

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111150.D
 Acq On : 6 Dec 2018 20:49
 Operator : JU/SJ
 Sample : J6204-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-2A-(0-2)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.251	195	198	212	rBV	248210	476955	2.88%	0.334%
2	5.028	497	500	510	rVB	648087	905350	5.47%	0.633%
3	5.428	562	568	571	rBV	13620402	14944260	90.26%	10.453%
4	6.439	733	740	744	rBV	13505960	16556002	100.00%	11.580%
5	6.581	758	764	767	rBV	13751467	15172759	91.65%	10.613%
6	6.804	799	802	806	rVB	3981218	3144986	19.00%	2.200%
7	6.963	825	829	832	rBV	12602012	11280677	68.14%	7.890%
8	7.363	892	897	900	rBV	9177645	10331989	62.41%	7.227%
9	8.086	1015	1020	1023	rBV	4901531	4089222	24.70%	2.860%
10	9.169	1198	1204	1207	rBV	14576649	15027678	90.77%	10.511%
11	9.557	1266	1270	1273	rBV	2588245	2102810	12.70%	1.471%
12	9.839	1310	1318	1322	rBV2	5256822	4465163	26.97%	3.123%
13	10.627	1447	1452	1455	rBV	10105373	9516454	57.48%	6.656%
14	11.321	1566	1570	1573	rBV	5139459	4235417	25.58%	2.962%
15	11.857	1657	1661	1671	rBV	2796001	3055229	18.45%	2.137%
16	12.639	1791	1794	1805	rBV	1366805	1454166	8.78%	1.017%
17	12.910	1835	1840	1843	rBV	11825576	11874152	71.72%	8.305%
18	13.127	1873	1877	1879	rBV	158128	172657	1.04%	0.121%
19	13.392	1914	1922	1926	rBV5	82793	211809	1.28%	0.148%
20	13.810	1990	1993	2001	rBV	2764452	2799849	16.91%	1.958%
21	13.951	2013	2017	2021	rBV	2876823	2838105	17.14%	1.985%
22	14.139	2045	2049	2056	rBV	167676	179498	1.08%	0.126%
23	14.451	2098	2102	2108	rBV	1061116	1171455	7.08%	0.819%
24	14.751	2150	2153	2162	rBV2	130553	219855	1.33%	0.154%
25	14.821	2162	2165	2169	rVV	197019	193492	1.17%	0.135%
26	14.886	2173	2176	2181	rVB	254908	246827	1.49%	0.173%
27	15.080	2205	2209	2211	rBV	361583	433526	2.62%	0.303%
28	15.098	2211	2212	2219	rVB2	304518	323403	1.95%	0.226%
29	15.392	2257	2262	2268	rBV	2141580	2677304	16.17%	1.873%
30	15.645	2301	2305	2313	rVB2	207675	281360	1.70%	0.197%
31	15.874	2340	2344	2348	rBV	276243	397145	2.40%	0.278%
32	15.921	2348	2352	2361	rVV	496438	842482	5.09%	0.589%
33	16.651	2472	2476	2482	rVB4	133738	225181	1.36%	0.158%
34	17.033	2533	2541	2552	rBV5	202998	557250	3.37%	0.390%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	17.409	2597	2605	2614	rBV4	235407	563382	3.40%	0.394%
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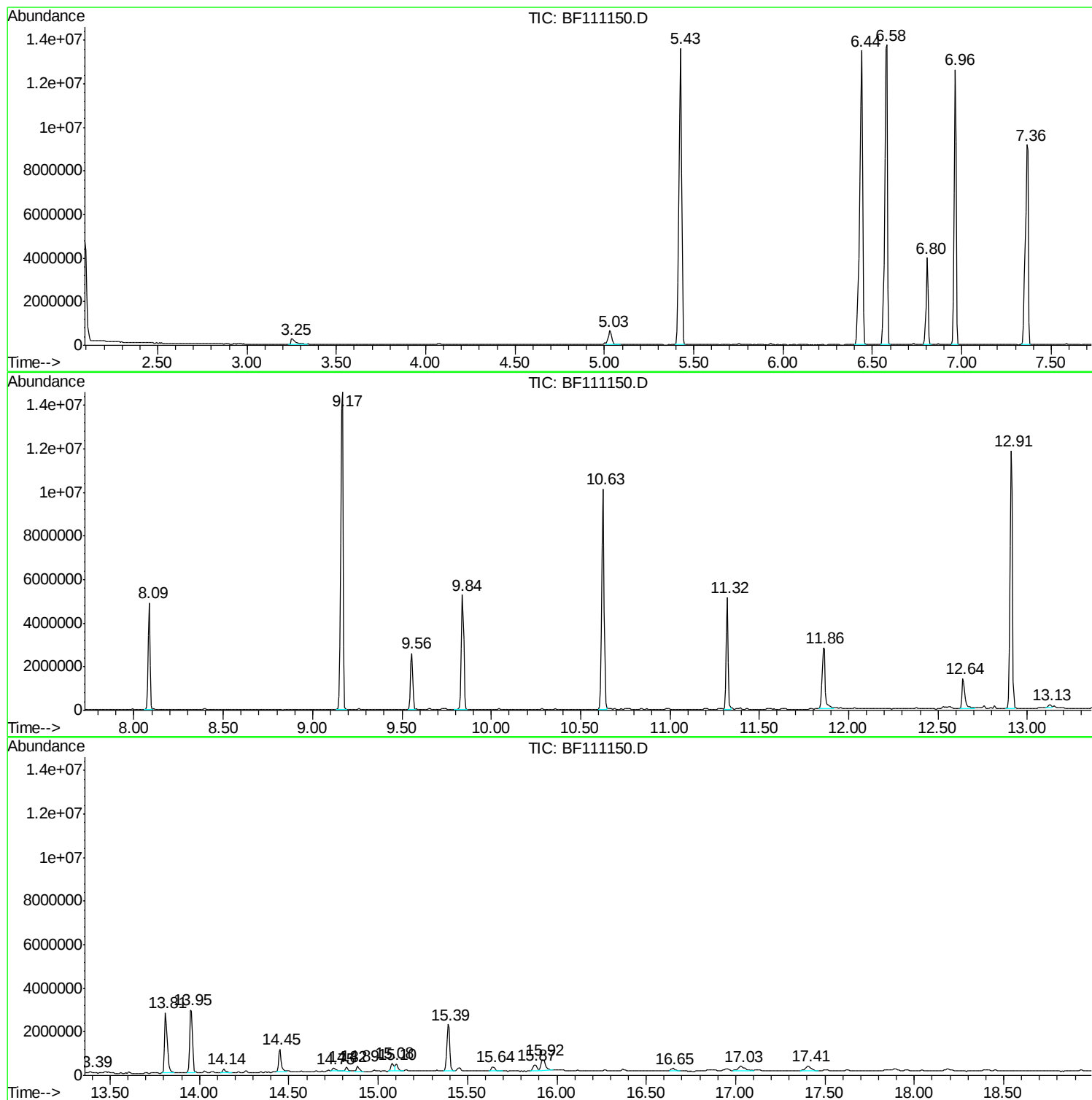
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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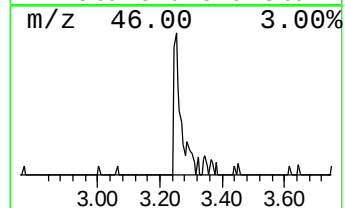
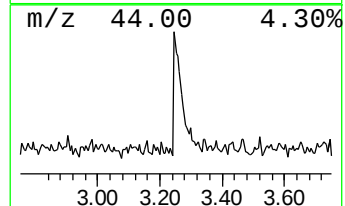
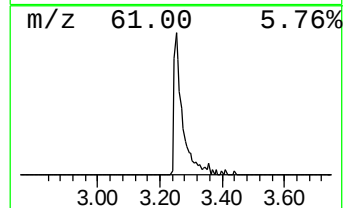
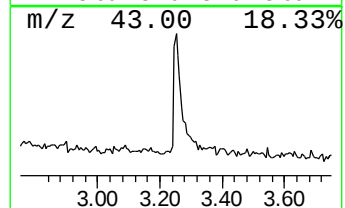
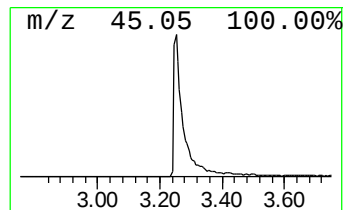
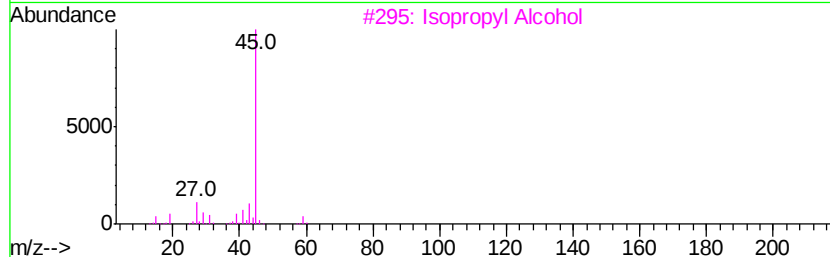
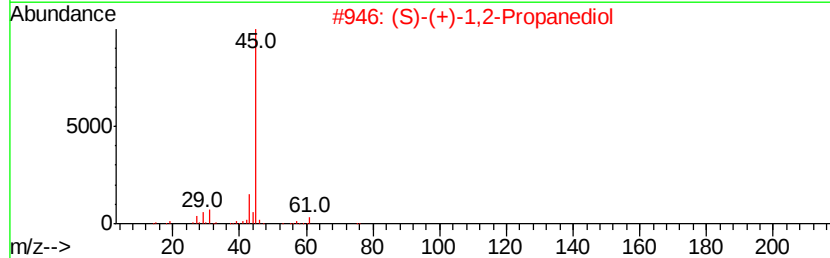
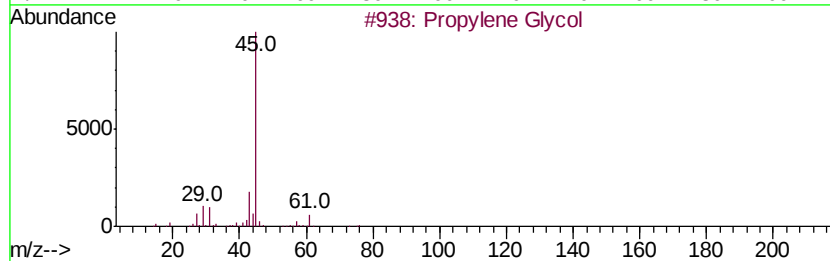
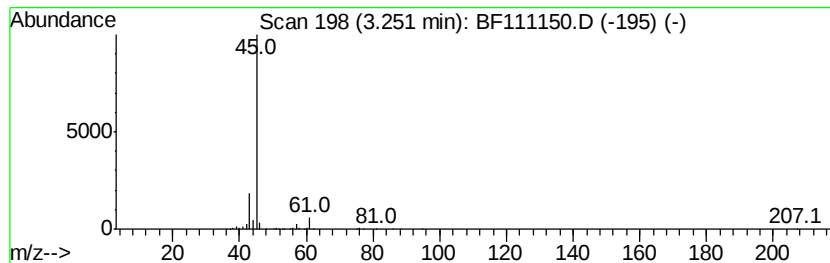
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	3.03 ng	476955	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	78
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9



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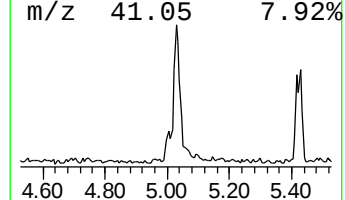
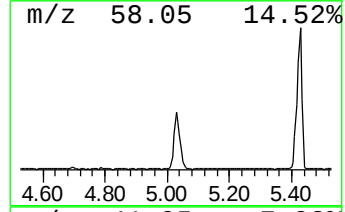
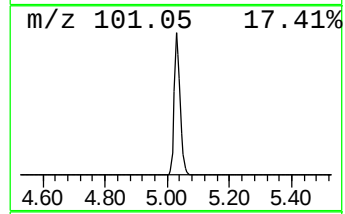
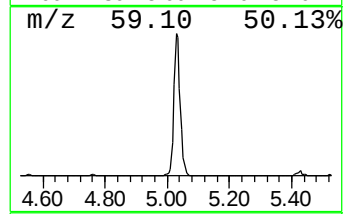
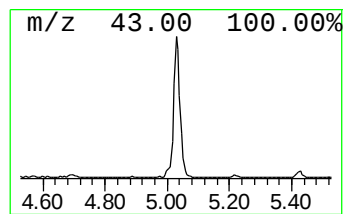
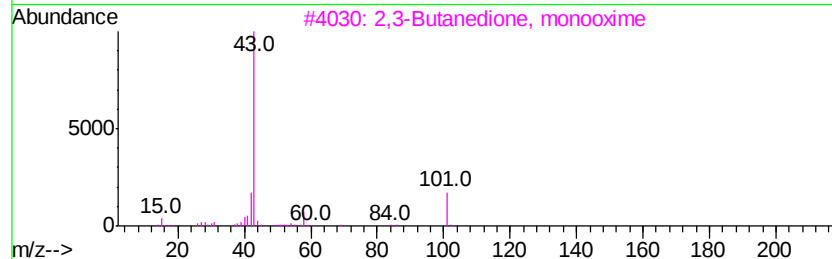
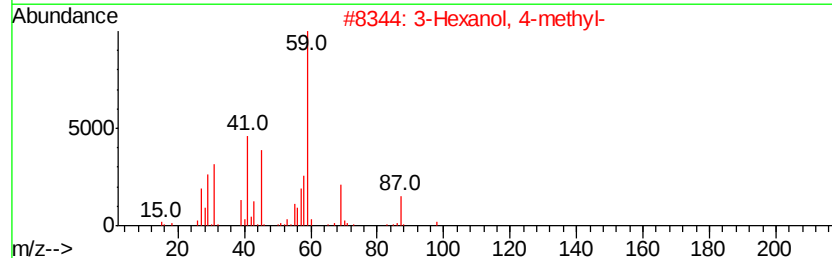
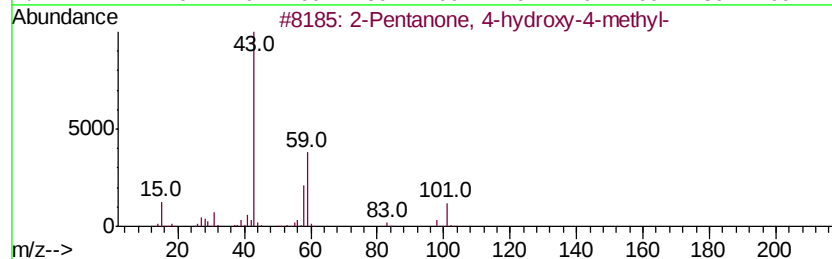
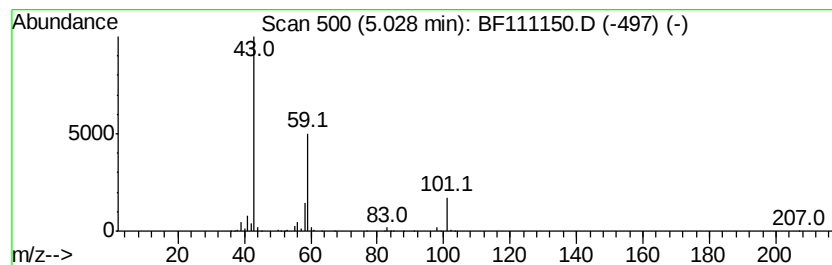
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	5.76 ng	905350	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		t-Butyl nitrite	103	C4H9NO2	000540-80-7	9
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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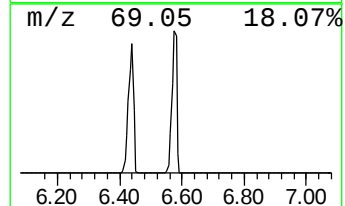
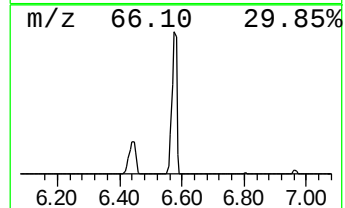
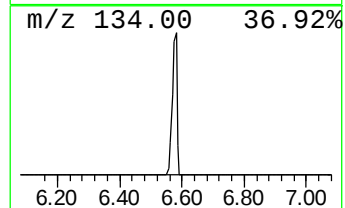
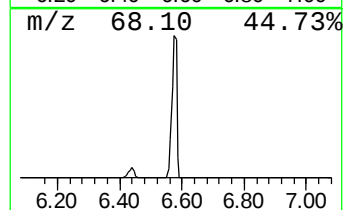
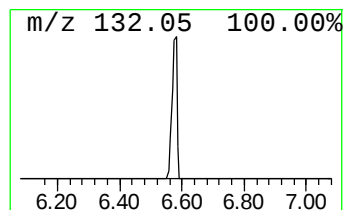
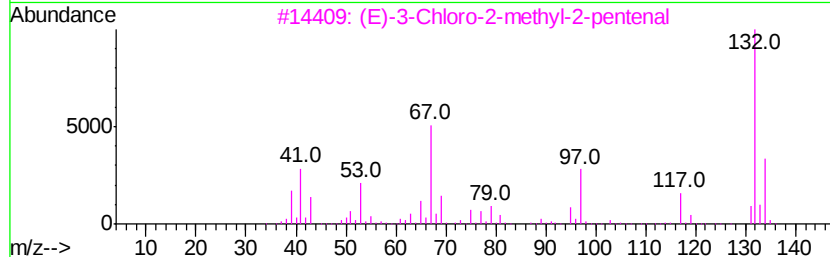
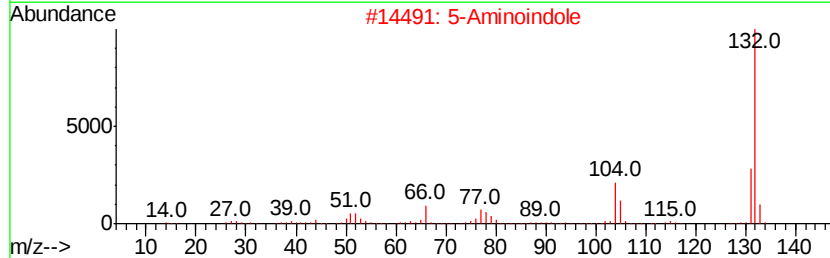
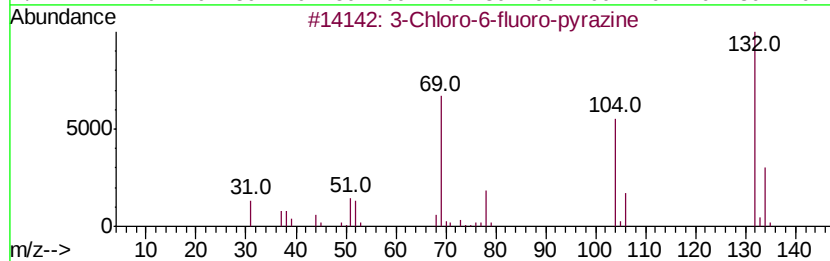
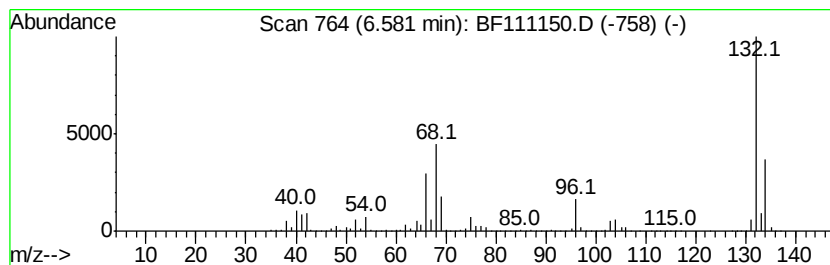
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	96.49 ng	15172800	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		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12



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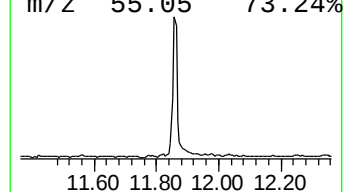
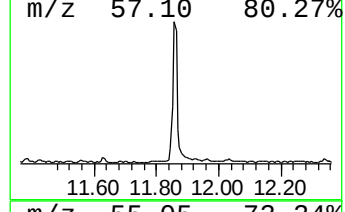
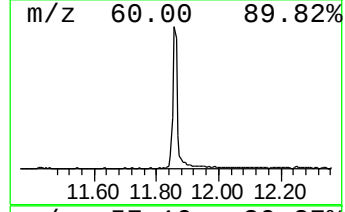
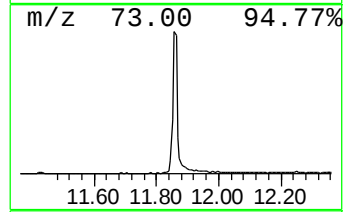
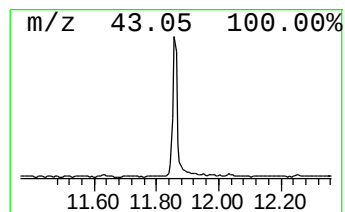
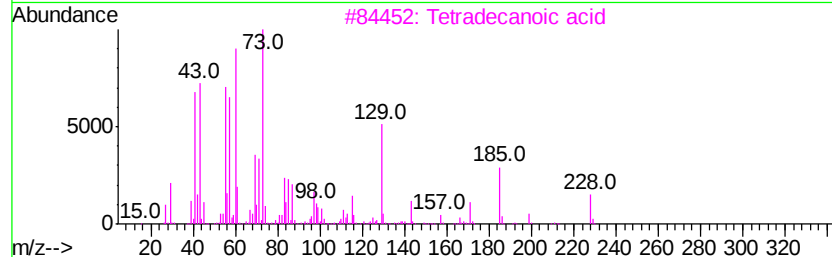
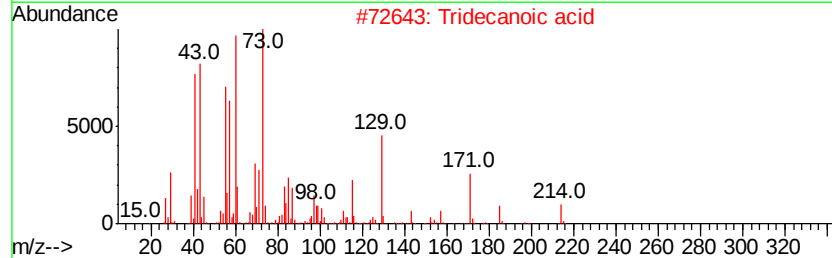
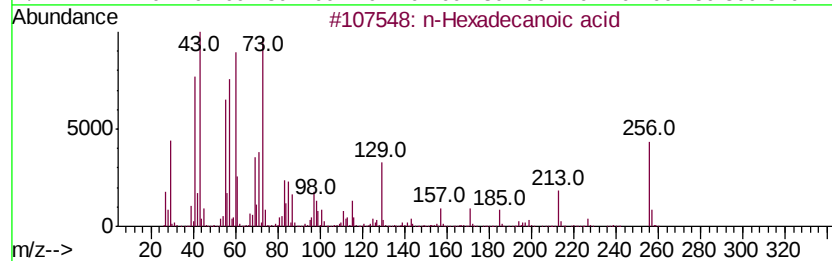
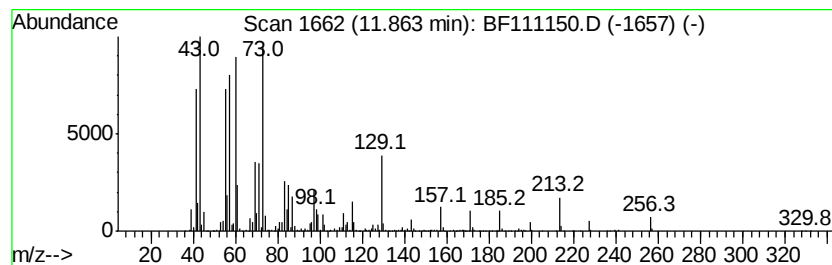
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	14.43 ng	3055230	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Undecanoic acid	186	C11H22O2	000112-37-8	80



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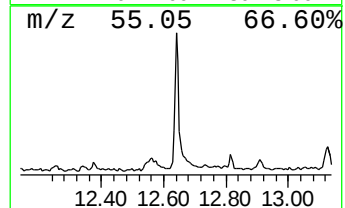
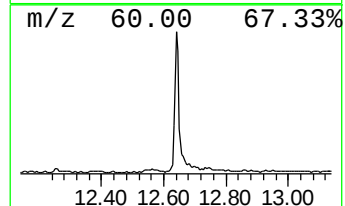
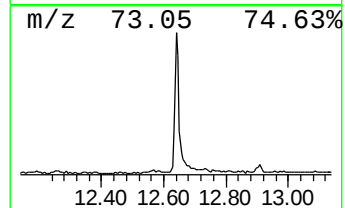
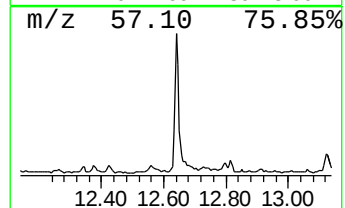
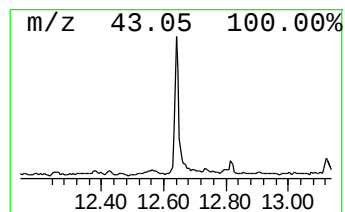
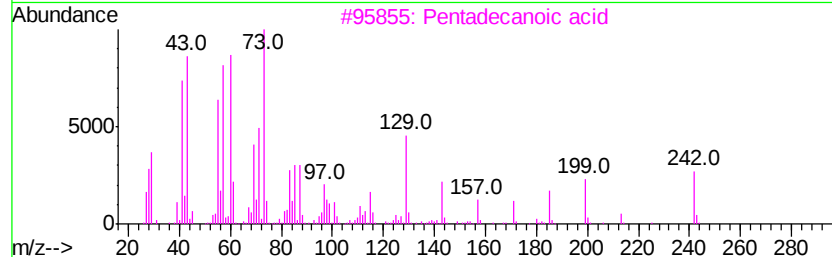
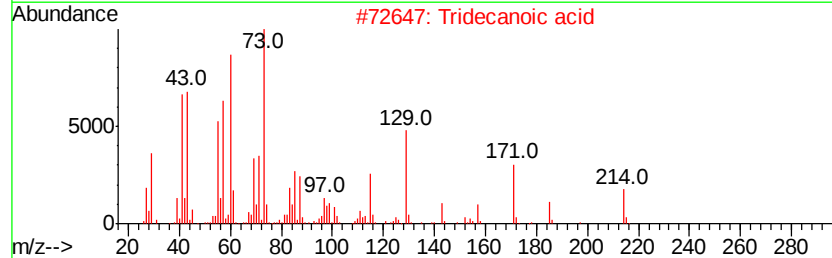
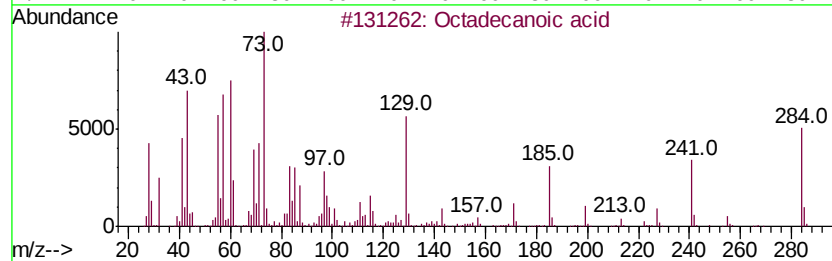
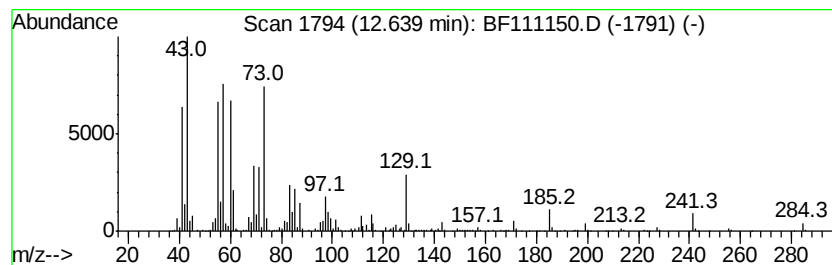
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	10.25 ng	1454170	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HLSP-SB-2A-(0-2)

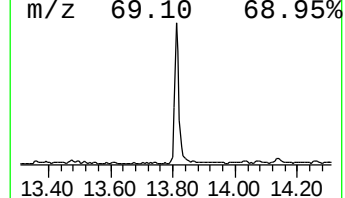
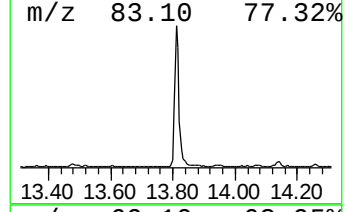
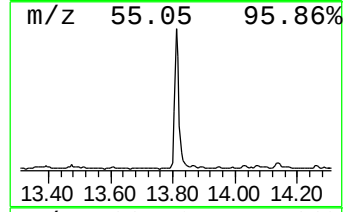
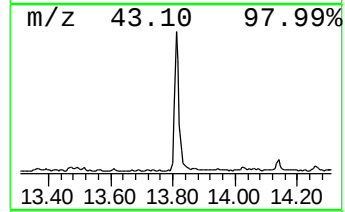
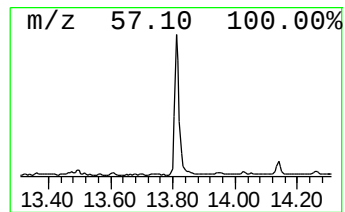
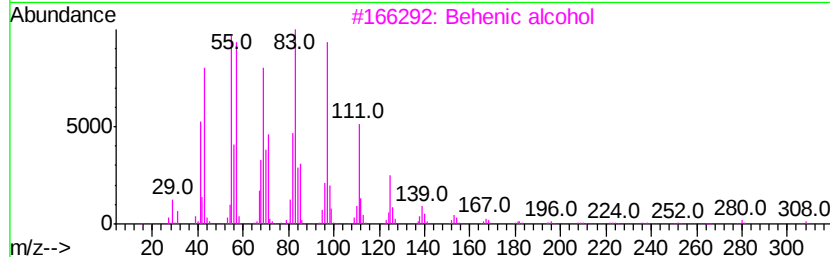
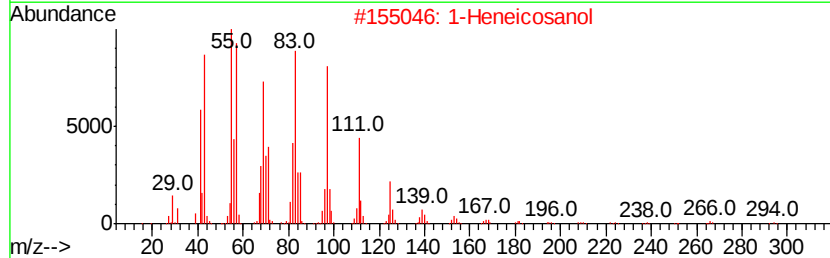
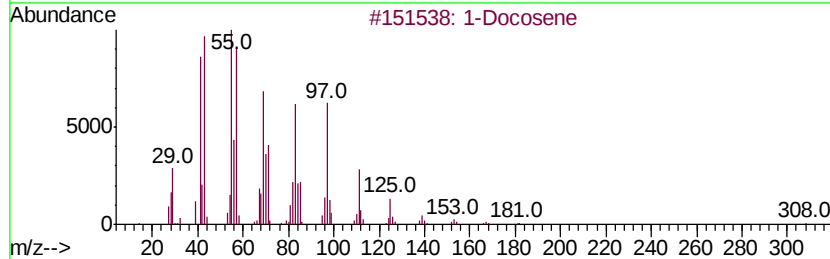
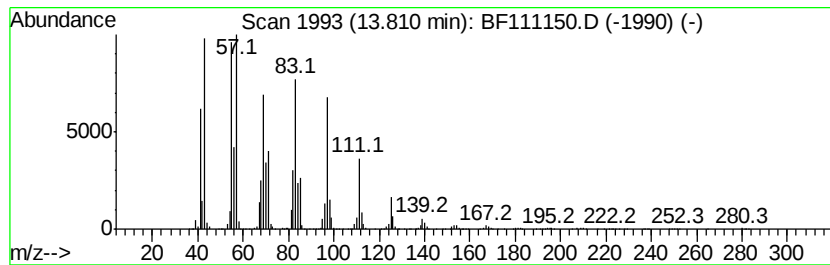
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	19.73 ng	2799850	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111150.D
 Acq On : 6 Dec 2018 20:49
 Operator : JU/SJ
 Sample : J6204-06
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Instrument :
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 ClientSampleId :
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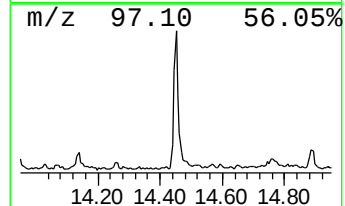
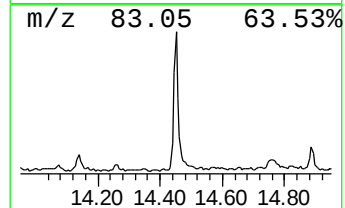
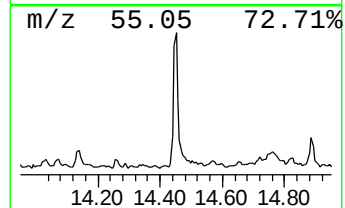
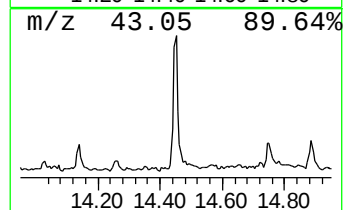
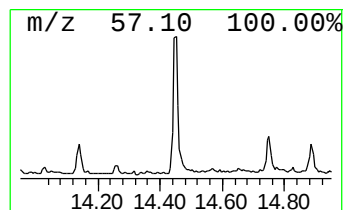
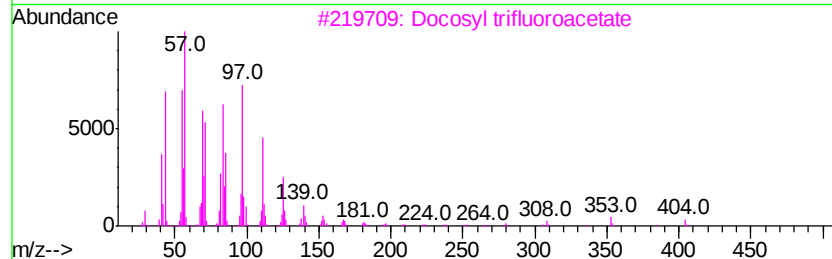
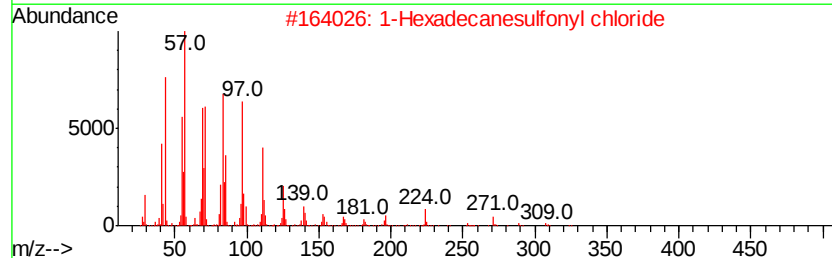
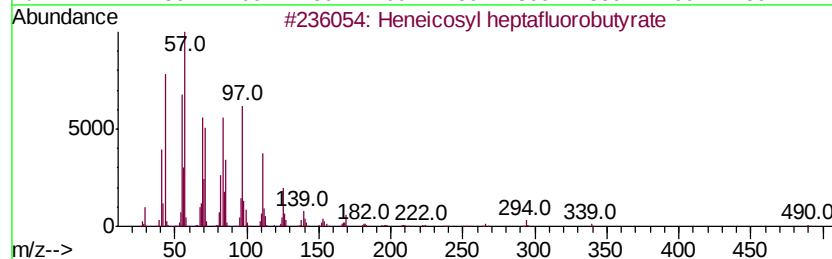
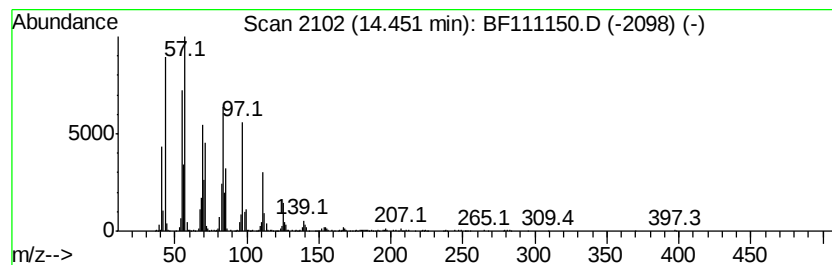
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heneicosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	8.26 ng	1171460	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
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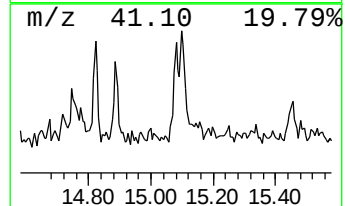
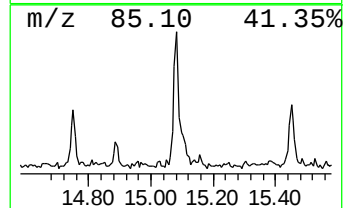
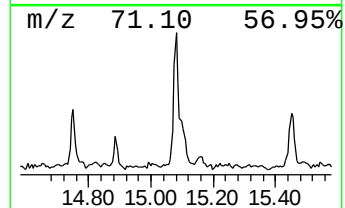
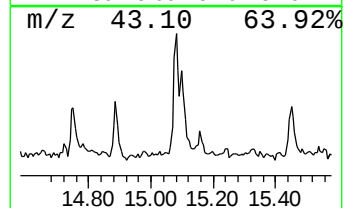
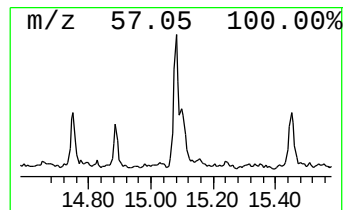
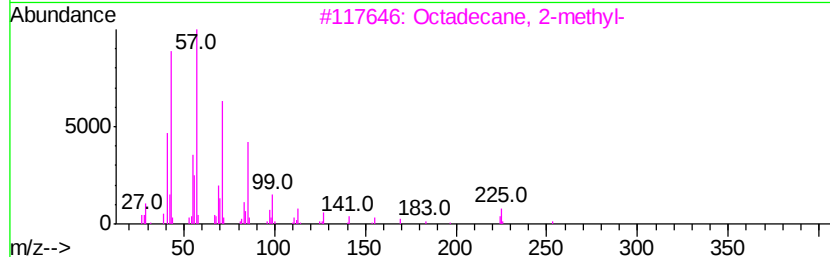
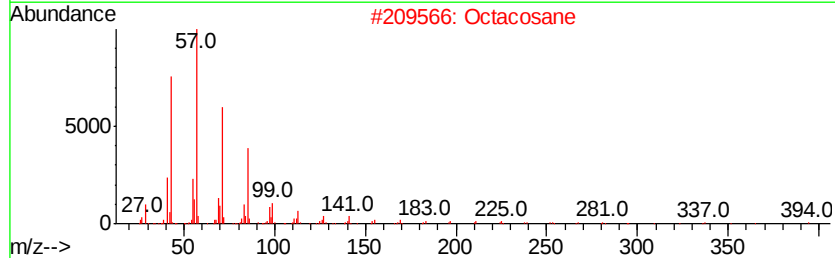
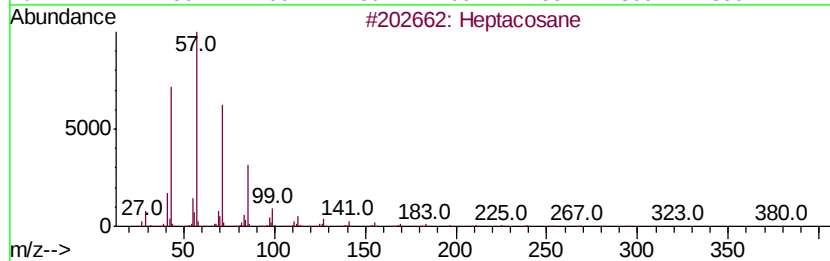
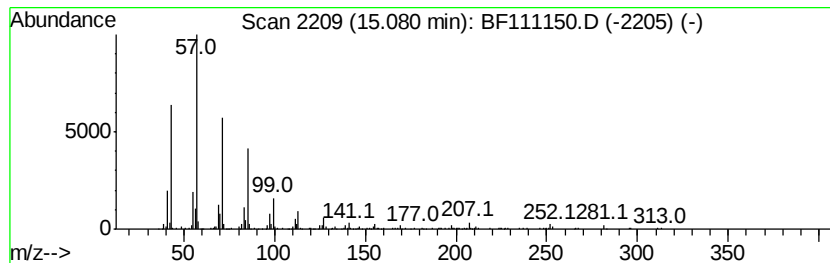
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.24 ng	433526	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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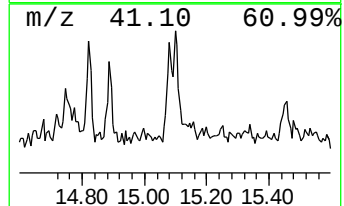
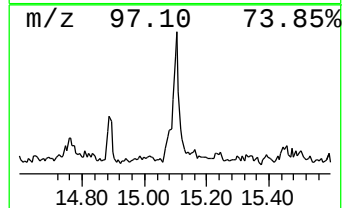
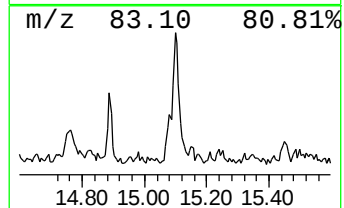
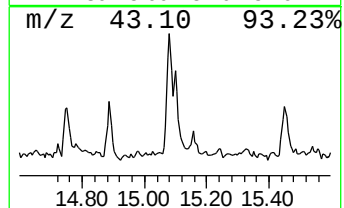
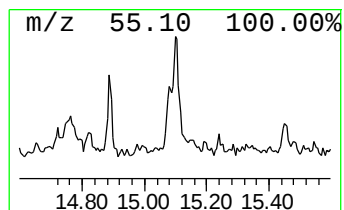
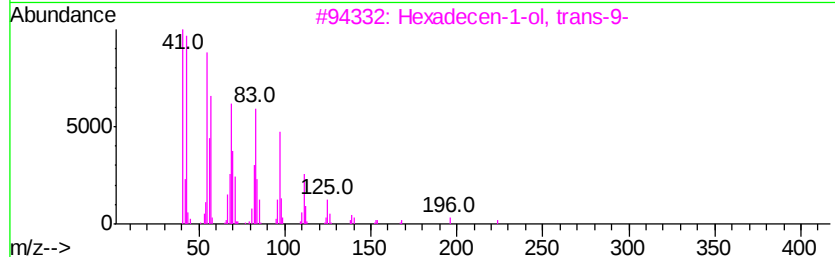
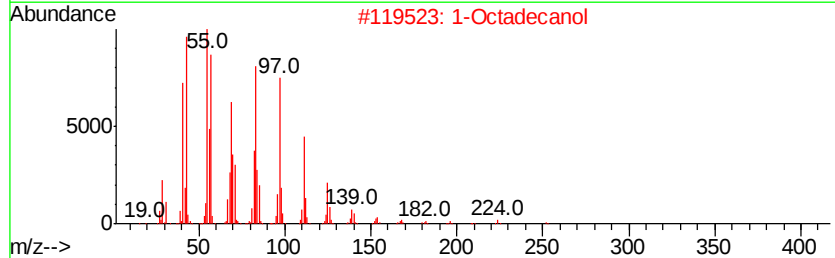
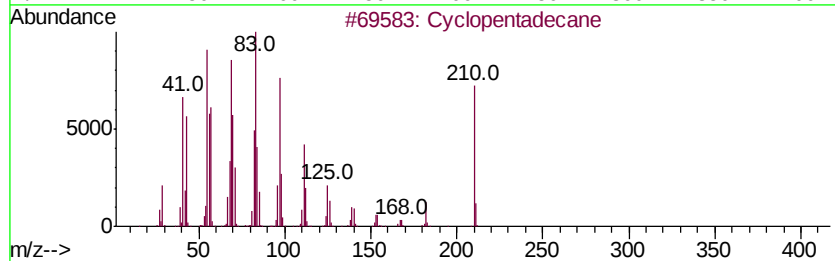
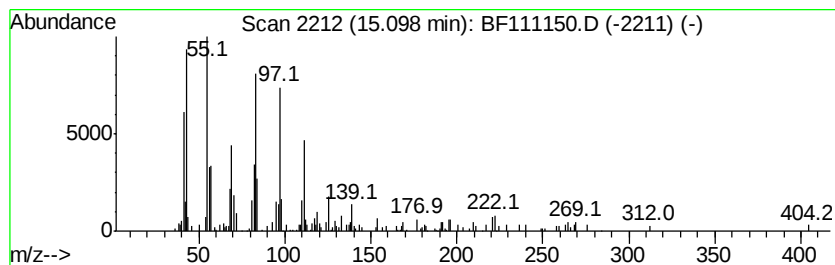
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.42 ng	323403	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	86
2		1-Octadecanol	270	C18H38O	000112-92-5	72
3		Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	64
4		Cyclotetradecane	196	C14H28	000295-17-0	50
5		5-Hydroxy-5-isopropyl-6-methyl-h...	182	C11H18O2	1000187-15-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
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Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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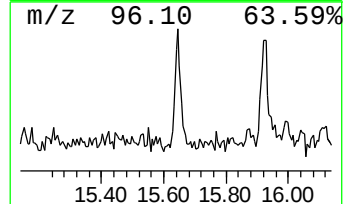
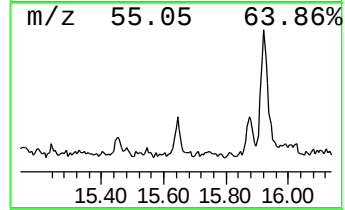
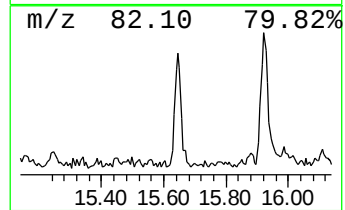
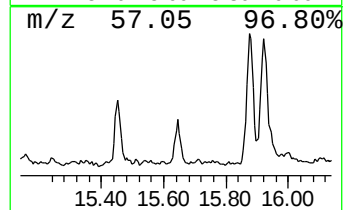
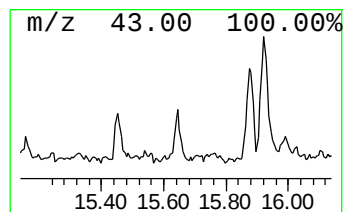
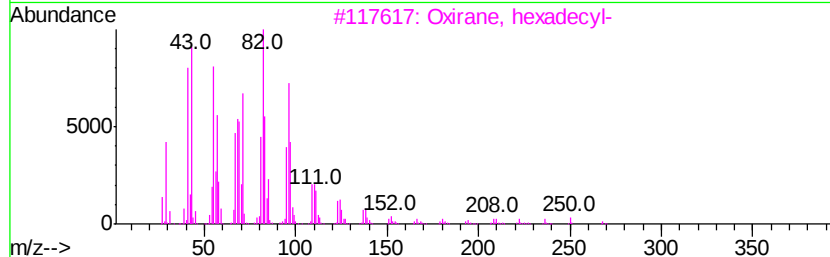
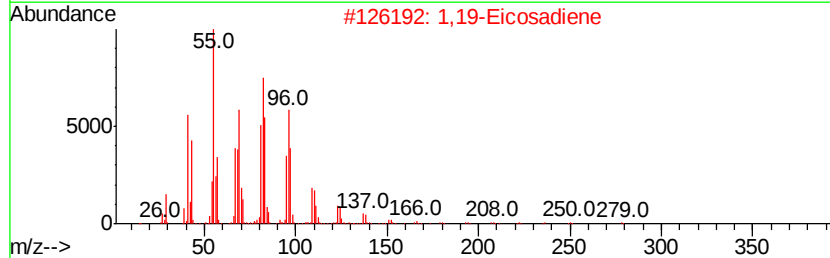
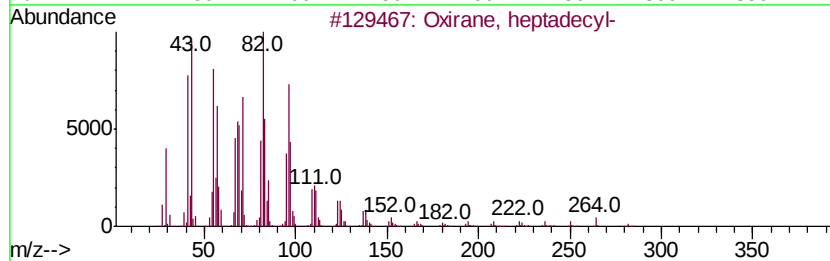
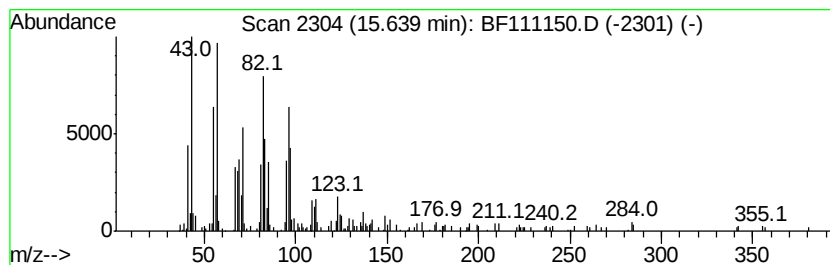
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.10 ng	281360	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
2			1,19-Eicosadiene	278	C20H38	014811-95-1	58
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
4			Octadecanal	268	C18H36O	000638-66-4	52
5			Cyclotriacontane	420	C30H60	000297-35-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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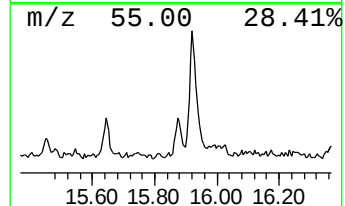
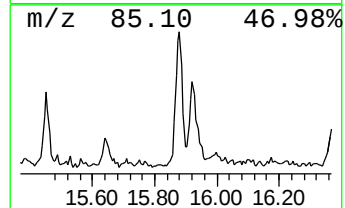
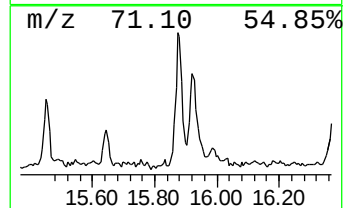
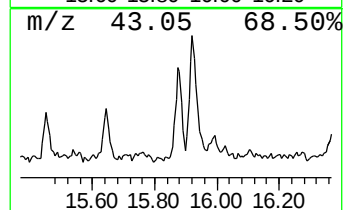
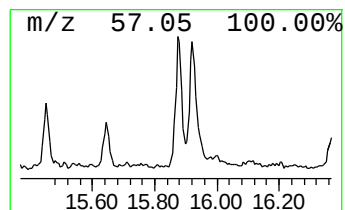
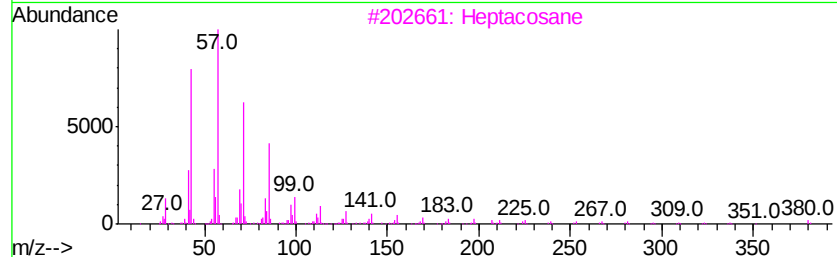
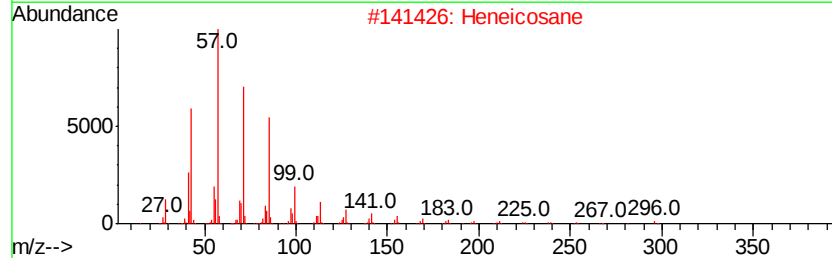
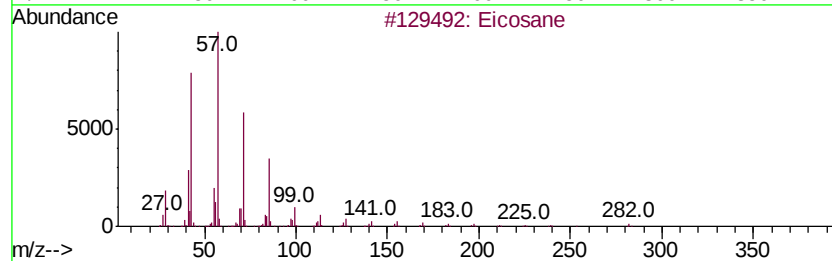
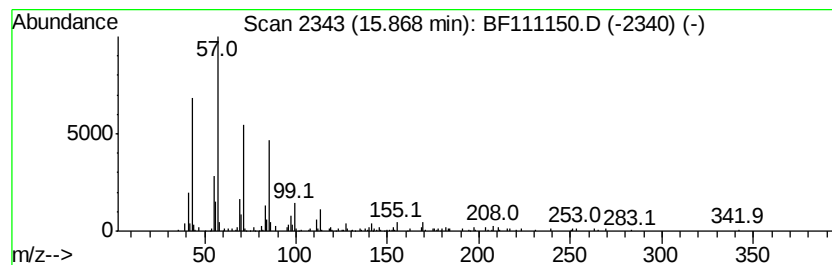
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.97 ng	397145	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Heneicosane	296 C21H44	000629-94-7	91
3	Heptacosane	380 C27H56	000593-49-7	90
4	Pentacosane	352 C25H52	000629-99-2	90
5	Sulfurous acid, butyl tetradecyl...	334 C18H38O3S	1000309-18-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
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ClientSampleId :
HLSP-SB-2A-(0-2)

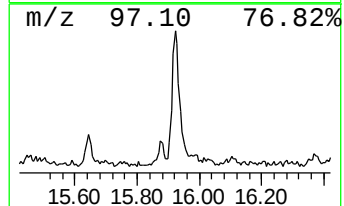
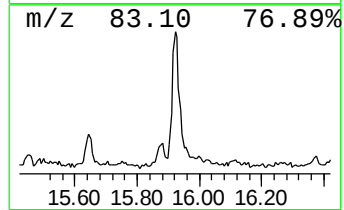
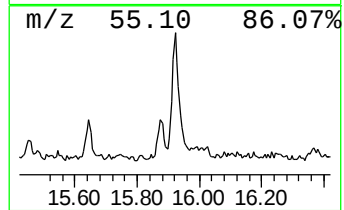
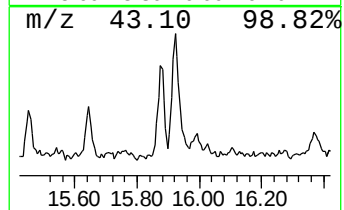
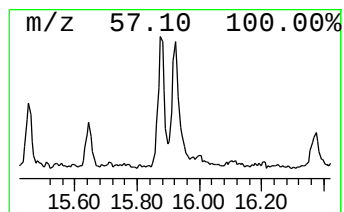
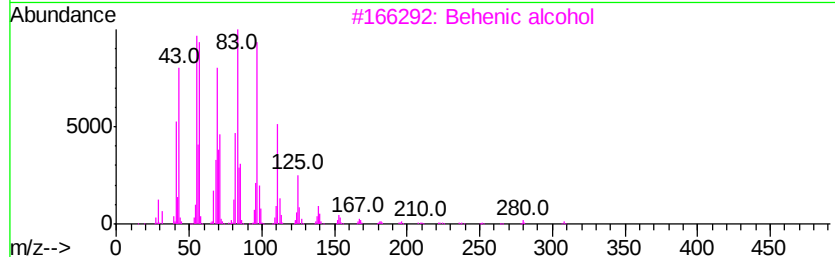
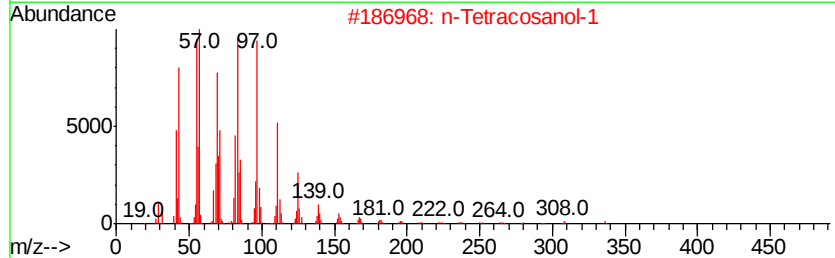
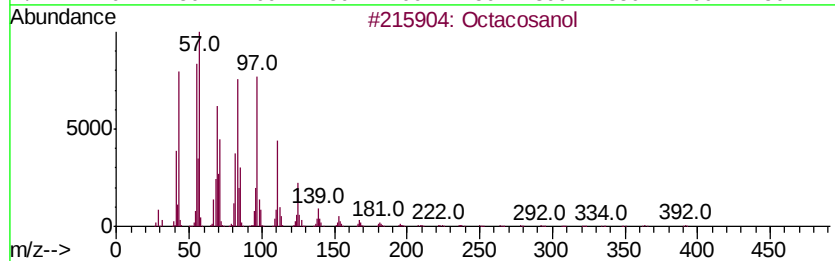
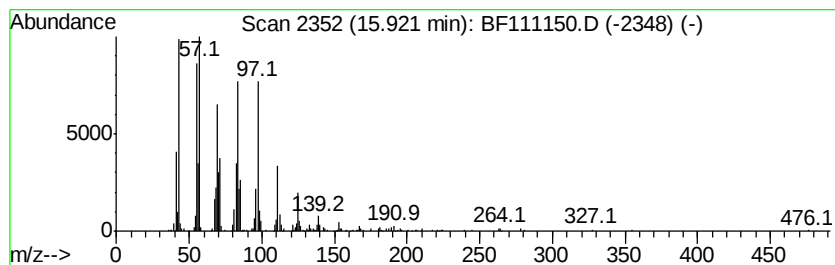
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.29 ng	842482	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Behenic alcohol	326	C22H46O	000661-19-8	90
4		1-Heptacosanol	396	C27H56O	002004-39-9	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

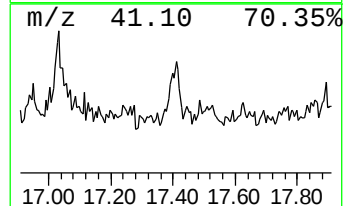
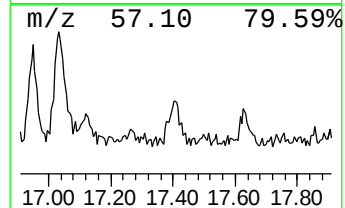
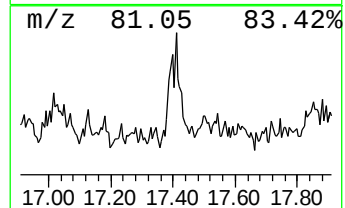
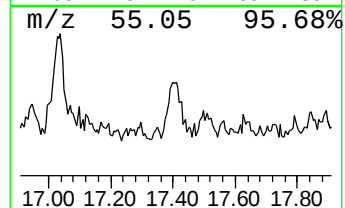
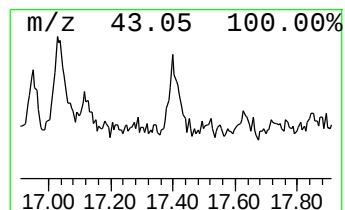
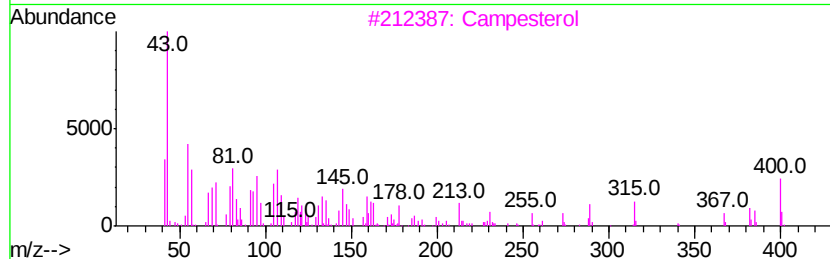
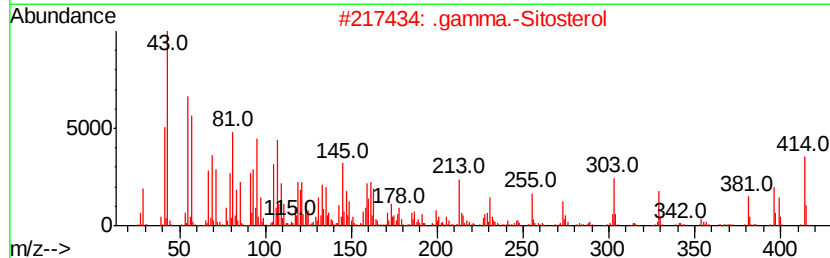
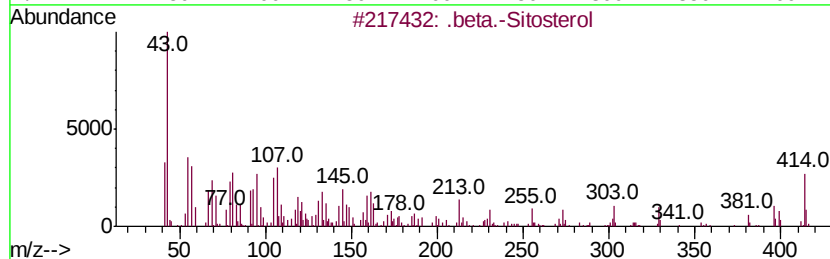
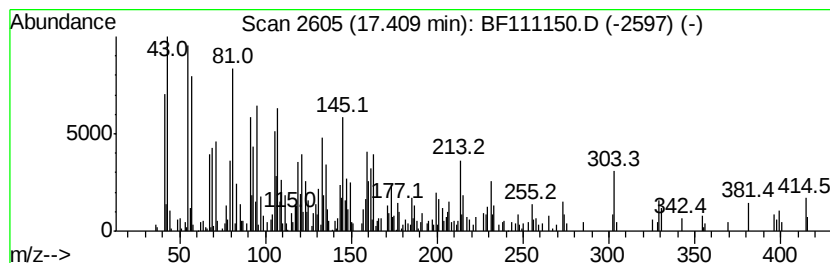
Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	4.21 ng	563382	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 95
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 64
3		Campesterol	400 C28H48O	000474-62-4 52
4		Chola-5,22-dien-3-ol, (3.beta.,2...	342 C24H38O	057597-08-7 49
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
Propylene Glycol	3.25	3.0	ng	476955	1	6.80	3144990	20.0
2-Pentanone, 4-hy...	5.03	5.8	ng	905350	1	6.80	3144990	20.0
unknown6.58	6.58	96.5	ng	15172800	1	6.80	3144990	20.0
n-Hexadecanoic acid	11.86	14.4	ng	3055230	4	11.32	4235420	20.0
Octadecanoic acid	12.64	10.3	ng	1454170	5	13.96	2838110	20.0
1-Docosene	13.81	19.7	ng	2799850	5	13.96	2838110	20.0
Heneicosyl heptaf...	14.45	8.3	ng	1171460	5	13.96	2838110	20.0
Heptacosane	15.08	3.2	ng	433526	6	15.39	2677300	20.0
Cyclopentadecane	15.10	2.4	ng	323403	6	15.39	2677300	20.0
Oxirane, heptadecyl-	15.64	2.1	ng	281360	6	15.39	2677300	20.0
Eicosane	15.87	3.0	ng	397145	6	15.39	2677300	20.0
Octacosanol	15.92	6.3	ng	842482	6	15.39	2677300	20.0
.beta.-Sitosterol	17.41	4.2	ng	563382	6	15.39	2677300	20.0