

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF033018\
 Data File : BF104111.D
 Acq On : 30 Mar 2018 23:32
 Operator : JU/SJ
 Sample : J2112-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-COMP

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-BF032818.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	2.287	30	34	44	rVB	69363	95861	3.62%	0.372%
2	5.198	526	529	537	rBV	68452	94699	3.57%	0.368%
3	5.592	592	596	623	rBV	1474077	2176932	82.18%	8.452%
4	6.592	762	766	786	rBV	1531321	2299650	86.81%	8.929%
5	6.728	786	789	825	rVB	1894631	2618207	98.83%	10.165%
6	6.957	825	828	835	rBV	386587	520023	19.63%	2.019%
7	7.110	850	854	870	rBV	1725376	1849008	69.80%	7.179%
8	7.522	920	924	948	rBV	987363	1502313	56.71%	5.833%
9	8.239	1042	1046	1069	rBV	645978	881700	33.28%	3.423%
10	9.310	1222	1228	1237	rBV	2546179	2649079	100.00%	10.285%
11	9.374	1237	1239	1242	rVV2	68092	81435	3.07%	0.316%
12	9.410	1243	1245	1254	rVB8	28491	53314	2.01%	0.207%
13	9.698	1288	1294	1301	rBV	140095	161209	6.09%	0.626%
14	9.904	1326	1329	1333	rVB	71015	55781	2.11%	0.217%
15	9.992	1341	1344	1357	rVB2	841601	916764	34.61%	3.559%
16	10.404	1411	1414	1417	rVB	81929	59652	2.25%	0.232%
17	10.621	1446	1451	1454	rBV	25030	33365	1.26%	0.130%
18	10.792	1476	1480	1491	rBV	1247372	1534547	57.93%	5.958%
19	10.874	1491	1494	1505	rVB2	79441	132675	5.01%	0.515%
20	11.492	1595	1599	1611	rBV	623988	862696	32.57%	3.349%
21	11.857	1658	1661	1668	rBV	440105	348460	13.15%	1.353%
22	11.998	1681	1685	1689	rBV	120273	135022	5.10%	0.524%
23	12.545	1775	1778	1780	rBV	1406678	1340109	50.59%	5.203%
24	12.568	1780	1782	1789	rVV3	1163637	1134009	42.81%	4.403%
25	12.651	1793	1796	1801	rVB	262257	216439	8.17%	0.840%
26	12.710	1803	1806	1809	rVB	59047	64215	2.42%	0.249%
27	12.939	1840	1845	1851	rBV2	76892	147039	5.55%	0.571%
28	13.074	1864	1868	1878	rBV	1970539	1976832	74.62%	7.675%
29	13.951	2014	2017	2020	rBV2	183358	210759	7.96%	0.818%
30	14.145	2046	2050	2063	rBV	549578	905585	34.18%	3.516%
31	15.680	2305	2311	2321	rVB2	321368	698874	26.38%	2.713%

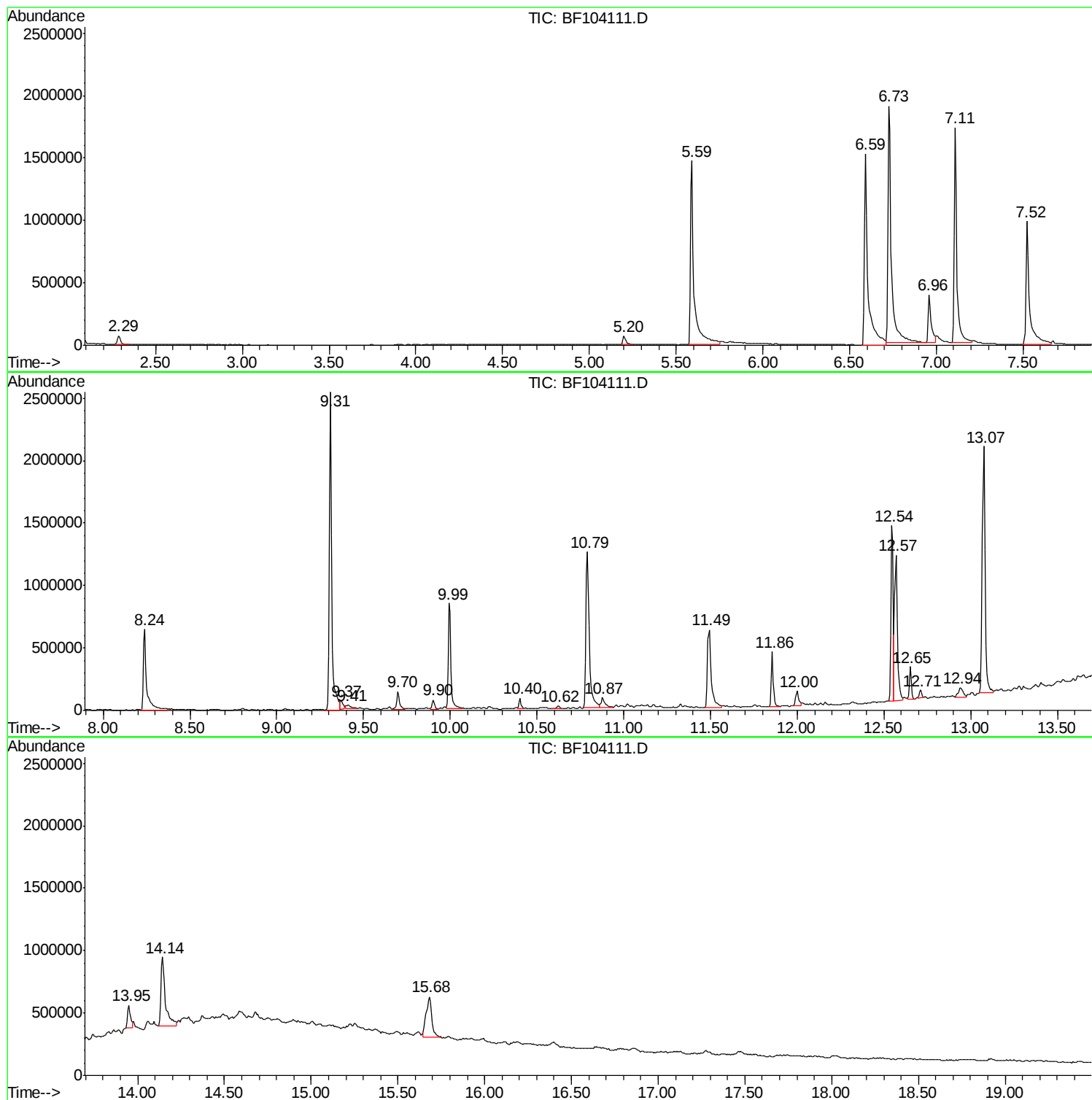
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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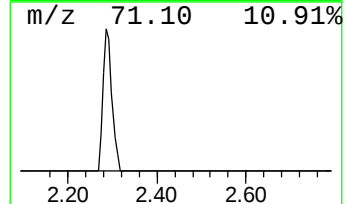
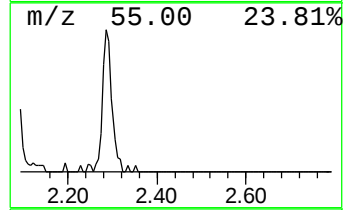
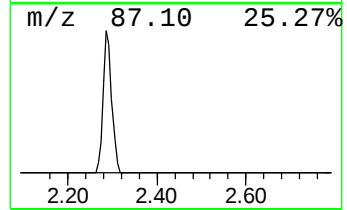
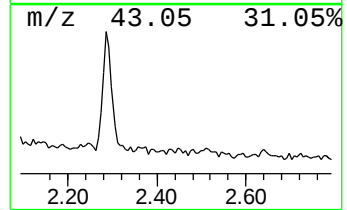
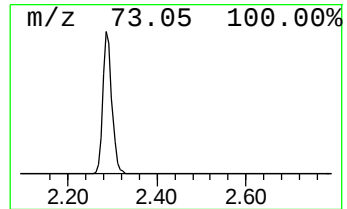
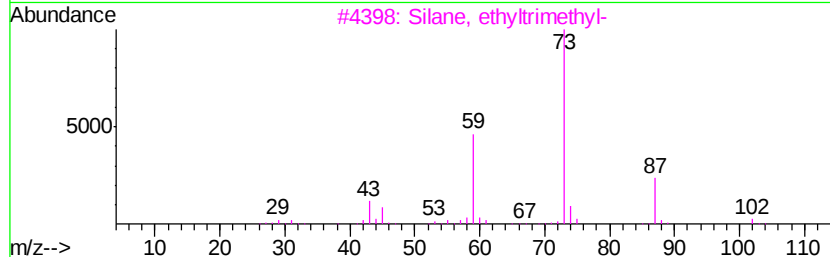
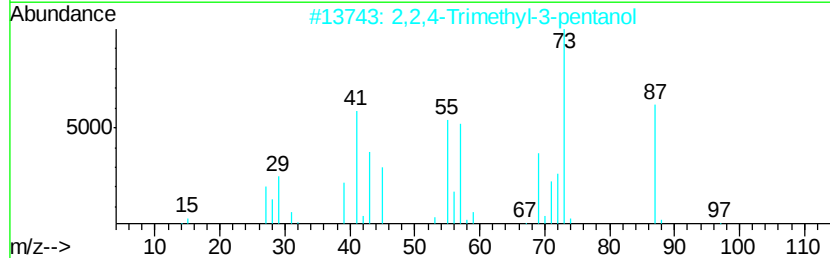
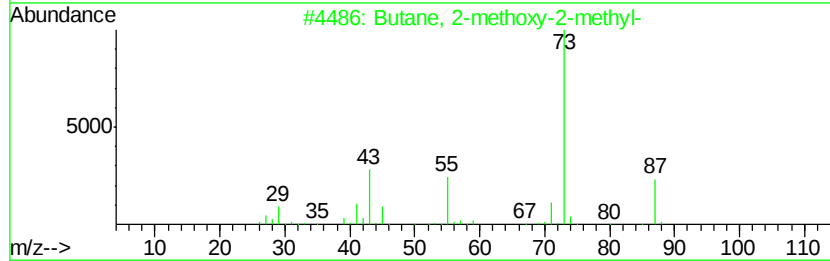
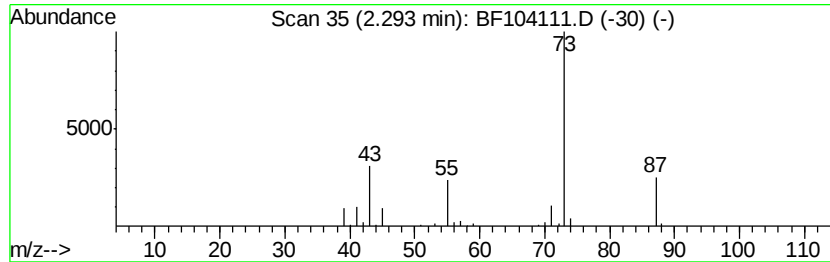
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.69 ng	95861	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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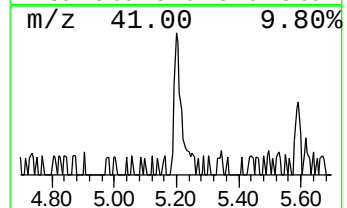
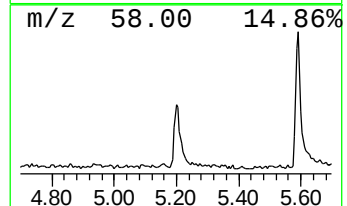
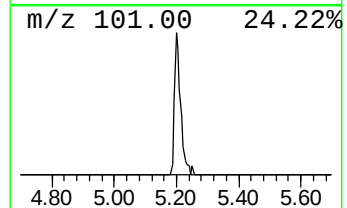
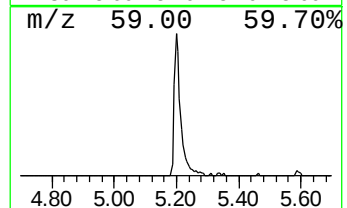
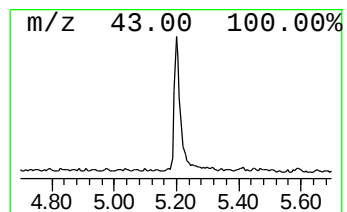
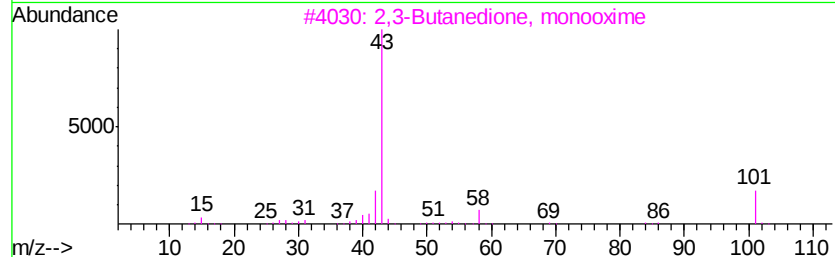
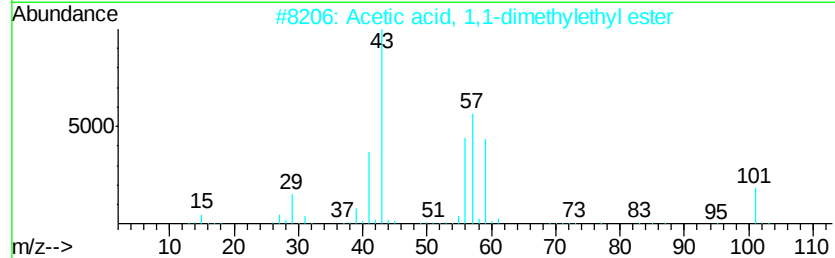
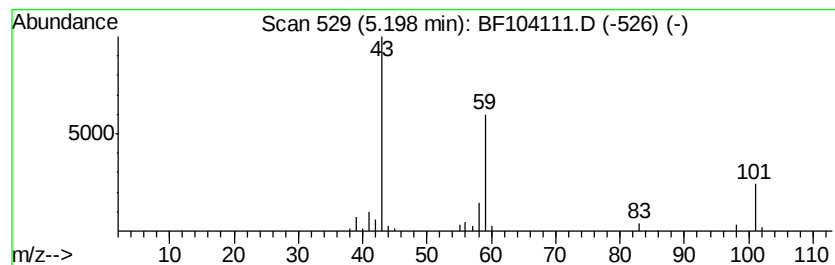
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.64 ng	94699	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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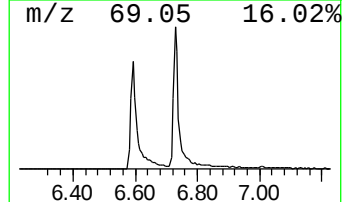
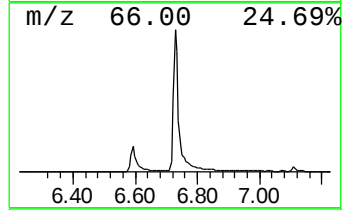
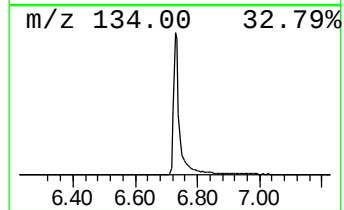
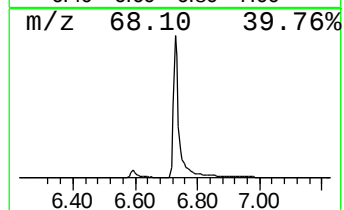
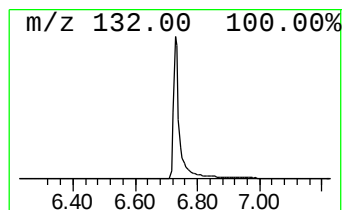
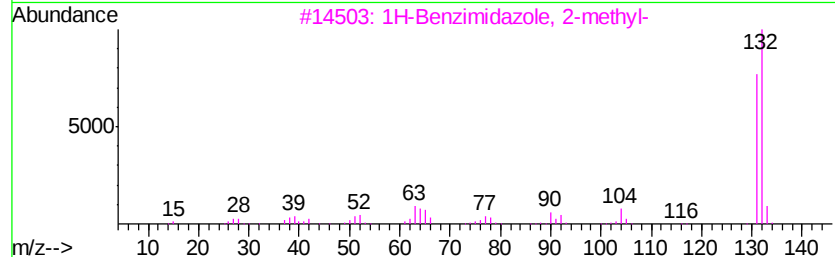
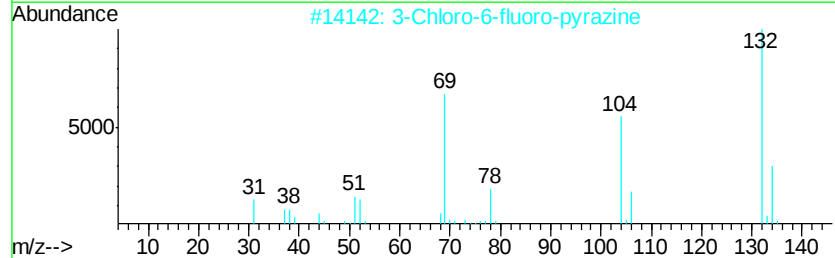
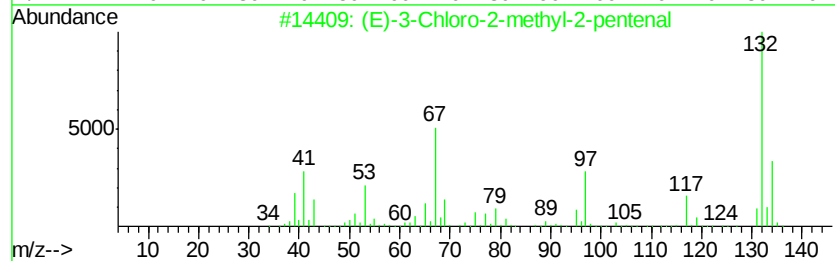
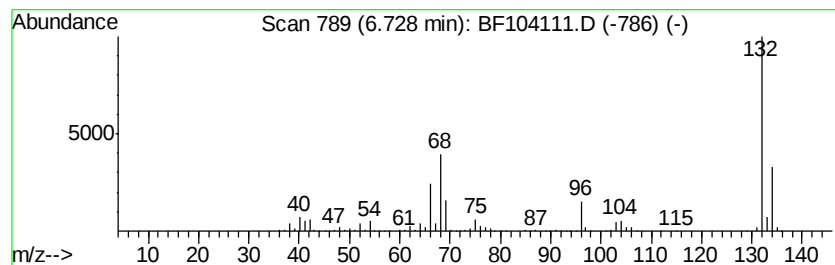
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	100.70 ng	2618210	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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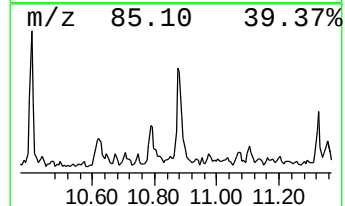
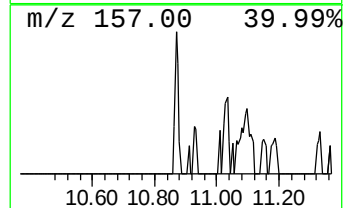
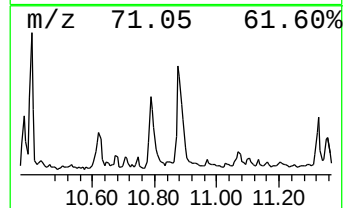
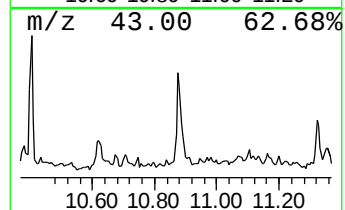
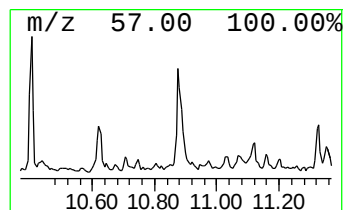
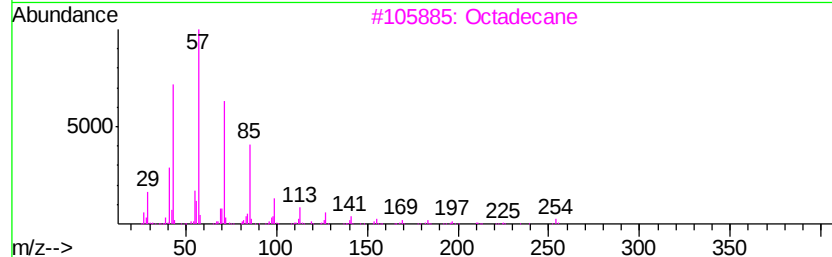
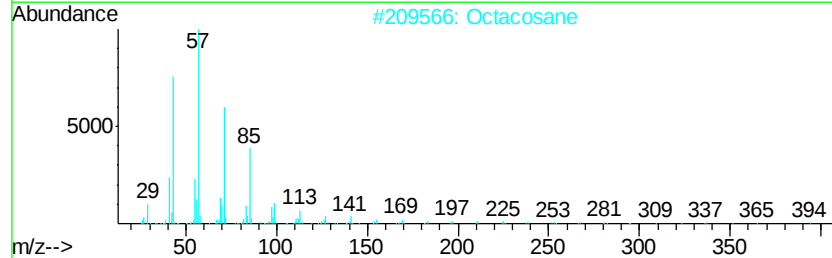
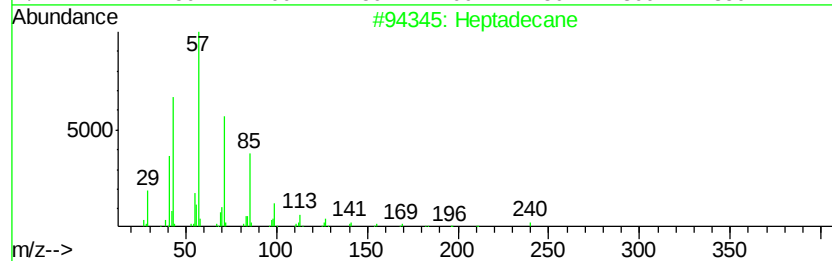
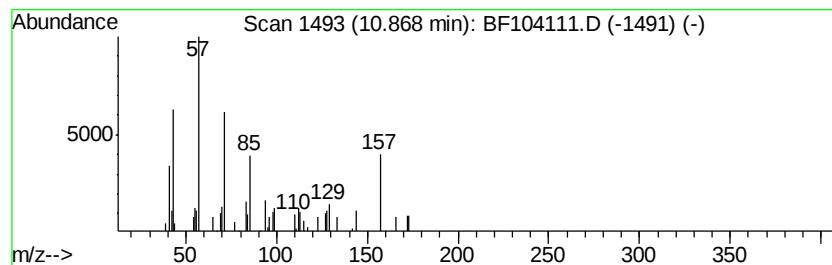
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Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.87	3.08 ng	132675	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Octacosane	394	C28H58	000630-02-4	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane	226	C16H34	000544-76-3	72



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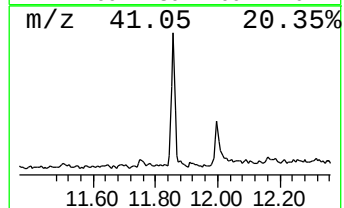
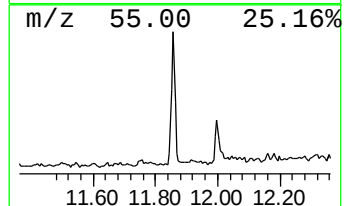
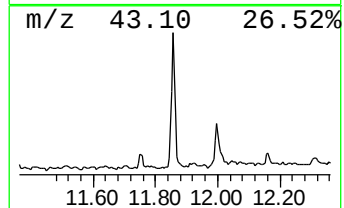
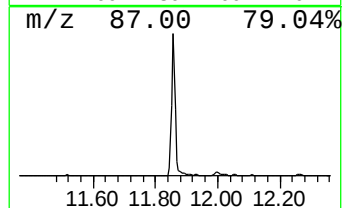
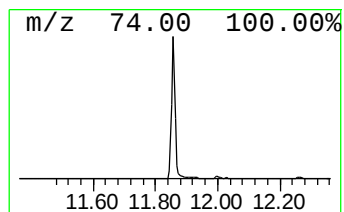
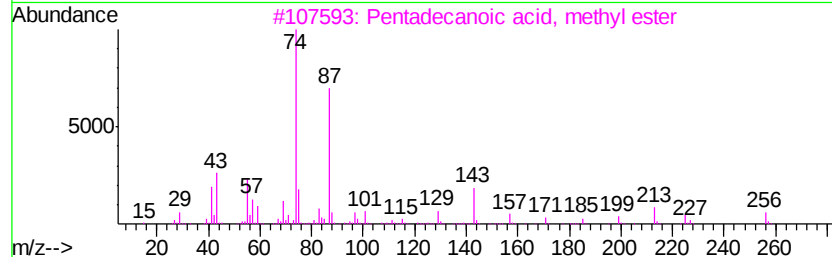
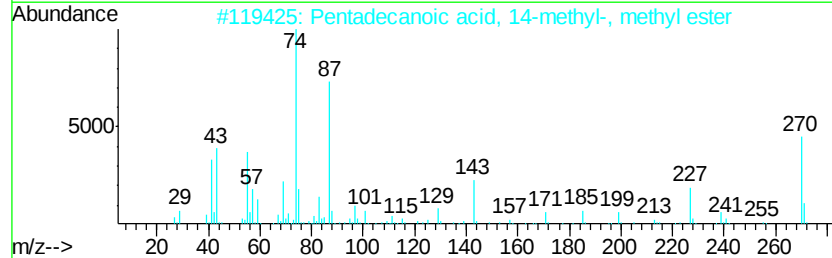
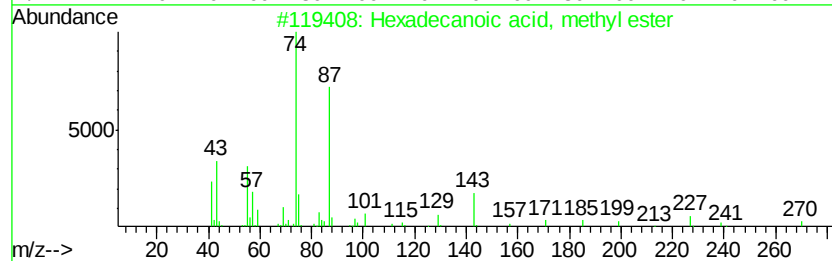
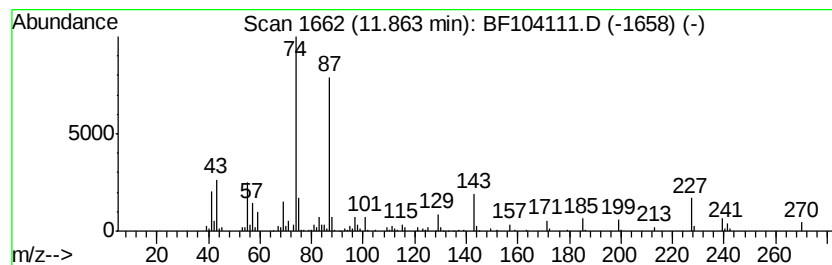
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	8.08 ng	348460	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	89
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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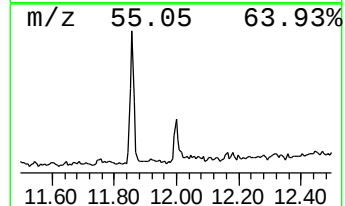
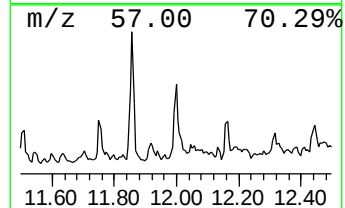
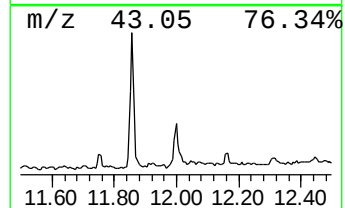
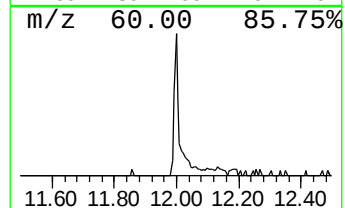
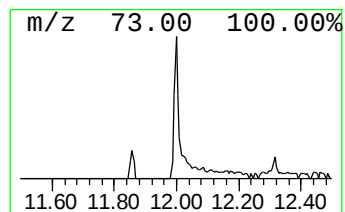
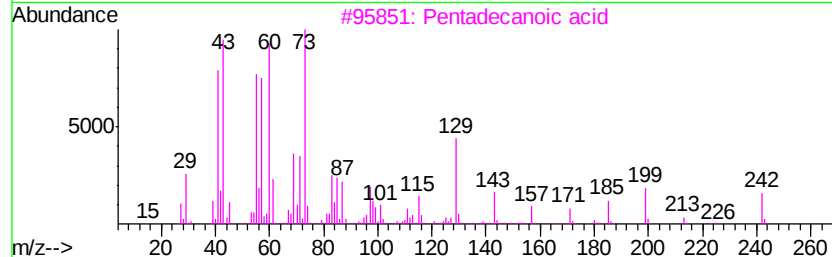
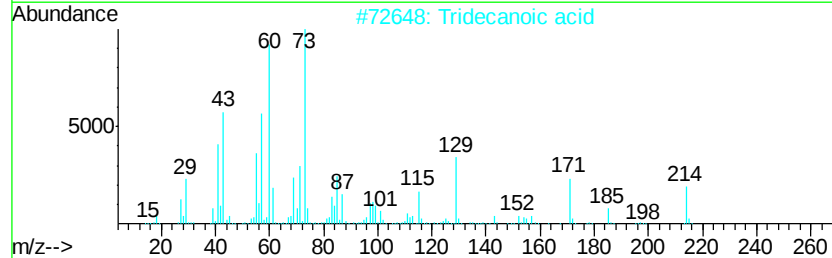
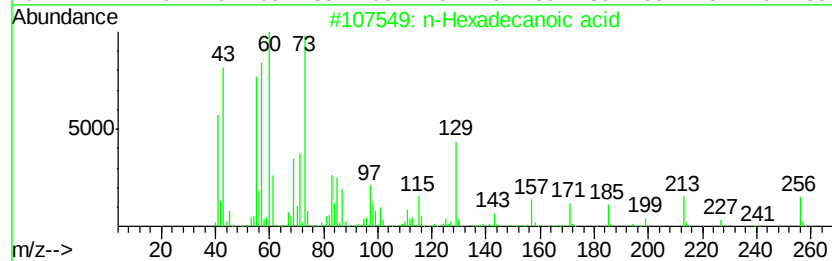
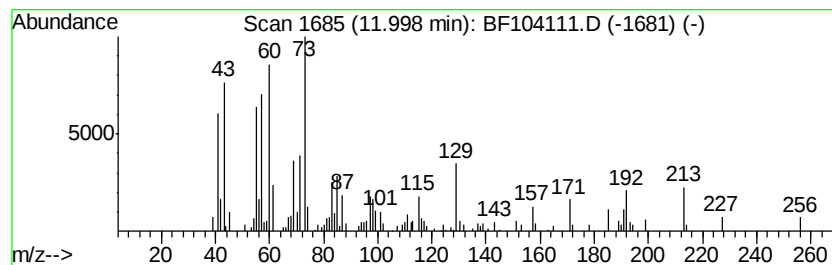
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.13 ng	135022	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2-COMP

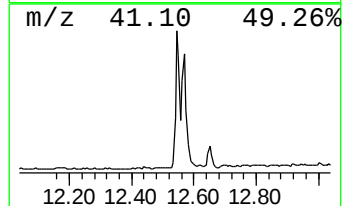
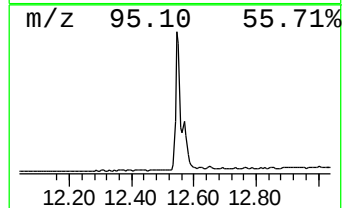
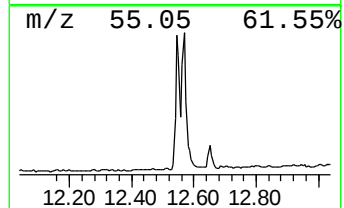
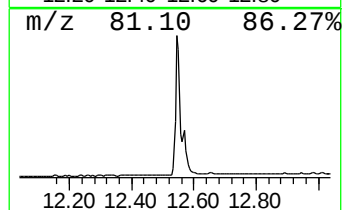
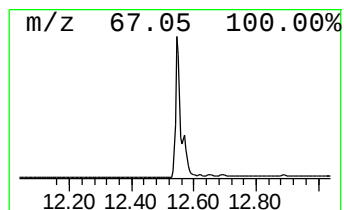
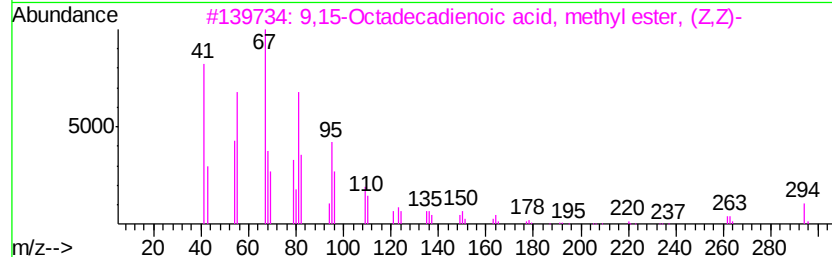
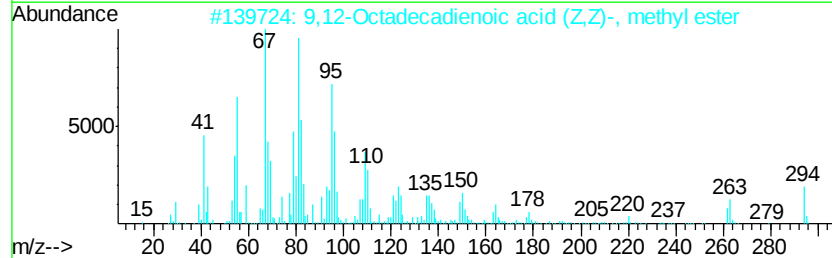
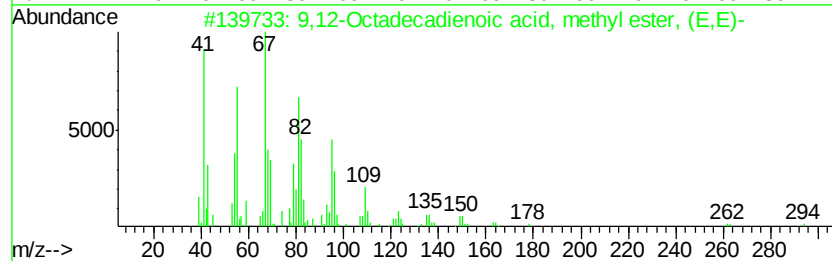
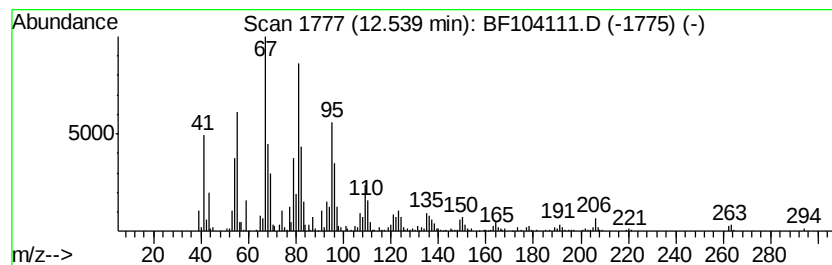
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	31.07 ng	1340110	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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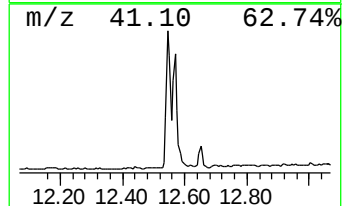
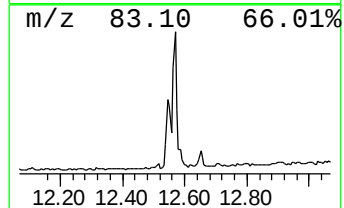
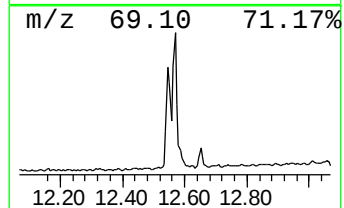
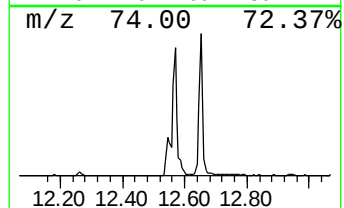
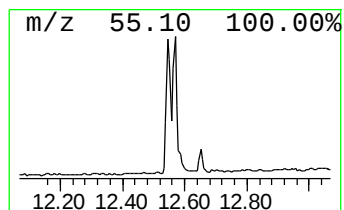
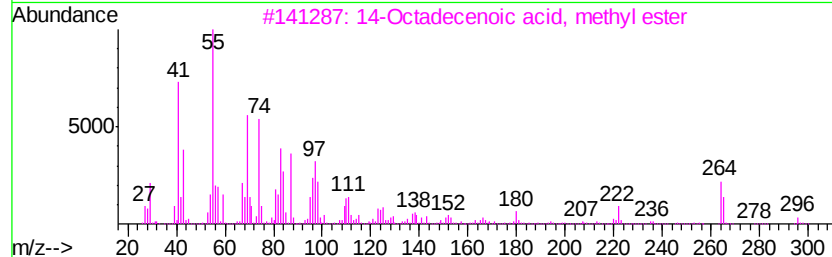
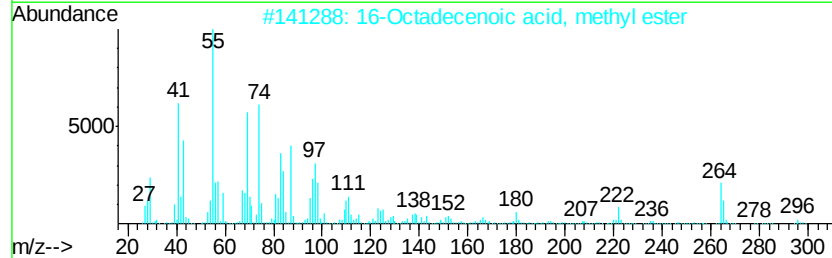
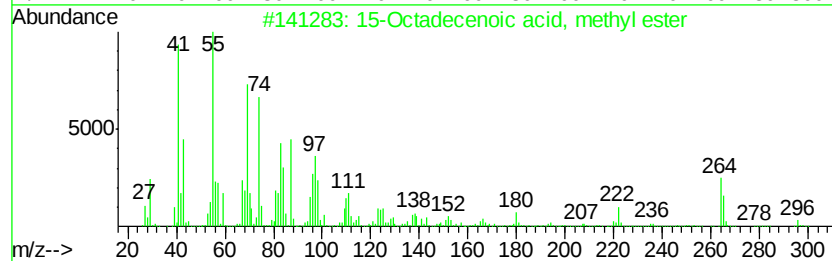
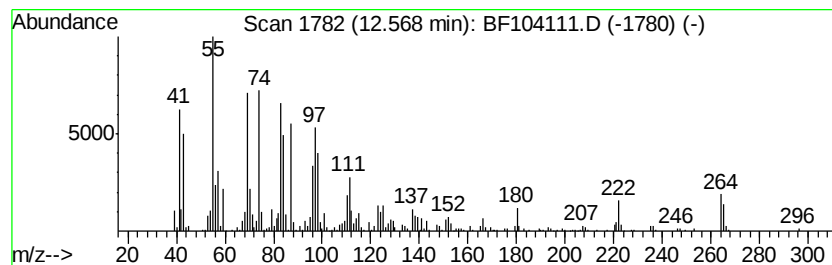
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 15-Octadecenoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	26.29 ng	1134010	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	94
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

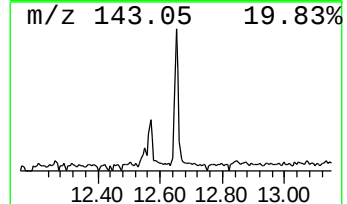
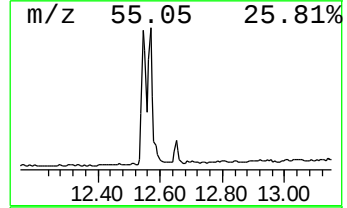
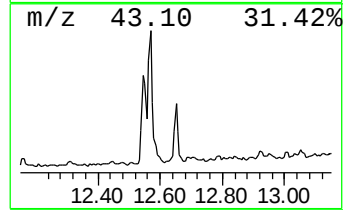
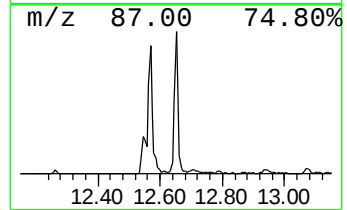
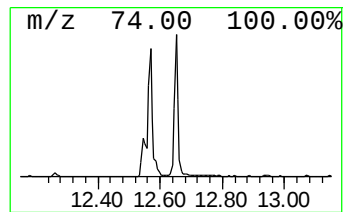
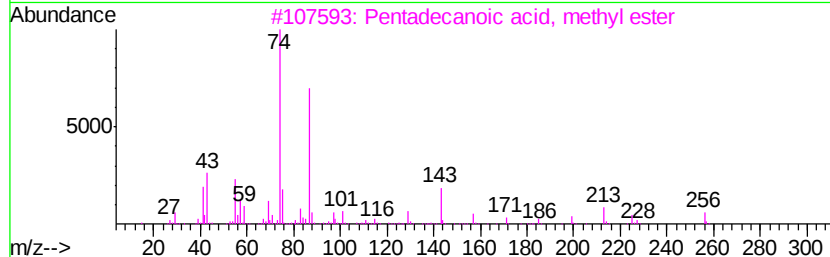
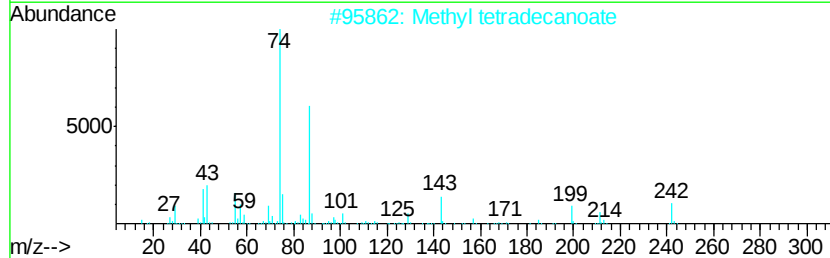
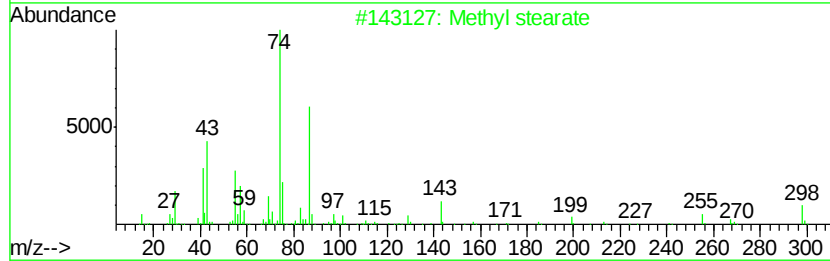
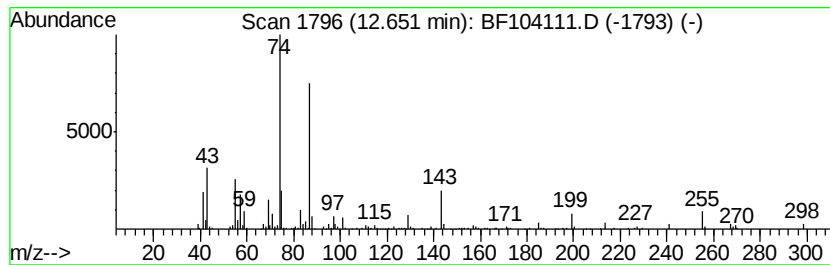
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.02 ng	216439	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Methyl tetradecanoate	242 C15H30O2	000124-10-7 86
3		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 86
4		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 86
5		Hexadecanoic acid, 15-methyl-, m...	284 C18H36O2	006929-04-0 80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2-COMP

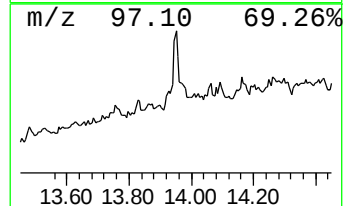
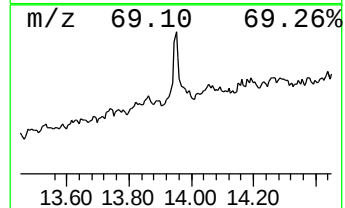
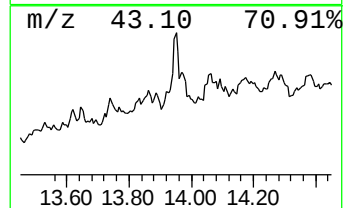
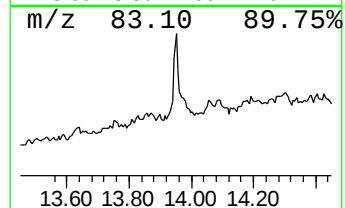
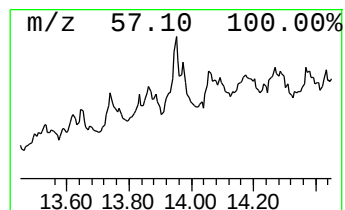
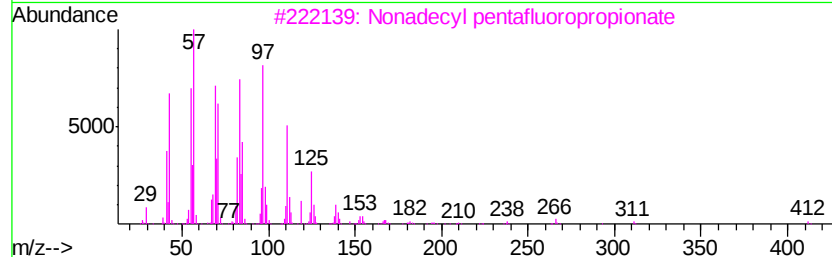
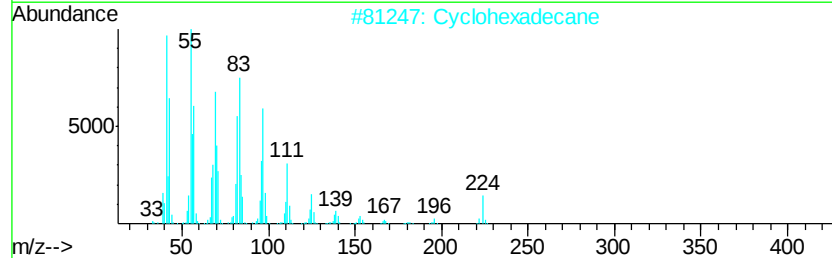
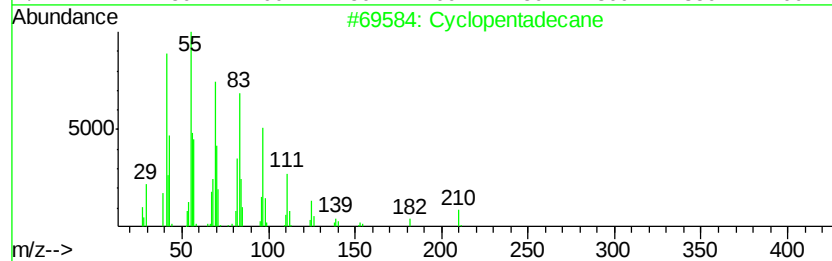
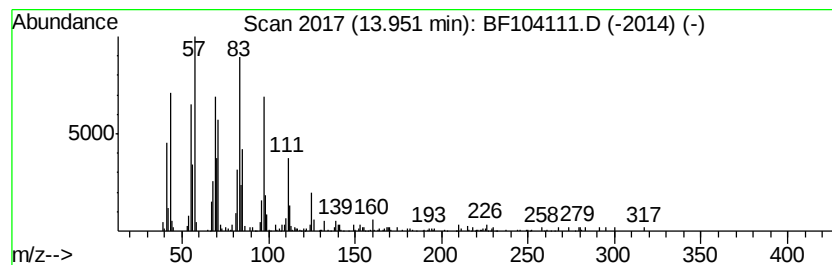
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.65 ng	210759	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	94
2			Cyclohexadecane	224	C16H32	000295-65-8	93
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
Butane, 2-methoxy...	2.29	3.7	ng	95861	1	6.96	520023	20.0
2-Pentanone, 4-hy...	5.20	3.6	ng	94699	1	6.96	520023	20.0
unknown6.73	6.73	100.7	ng	2618210	1	6.96	520023	20.0
Heptadecane	10.87	3.1	ng	132675	4	11.49	862696	20.0
Hexadecanoic acid...	11.86	8.1	ng	348460	4	11.49	862696	20.0
n-Hexadecanoic acid	12.00	3.1	ng	135022	4	11.49	862696	20.0
9,12-Octadecadien...	12.54	31.1	ng	1340110	4	11.49	862696	20.0
15-Octadecenoic a...	12.57	26.3	ng	1134010	4	11.49	862696	20.0
Methyl stearate	12.65	5.0	ng	216439	4	11.49	862696	20.0
Cyclopentadecane	13.95	4.7	ng	210759	5	14.14	905585	20.0