

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092003.D
 Acq On : 28 Dec 2016 19:20
 Operator : UM/SJ
 Sample : H6245-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

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-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	4.853	240	242	252	rBV	662562	872536	12.54%	1.677%
2	5.310	280	282	285	rBV	2189371	2899274	41.66%	5.574%
3	6.362	372	374	377	rBV	1649660	1841164	26.45%	3.540%
4	6.476	382	384	387	rBV	4636694	5052115	72.59%	9.713%
5	6.704	401	404	406	rBV	1407371	1315593	18.90%	2.529%
6	6.864	415	418	420	rBV	4142768	4964988	71.34%	9.545%
7	7.219	446	449	451	rBV2	46490	75320	1.08%	0.145%
8	7.276	451	454	456	rVV	4069293	4561477	65.54%	8.769%
9	7.322	456	458	460	rVV	64363	84681	1.22%	0.163%
10	7.573	478	480	482	rVB	60878	69905	1.00%	0.134%
11	7.927	506	511	514	rBV3	69728	152064	2.18%	0.292%
12	7.985	514	516	519	rBV	1472677	1766755	25.39%	3.397%
13	8.522	561	563	566	rVB	141273	131863	1.89%	0.254%
14	8.739	577	582	584	rBV3	59920	151168	2.17%	0.291%
15	8.945	596	600	602	rBV3	42716	86095	1.24%	0.166%
16	9.025	605	607	608	rBV	138769	144047	2.07%	0.277%
17	9.070	608	611	614	rVB	6221789	6868111	98.68%	13.204%
18	9.253	623	627	629	rBV	135618	171475	2.46%	0.330%
19	9.402	639	640	642	rBV2	89412	98616	1.42%	0.190%
20	9.470	644	646	648	rVB	142821	136508	1.96%	0.262%
21	9.562	651	654	655	rBV2	47197	111286	1.60%	0.214%
22	9.596	655	657	660	rVB4	38646	76130	1.09%	0.146%
23	9.745	667	670	672	rBV	2174252	2195625	31.55%	4.221%
24	9.813	674	676	679	rBV4	66615	102891	1.48%	0.198%
25	10.053	695	697	699	rBV3	47396	94823	1.36%	0.182%
26	10.099	699	701	704	rVV2	71198	127322	1.83%	0.245%
27	10.156	704	706	710	rVB5	36146	91545	1.32%	0.176%
28	10.430	728	730	732	rBV3	48486	78505	1.13%	0.151%
29	10.533	736	739	742	rBV	3691948	4532618	65.13%	8.714%
30	10.659	748	750	755	rVB	60083	74898	1.08%	0.144%
31	11.093	784	788	790	rVB3	96778	193778	2.78%	0.373%
32	11.219	797	799	802	rBV	1687805	1902225	27.33%	3.657%
33	11.585	829	831	834	rVB	48437	73309	1.05%	0.141%
34	11.768	845	847	854	rVB3	216538	360738	5.18%	0.694%

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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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.556	914	916	922 rBV	198995	278279	4.00%	0.535%
36	12.648	922	924	926 rVB	174201	203235	2.92%	0.391%
37	12.819	935	939	941 rBV	5536165	6959782	100.00%	13.380%
38	13.345	983	985	987 rBV	170767	158238	2.27%	0.304%
39	13.402	987	990	995 rVB2	140918	179885	2.58%	0.346%
40	13.722	1015	1018	1021 rBV	63191	105562	1.52%	0.203%
41	13.859	1027	1030	1032 rBV	1211007	1549078	22.26%	2.978%
42	15.242	1148	1151	1153 rBV	952699	1121769	16.12%	2.157%

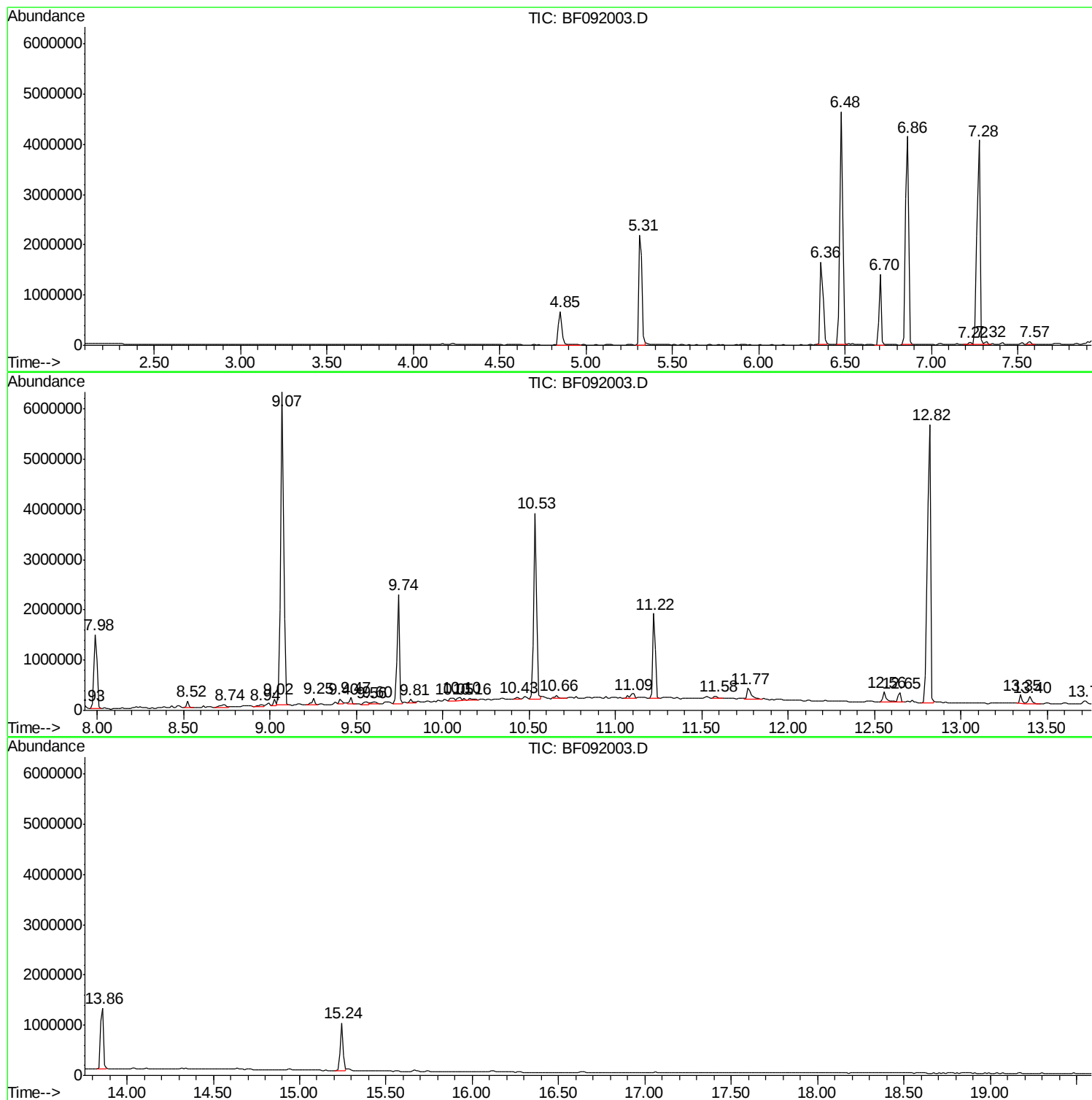
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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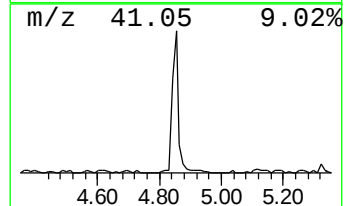
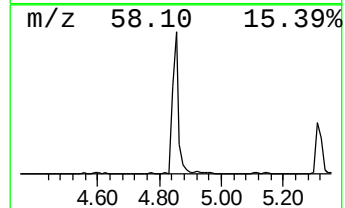
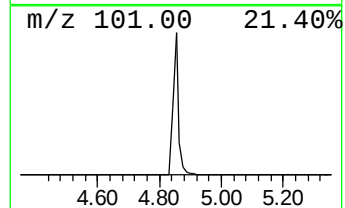
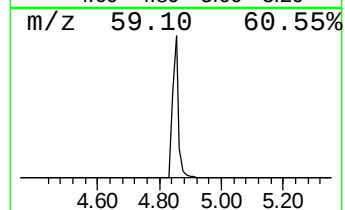
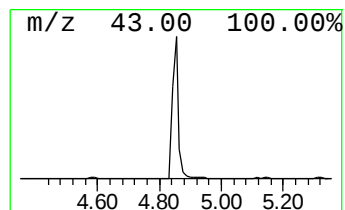
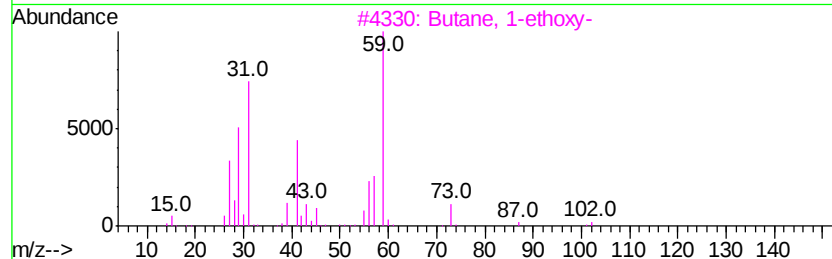
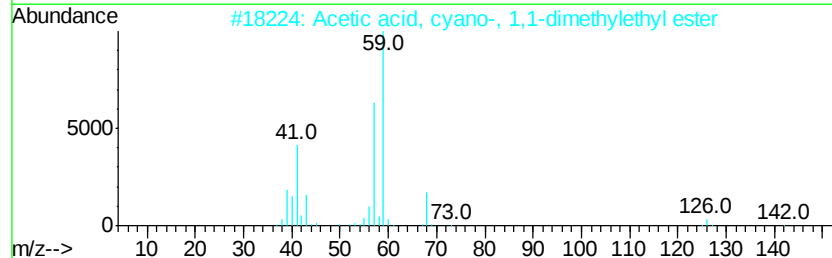
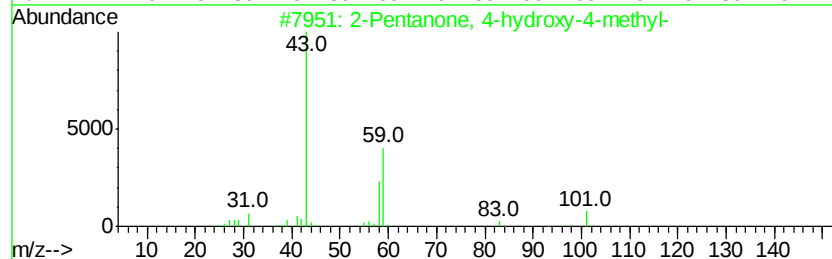
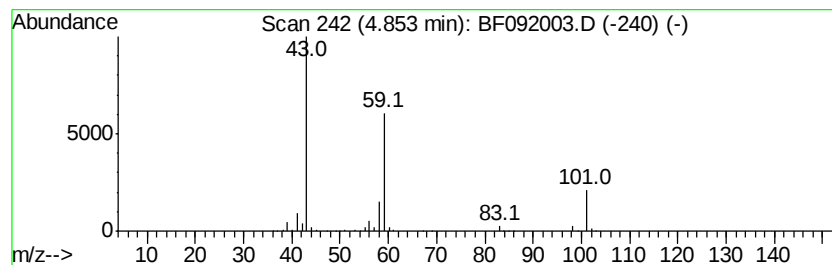
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	13.26 ng	872536	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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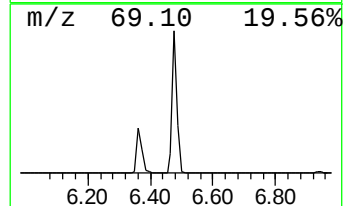
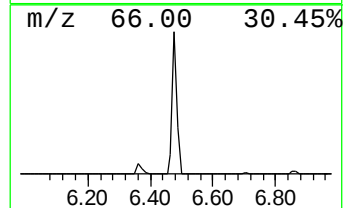
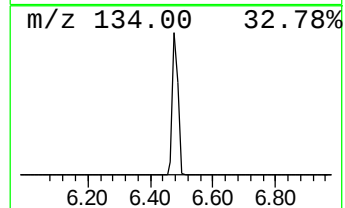
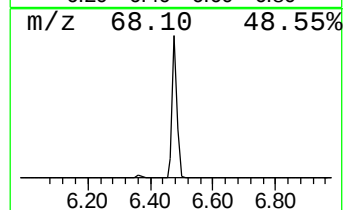
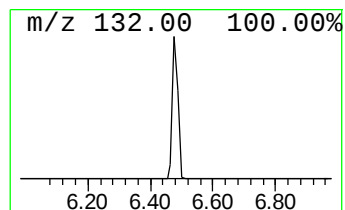
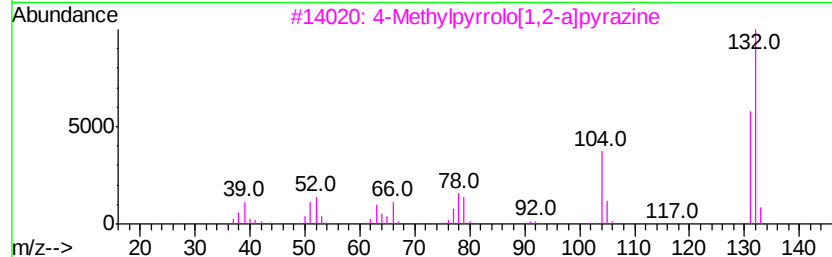
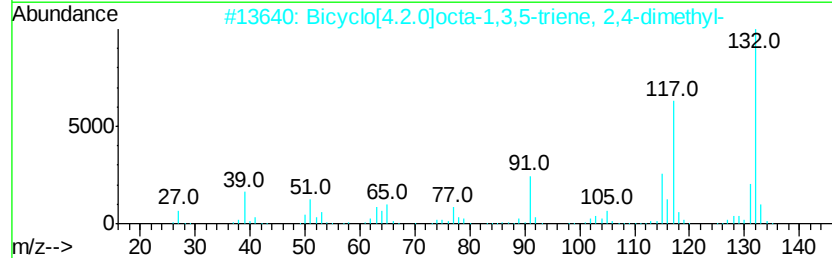
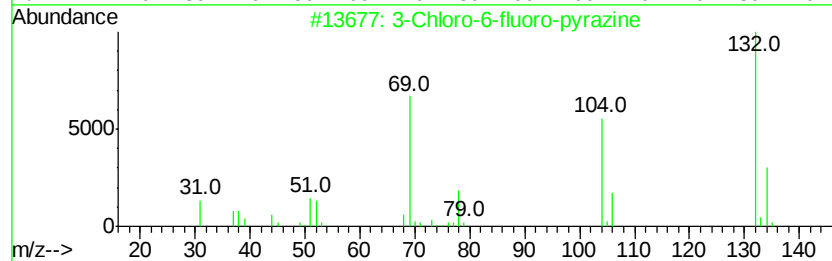
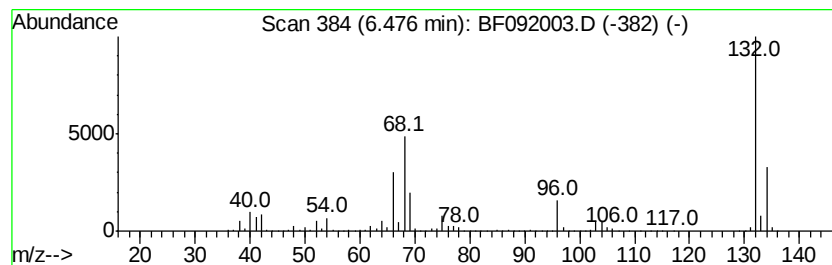
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	76.80 ng	5052120	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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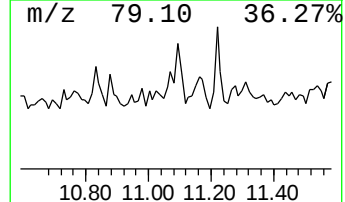
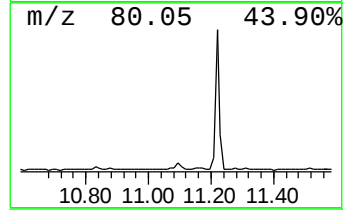
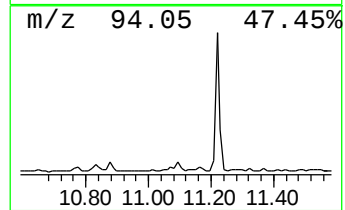
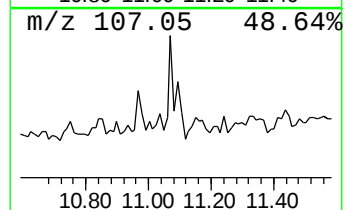
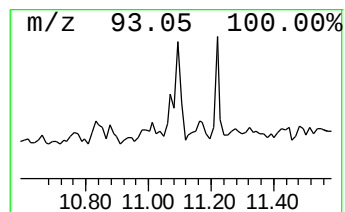
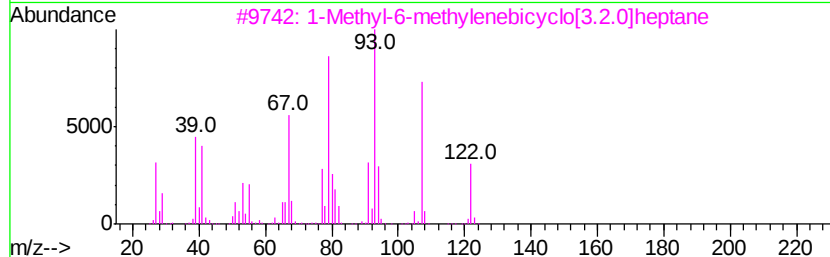
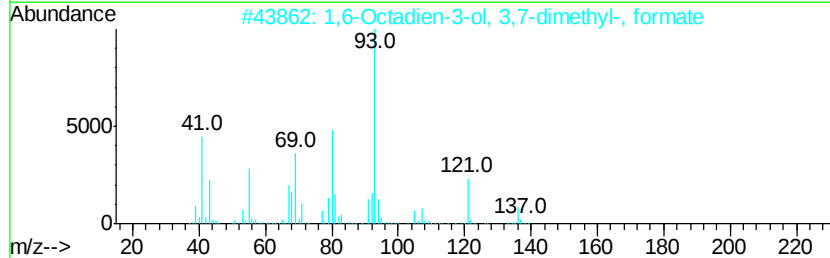
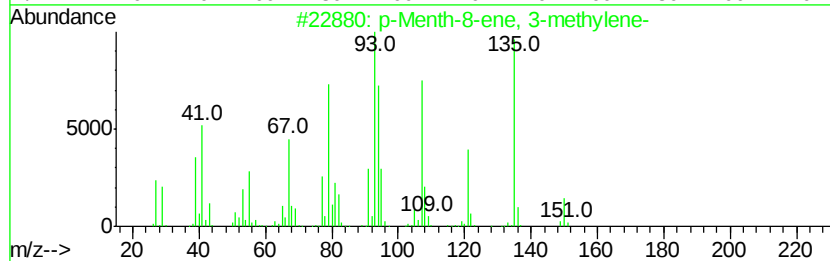
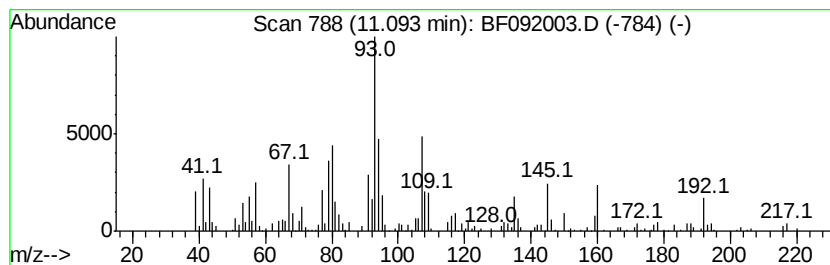
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.04 ng	193778	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	35
2		1,6-Octadien-3-ol, 3,7-dimethyl-...	182	C11H18O2	000115-99-1	35
3		1-Methyl-6-methylenebicyclo[3.2....	122	C9H14	1000210-90-0	32
4		Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	27
5		1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	25



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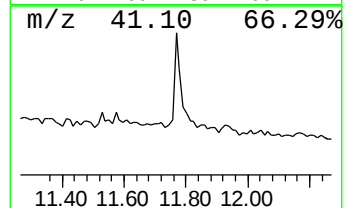
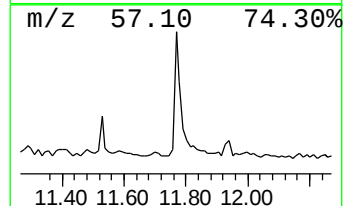
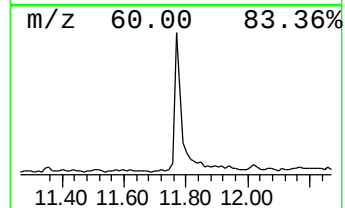
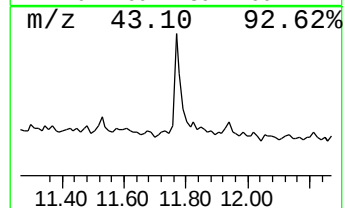
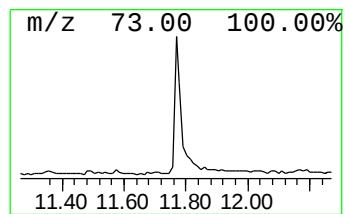
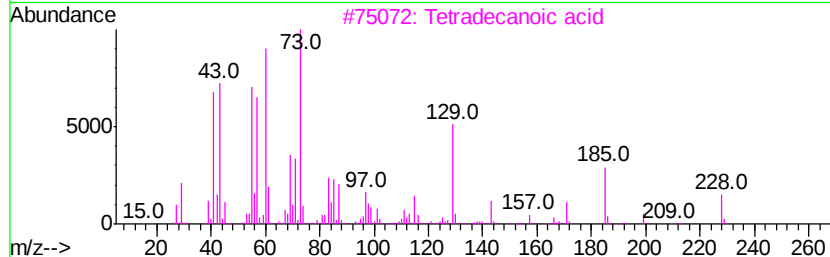
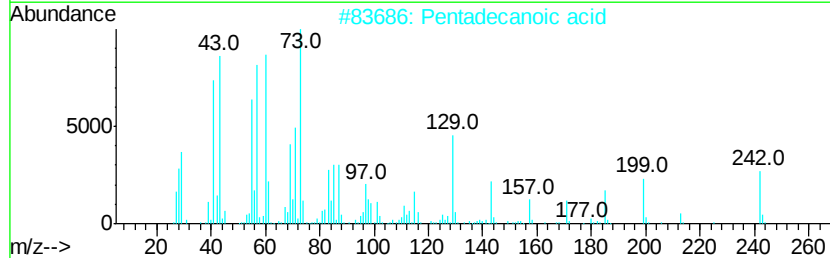
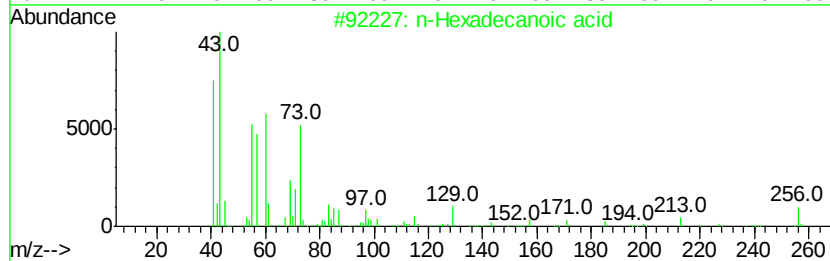
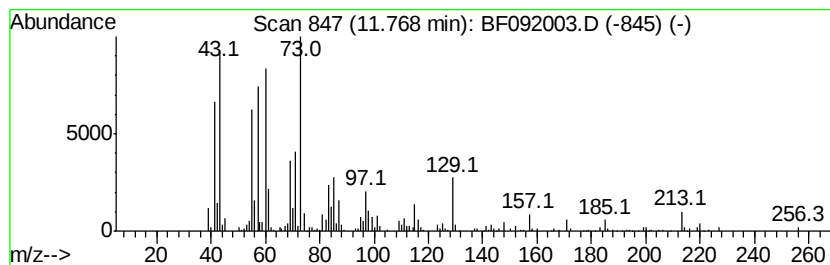
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.79 ng	360738	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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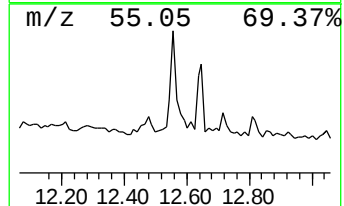
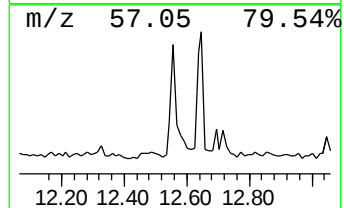
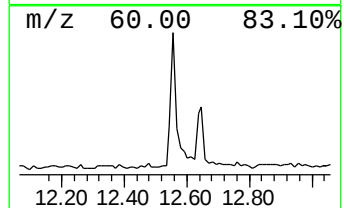
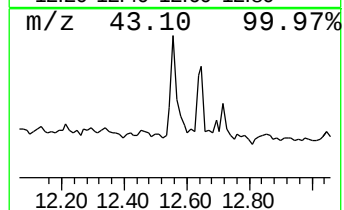
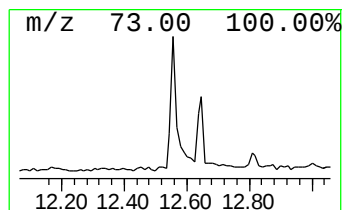
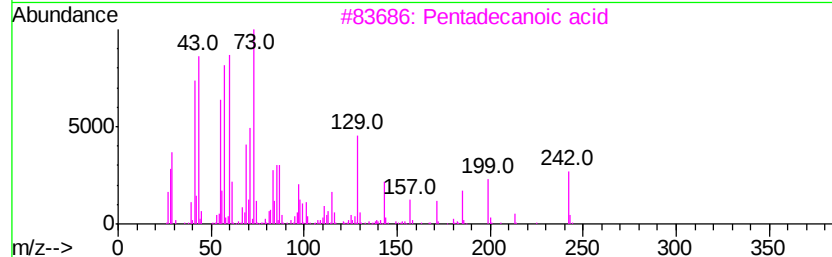
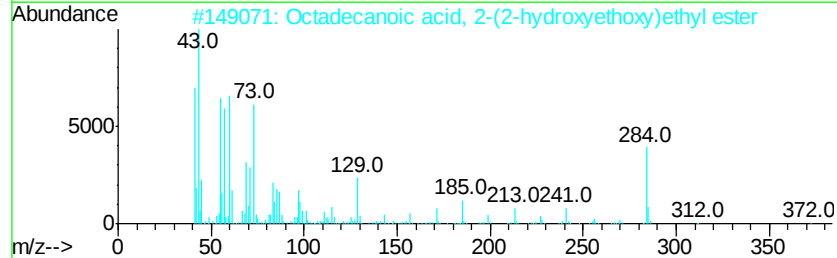
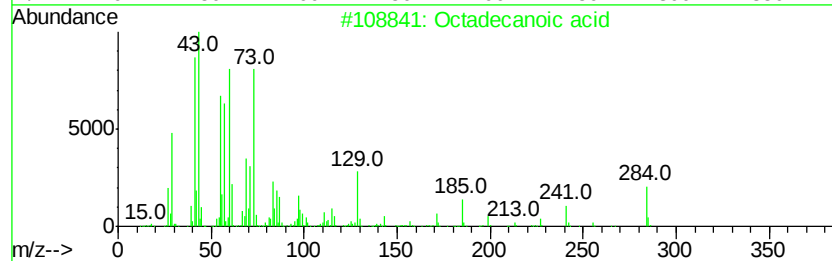
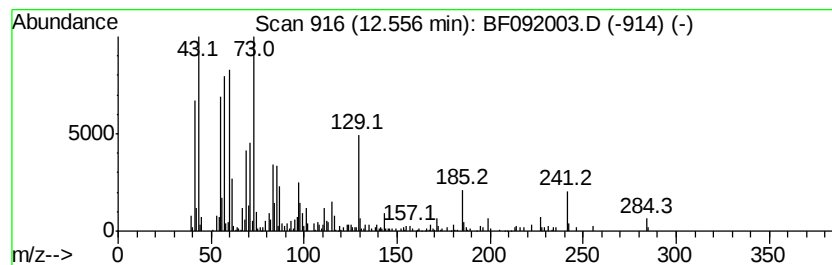
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.59 ng	278279	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092003.D
Acq On : 28 Dec 2016 19:20
Operator : UM/SJ
Sample : H6245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-8

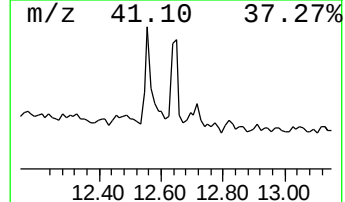
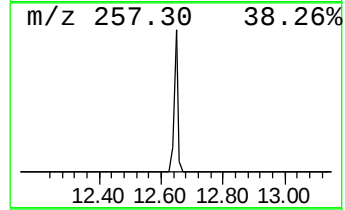
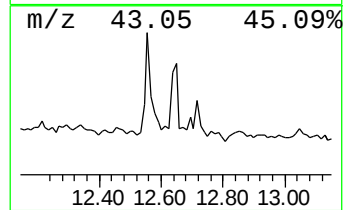
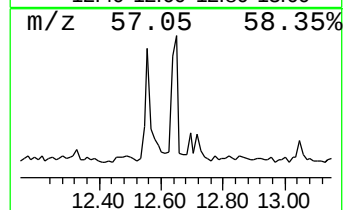
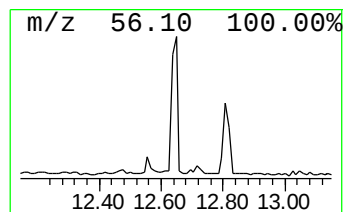
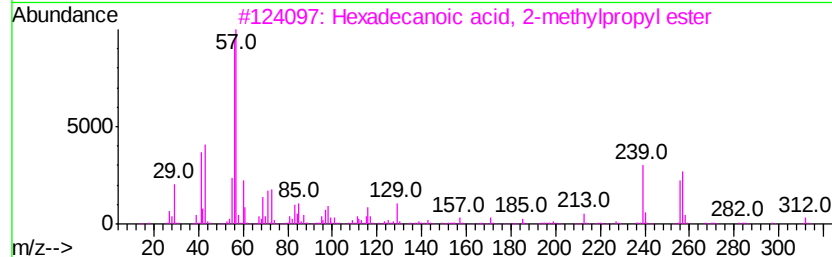
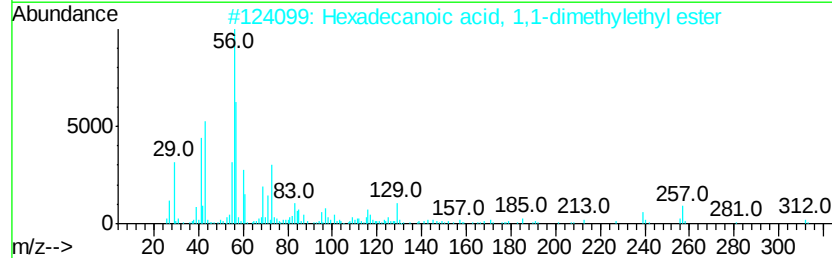
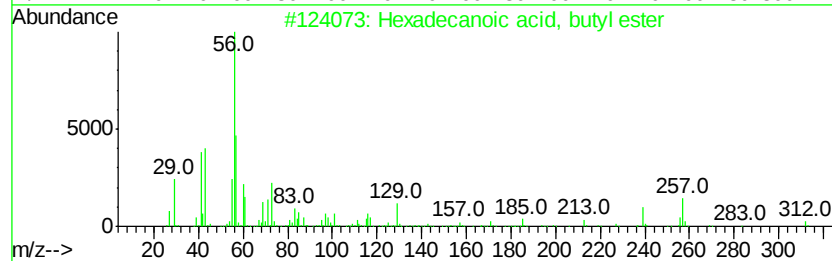
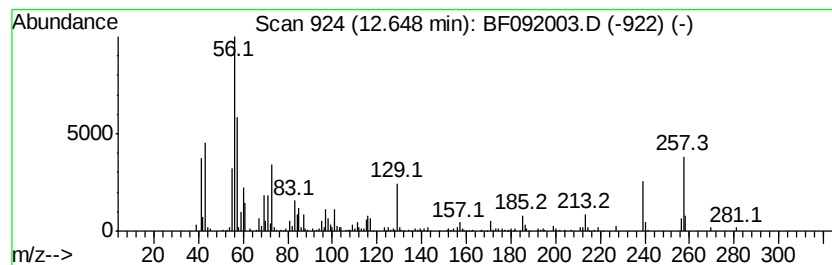
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.62 ng	203235	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4		2-Methyl-1-tetradecene	210	C15H30	052254-38-3	27
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092003.D
Acq On : 28 Dec 2016 19:20
Operator : UM/SJ
Sample : H6245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-8

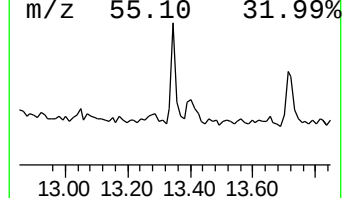
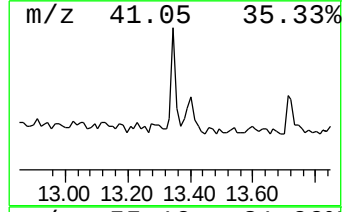
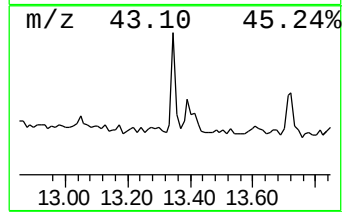
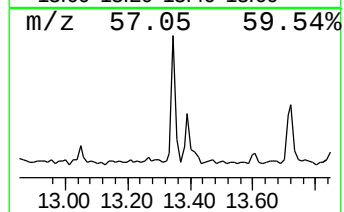
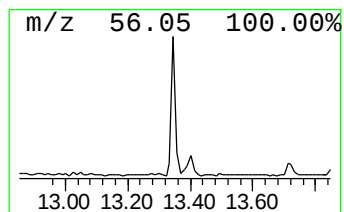
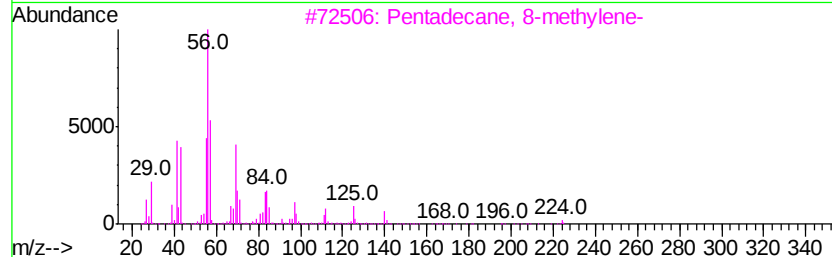
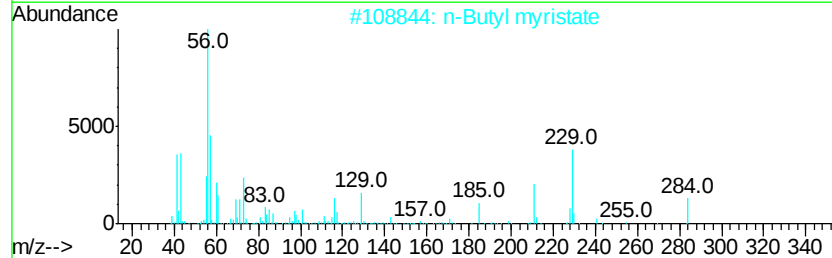
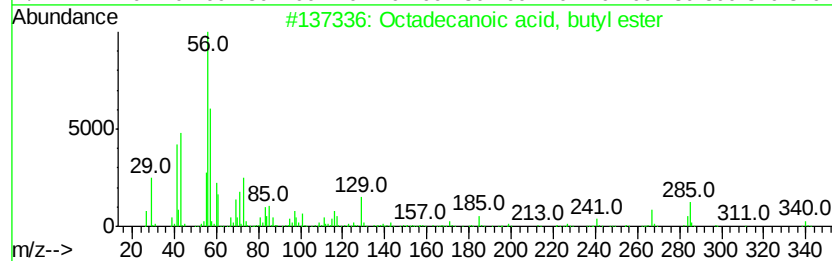
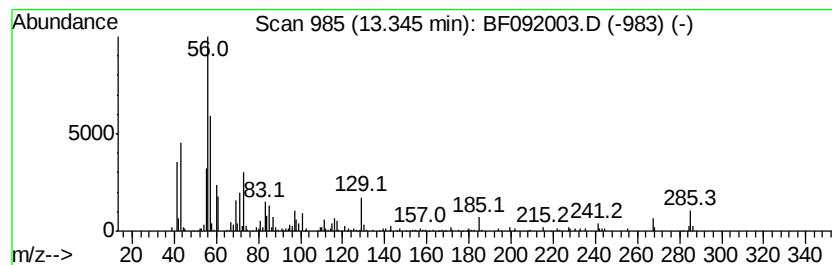
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.04 ng	158238	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		n-Butyl myristate	284	C18H36O2	000110-36-1	80
3		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
4		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092003.D
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Operator : UM/SJ
Sample : H6245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-8

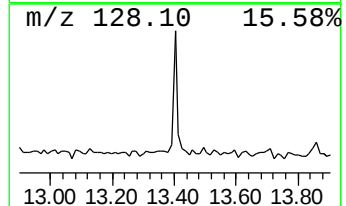
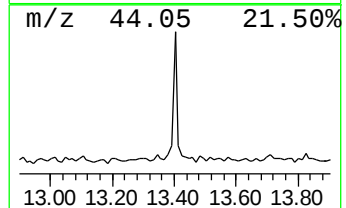
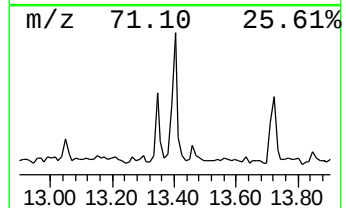
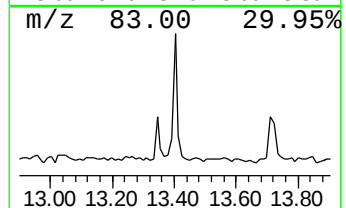
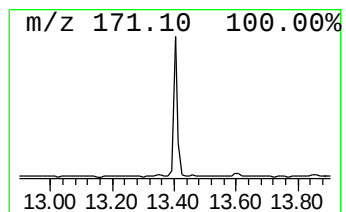
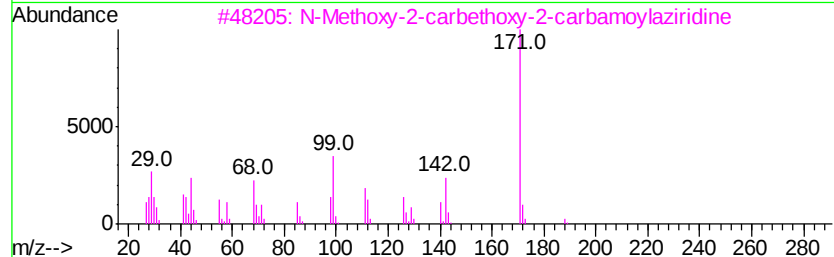
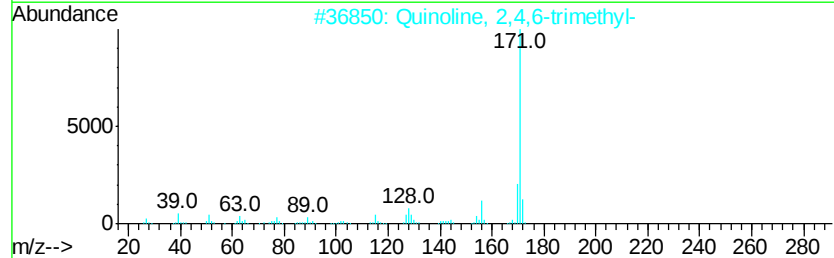
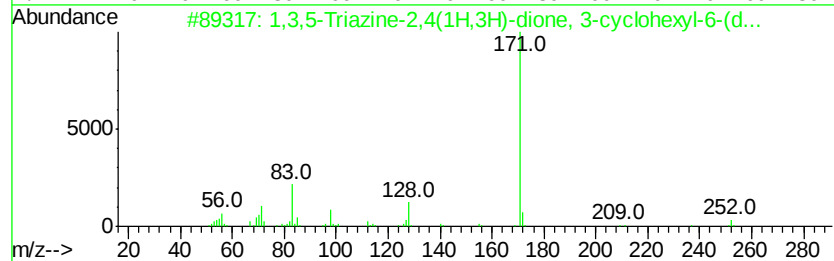
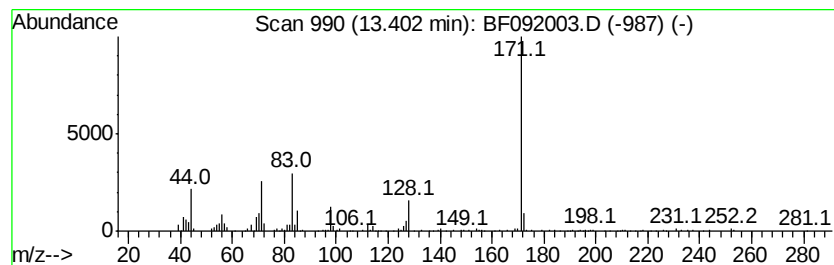
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.32 ng	179885	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	80
2		Quinoline, 2,4,6-trimethyl-	171	C12H13N	002243-89-2	43
3		N-Methoxy-2-carbethoxy-2-carbamoyl-...	188	C7H12N2O4	063859-03-0	42
4		2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	37
5		2-Ethoxydecylphthalimide	331	C20H29NO3	1000227-42-3	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-8

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
2-Pentanone, 4-hy...	4.85	13.3	ng	872536	1	6.70	1315590	20.0
unknown6.48	6.48	76.8	ng	5052120	1	6.70	1315590	20.0
unknown11.09	11.09	2.0	ng	193778	4	11.22	1902230	20.0
n-Hexadecanoic acid	11.77	3.8	ng	360738	4	11.22	1902230	20.0
Octadecanoic acid	12.56	3.6	ng	278279	5	13.86	1549080	20.0
Hexadecanoic acid...	12.65	2.6	ng	203235	5	13.86	1549080	20.0
Octadecanoic acid...	13.35	2.0	ng	158238	5	13.86	1549080	20.0
1,3,5-Triazine-2,...	13.40	2.3	ng	179885	5	13.86	1549080	20.0