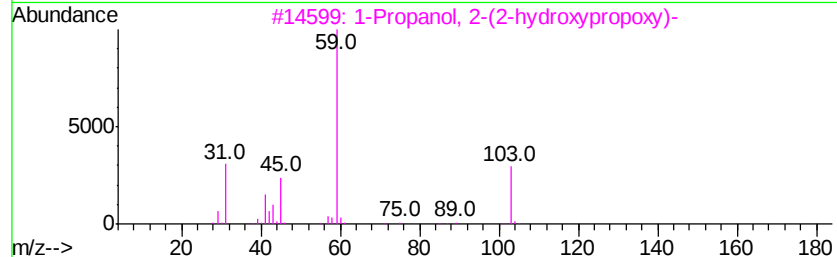
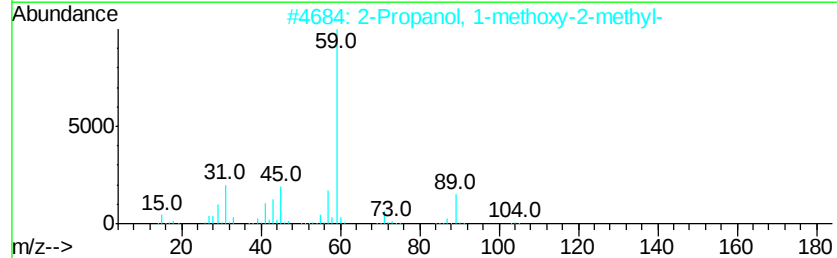
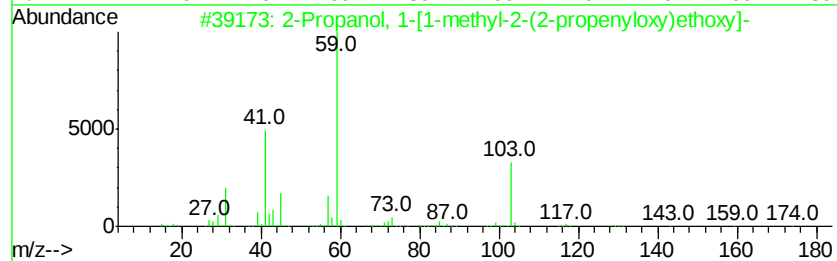
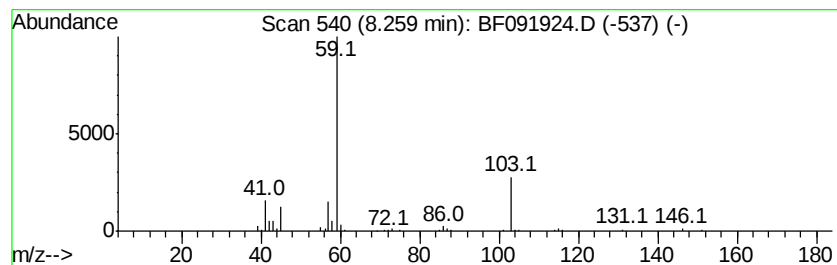
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TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	3.54 ng	288140	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
2		2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	59
3		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56
4		Pentanamide	101	C5H11NO	000626-97-1	53
5		Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

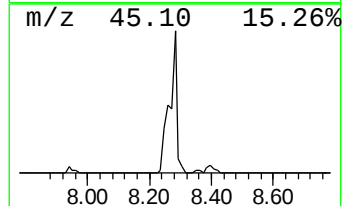
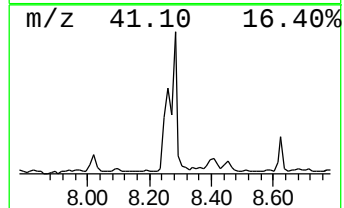
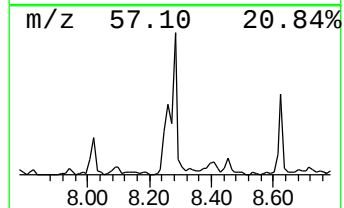
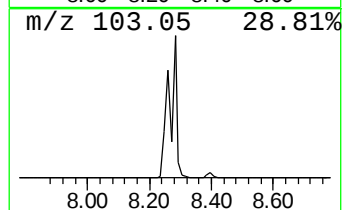
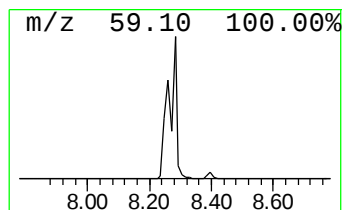
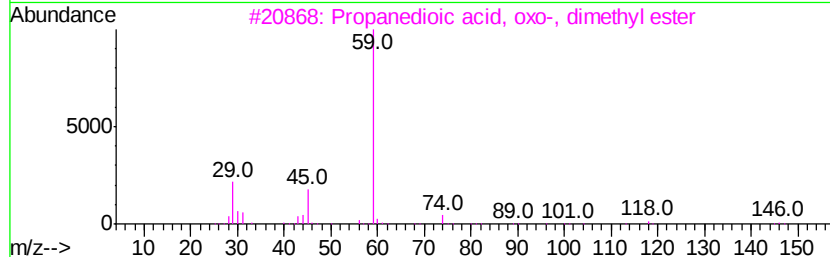
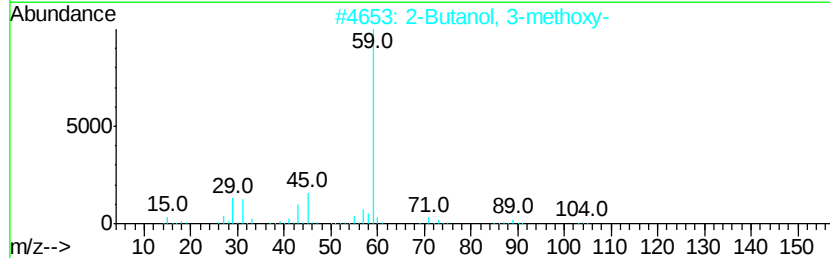
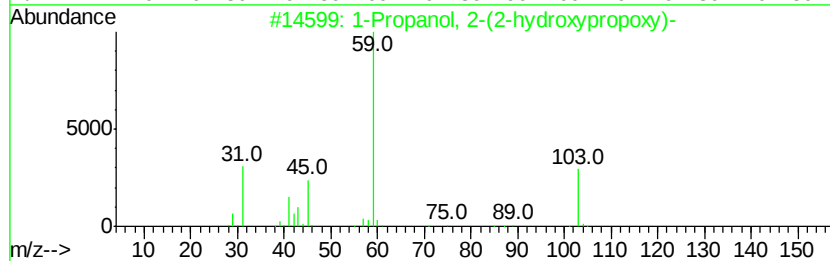
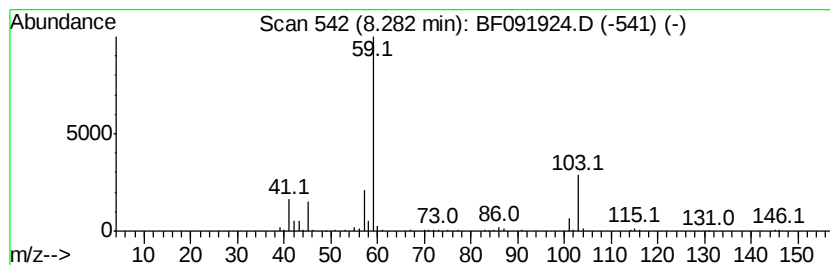
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Propanol, 2-(2-hydroxypro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.28	2.57 ng	208962	Napthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59
3	Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	53
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	53
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

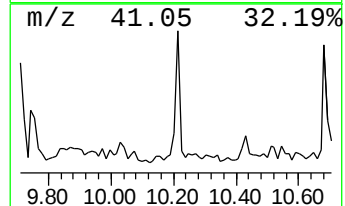
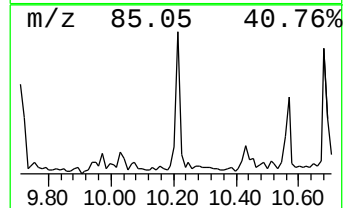
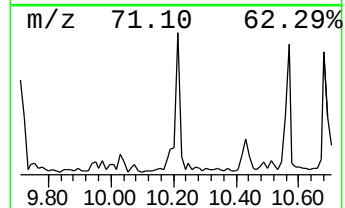
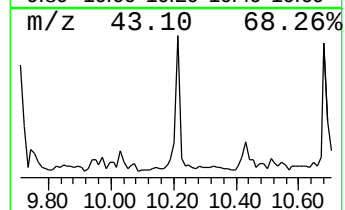
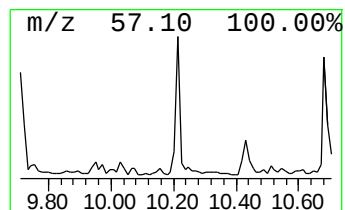
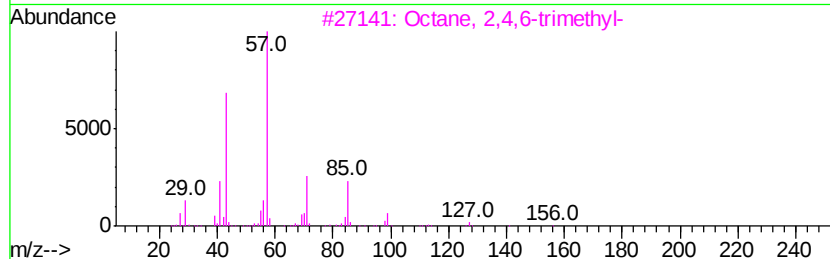
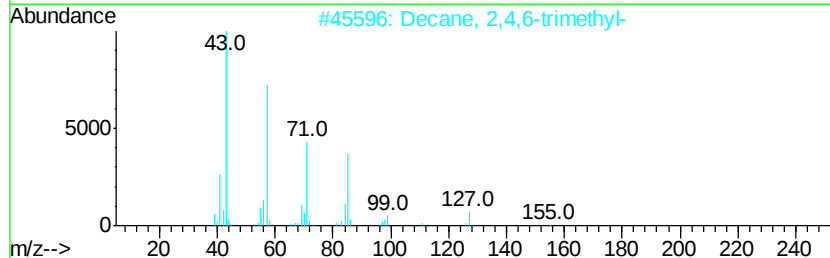
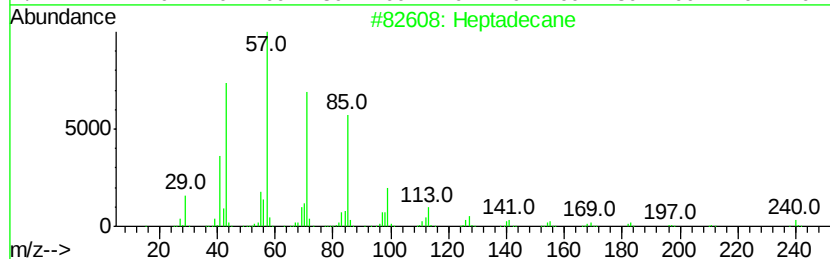
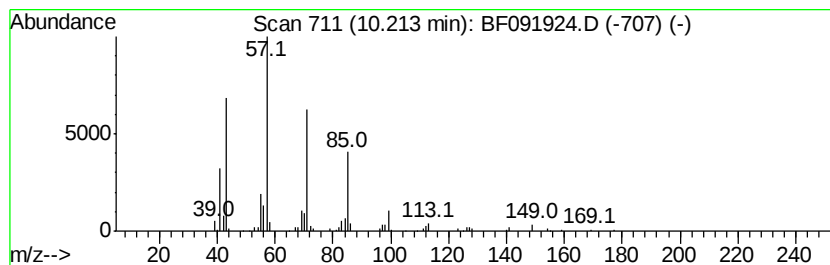
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.05 ng	204943	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	83
2	Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4	78
3	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	72
4	Hexadecane	226 C16H34	000544-76-3	72
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11A

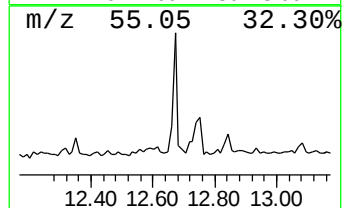
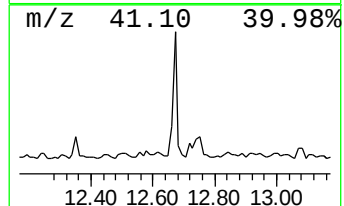
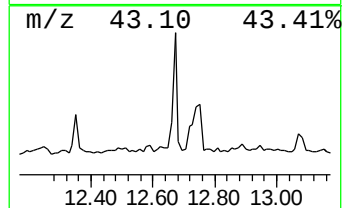
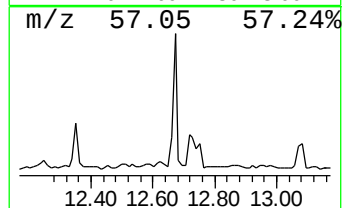
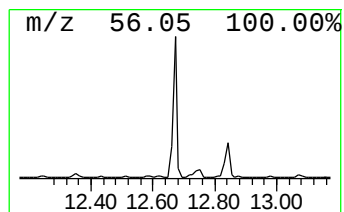
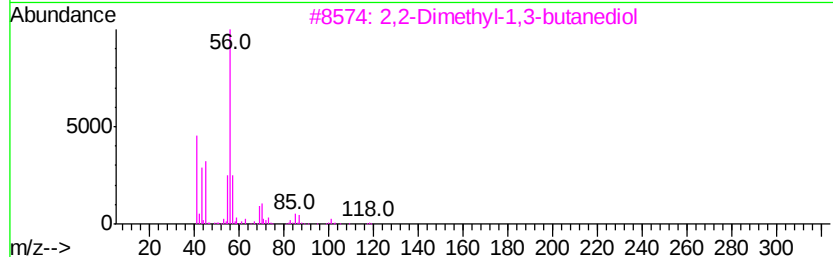
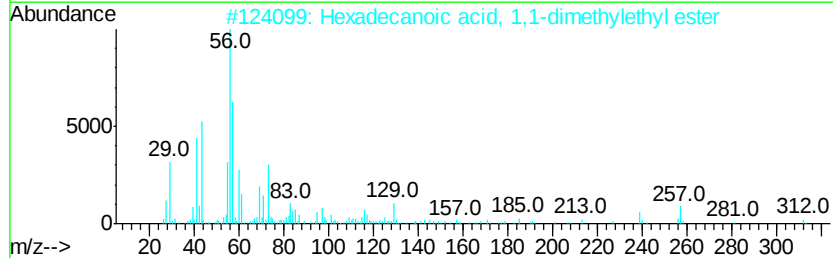
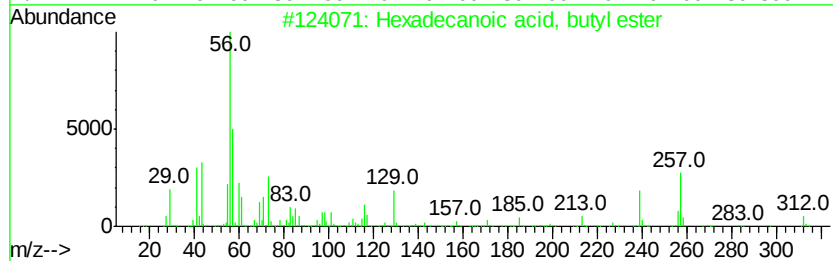
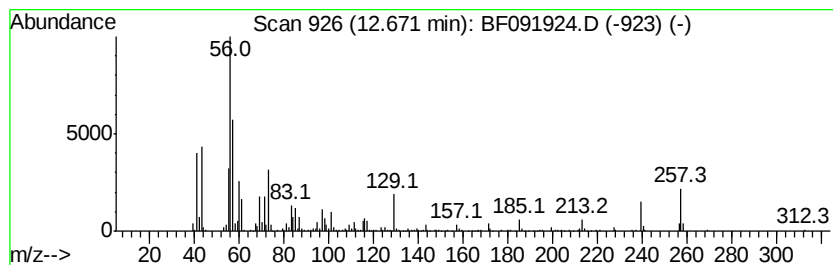
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.55 ng	343050	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3		2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5		1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

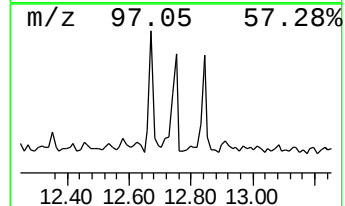
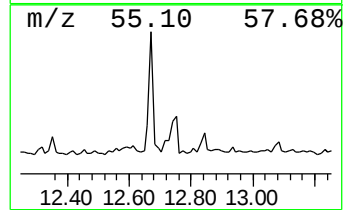
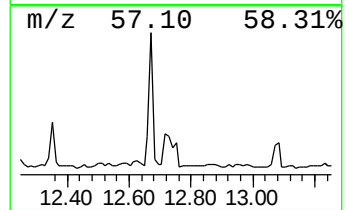
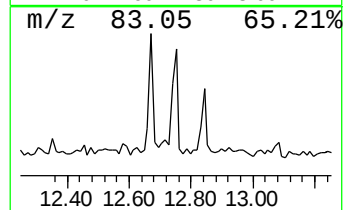
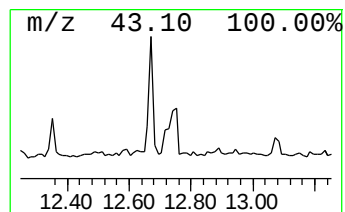
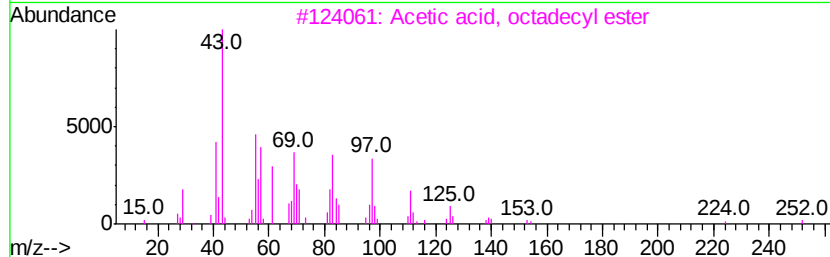
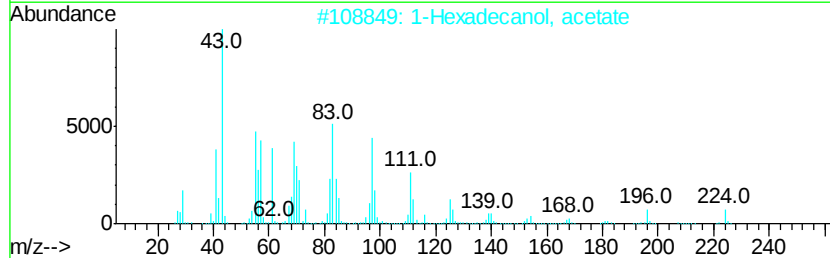
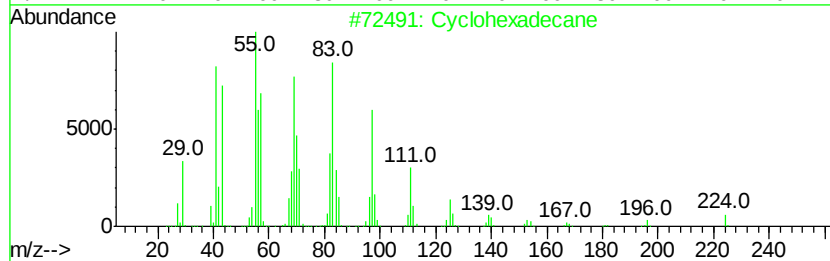
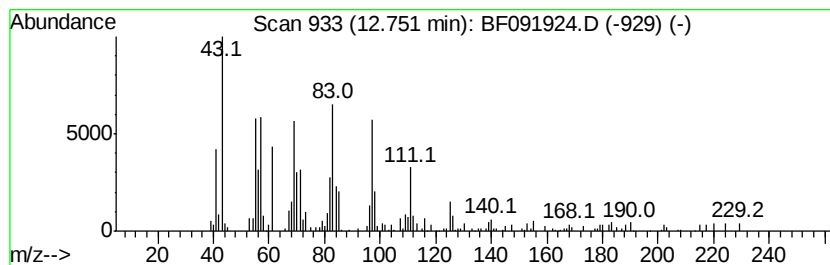
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.27 ng	170684	Chrysene-d12	13.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 97
2		1-Hexadecanol, acetate	284 C18H36O2	000629-70-9 87
3		Acetic acid, octadecyl ester	312 C20H40O2	000822-23-1 83
4		Acetic acid, trifluoro-, tetradec...	310 C16H29F3O2	006222-02-2 76
5		2-Bromopropionic acid, pentadec...	362 C18H35BrO2	1000292-44-2 70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

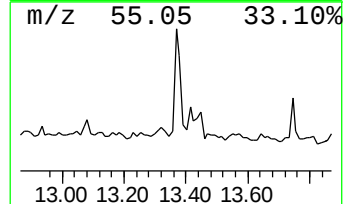
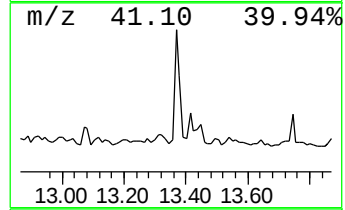
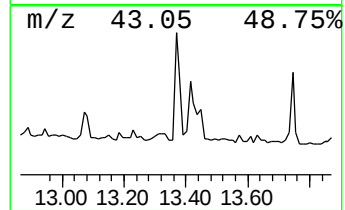
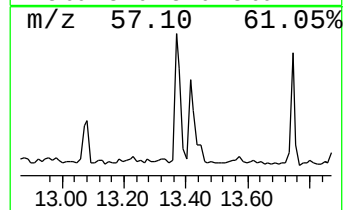
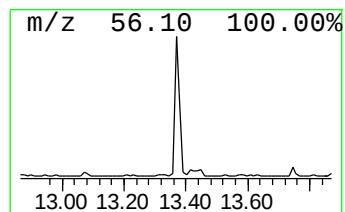
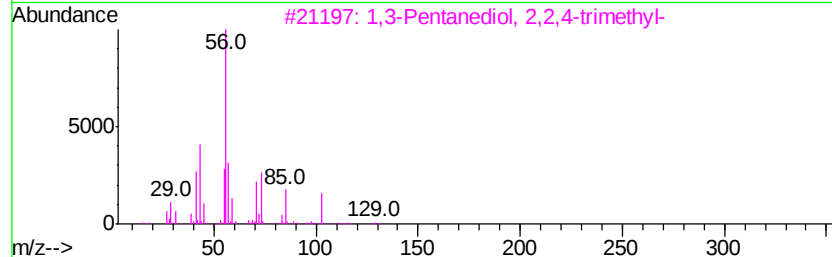
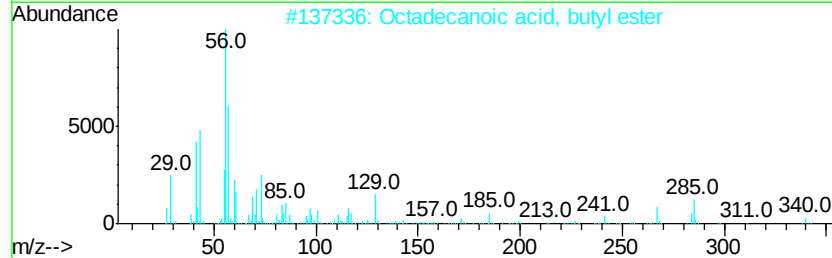
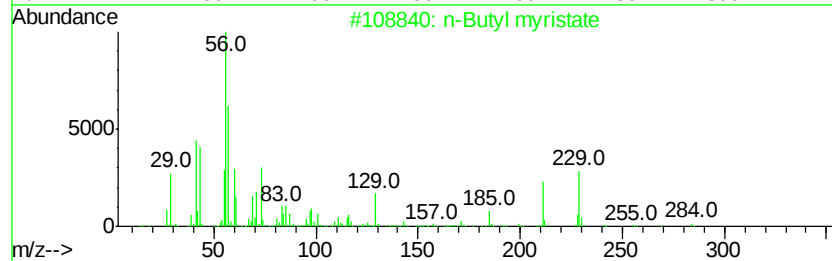
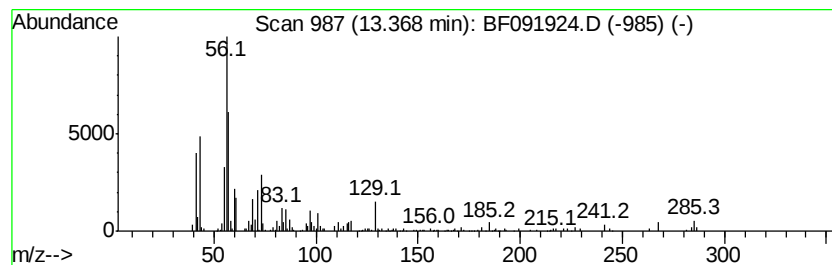
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Butyl myristate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.37	3.51 ng	264326	Chrysene-d12		13.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	91
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	40
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091924.D
Acq On : 23 Dec 2016 15:28
Operator : UM/SJ
Sample : H6156-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	4.90	14.6	ng	899955	1	6.74	1234930	20.0
unknown6.52	6.52	76.6	ng	4727020	1	6.74	1234930	20.0
Hexanoic acid, 2-...	7.45	2.2	ng	180490	2	8.03	1627930	20.0
2-Propanol, 1-[1-...	8.26	3.5	ng	288140	2	8.03	1627930	20.0
1-Propanol, 2-(2-...	8.28	2.6	ng	208962	2	8.03	1627930	20.0
Heptadecane	10.21	2.0	ng	204943	3	9.78	2001920	20.0
Hexadecanoic acid...	12.67	4.5	ng	343050	5	13.88	1507040	20.0
Cyclohexadecane	12.75	2.3	ng	170684	5	13.88	1507040	20.0
n-Butyl myristate	13.37	3.5	ng	264326	5	13.88	1507040	20.0