

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111260.D
 Acq On : 10 Dec 2018 23:31
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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	5.016	490	498	505	rVB	426824	613890	6.11%	0.709%
2	5.422	562	567	570	rBV	9109321	9015546	89.70%	10.411%
3	6.434	733	739	751	rBV	9146738	10050216	100.00%	11.606%
4	6.575	758	763	766	rBV	8995054	9251720	92.05%	10.684%
5	6.804	798	802	805	rBV	3216644	2831163	28.17%	3.269%
6	6.957	824	828	832	rBV	7347498	7106603	70.71%	8.207%
7	7.363	891	897	900	rBV	6114572	6042378	60.12%	6.978%
8	8.081	1015	1019	1023	rBV	3828586	3557125	35.39%	4.108%
9	9.163	1198	1203	1206	rBV	10300745	8942104	88.97%	10.326%
10	9.551	1266	1269	1272	rBV	835184	642257	6.39%	0.742%
11	9.839	1312	1318	1322	rBV	3768040	3346509	33.30%	3.865%
12	10.622	1447	1451	1455	rBV	4779691	4247742	42.27%	4.905%
13	11.063	1523	1526	1535	rVB	497853	571979	5.69%	0.661%
14	11.322	1566	1570	1573	rBV	2930124	2564454	25.52%	2.961%
15	11.857	1657	1661	1668	rBV	2155977	2090316	20.80%	2.414%
16	11.916	1668	1671	1680	rVB3	257667	436217	4.34%	0.504%
17	12.527	1772	1775	1779	rBV	179137	206012	2.05%	0.238%
18	12.563	1779	1781	1788	rVV5	149471	227763	2.27%	0.263%
19	12.639	1791	1794	1799	rVV	1034334	995281	9.90%	1.149%
20	12.692	1800	1803	1808	rVV2	256977	369568	3.68%	0.427%
21	12.757	1812	1814	1818	rVB	166618	147655	1.47%	0.171%
22	12.910	1835	1840	1843	rBV	5916125	5579384	55.52%	6.443%
23	13.827	1992	1996	2006	rVB2	587991	999599	9.95%	1.154%
24	13.957	2014	2018	2021	rBV	2328831	2140901	21.30%	2.472%
25	14.445	2098	2101	2103	rBV	272705	299825	2.98%	0.346%
26	15.074	2205	2208	2213	rVB	1793751	1960897	19.51%	2.264%
27	15.392	2259	2262	2266	rVB	1255425	1468989	14.62%	1.696%
28	15.874	2340	2344	2349	rVB	642502	887718	8.83%	1.025%

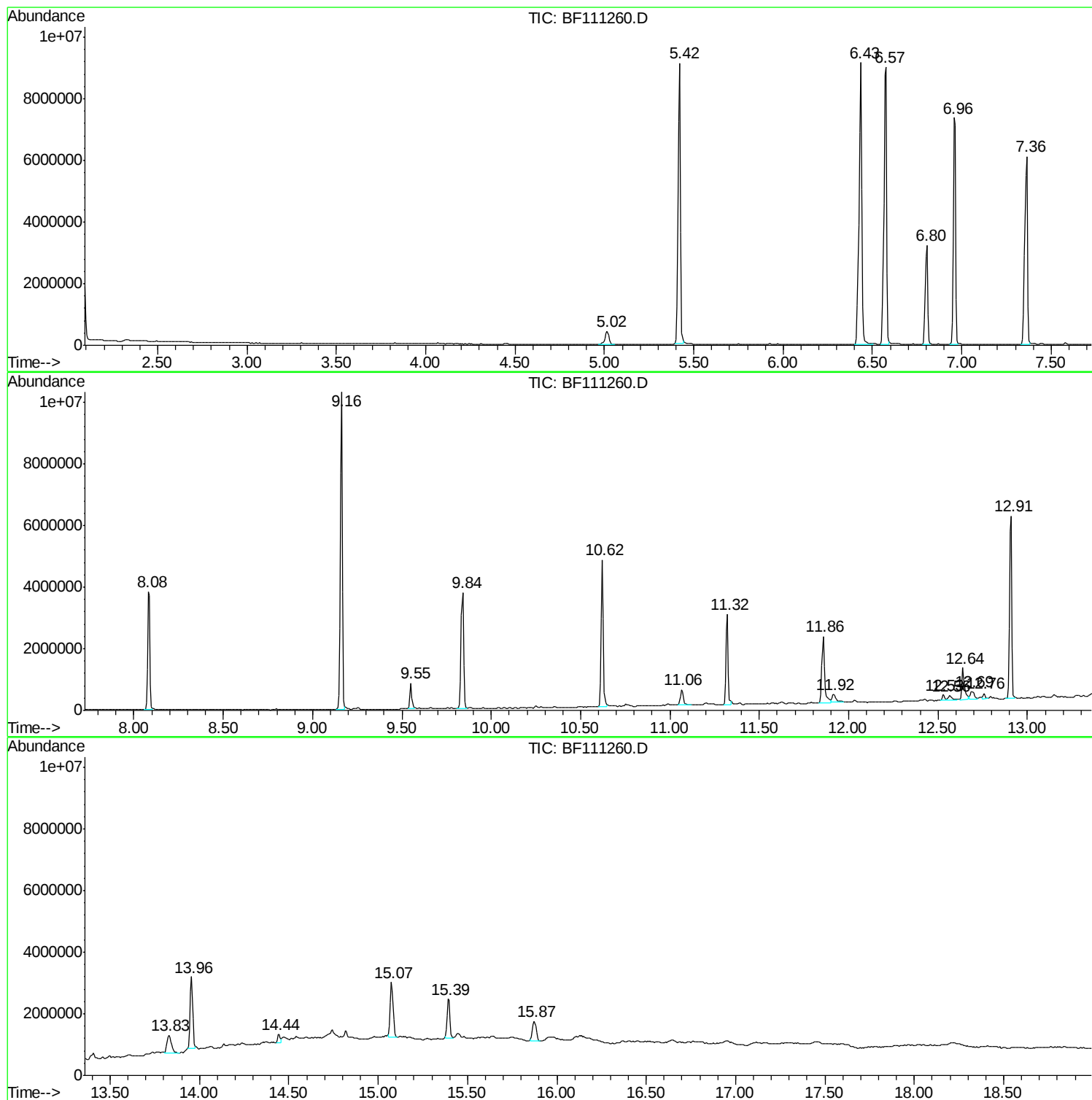
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Sample : J6302-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.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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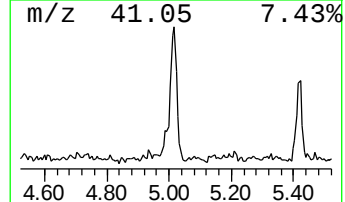
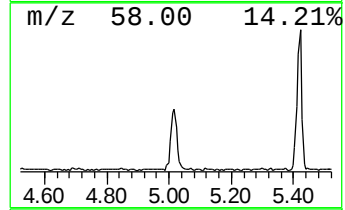
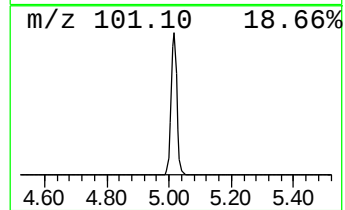
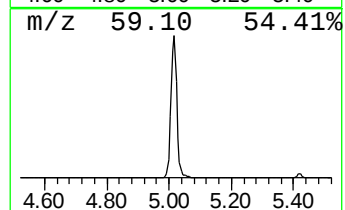
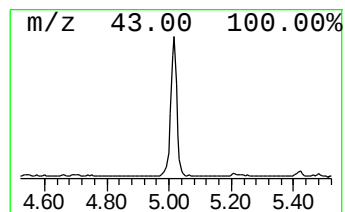
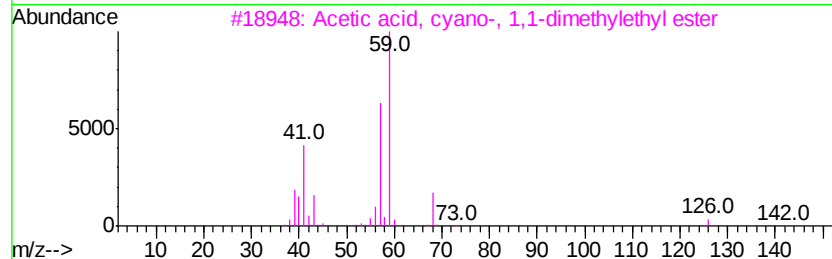
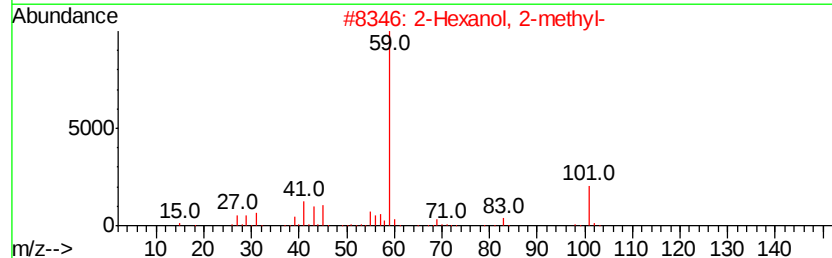
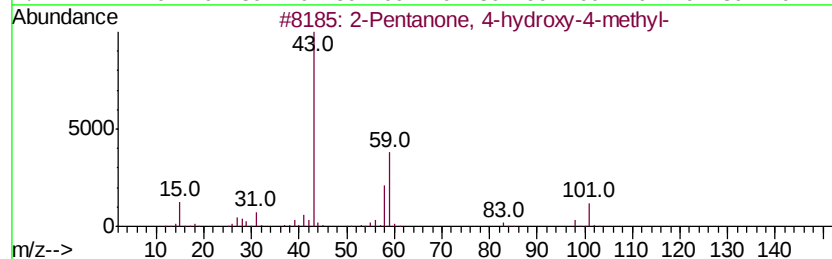
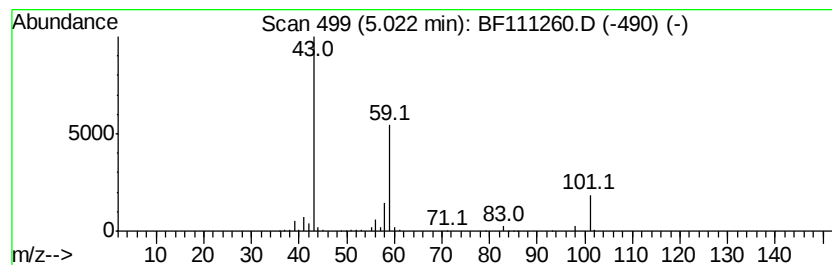
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.34 ng	613890	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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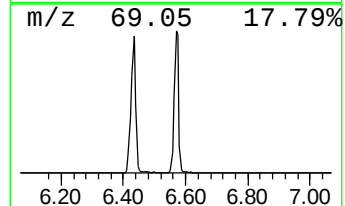
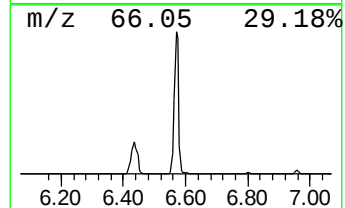
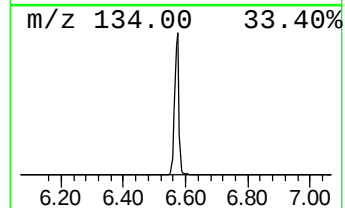
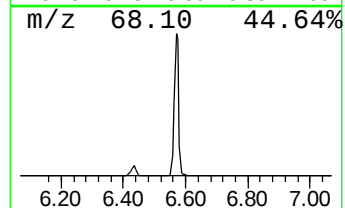
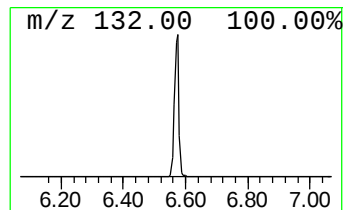
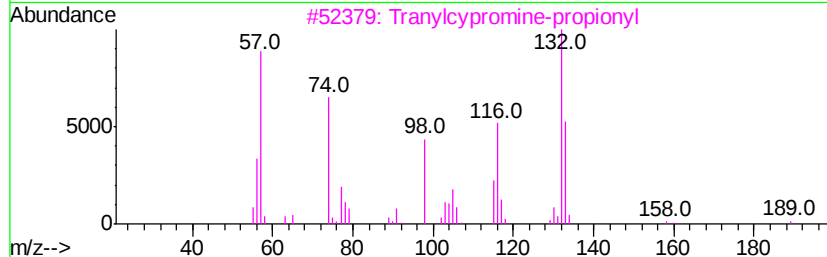
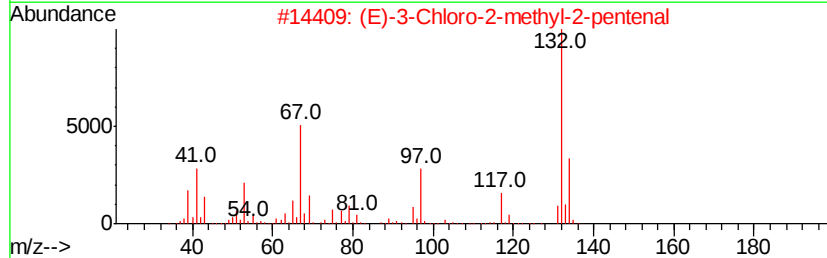
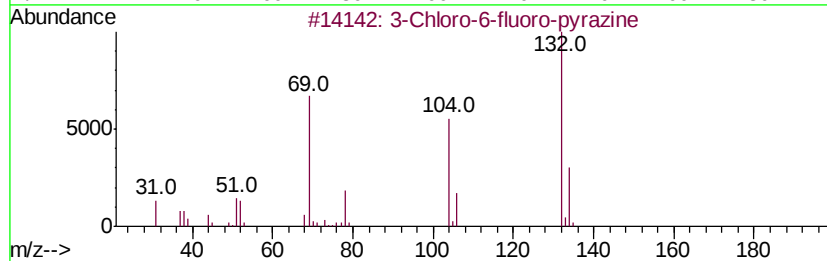
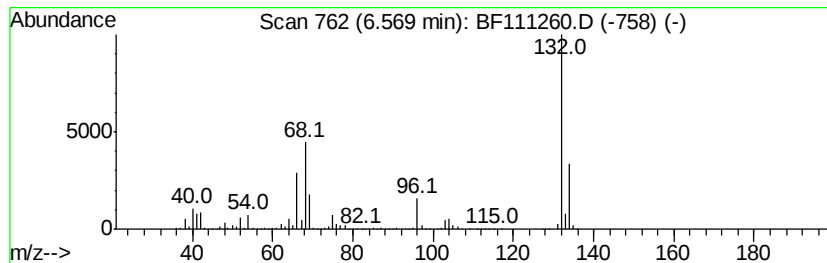
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	65.36 ng	9251720	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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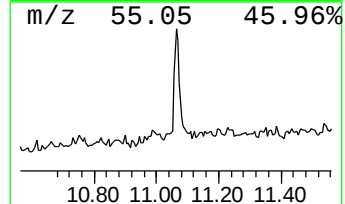
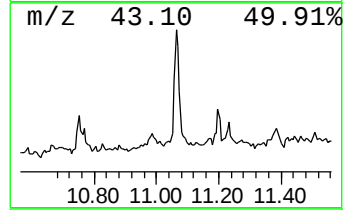
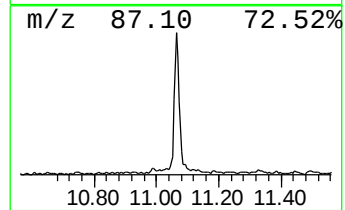
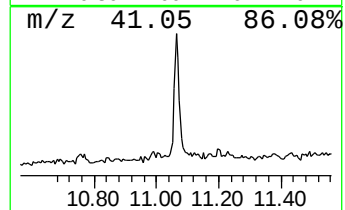
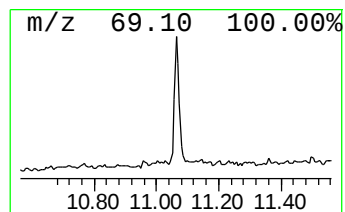
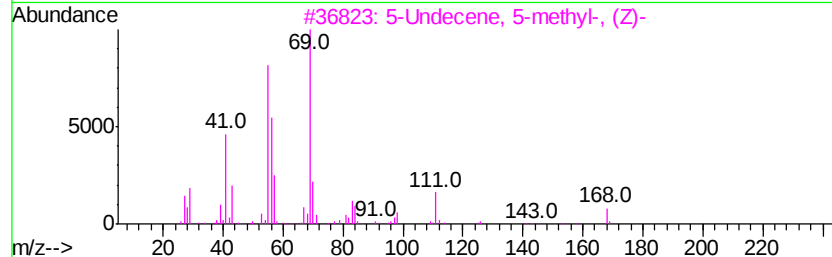
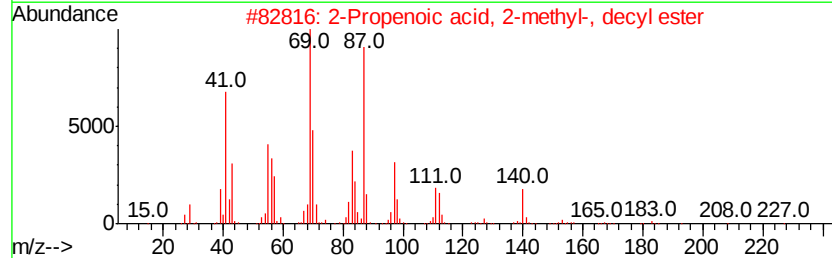
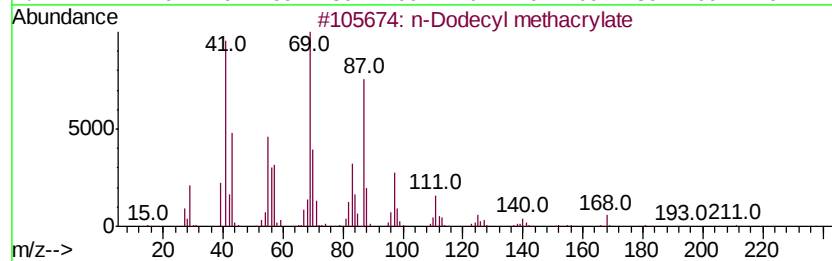
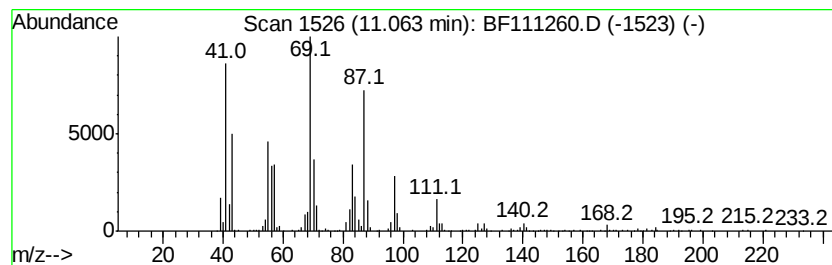
Instrument :
BNA_F
ClientSampleId :
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Peak Number 4 n-Dodecyl methacrylate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.06	4.46 ng	571979	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	91
3	5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	49
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	46



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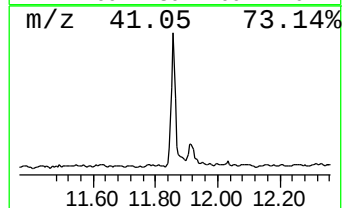
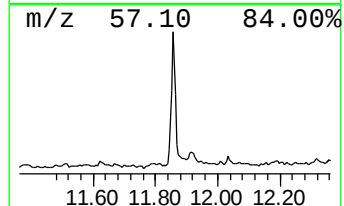
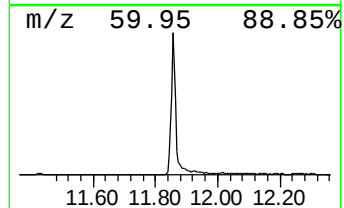
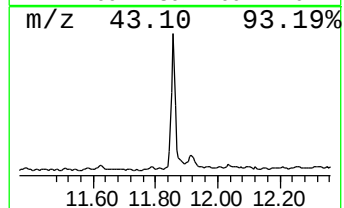
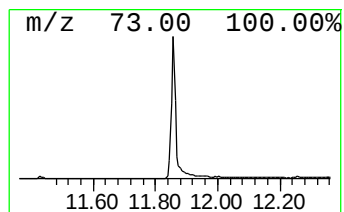
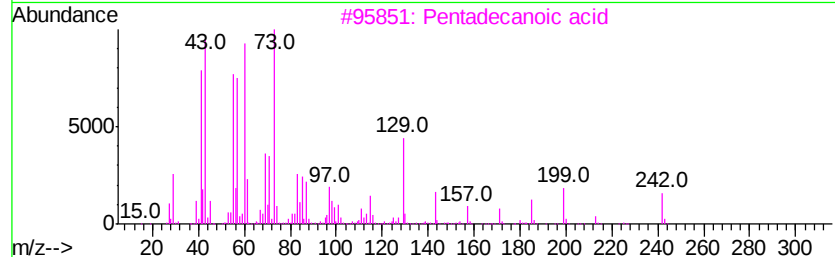
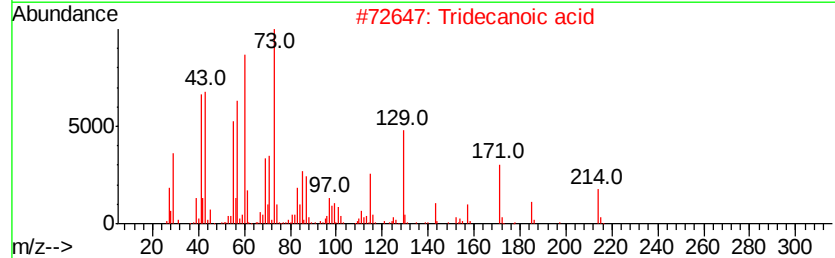
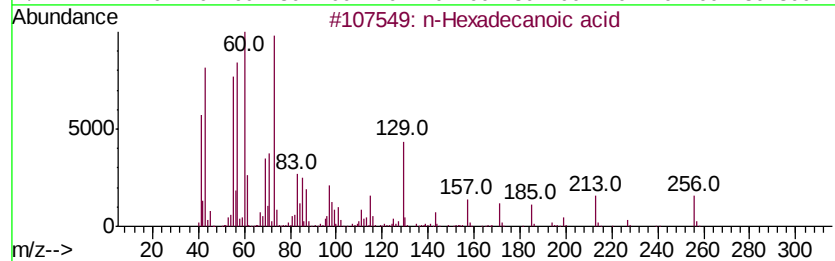
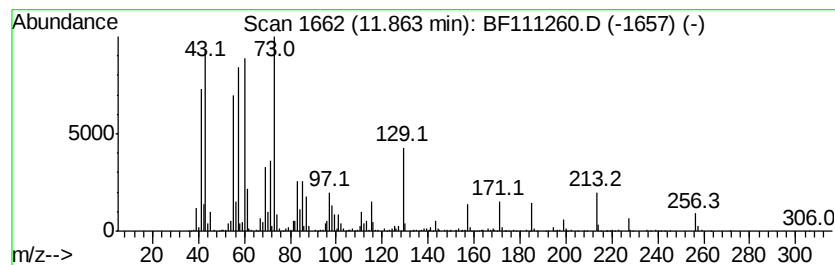
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	16.30 ng	2090320	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Nonanoic acid	158	C9H18O2	000112-05-0	47



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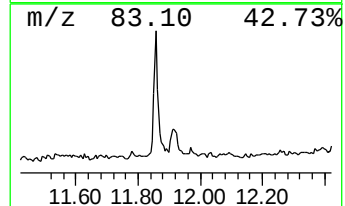
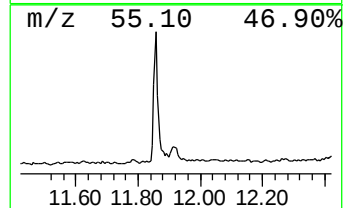
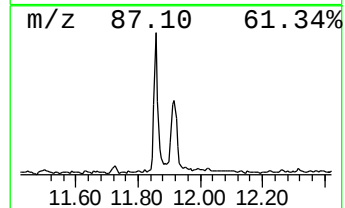
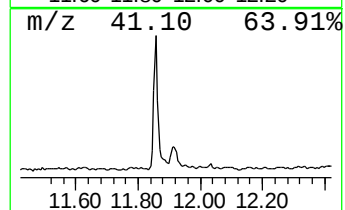
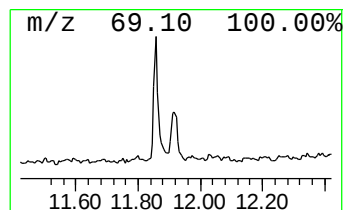
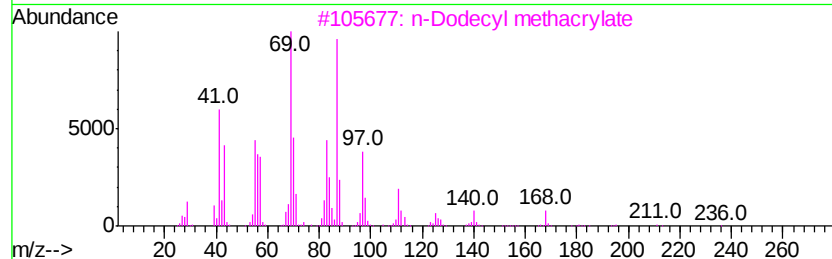
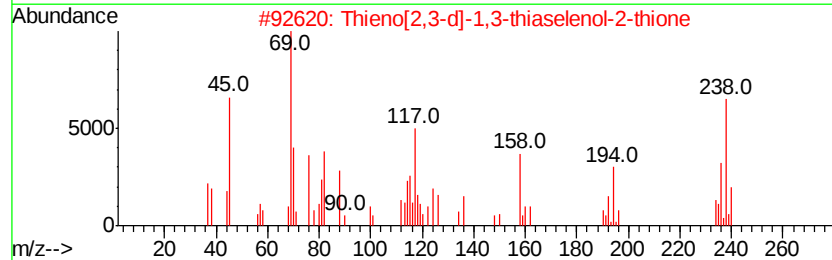
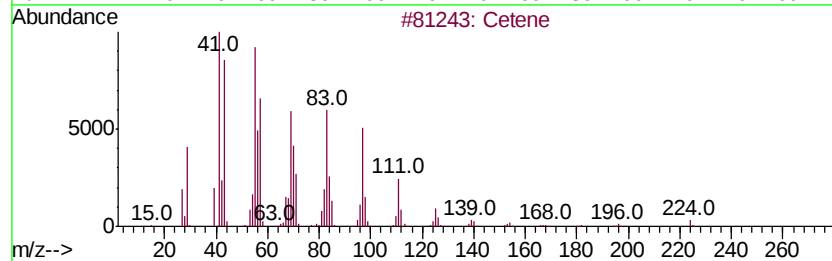
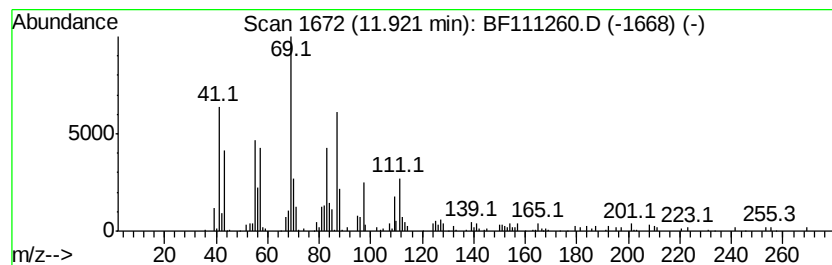
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Peak Number 6 Cetene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	3.40 ng	436217	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	91
2	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	91
3	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	90
4	1-Pentadecene	210	C15H30	013360-61-7	72
5	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	72



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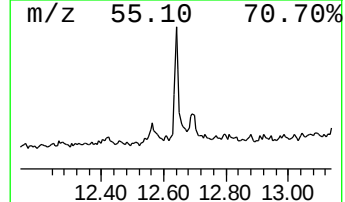
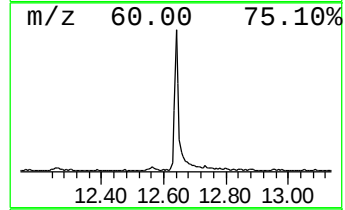
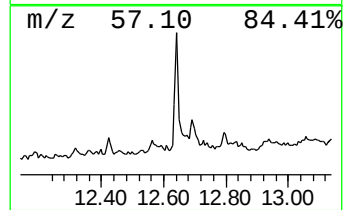
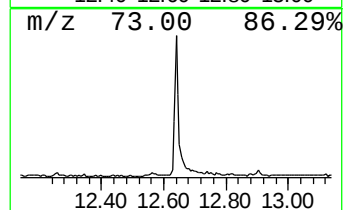
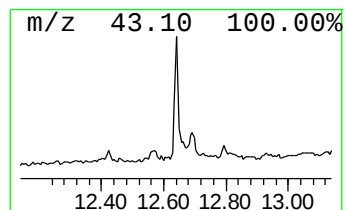
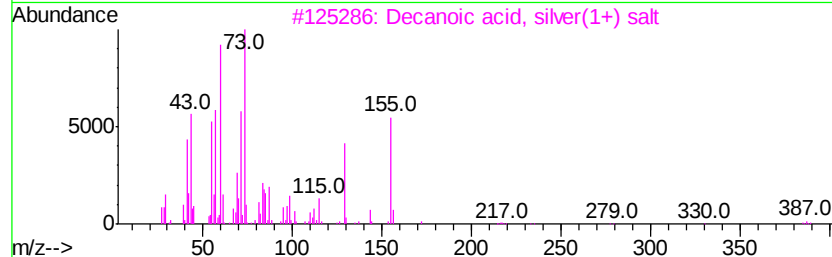
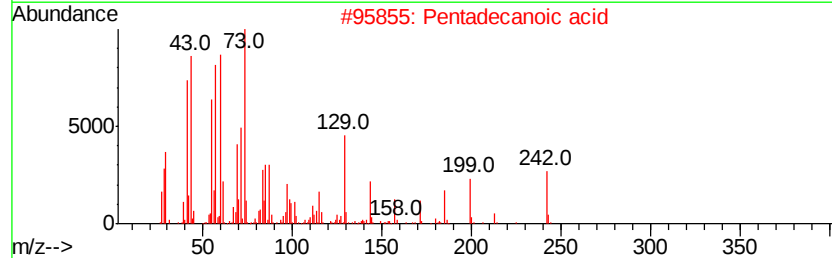
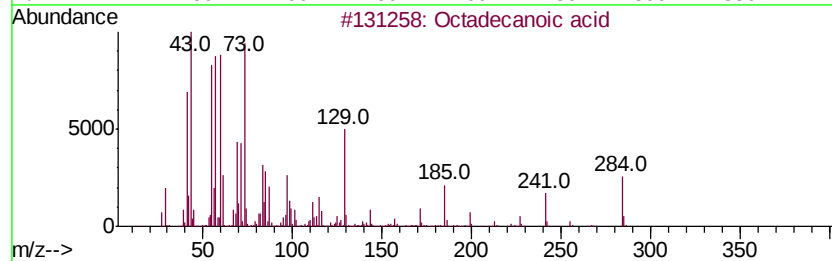
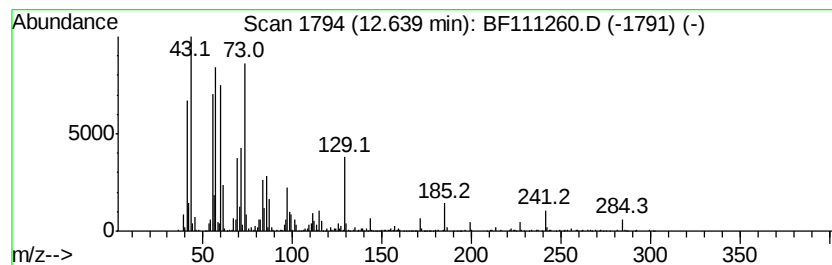
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.76 ng	995281	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111260.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

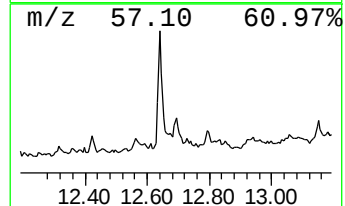
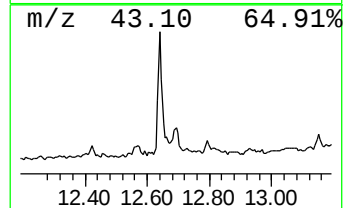
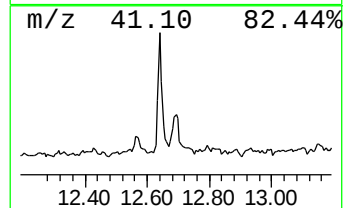
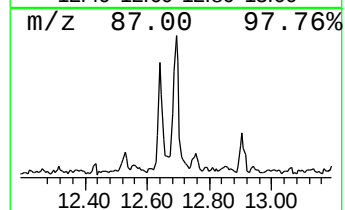
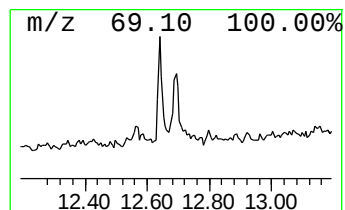
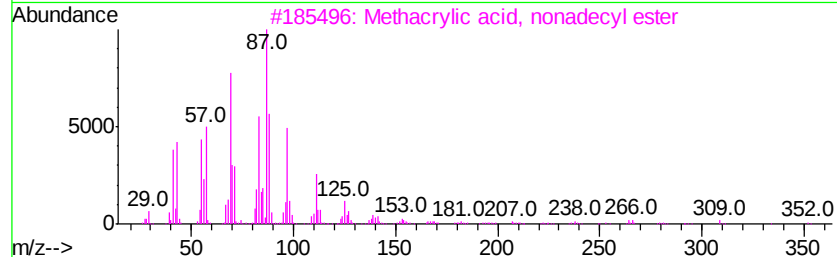
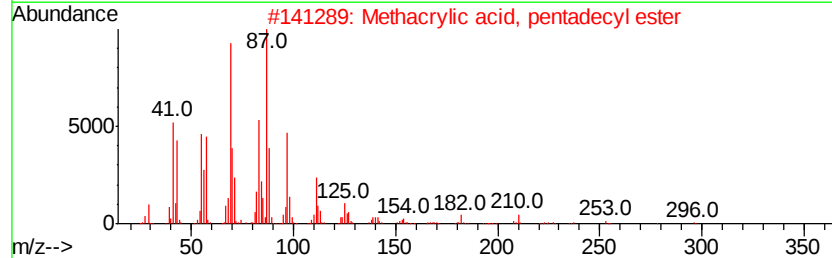
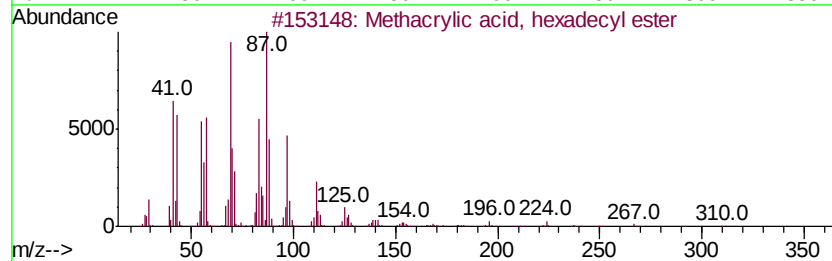
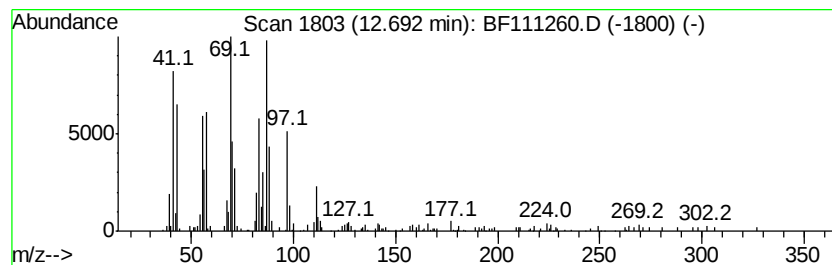
Instrument :
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ClientSampleId :
K-120718-RO

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methacrylic acid, hexadecyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.69	3.45 ng	369568	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	91
2		Methacrylic acid, pentadecyl ester	296	C19H36O2	1000340-29-1	90
3		Methacrylic acid, nonadecyl ester	352	C23H44O2	1000340-29-5	58
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	52
5		1-Undecene, 7-methyl-	168	C12H24	074630-42-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111260.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

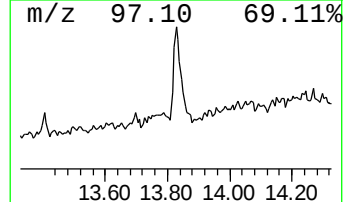
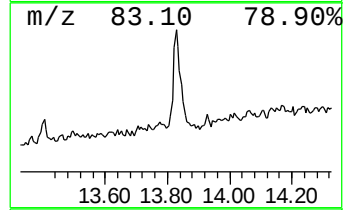
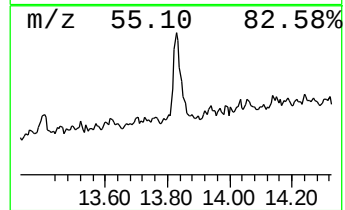
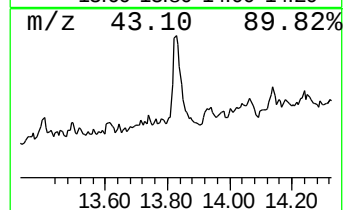
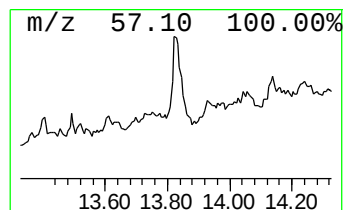
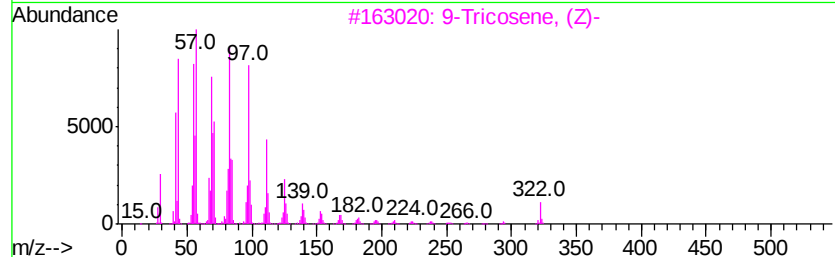
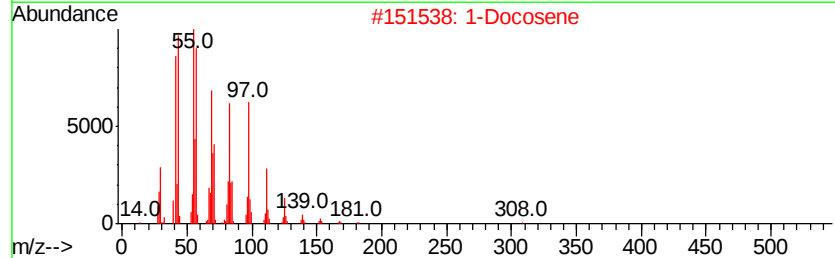
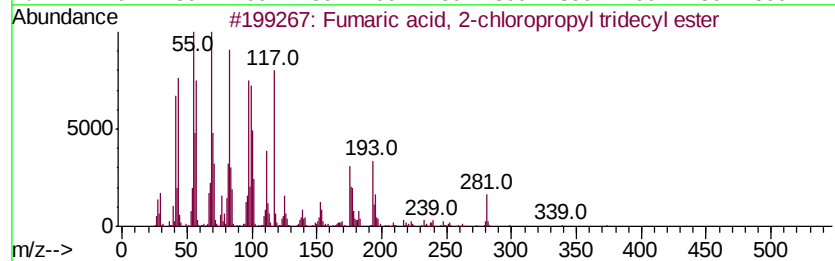
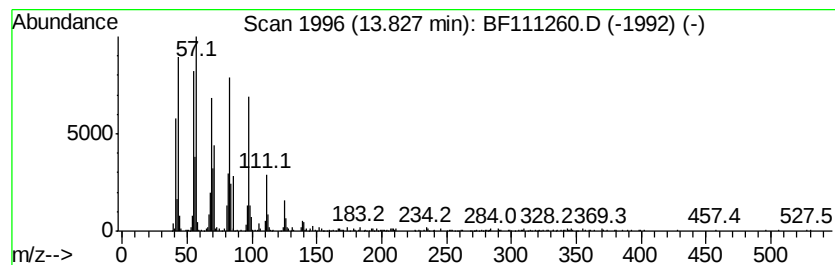
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Fumaric acid, 2-chloropropyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	9.34 ng	999599	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2		1-Docosene	308	C22H44	001599-67-3	96
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
4		Cyclooctacosane	392	C28H56	000297-24-5	95
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111260.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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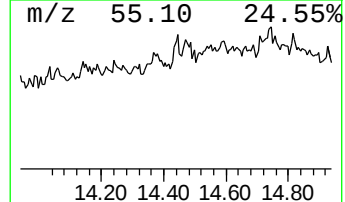
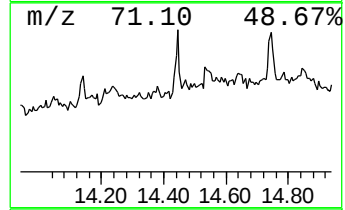
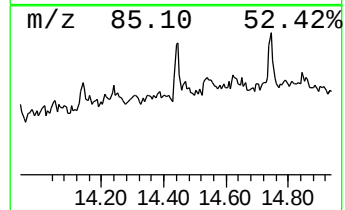
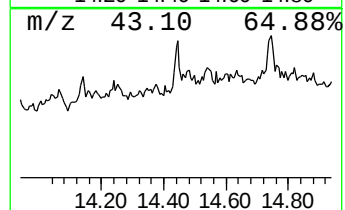
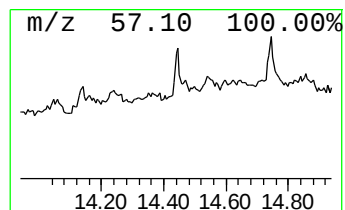
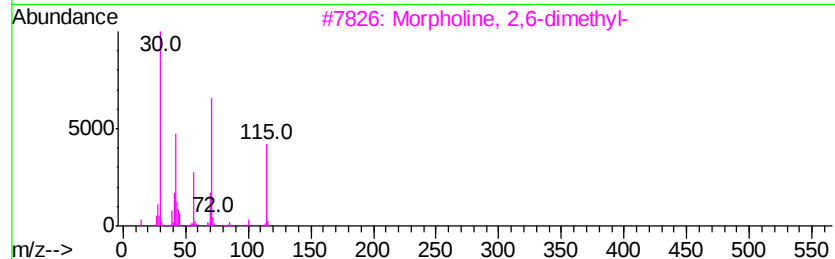
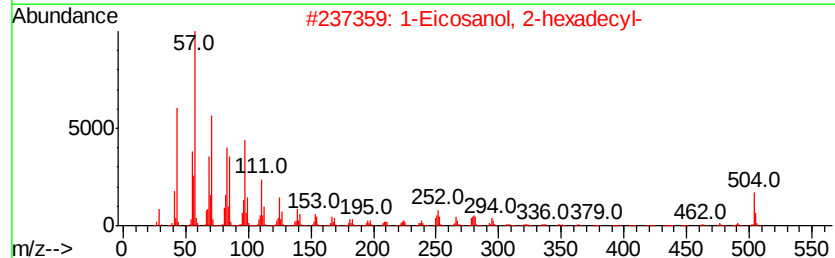
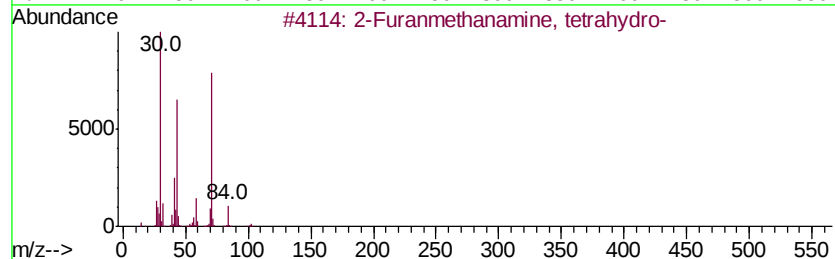
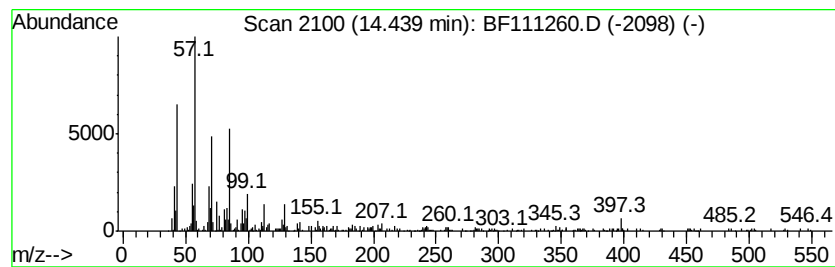
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.80 ng	299825	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	25
2			1-Eicosanol, 2-hexadecyl-	523	C36H74O	017658-63-8	9
3			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
4			1-Heptadecanamine	255	C17H37N	004200-95-7	9
5			Dotriacontane, 1,32-dibromo-	606	C32H64Br2	121955-26-8	7



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111260.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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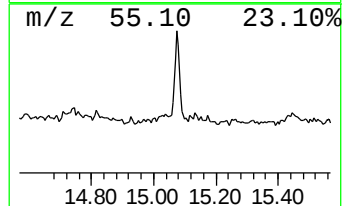
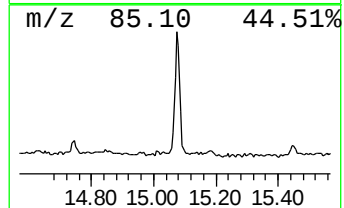
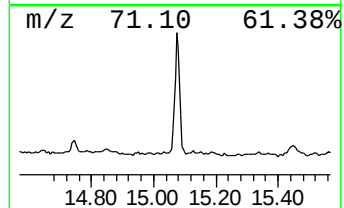
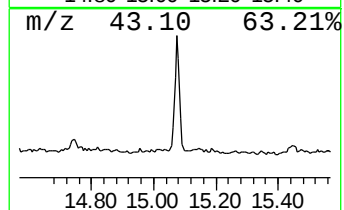
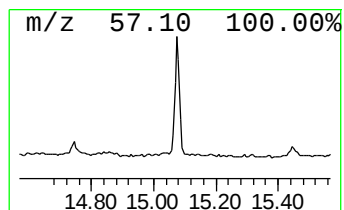
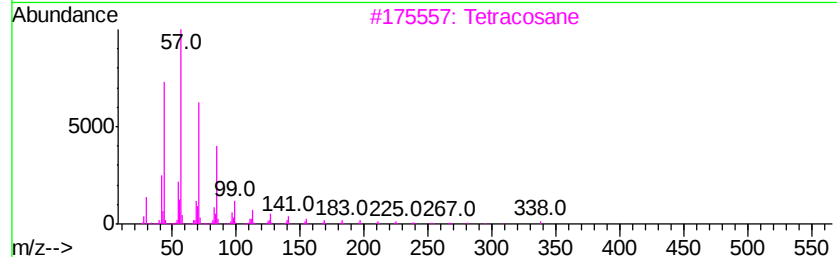
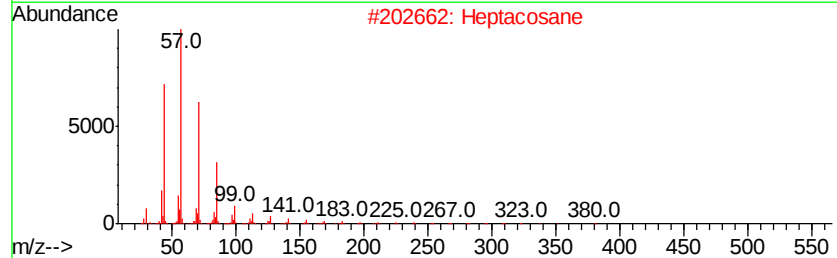
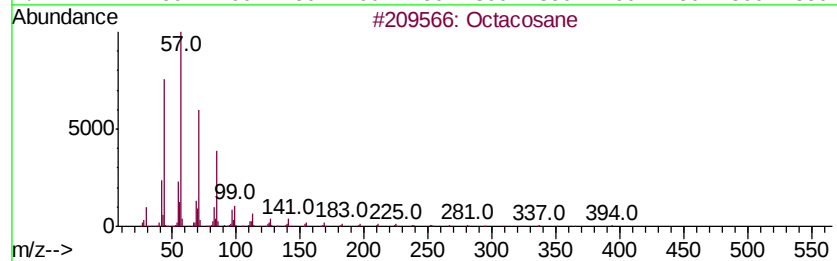
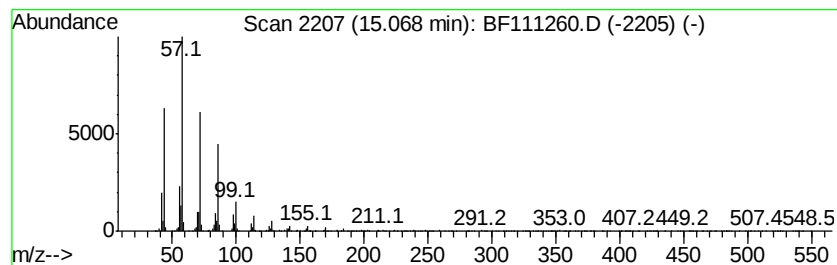
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	26.70 ng	1960900	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111260.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
K-120718-RO

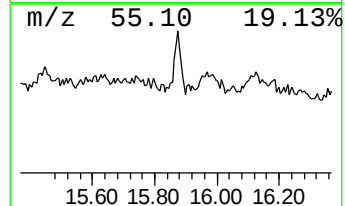
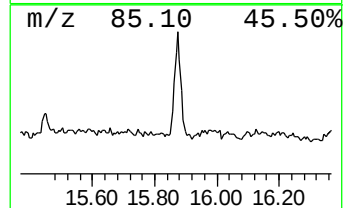
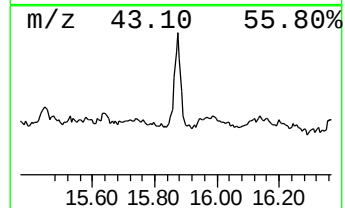
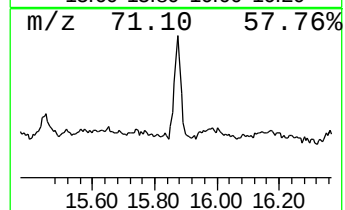
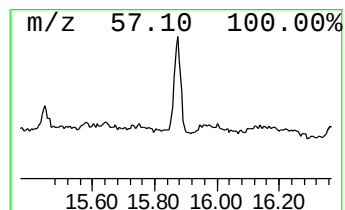
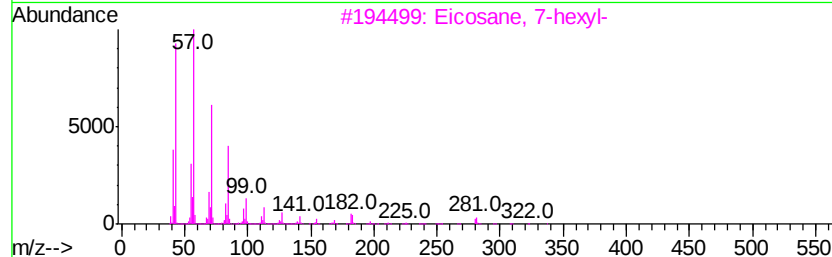
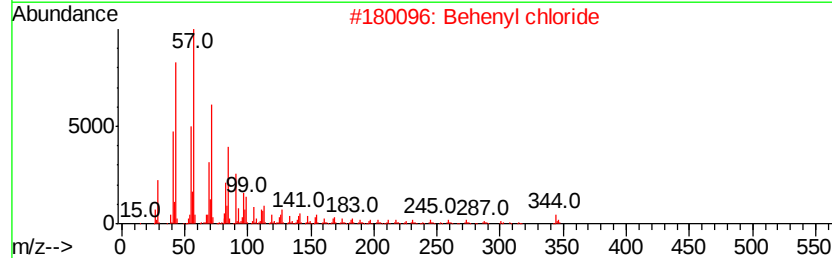
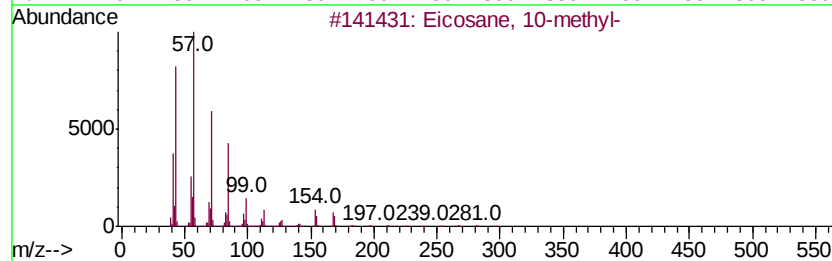
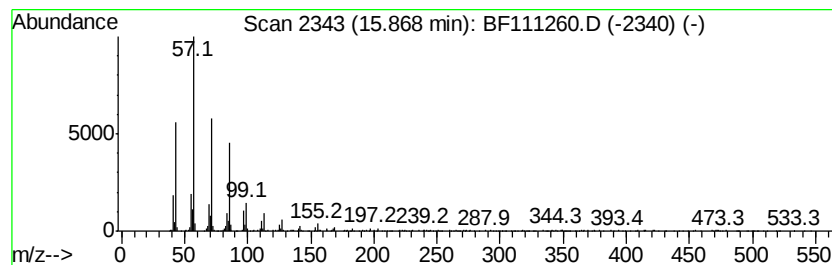
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	12.09 ng	887718	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
2		Behenyl chloride	344	C22H45Cl	042217-03-8	72
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111260.D
 Acq On : 10 Dec 2018 23:31
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
2-Pentanone, 4-hy...	5.02	4.3	ng	613890	1	6.80	2831160	20.0
unknown6.57	6.57	65.4	ng	9251720	1	6.80	2831160	20.0
n-Dodecyl methacr...	11.06	4.5	ng	571979	4	11.32	2564450	20.0
n-Hexadecanoic acid	11.86	16.3	ng	2090320	4	11.32	2564450	20.0
Cetene	11.92	3.4	ng	436217	4	11.32	2564450	20.0
Octadecanoic acid	12.64	7.8	ng	995281	4	11.32	2564450	20.0
Methacrylic acid,...	12.69	3.5	ng	369568	5	13.96	2140900	20.0
Fumaric acid, 2-c...	13.83	9.3	ng	999599	5	13.96	2140900	20.0
unknown14.44	14.44	2.8	ng	299825	5	13.96	2140900	20.0
Octacosane	15.07	26.7	ng	1960900	6	15.40	1468990	20.0
Eicosane, 10-methyl-	15.87	12.1	ng	887718	6	15.40	1468990	20.0