

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083521.D
 Acq On : 5 Dec 2015 22:48
 Operator : UM/IZ
 Sample : G4588-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

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-BF120415.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	3.596	164	167	177	rBV	257111	458511	8.15%	1.118%
2	4.030	203	205	229	rVB	1510834	2443651	43.45%	5.960%
3	5.322	316	318	327	rBV	874605	1650914	29.35%	4.027%
4	5.459	327	330	342	rVB	3458728	4040004	71.83%	9.853%
5	5.767	354	357	365	rVB	797590	983945	17.49%	2.400%
6	5.985	373	376	379	rBV	2960236	3557960	63.26%	8.678%
7	6.590	427	429	432	rBV	1957434	3073251	54.64%	7.496%
8	6.785	444	446	455	rVB4	20676	63219	1.12%	0.154%
9	7.665	521	523	536	rVB	881085	1303977	23.19%	3.180%
10	8.499	592	596	602	rVB	74199	123205	2.19%	0.300%
11	8.899	629	631	637	rVB	44029	81240	1.44%	0.198%
12	8.991	637	639	644	rBV	91512	178448	3.17%	0.435%
13	9.082	644	647	651	rVB2	43383	65367	1.16%	0.159%
14	9.231	655	660	663	rBV2	38231	80483	1.43%	0.196%
15	9.413	672	676	679	rBV	3790620	5624201	100.00%	13.717%
16	9.985	724	726	730	rVV3	39833	71850	1.28%	0.175%
17	10.099	734	736	741	rVV	70711	88426	1.57%	0.216%
18	10.454	764	767	773	rBV	966162	1533505	27.27%	3.740%
19	10.682	785	787	792	rVB4	28540	61716	1.10%	0.151%
20	10.831	797	800	802	rBV	40963	71984	1.28%	0.176%
21	10.968	809	812	814	rVV2	62440	137007	2.44%	0.334%
22	11.002	814	815	820	rVB2	77472	110798	1.97%	0.270%
23	11.299	839	841	844	rVB	84464	117287	2.09%	0.286%
24	11.665	868	873	877	rBV3	30148	81991	1.46%	0.200%
25	11.745	877	880	883	rBV	2384248	3338278	59.36%	8.142%
26	12.077	906	909	913	rBV	82403	152931	2.72%	0.373%
27	12.625	954	957	960	rBV	102009	150996	2.68%	0.368%
28	12.808	970	973	974	rBV2	50239	66194	1.18%	0.161%
29	12.854	974	977	984	rVB	1079857	1429859	25.42%	3.487%
30	13.254	1009	1012	1015	rBV	372736	473501	8.42%	1.155%
31	13.780	1055	1058	1062	rBV2	28262	57595	1.02%	0.140%
32	13.905	1066	1069	1077	rBV	246669	398484	7.09%	0.972%
33	14.637	1130	1133	1136	rVV	57312	98504	1.75%	0.240%
34	15.185	1178	1181	1185	rBV	306720	487930	8.68%	1.190%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	15.323	1190	1193	1196	rVB	222404	310833	5.53%	0.758%
36	15.483	1203	1207	1210	rBV	3001194	5321935	94.63%	12.980%
37	16.466	1290	1293	1297	rVV2	167982	224228	3.99%	0.547%
38	16.534	1297	1299	1301	rVV	56484	73242	1.30%	0.179%
39	17.003	1335	1340	1341	rBV2	55436	126925	2.26%	0.310%
40	17.037	1341	1343	1351	rVB	813942	1131546	20.12%	2.760%
41	17.414	1374	1376	1381	rBV	81985	95888	1.70%	0.234%
42	17.791	1406	1409	1411	rBV	60614	69736	1.24%	0.170%
43	18.134	1437	1439	1443	rBV	52900	68587	1.22%	0.167%
44	18.672	1483	1486	1493	rBV	698875	853105	15.17%	2.081%
45	20.477	1640	1644	1648	rVB6	26043	67855	1.21%	0.165%

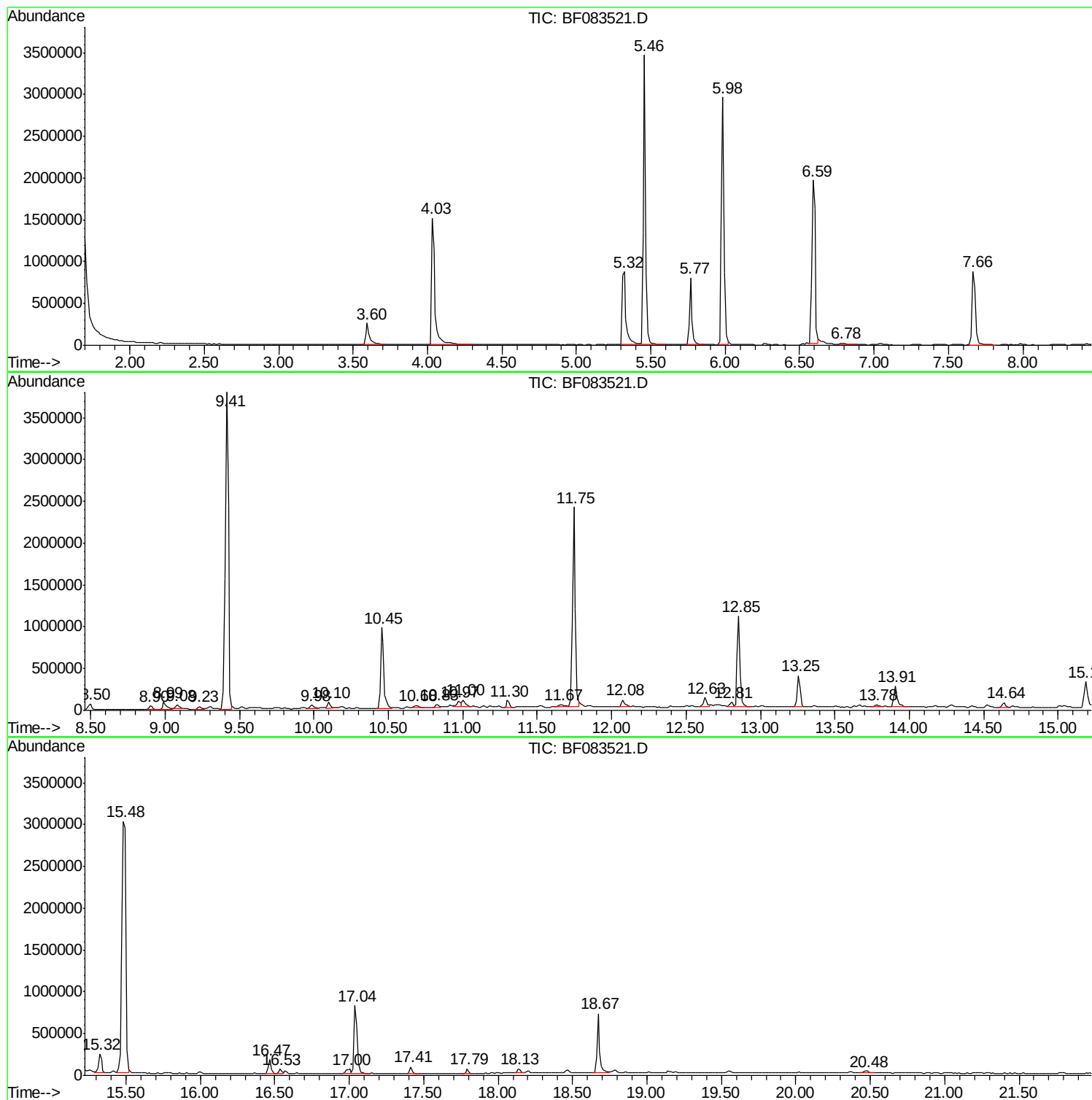
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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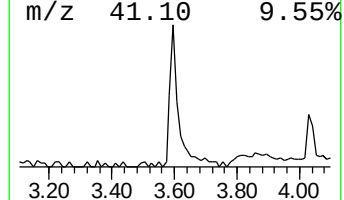
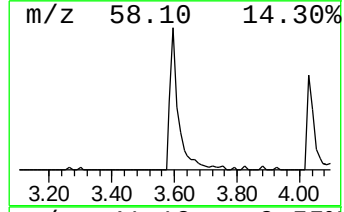
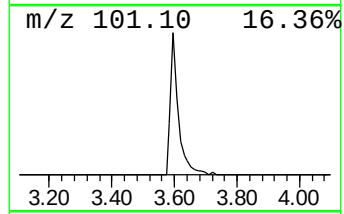
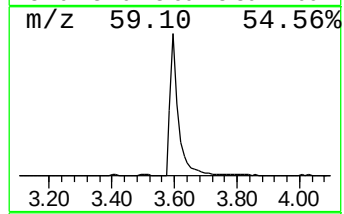
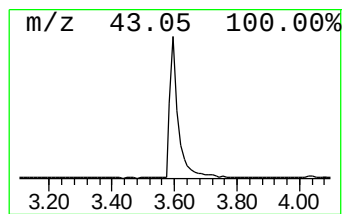
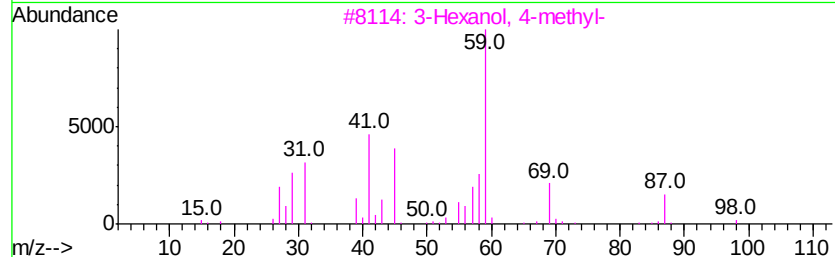
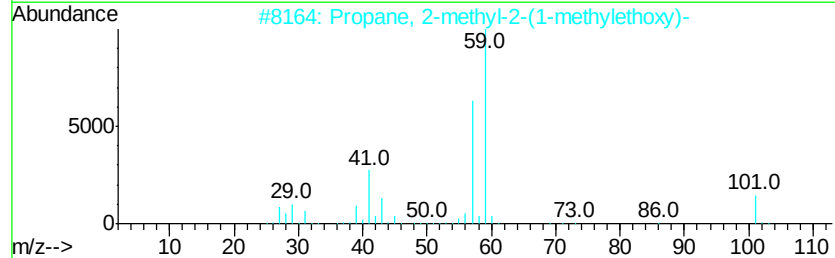
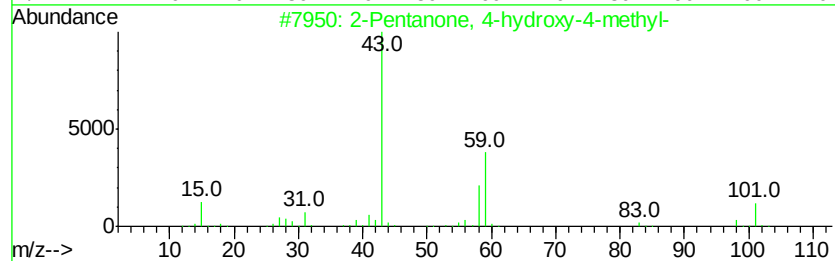
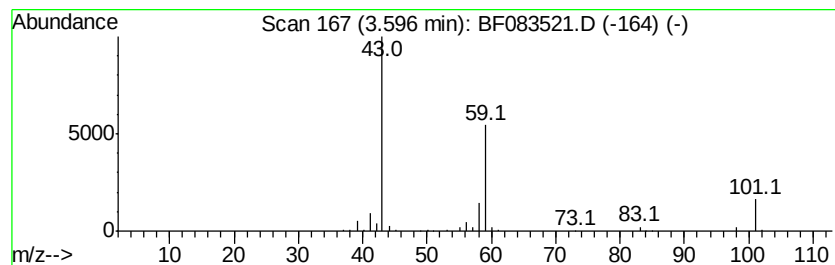
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.60	9.32 ng	458511	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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ClientSampled :
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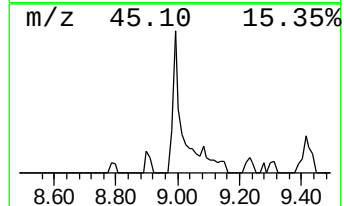
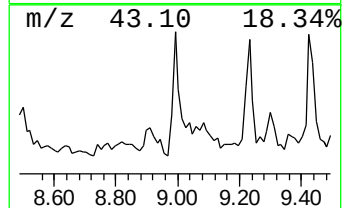
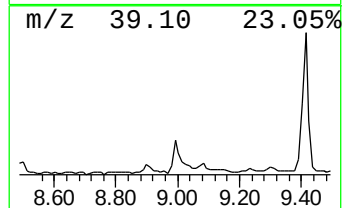
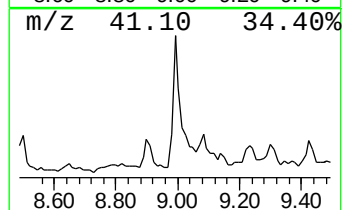
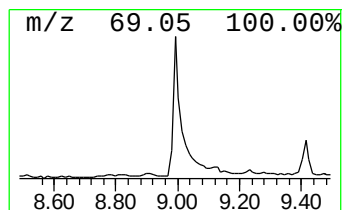
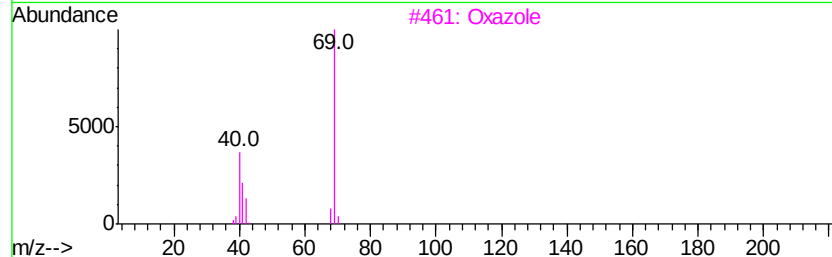
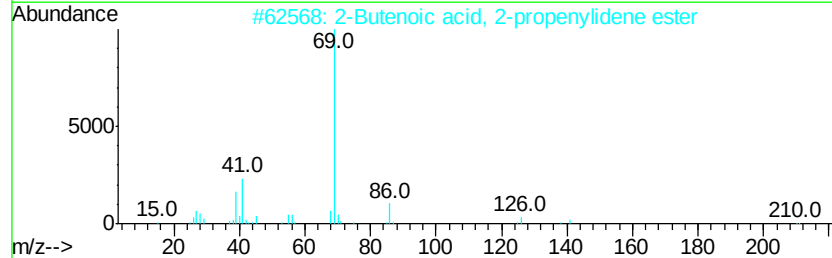
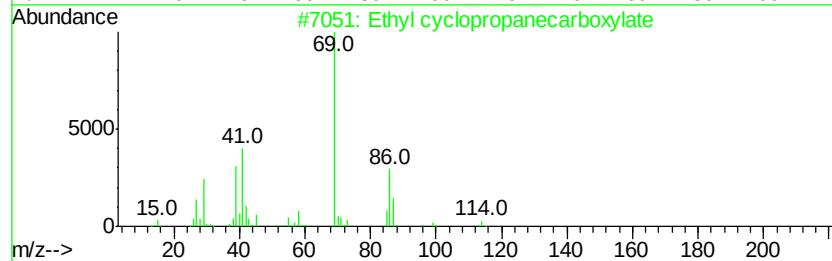
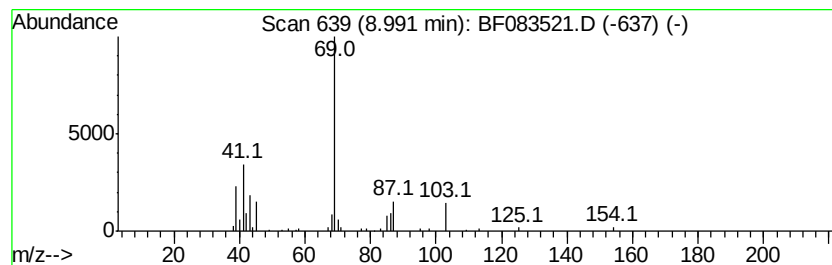
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown8.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.74 ng	178448	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
2		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	40
3		Oxazole	69	C3H3NO	000288-42-6	28
4		Pentanenitrile, 2,2,4-trimethyl-	125	C8H15N	069462-10-8	28
5		Isoxazole	69	C3H3NO	000288-14-2	9



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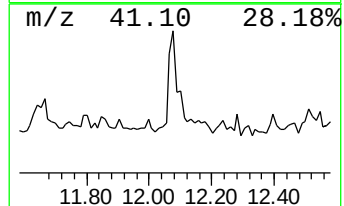
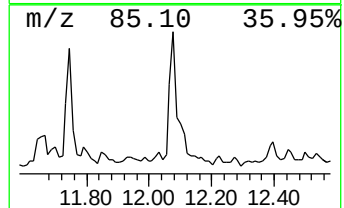
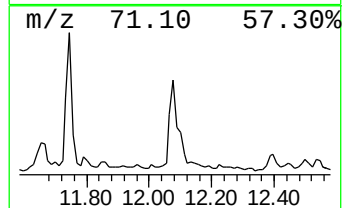
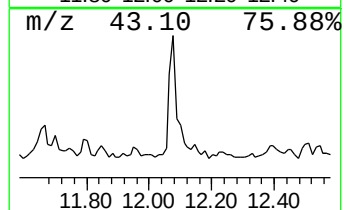
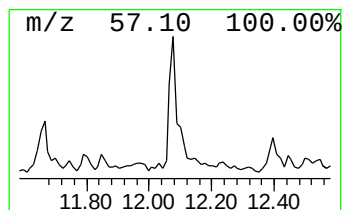
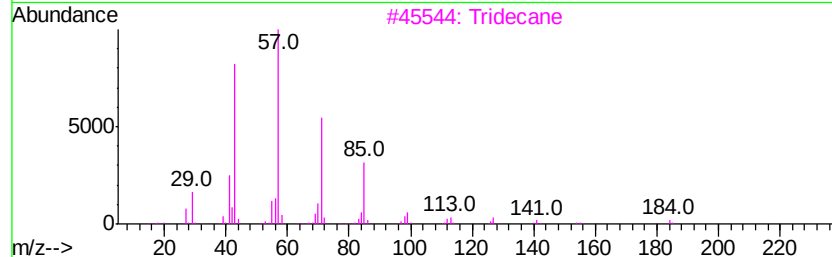
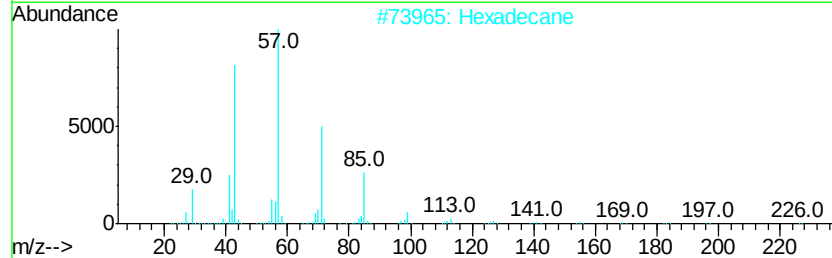
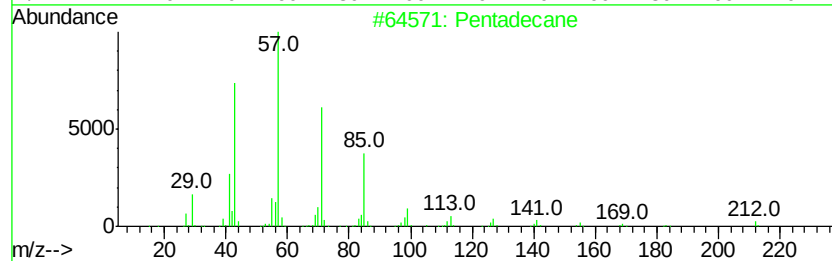
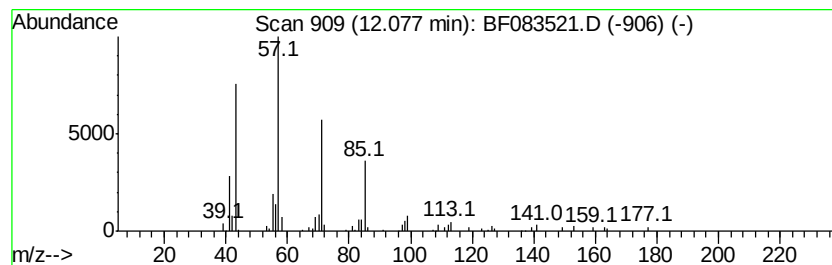
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.14 ng	152931	Phenanthrene-d10	12.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	86
4	Eicosane		282	C20H42	000112-95-8	86
5	Tetradecane		198	C14H30	000629-59-4	80



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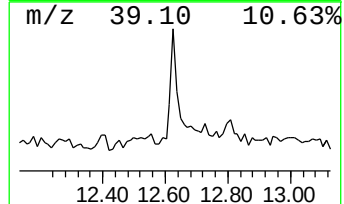
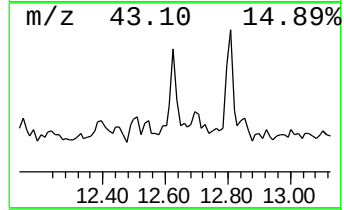
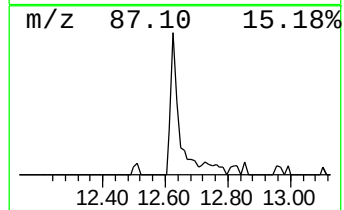
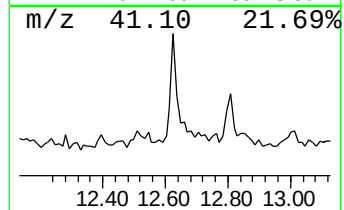
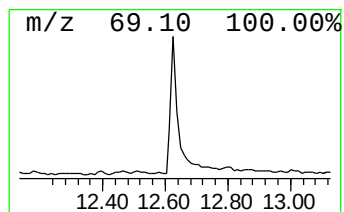
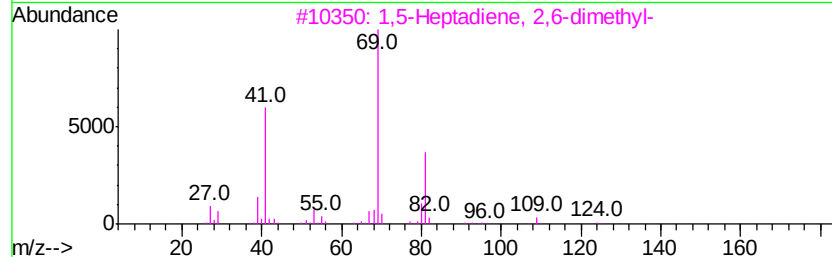
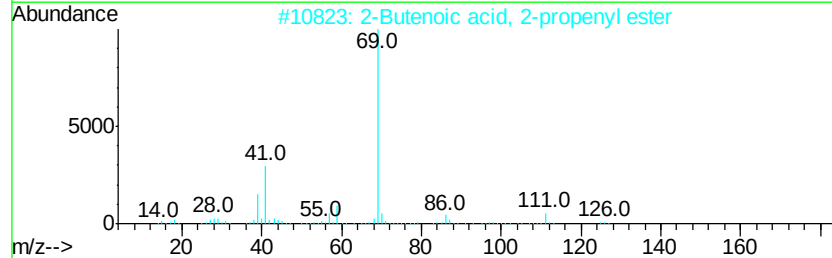
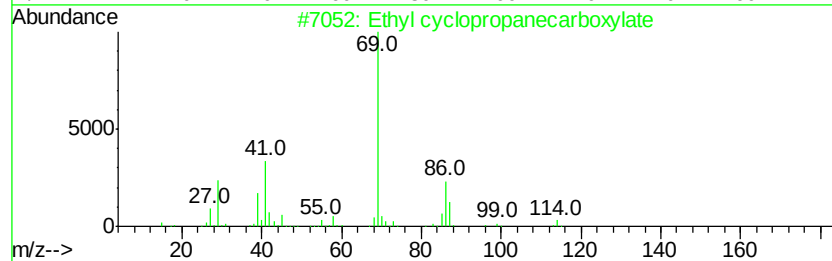
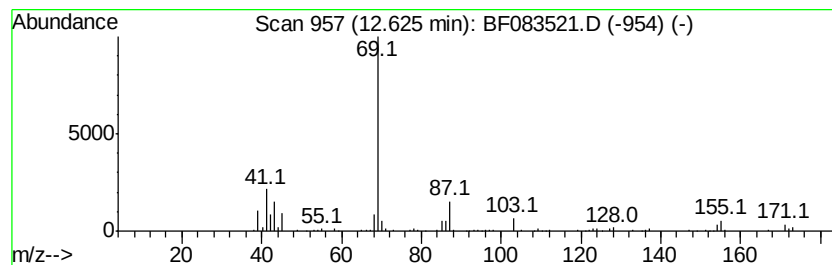
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown12.63 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.11 ng	150996	Phenanthrene-d10	12.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	50
2			2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	36
3			1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	9
4			Oxazolidin-2-one, N-[(Z)-butenoyl]-	155	C7H9NO3	1000156-45-4	9
5			2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	9



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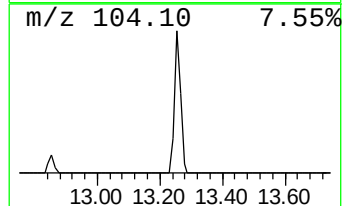
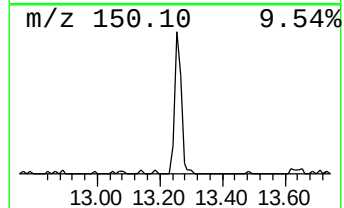
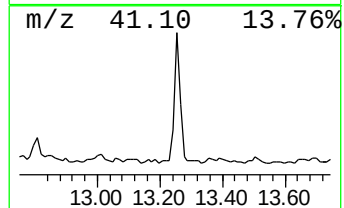
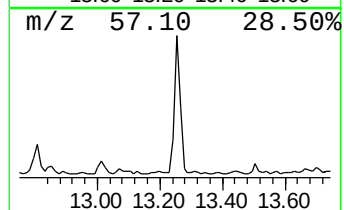
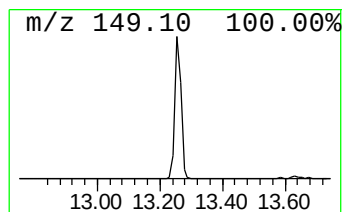
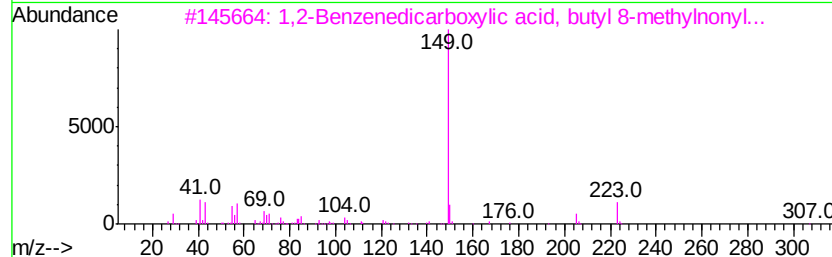
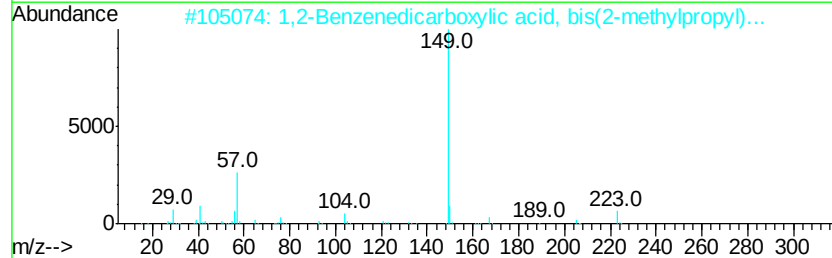
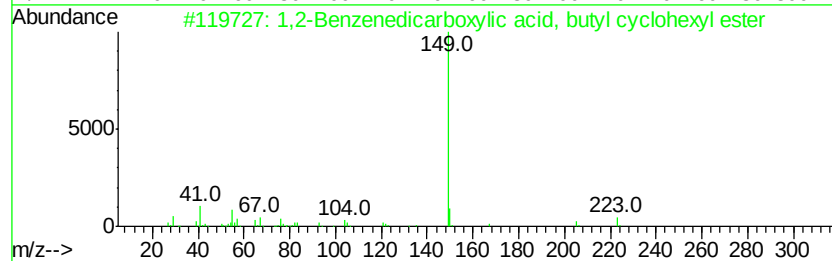
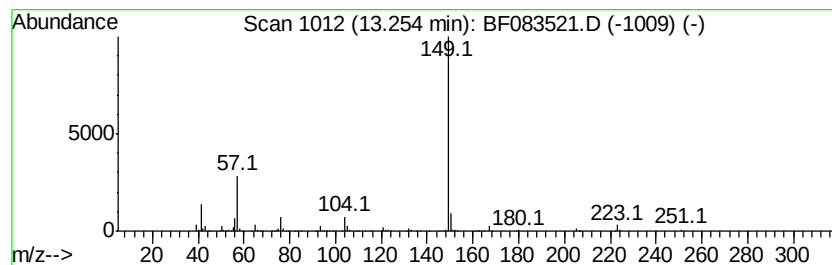
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TIC Integration Parameters: LSCINT.P

Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.62 ng	473501	Phenanthrene-d10	12.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78
2			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
3			1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
4			1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	72
5			Diethyl Phthalate	222	C12H14O4	000084-66-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083521.D
Acq On : 5 Dec 2015 22:48
Operator : UM/IZ
Sample : G4588-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

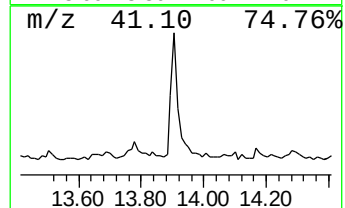
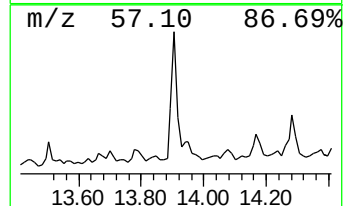
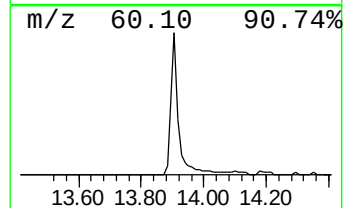
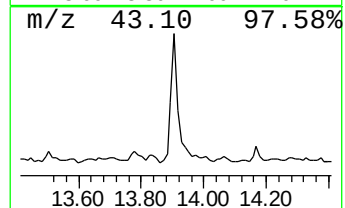
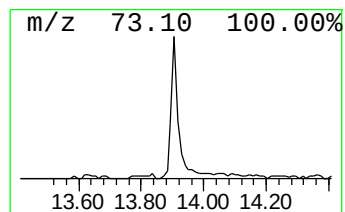
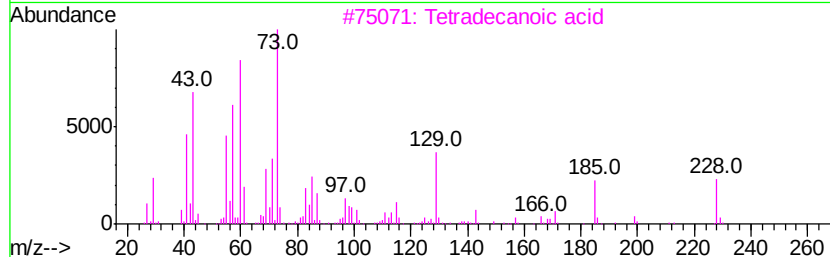
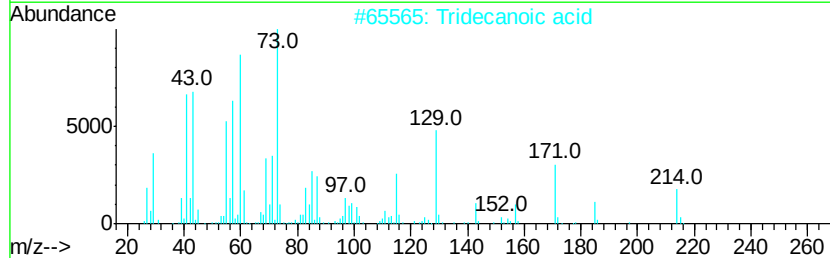
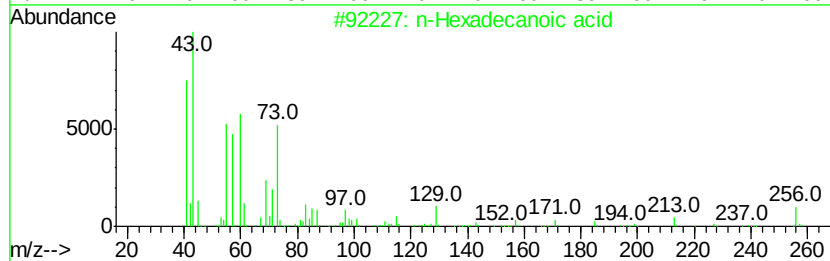
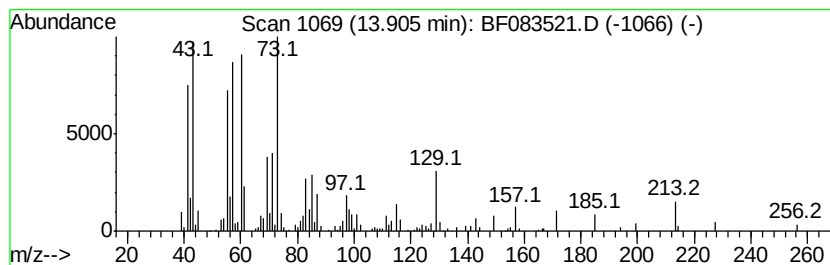
Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	5.57 ng	398484	Phenanthrene-d10	12.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083521.D
Acq On : 5 Dec 2015 22:48
Operator : UM/IZ
Sample : G4588-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

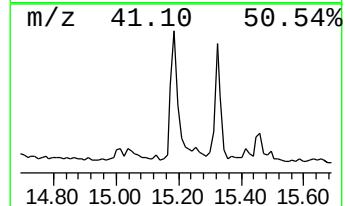
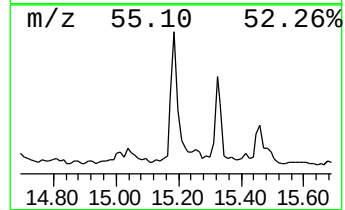
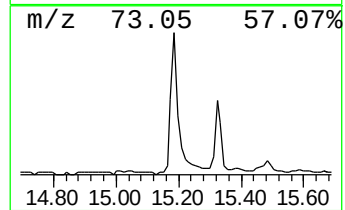
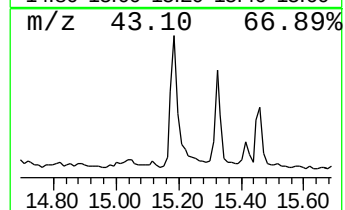
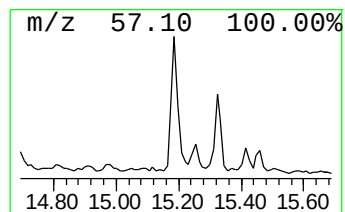
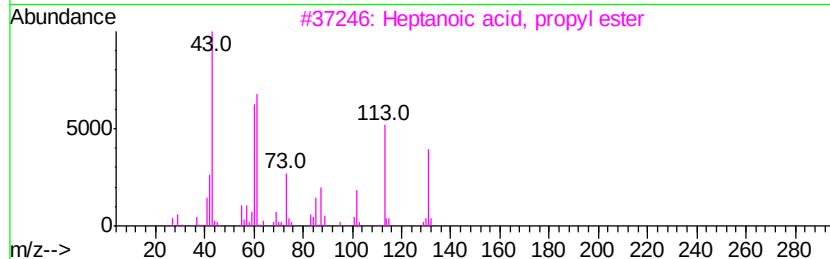
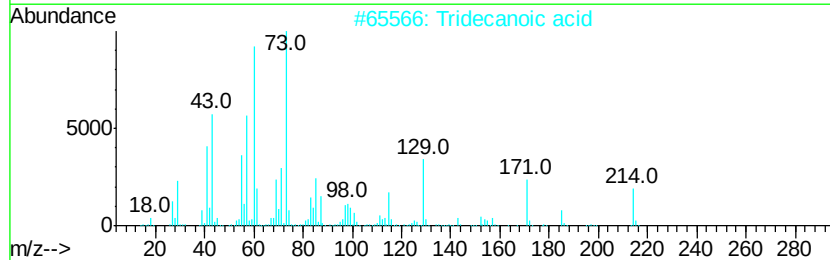
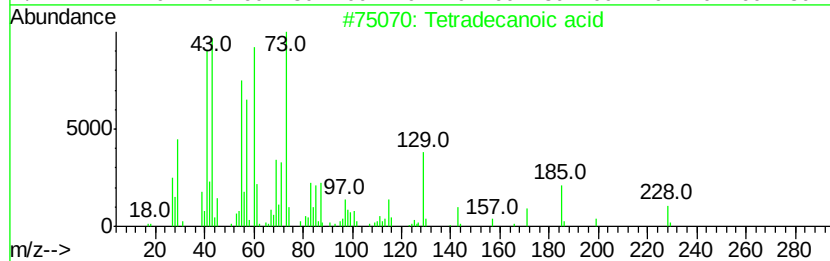
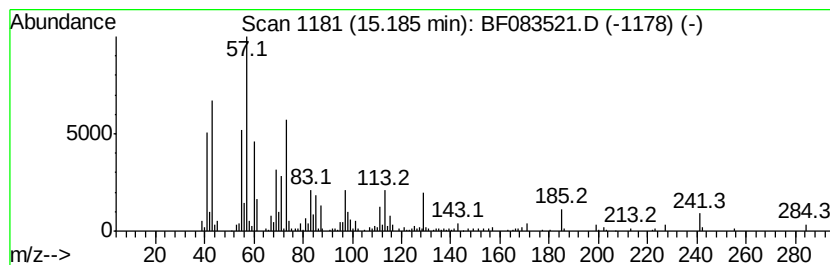
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	8.62 ng	487930	Chrysene-d12	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	46
2		Tridecanoic acid	214	C13H26O2	000638-53-9	43
3		Heptanoic acid, propyl ester	172	C10H20O2	007778-87-2	35
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	16
5		5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083521.D
Acq On : 5 Dec 2015 22:48
Operator : UM/IZ
Sample : G4588-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

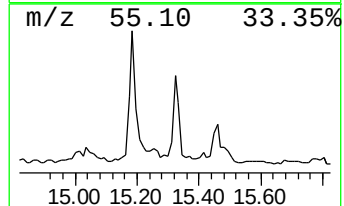
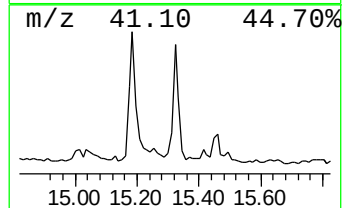
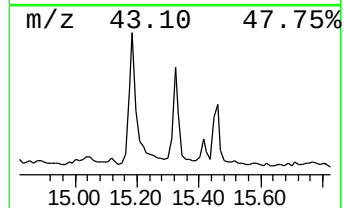
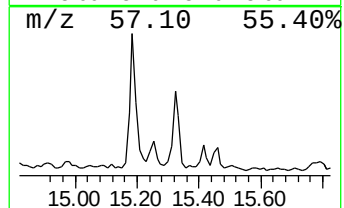
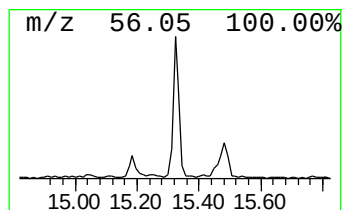
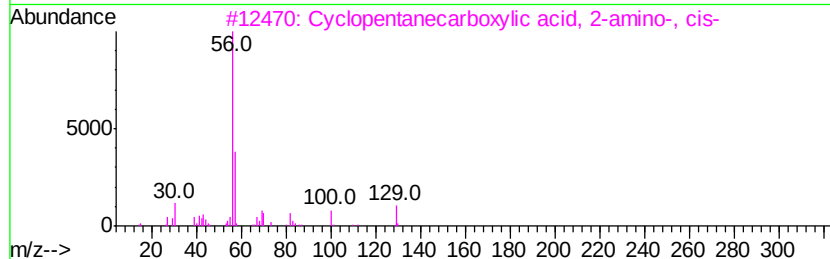
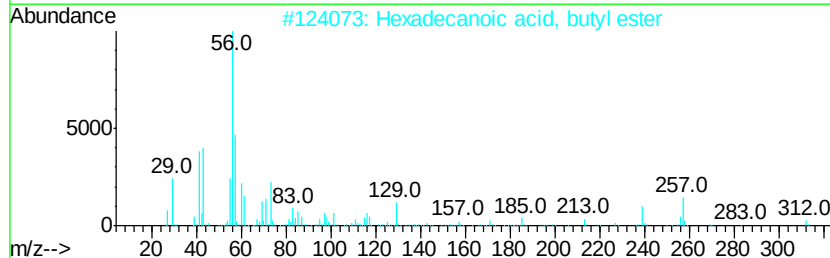
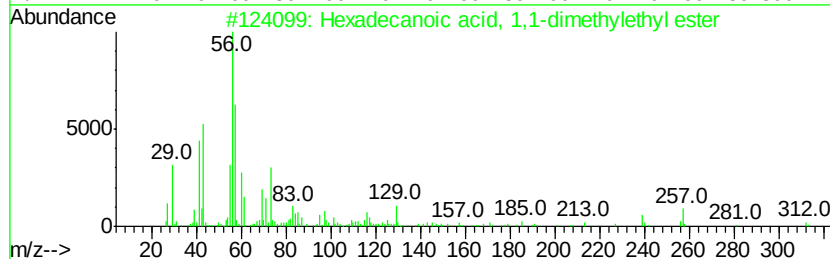
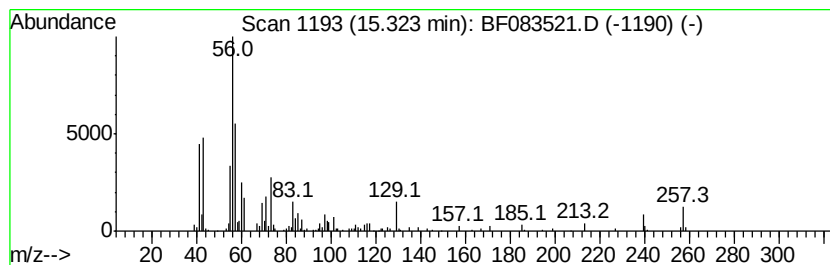
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.49 ng	310833	Chrysene-d12	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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Operator : UM/IZ
Sample : G4588-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

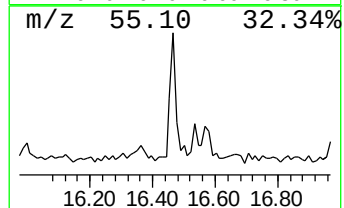
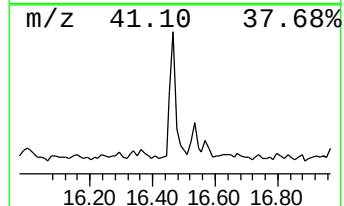
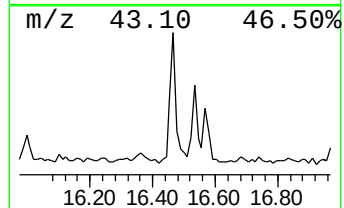
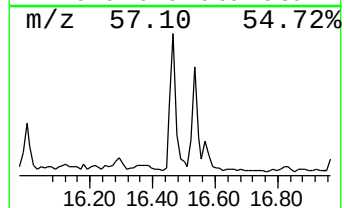
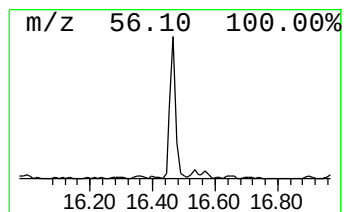
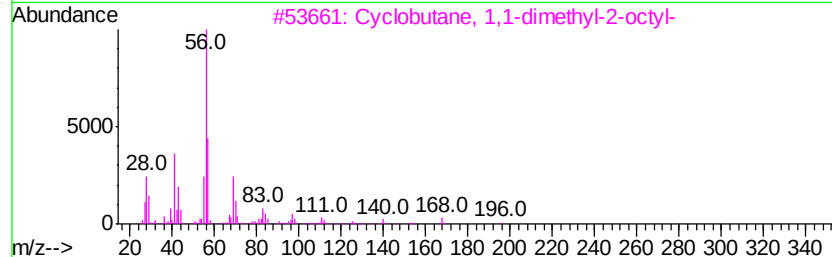
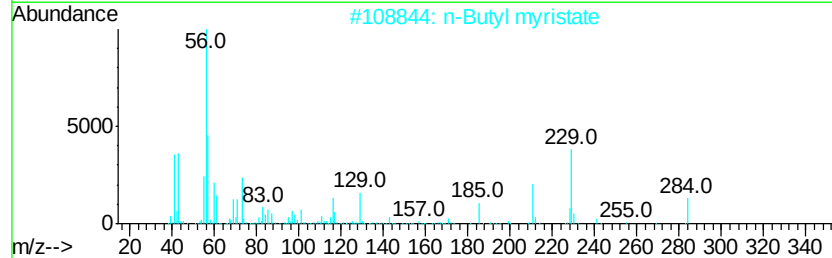
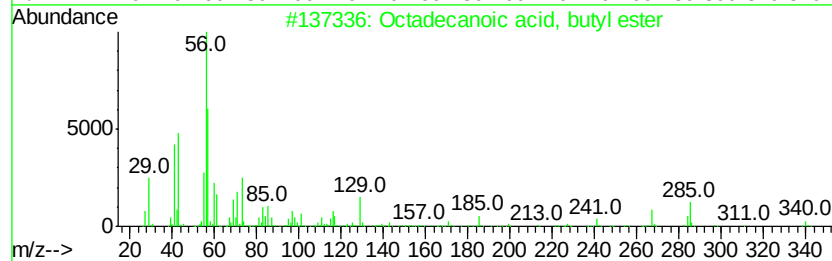
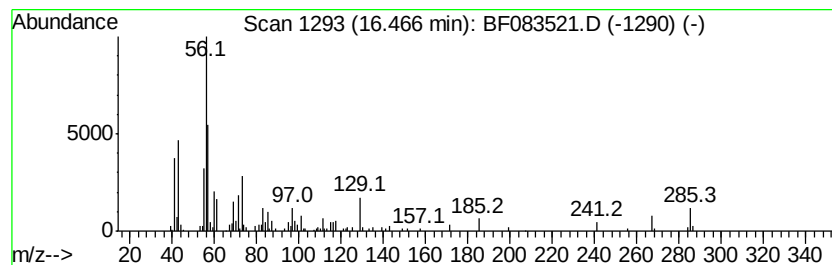
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.96 ng	224228	Chrysene-d12	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	78
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
4		1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	40
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38



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Acq On : 5 Dec 2015 22:48
Operator : UM/IZ
Sample : G4588-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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...	3.60	9.3	ng	458511	1	5.77	983945	20.0
unknown8.99	8.99	2.7	ng	178448	2	7.66	1303980	20.0
Pentadecane	12.08	2.1	ng	152931	4	12.85	1429860	20.0
unknown12.63	12.63	2.1	ng	150996	4	12.85	1429860	20.0
1,2-Benzenedicarb...	13.25	6.6	ng	473501	4	12.85	1429860	20.0
n-Hexadecanoic acid	13.91	5.6	ng	398484	4	12.85	1429860	20.0
unknown15.19	15.19	8.6	ng	487930	5	17.04	1131550	20.0
Hexadecanoic acid...	15.32	5.5	ng	310833	5	17.04	1131550	20.0
Octadecanoic acid...	16.47	4.0	ng	224228	5	17.04	1131550	20.0