

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030818\
 Data File : BF103513.D
 Acq On : 8 Mar 2018 13:48
 Operator : SJ/JU
 Sample : J1810-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHA-WCGW

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-BF022218.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	2.128	3	7	30	rVB	873017	1846778	29.26%	4.004%
2	5.087	507	510	524	rBV	124857	197641	3.13%	0.429%
3	5.487	575	578	601	rBV	1170038	1977437	31.34%	4.288%
4	6.504	747	751	769	rBV	717418	1389481	22.02%	3.013%
5	6.634	769	773	782	rVV	2674666	2903511	46.01%	6.296%
6	6.698	782	784	803	rVB	228510	455349	7.22%	0.987%
7	6.863	808	812	834	rVV	832252	1005587	15.93%	2.180%
8	7.016	834	838	864	rVB	2726403	2850728	45.17%	6.181%
9	7.434	904	909	925	rBV	1910685	2752951	43.62%	5.969%
10	8.145	1026	1030	1048	rBV	959386	1212380	19.21%	2.629%
11	9.222	1208	1213	1222	rBV	3461749	3797384	60.17%	8.234%
12	9.616	1274	1280	1286	rBV2	72346	104357	1.65%	0.226%
13	9.816	1311	1314	1318	rBV	92023	75930	1.20%	0.165%
14	9.904	1325	1329	1340	rBV	1296971	1303994	20.66%	2.827%
15	10.104	1360	1363	1367	rBV	95135	125990	2.00%	0.273%
16	10.316	1394	1399	1402	rBV2	141089	120128	1.90%	0.260%
17	10.698	1460	1464	1477	rBV	1618491	2062122	32.68%	4.471%
18	10.786	1477	1479	1485	rVV	87199	102939	1.63%	0.223%
19	11.051	1520	1524	1533	rBV2	91946	149115	2.36%	0.323%
20	11.398	1579	1583	1595	rBV	1239160	1328841	21.06%	2.881%
21	11.927	1665	1673	1685	rBV	2427249	3879709	61.48%	8.413%
22	12.192	1695	1718	1736	rVB	1018929	6310601	100.00%	13.684%
23	12.622	1785	1791	1798	rBV2	191605	395506	6.27%	0.858%
24	12.710	1799	1806	1820	rVV	2010732	2970628	47.07%	6.441%
25	12.986	1848	1853	1856	rBV	2957853	3132515	49.64%	6.792%
26	13.857	1998	2001	2007	rBV	374749	443959	7.04%	0.963%
27	13.933	2007	2014	2018	rVV3	92176	177655	2.82%	0.385%
28	14.051	2030	2034	2045	rBV	953335	1122547	17.79%	2.434%
29	14.539	2112	2117	2122	rVB	91329	143339	2.27%	0.311%
30	14.792	2158	2160	2170	rVV5	39670	64582	1.02%	0.140%
31	14.868	2170	2173	2176	rVV	157204	167111	2.65%	0.362%
32	14.910	2176	2180	2195	rVB5	98986	254714	4.04%	0.552%
33	15.110	2209	2214	2221	rBV3	60052	137478	2.18%	0.298%
34	15.557	2285	2290	2309	rVB	599899	1084696	17.19%	2.352%

LSC Area Percent Report

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ClientSampleId :
MHA-WCGW

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 >
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35	19.451	2947	2952	2955	rBV6	34805	70619	1.12%	0.153%
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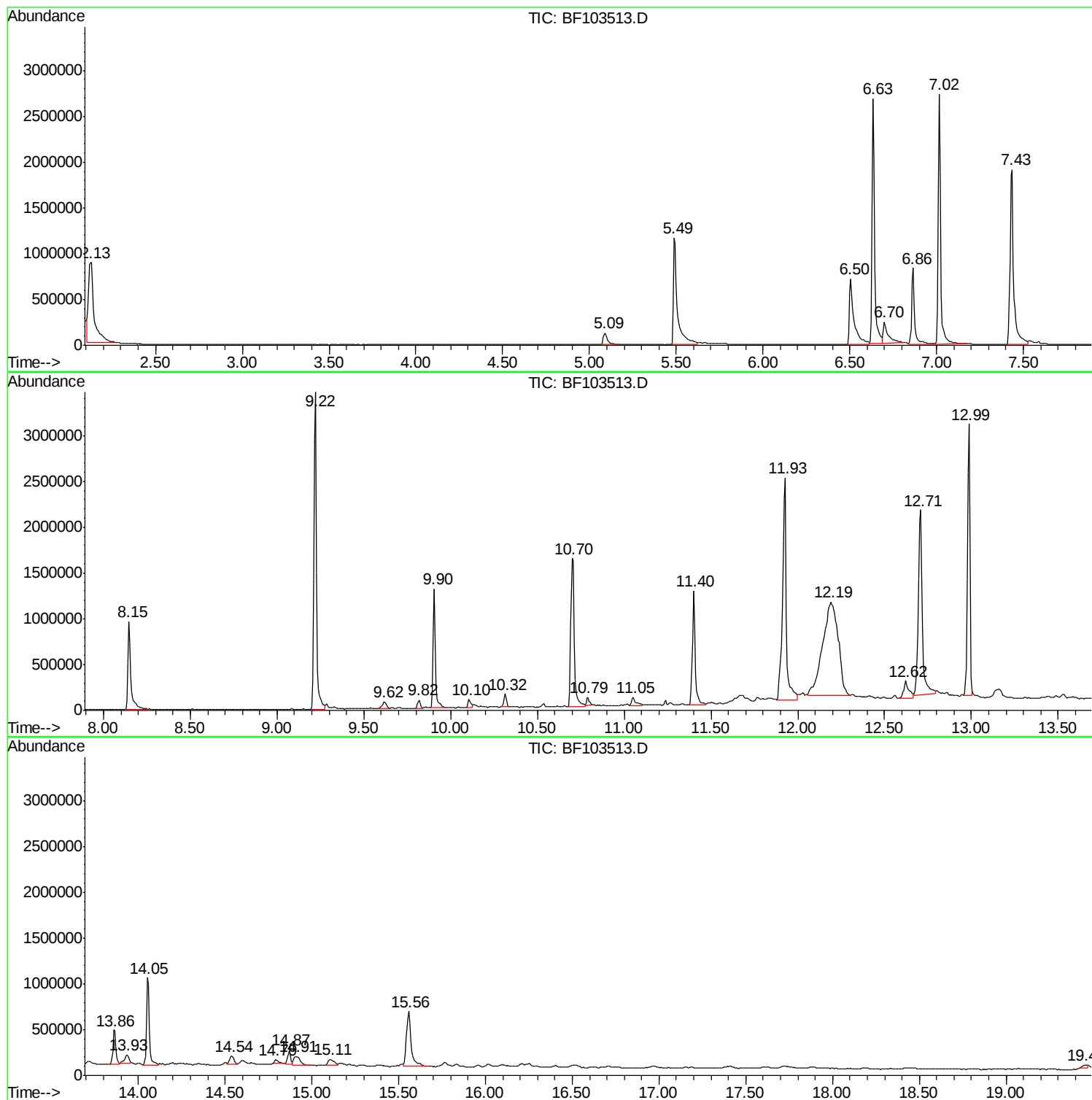
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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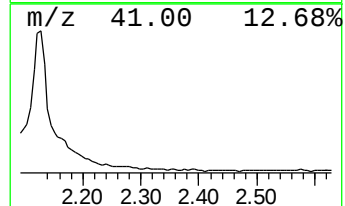
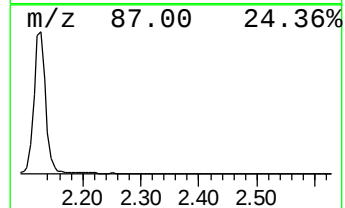
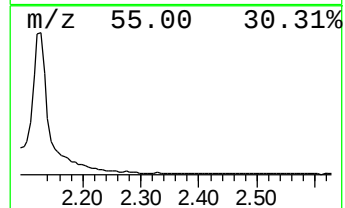
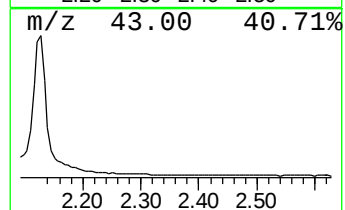
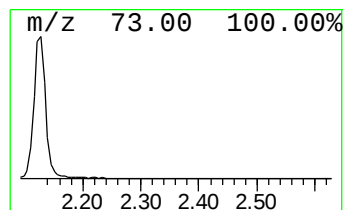
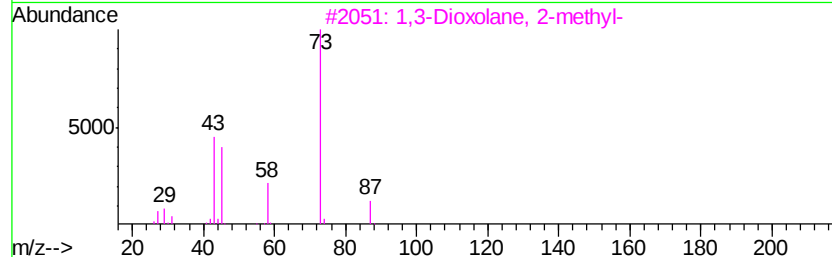
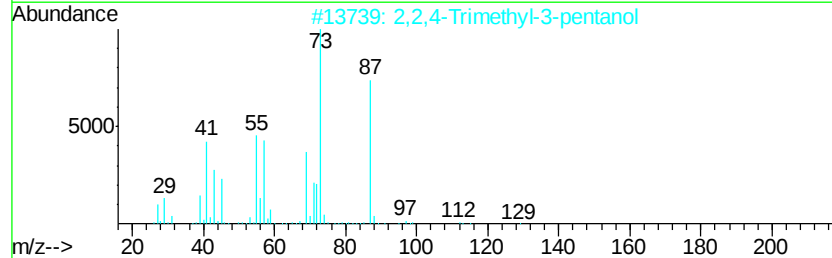
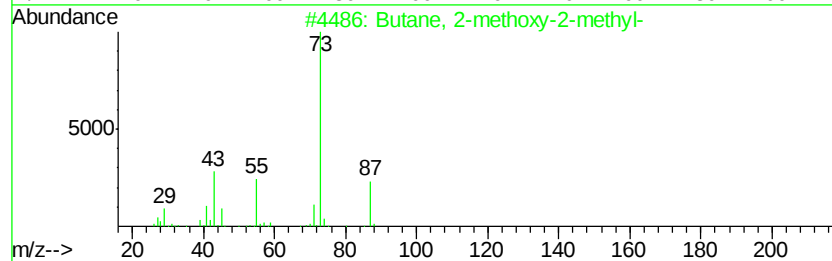
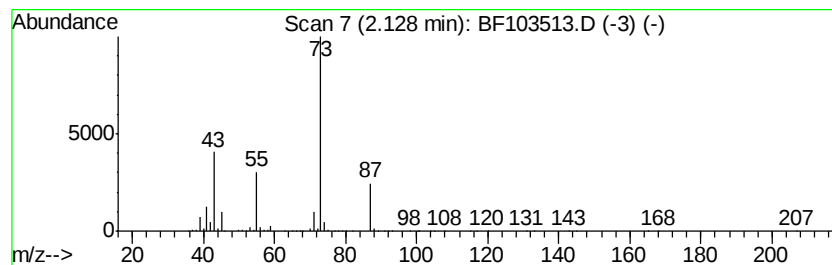
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	36.73 ng	1846780	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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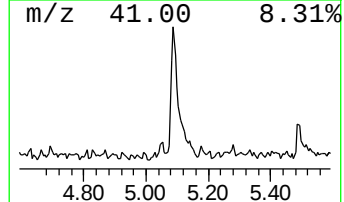
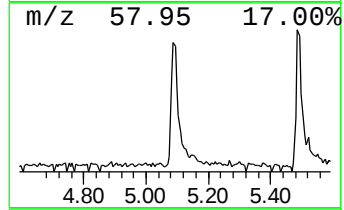
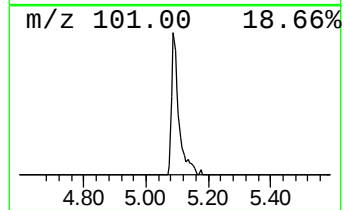
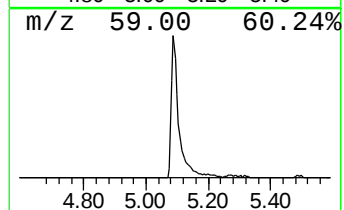
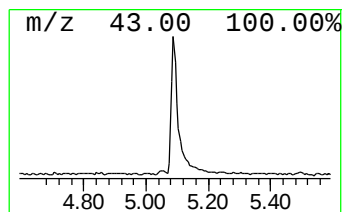
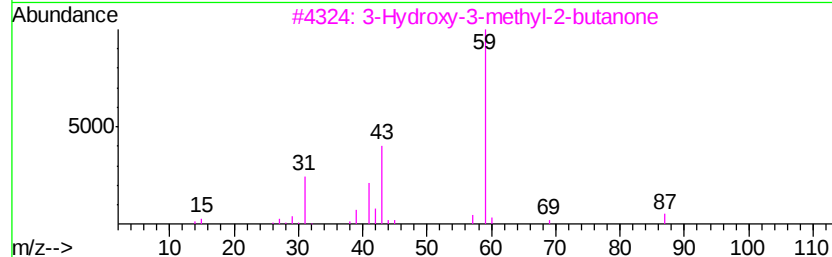
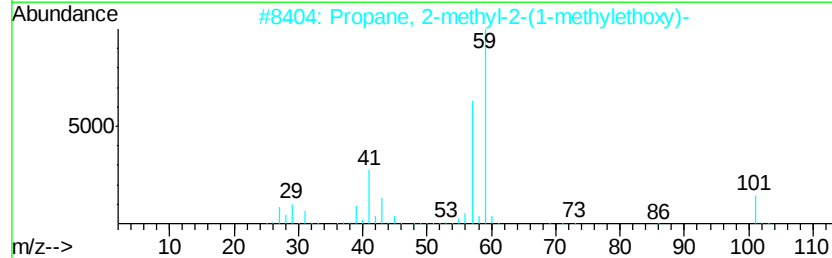
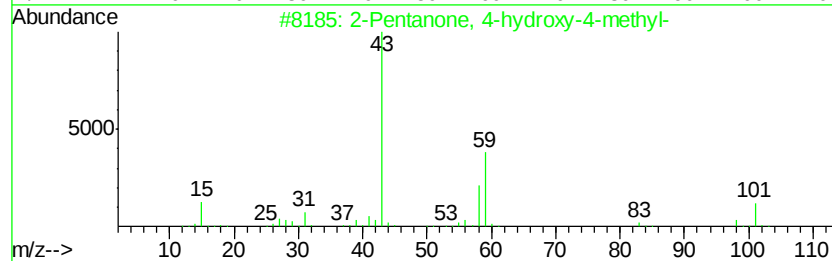
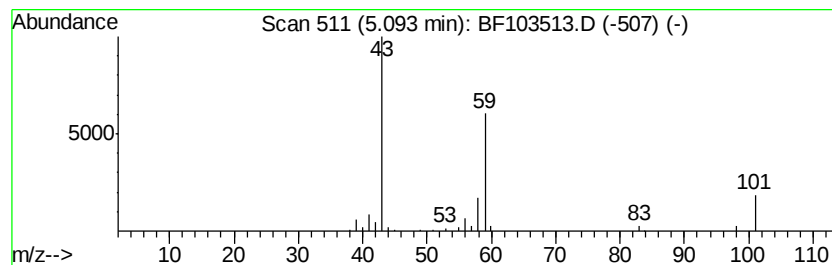
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.93 ng	197641	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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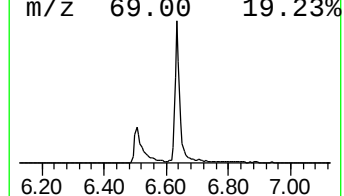
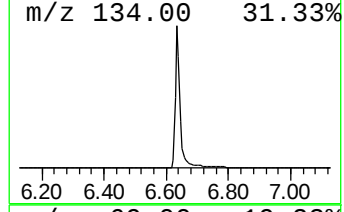
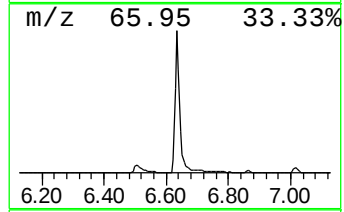
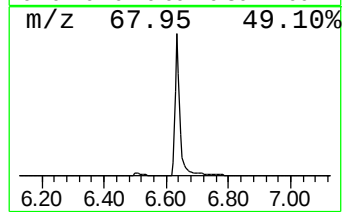
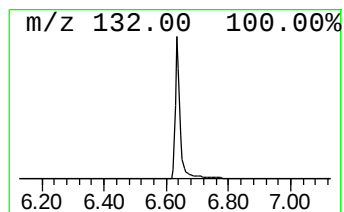
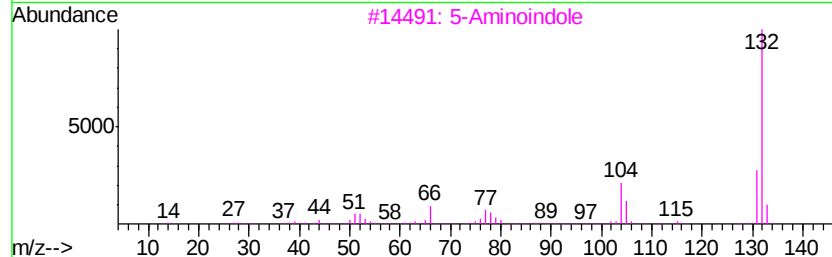
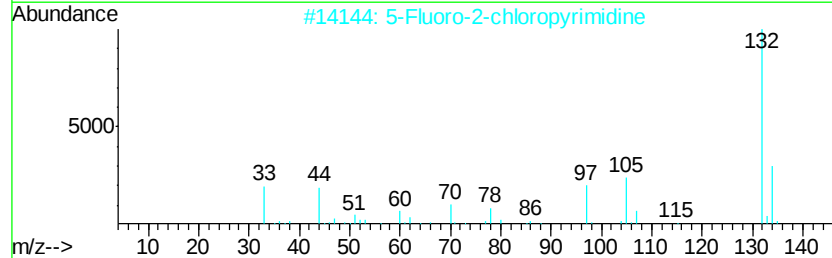
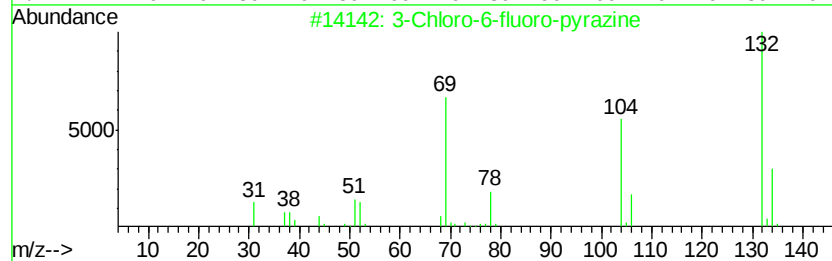
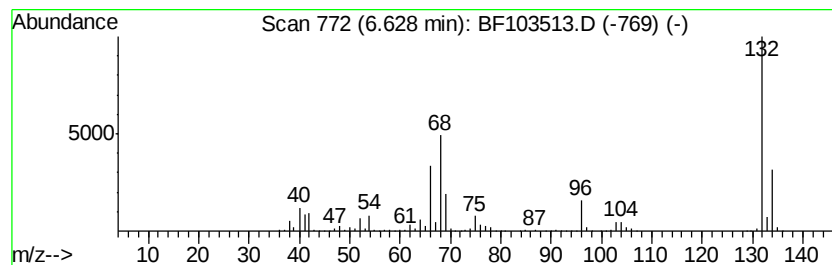
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	57.75 ng	2903510	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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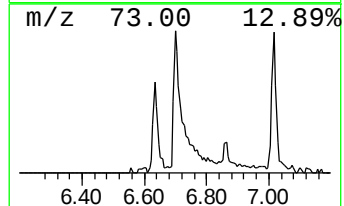
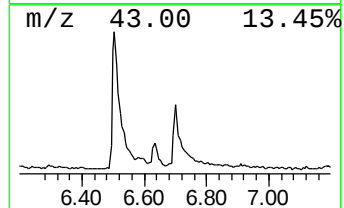
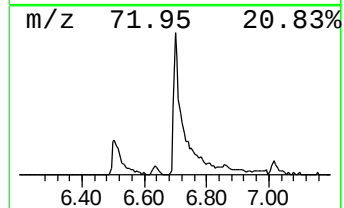
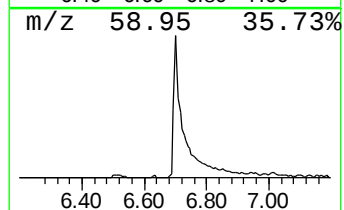
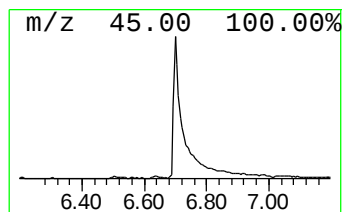
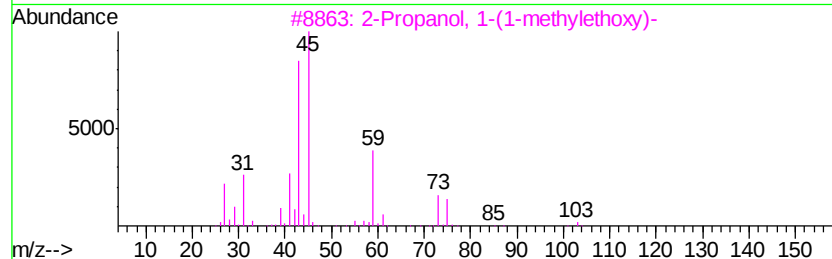
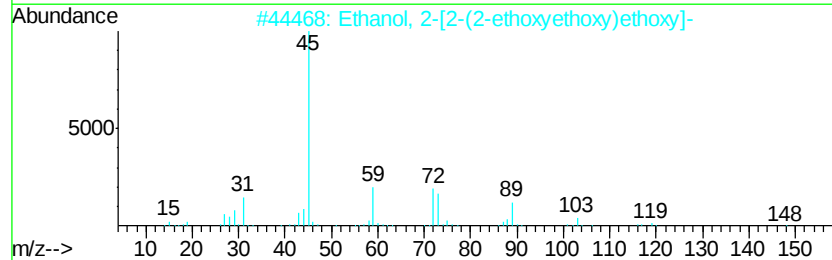
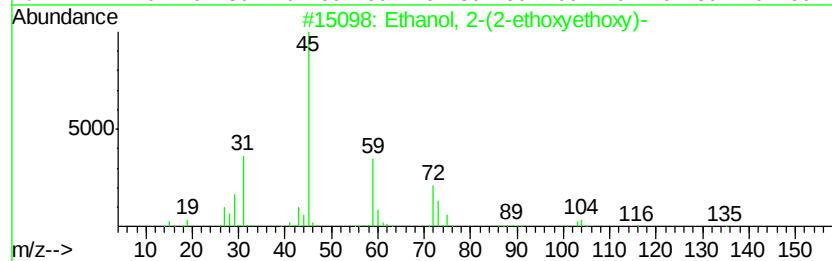
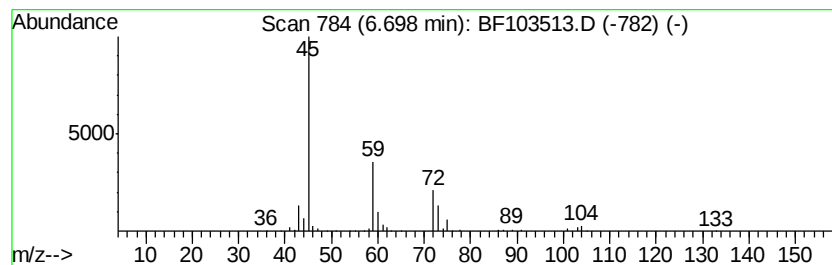
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Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	9.06 ng	455349	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2			Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
3			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4			Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36
5			.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	36



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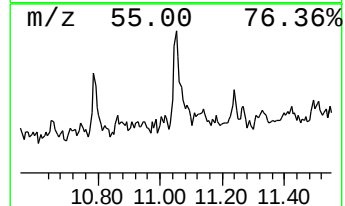
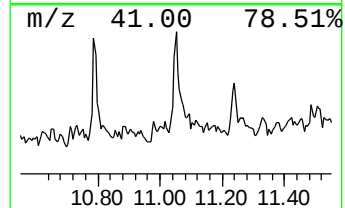
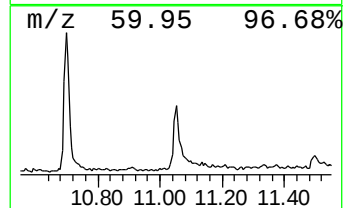
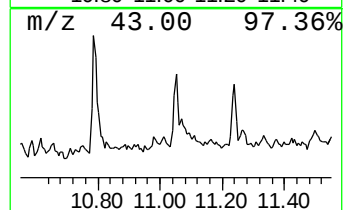
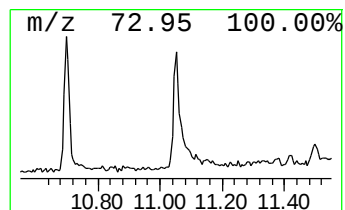
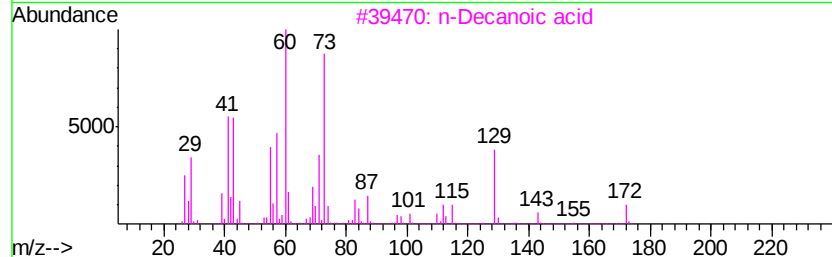
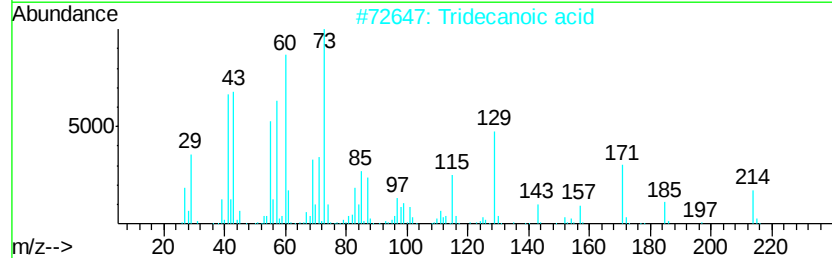
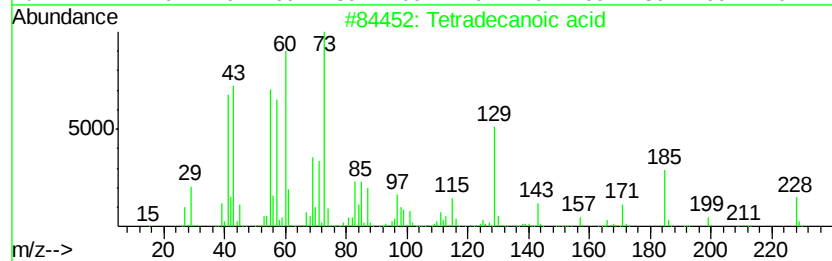
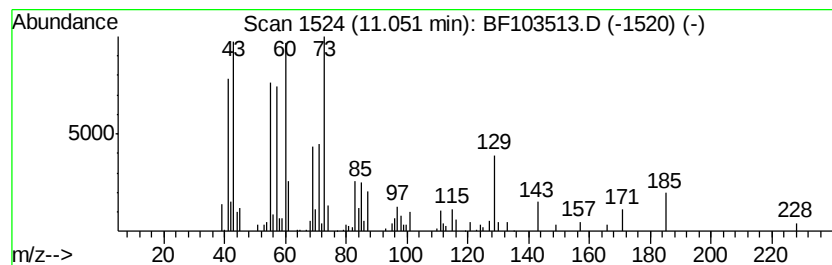
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Peak Number 6 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.24 ng	149115	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanoic acid	228 C14H28O2	000544-63-8 81
2		Tridecanoic acid	214 C13H26O2	000638-53-9 64
3		n-Decanoic acid	172 C10H20O2	000334-48-5 59
4		Undecanoic acid	186 C11H22O2	000112-37-8 47
5		Silver butanoate	194 C4H7AgO2	005076-24-4 38



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Operator : SJ/JU
Sample : J1810-05
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ClientSampleId :
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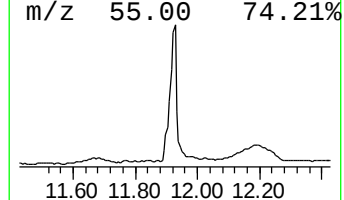
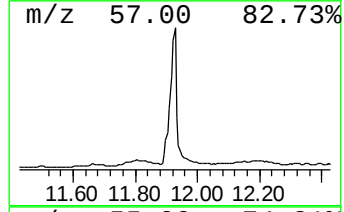
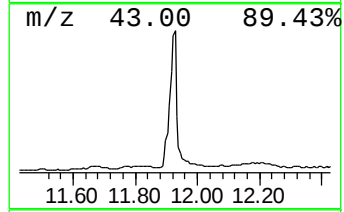
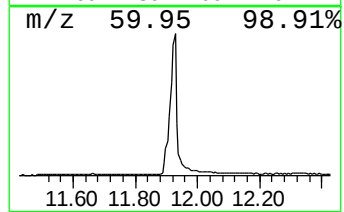
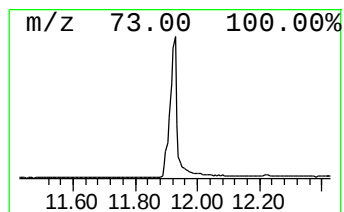
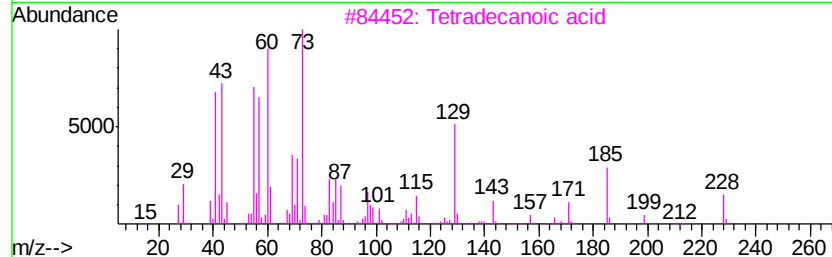
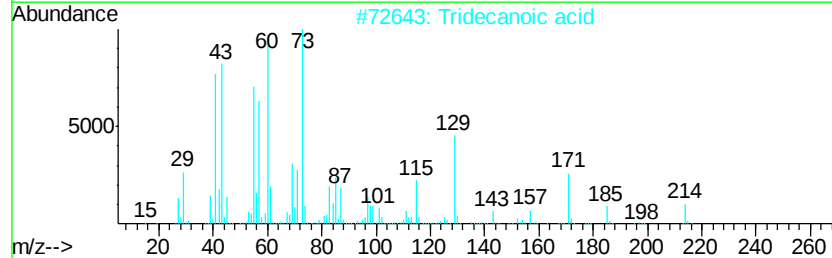
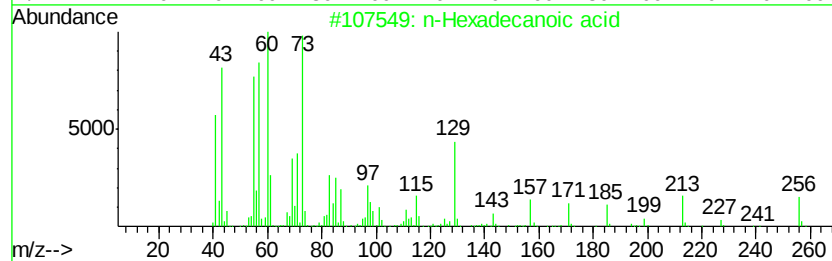
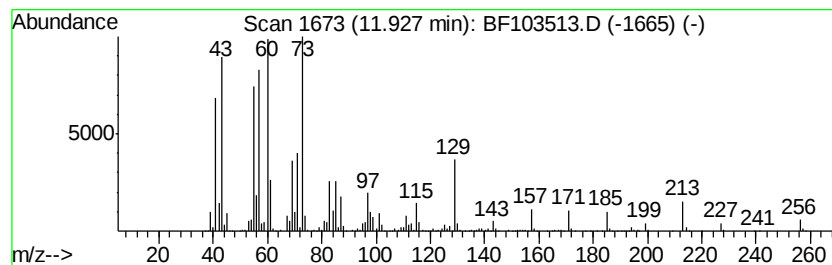
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	58.39 ng	3879710	Phenanthrene-d10	11.40

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	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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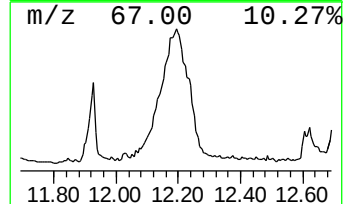
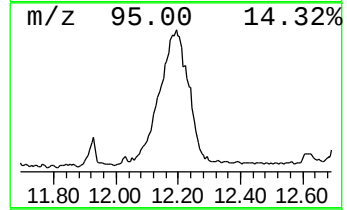
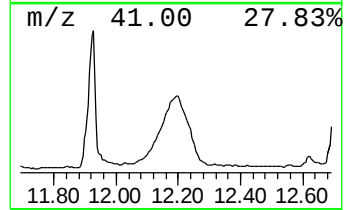
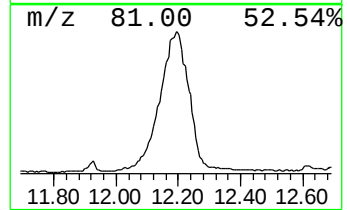
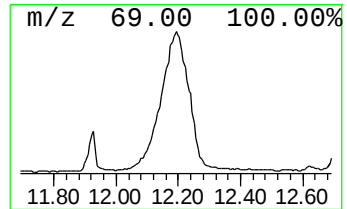
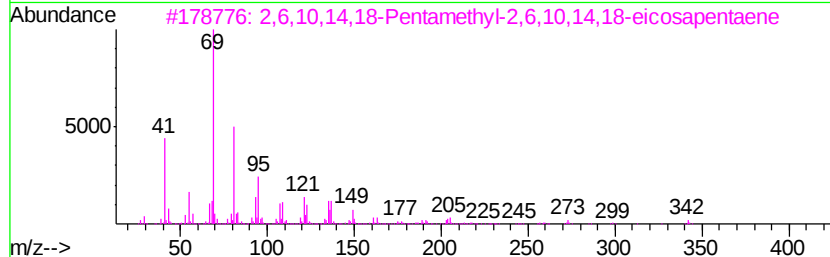
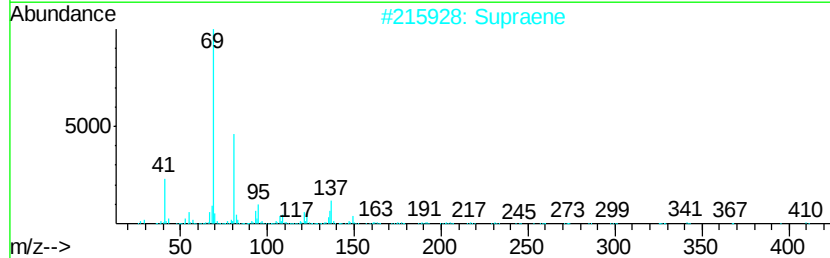
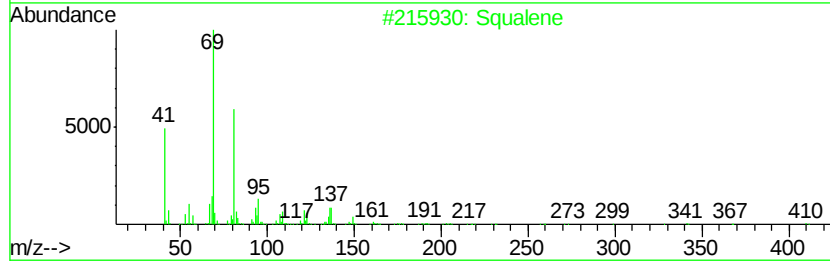
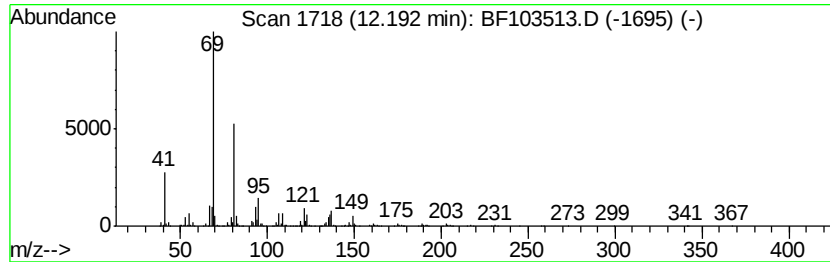
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	94.98 ng	6310600	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5		Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	59



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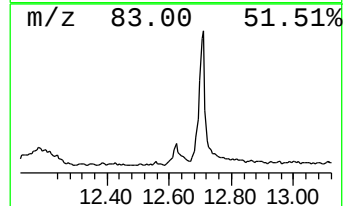
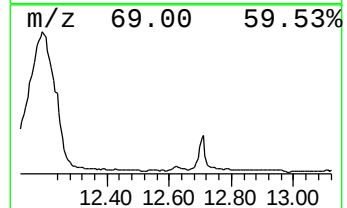
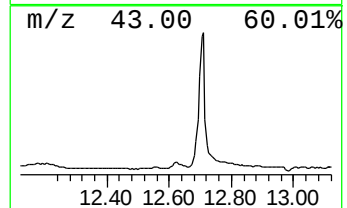
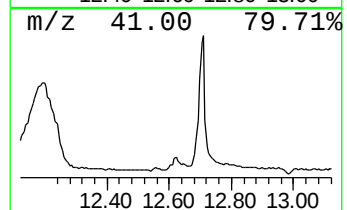
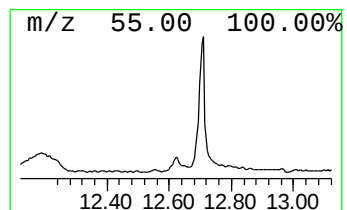
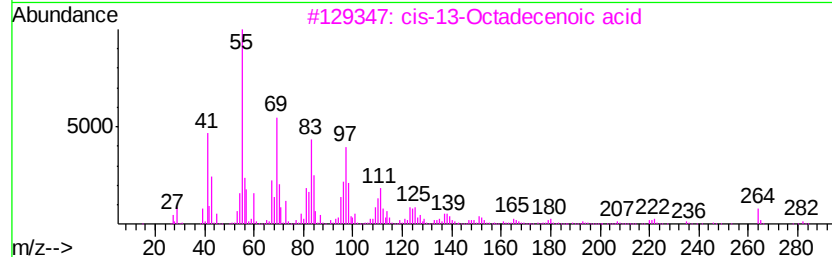
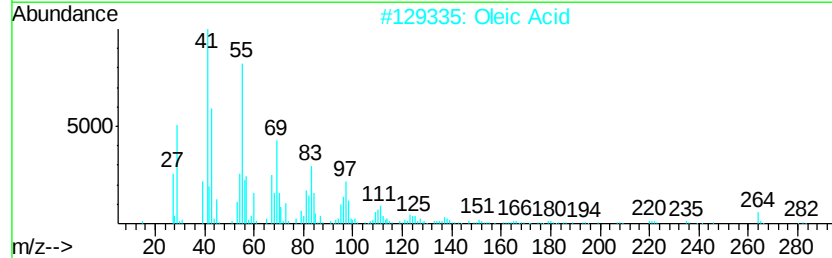
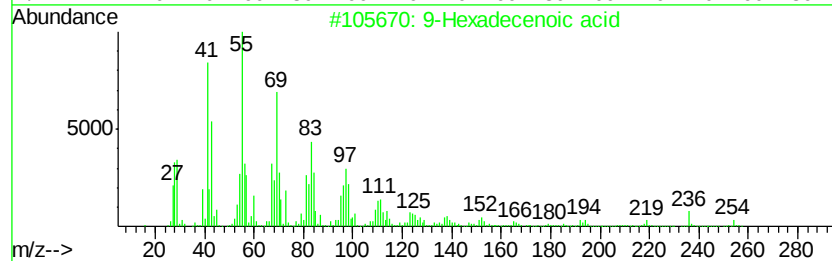
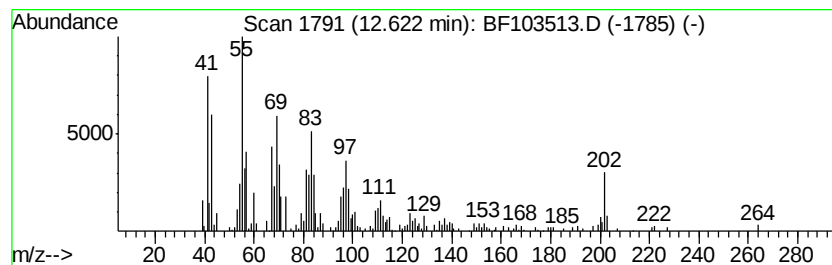
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Hexadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.62	5.95 ng	395506	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81
2	Oleic Acid	282	C18H34O2	000112-80-1	74
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	68
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	68
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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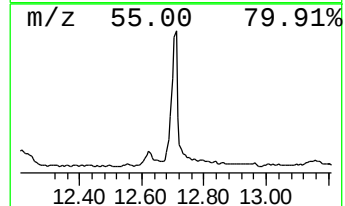
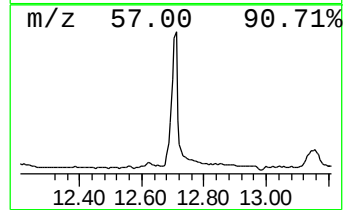
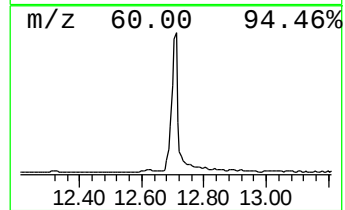
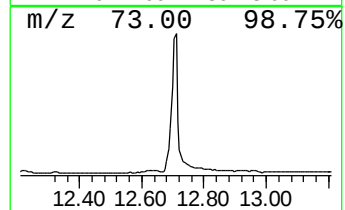
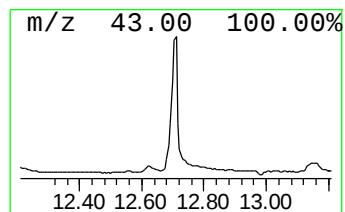
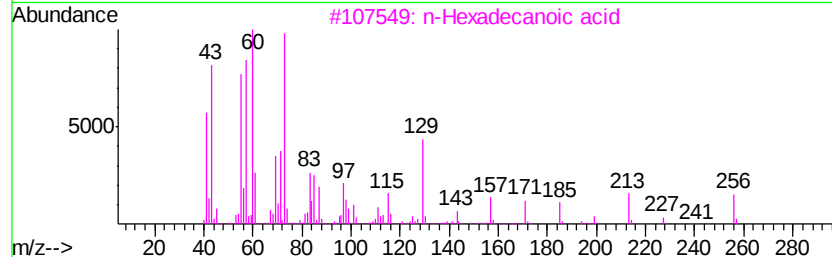
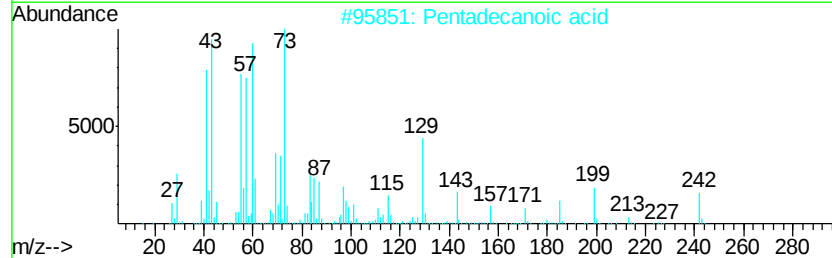
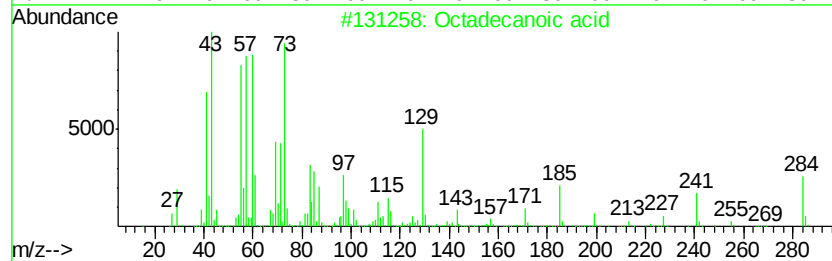
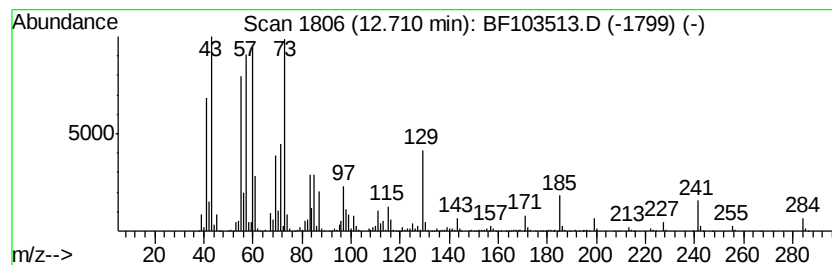
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	44.71 ng	2970630	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Dodecanoic acid	200	C12H24O2	000143-07-7	58



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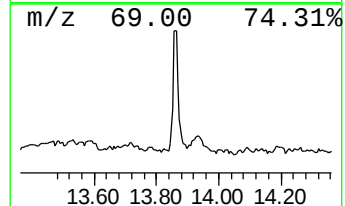
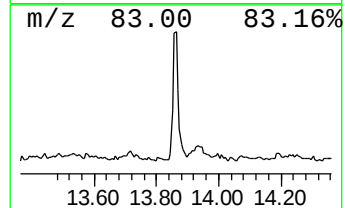
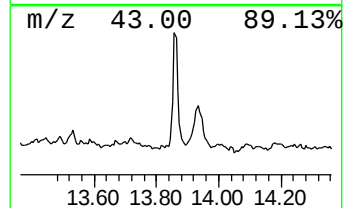
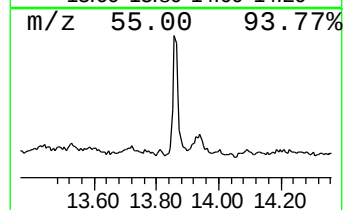
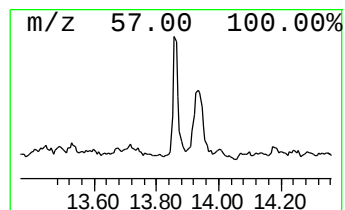
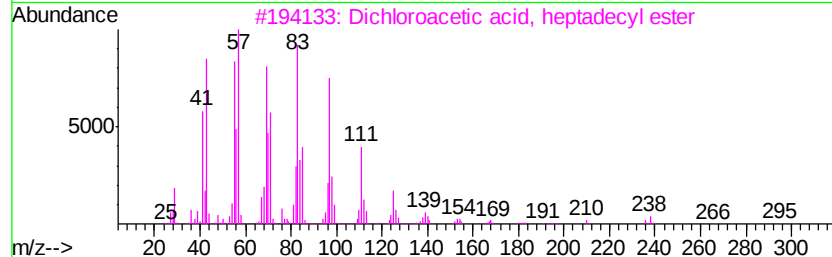
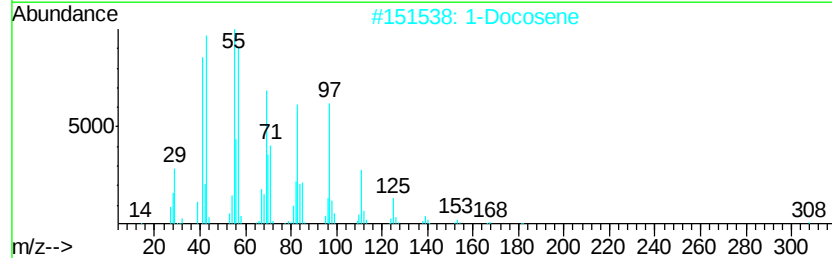
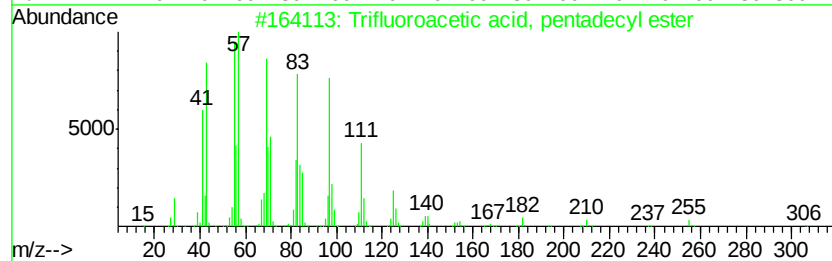
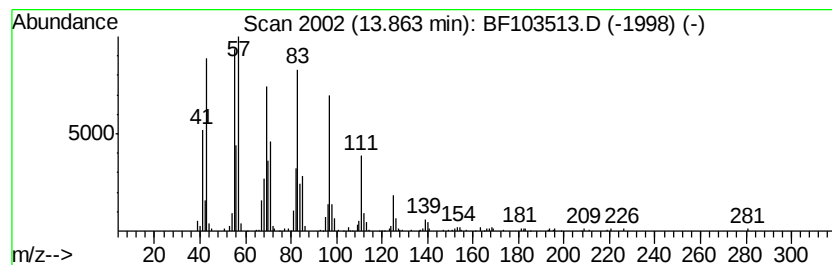
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Trifluoroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.91 ng	443959	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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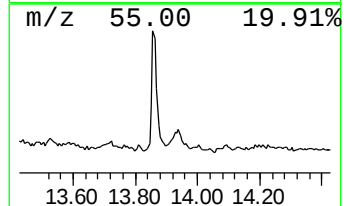
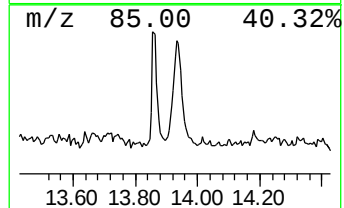
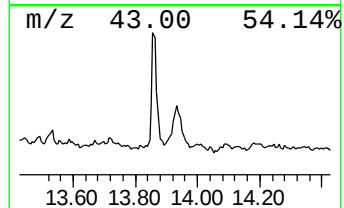
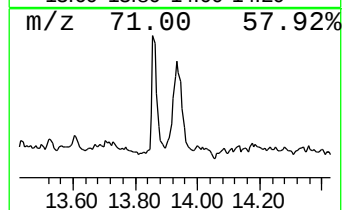
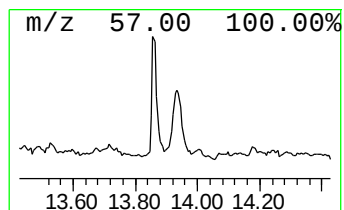
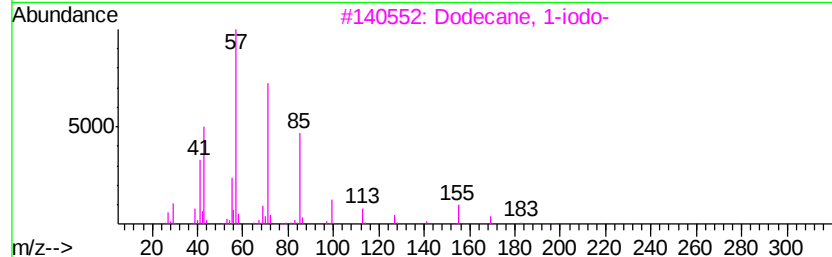
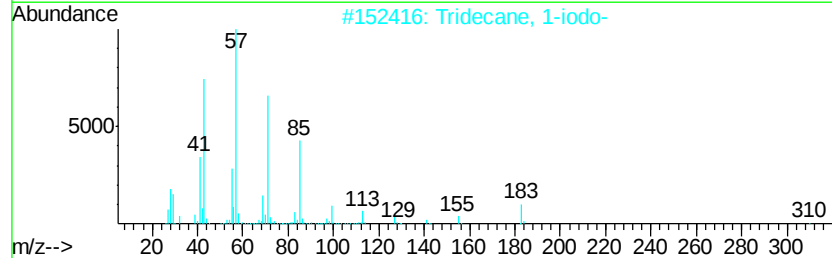
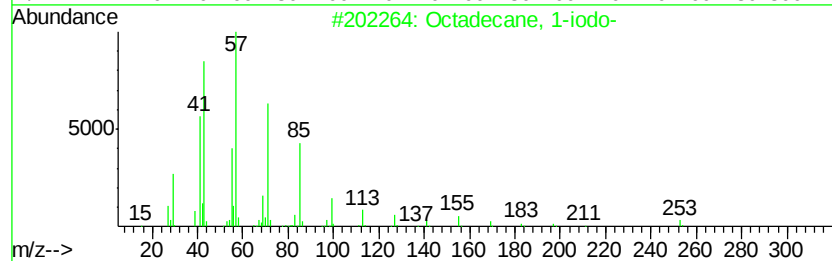
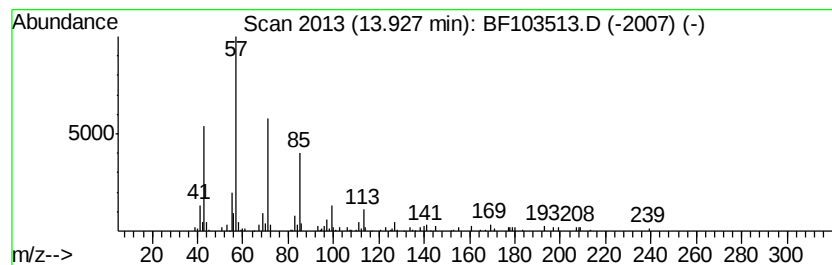
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.17 ng	177655	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Hexadecane	226	C16H34	000544-76-3	78
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72



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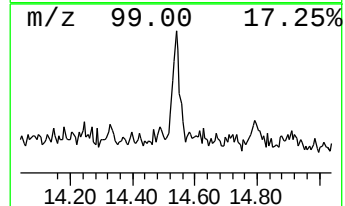
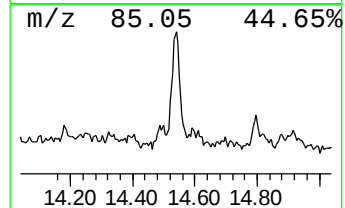
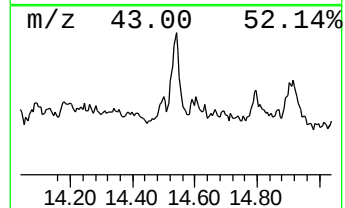
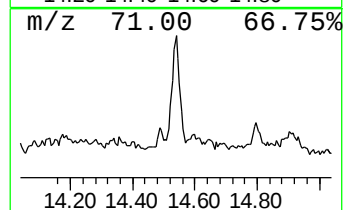
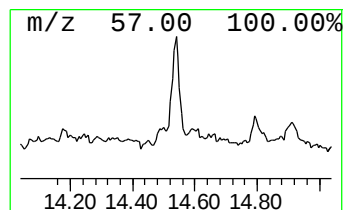
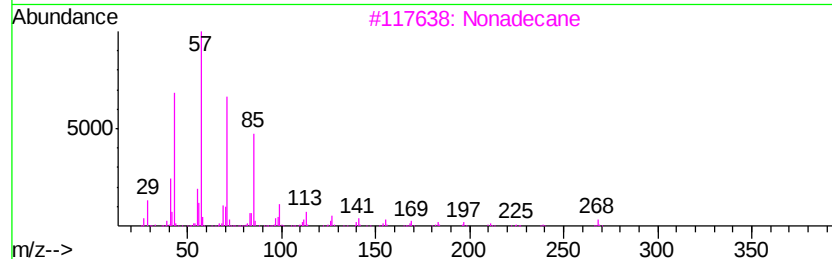
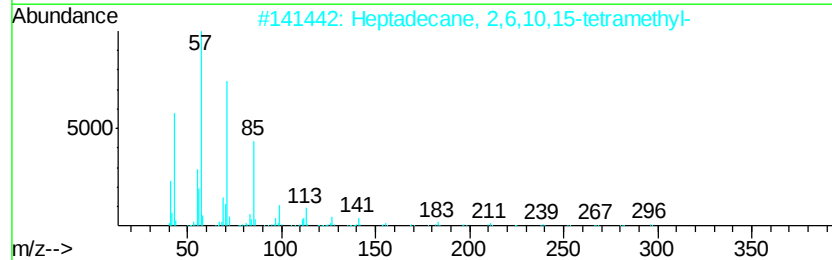
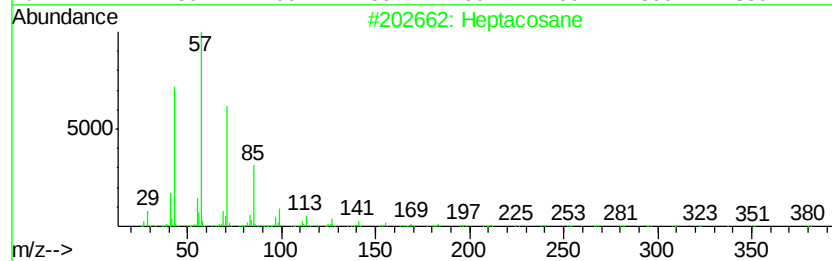
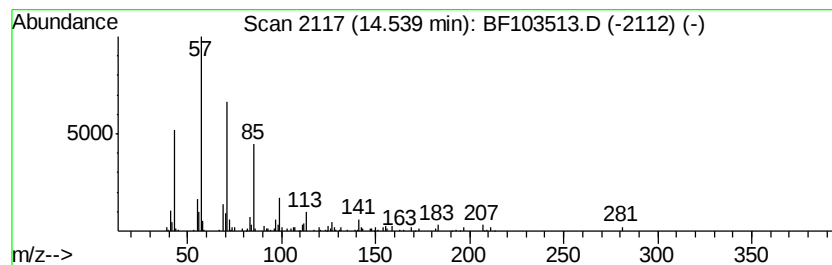
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BNA_F
ClientSampleId :
MHA-WCGW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.54	2.55 ng	143339	Chrysene-d12		14.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	86
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103513.D
Acq On : 8 Mar 2018 13:48
Operator : SJ/JU
Sample : J1810-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA-WCGW

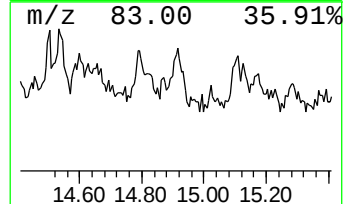
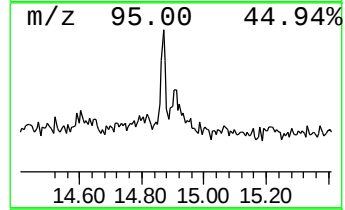
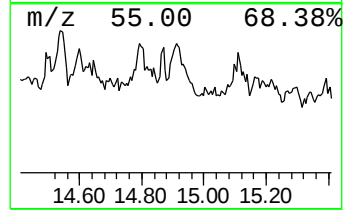
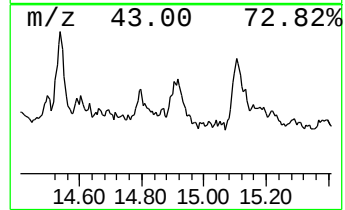
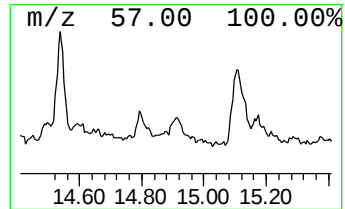
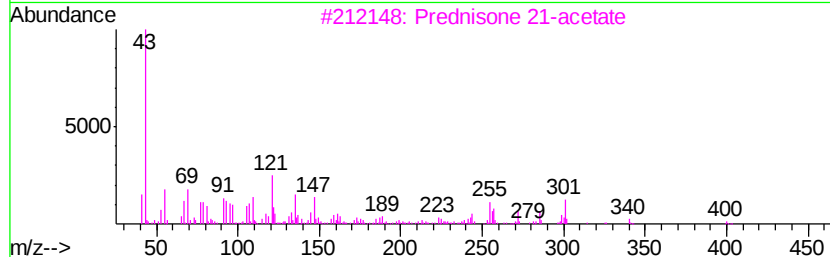
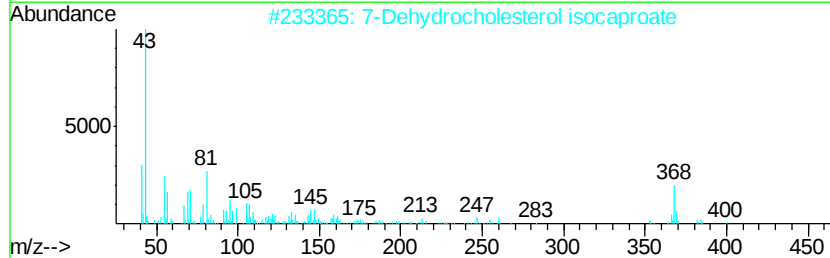
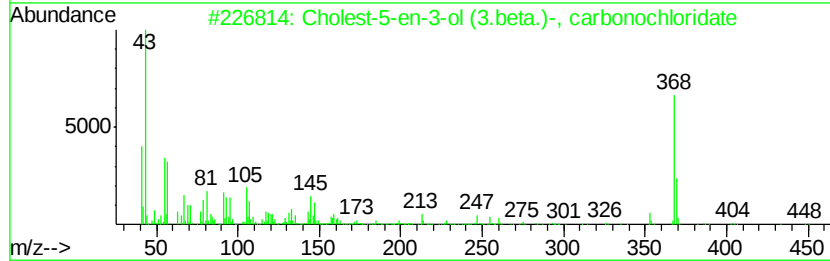
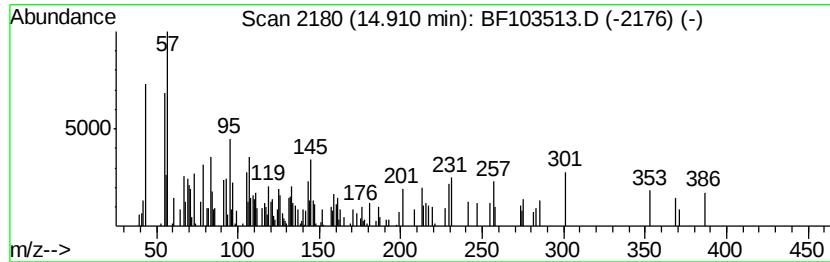
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.91 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.70 ng	254714	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-en-3-ol (3.beta.)-, ca...	448	C28H45ClO2	007144-08-3	27
2		7-Dehydrocholesterol isocaproate	484	C33H56O2	1000252-60-9	22
3		Prednisone 21-acetate	400	C23H28O6	000125-10-0	17
4		3-n-Heptyl-7-methyl-9-(2,6,6-tri...	368	C26H40O	1000216-09-3	15
5		Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	12



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103513.D
Acq On : 8 Mar 2018 13:48
Operator : SJ/JU
Sample : J1810-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA-WCGW

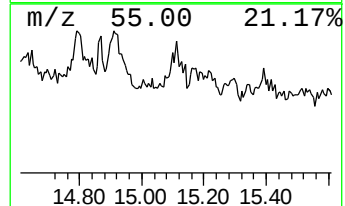
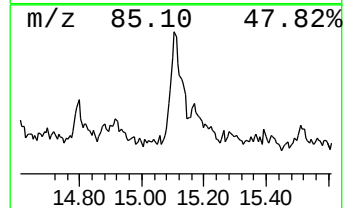
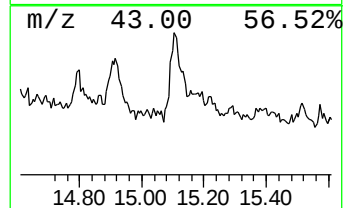
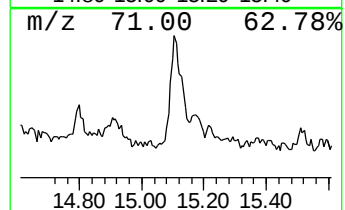
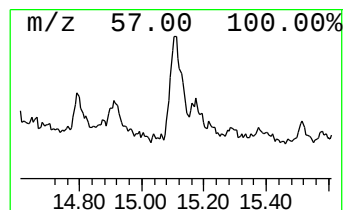
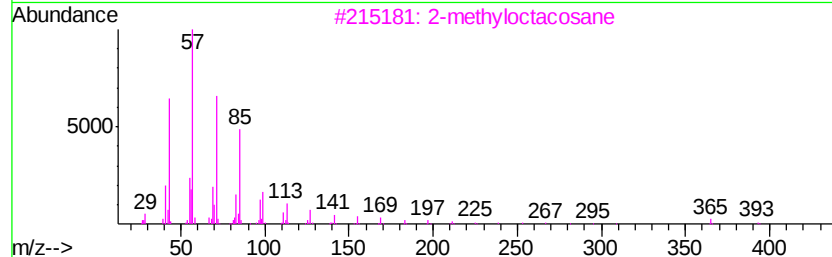
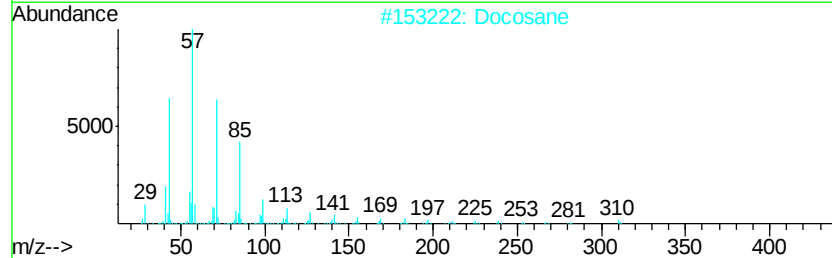
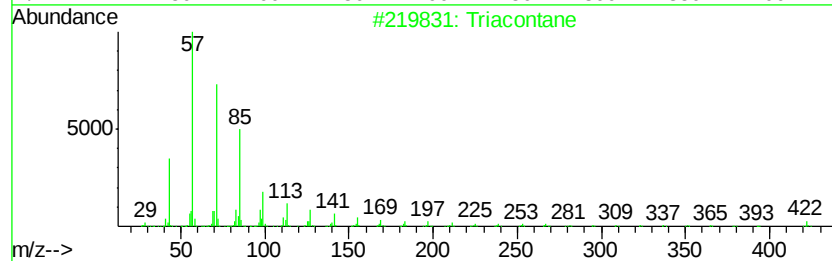
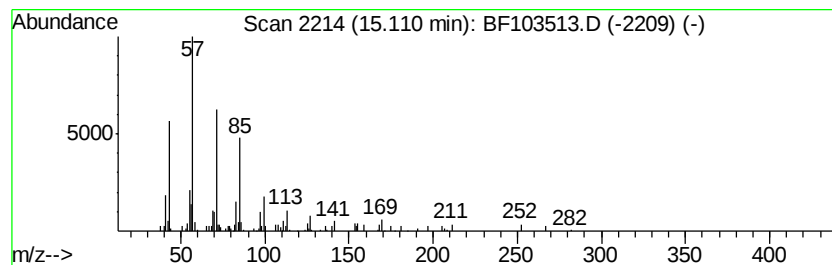
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Triacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.53 ng	137478	Perylene-d12	15.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	86
2			Docosane	310	C22H46	000629-97-0	86
3			2-methyloctacosane	408	C29H60	1000376-72-8	83
4			Heneicosane	296	C21H44	000629-94-7	80
5			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030818\
 Data File : BF103513.D
 Acq On : 8 Mar 2018 13:48
 Operator : SJ/JU
 Sample : J1810-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHA-WCGW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.13	36.7	ng	1846780	1	6.86	1005590	20.0
2-Pentanone, 4-hy...	5.09	3.9	ng	197641	1	6.86	1005590	20.0
unknown6.63	6.63	57.8	ng	2903510	1	6.86	1005590	20.0
Ethanol, 2-(2-eth...	6.70	9.1	ng	455349	1	6.86	1005590	20.0
Tetradecanoic acid	11.05	2.2	ng	149115	4	11.40	1328840	20.0
n-Hexadecanoic acid	11.93	58.4	ng	3879710	4	11.40	1328840	20.0
Squalene	12.19	95.0	ng	6310600	4	11.40	1328840	20.0
9-Hexadecenoic acid	12.62	6.0	ng	395506	4	11.40	1328840	20.0
Octadecanoic acid	12.71	44.7	ng	2970630	4	11.40	1328840	20.0
Trifluoroacetic a...	13.86	7.9	ng	443959	5	14.05	1122550	20.0
Octadecane, 1-iodo-	13.93	3.2	ng	177655	5	14.05	1122550	20.0
Heptacosane	14.54	2.5	ng	143339	5	14.05	1122550	20.0
unknown14.91	14.91	4.7	ng	254714	6	15.56	1084700	20.0
Triacontane	15.11	2.5	ng	137478	6	15.56	1084700	20.0