

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111135.D
 Acq On : 6 Dec 2018 13:46
 Operator : JU/SJ
 Sample : J6206-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-6B-(2-5)

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	3.234	193	195	214	rBV	116693	264888	1.80%	0.207%
2	5.022	489	499	506	rBV	638055	911566	6.18%	0.713%
3	5.428	562	568	571	rBV	12226230	13141192	89.11%	10.272%
4	6.440	733	740	744	rBV2	12759356	14747539	100.00%	11.528%
5	6.575	758	763	767	rBV	13001526	13554406	91.91%	10.595%
6	6.804	799	802	806	rVB	3514684	2866881	19.44%	2.241%
7	6.963	825	829	833	rVB	11061409	10152906	68.84%	7.936%
8	7.369	892	898	901	rBV	8811495	9148716	62.04%	7.151%
9	8.086	1016	1020	1023	rBV	4623049	3704624	25.12%	2.896%
10	9.169	1198	1204	1207	rBV	14547765	13906515	94.30%	10.870%
11	9.557	1266	1270	1273	rBV	1929063	1623703	11.01%	1.269%
12	9.839	1314	1318	1322	rVB2	4769908	4077806	27.65%	3.187%
13	10.627	1447	1452	1455	rBV	9759129	9134444	61.94%	7.140%
14	11.322	1566	1570	1573	rBV	5030664	4072299	27.61%	3.183%
15	11.857	1657	1661	1676	rBV	2112236	2382779	16.16%	1.863%
16	12.645	1791	1795	1807	rBV	922261	1027996	6.97%	0.804%
17	12.816	1822	1824	1828	rVB	196922	155343	1.05%	0.121%
18	12.916	1836	1841	1844	rBV	13161692	13118444	88.95%	10.254%
19	13.816	1990	1994	2004	rBV	1367220	1666266	11.30%	1.302%
20	13.957	2014	2018	2021	rBV	4093057	3565299	24.18%	2.787%
21	14.445	2098	2101	2107	rBV	253582	289663	1.96%	0.226%
22	14.745	2150	2152	2156	rVB	163013	148189	1.00%	0.116%
23	14.821	2161	2165	2170	rBV	240132	239211	1.62%	0.187%
24	15.080	2205	2209	2212	rBV	237705	284646	1.93%	0.222%
25	15.392	2257	2262	2267	rBV2	2233651	2664726	18.07%	2.083%
26	15.451	2268	2272	2278	rVV	188004	240637	1.63%	0.188%
27	15.874	2340	2344	2348	rBV	185557	269702	1.83%	0.211%
28	15.921	2348	2352	2360	rVB5	162415	303471	2.06%	0.237%
29	17.404	2599	2604	2613	rVB5	113301	267818	1.82%	0.209%

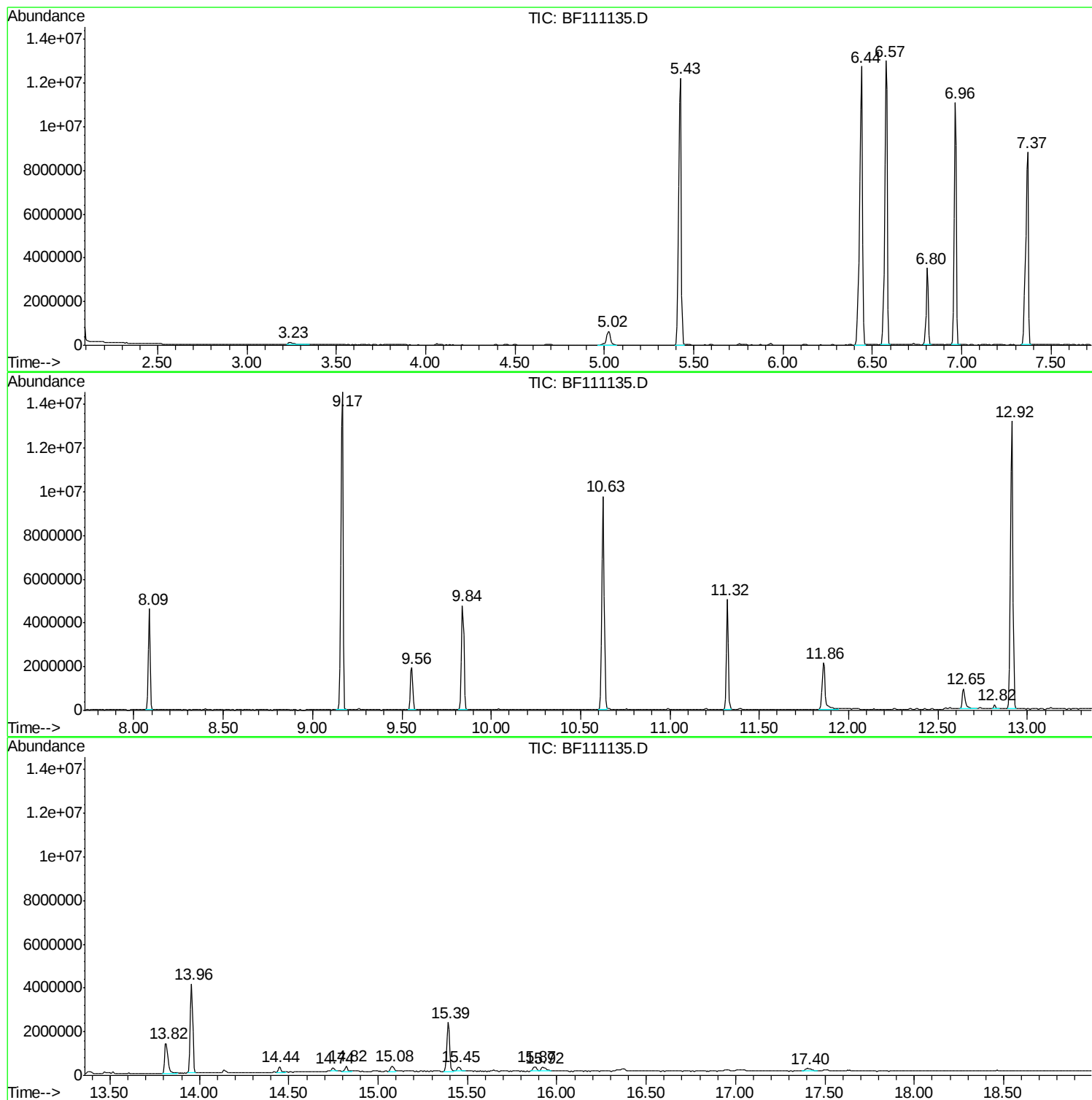
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ClientSampleId :
HLSP-SB-6B-(2-5)

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



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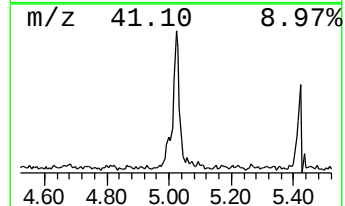
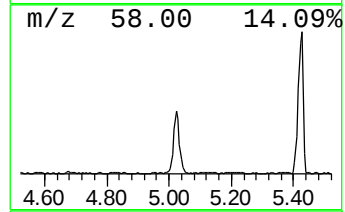
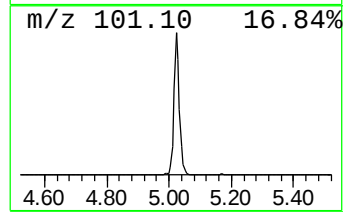
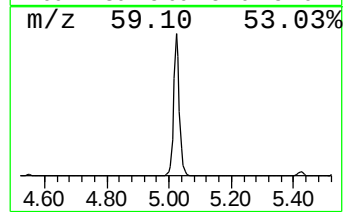
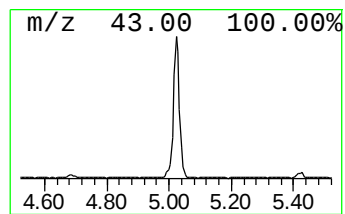
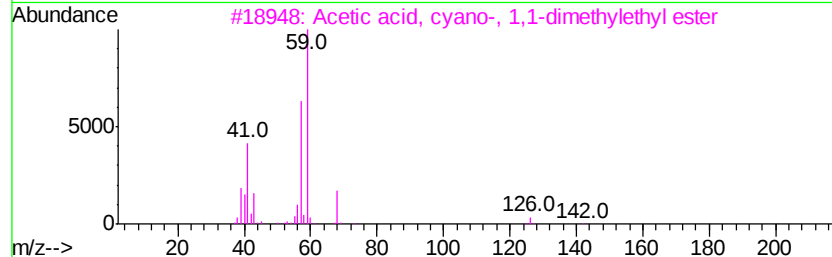
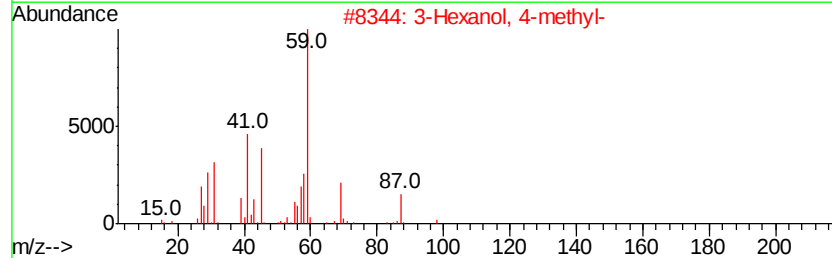
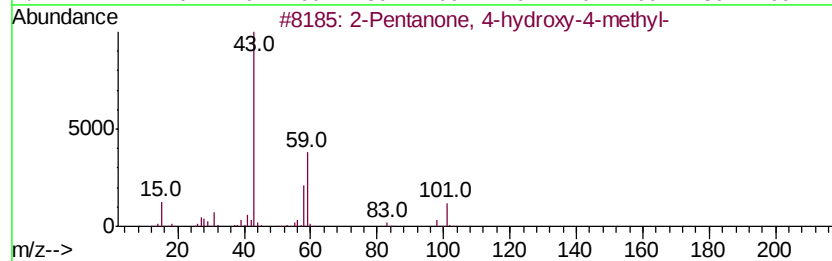
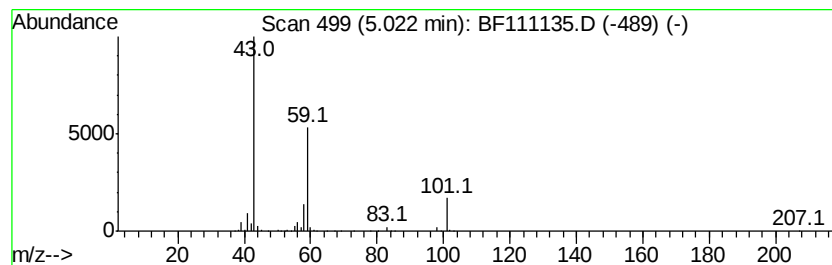
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ClientSampleId :
HLSP-SB-6B-(2-5)

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 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.02	6.36 ng	911566	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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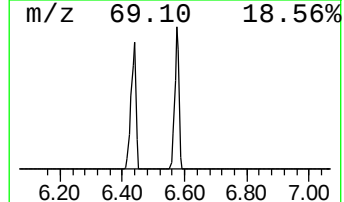
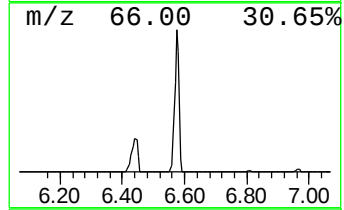
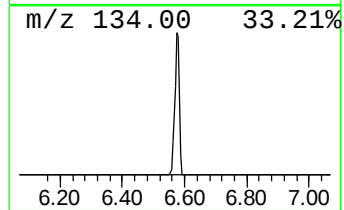
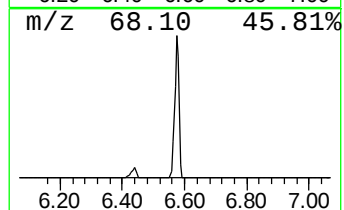
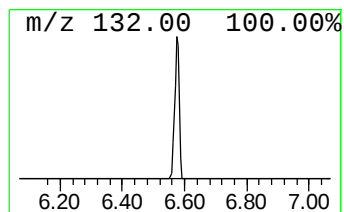
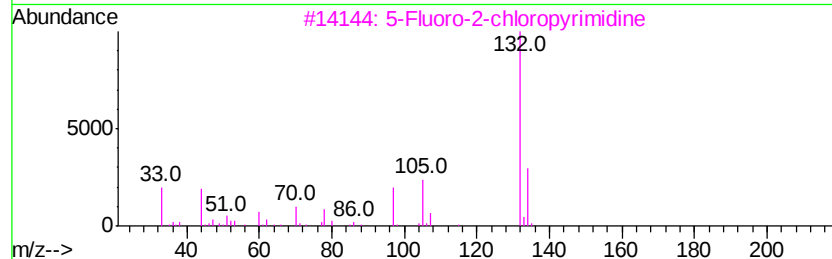
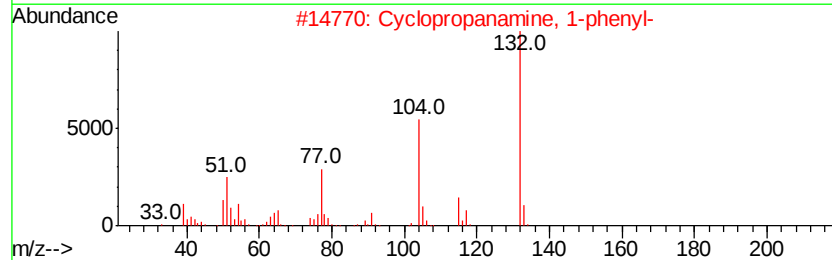
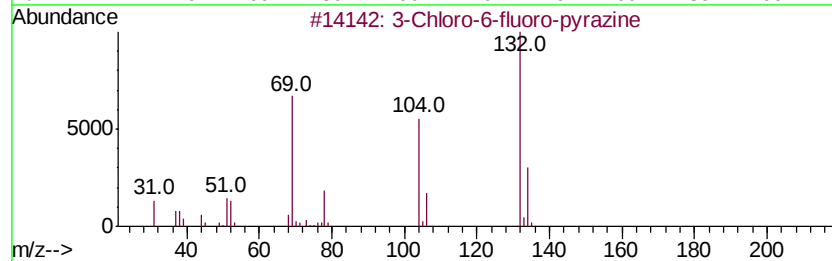
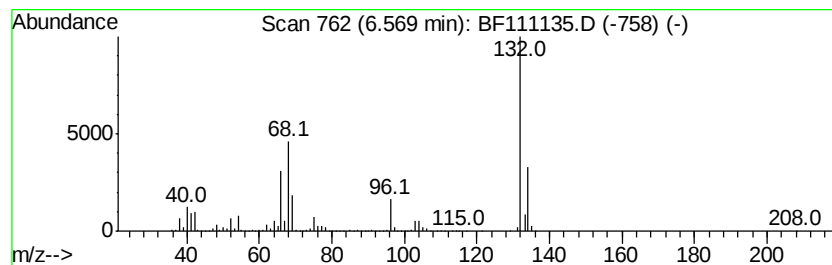
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	94.56 ng	13554400	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		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9



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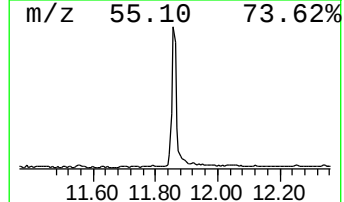
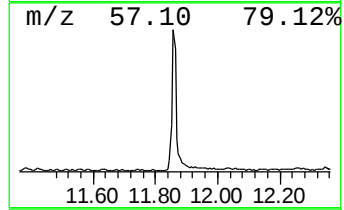
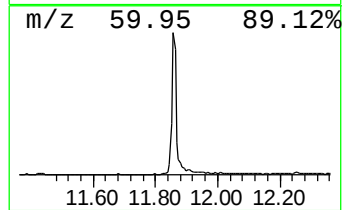
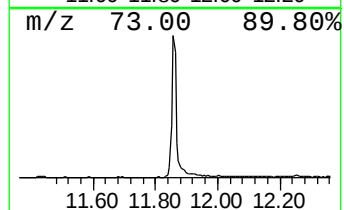
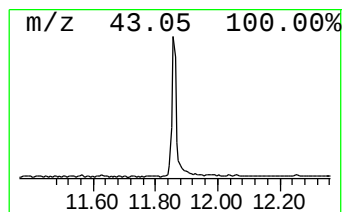
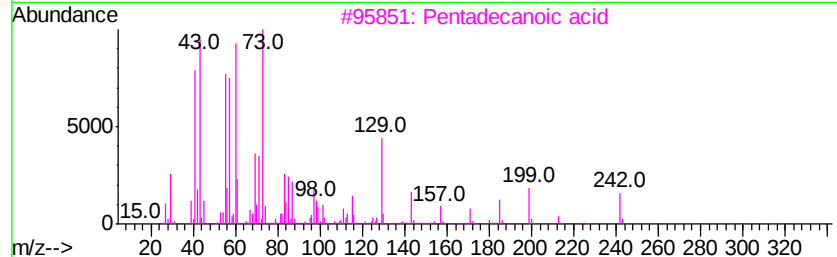
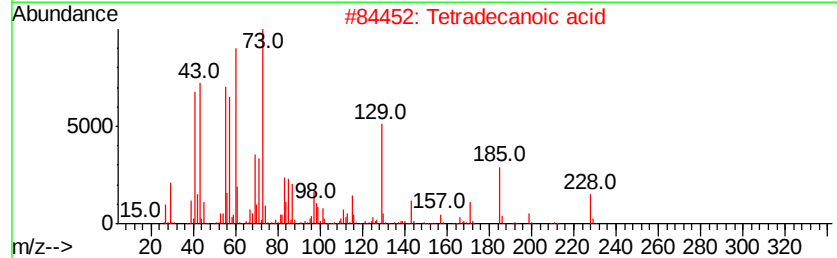
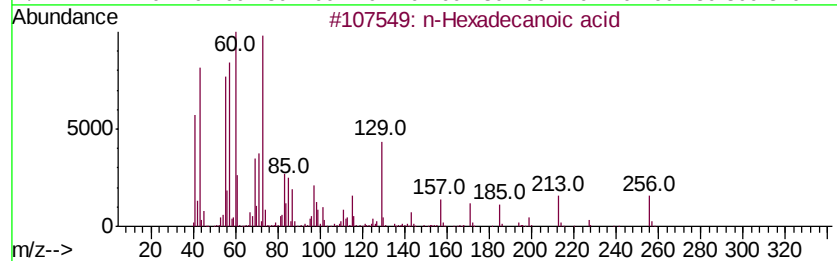
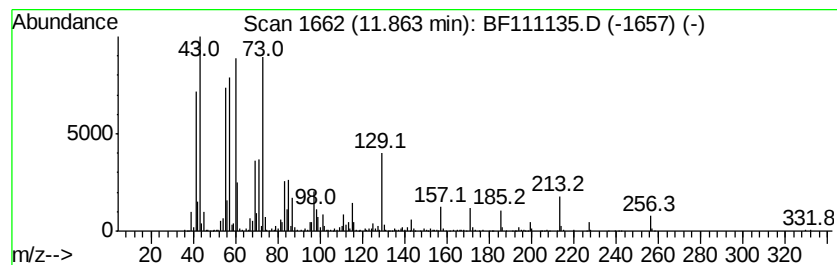
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.70 ng	2382780	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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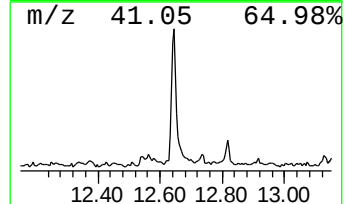
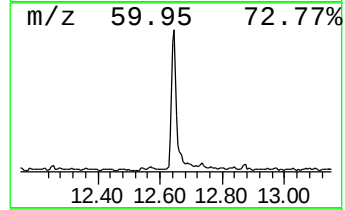
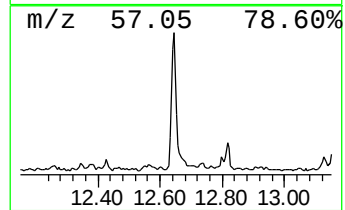
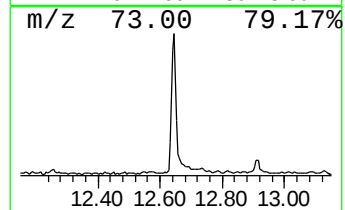
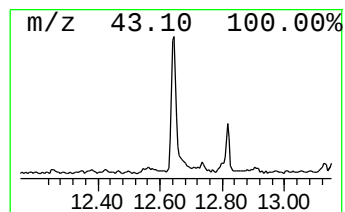
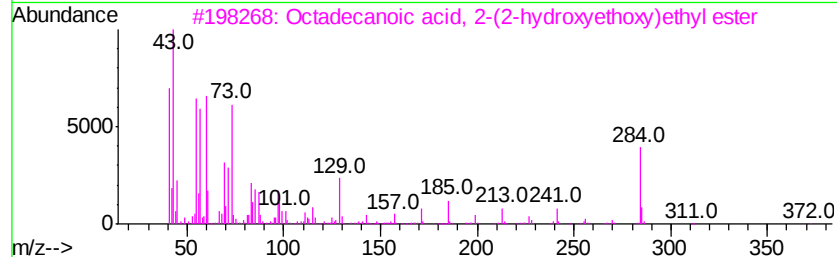
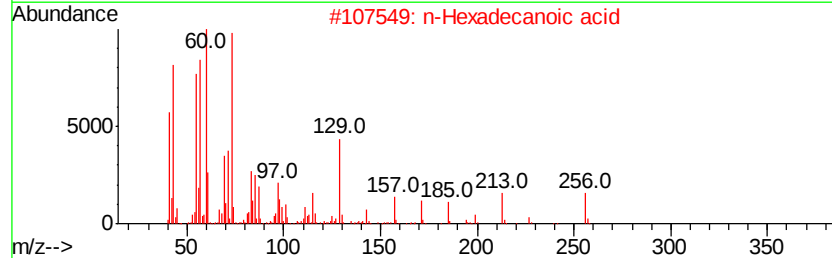
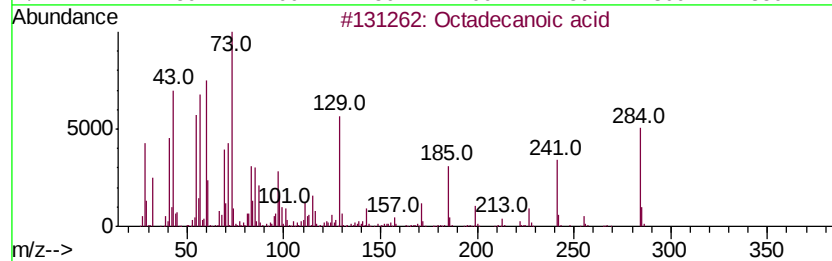
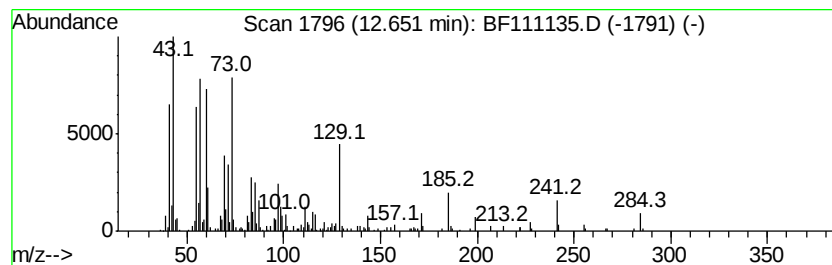
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.77 ng	1028000	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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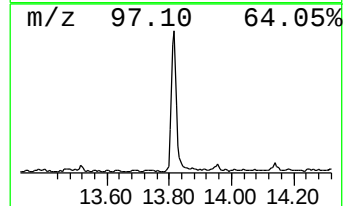
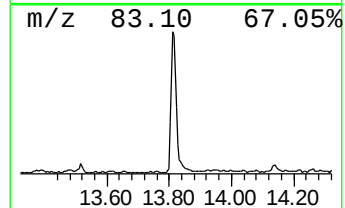
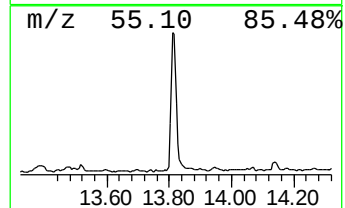
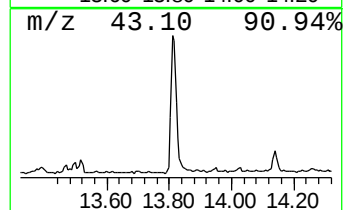
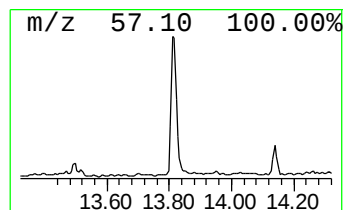
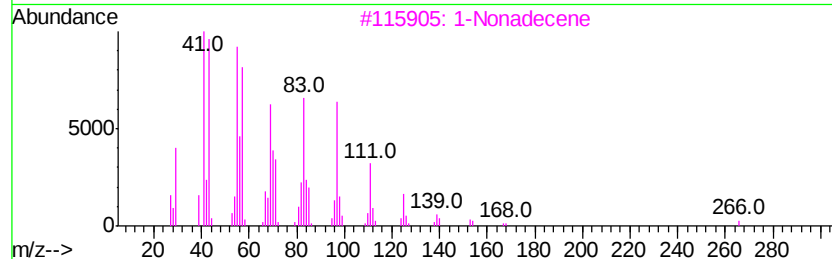
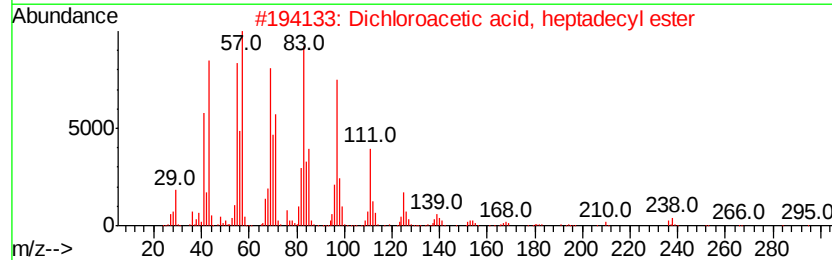
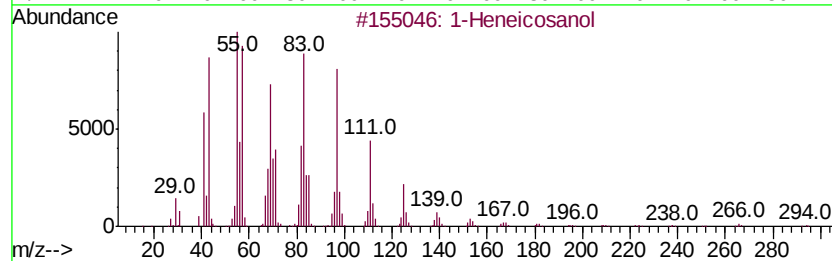
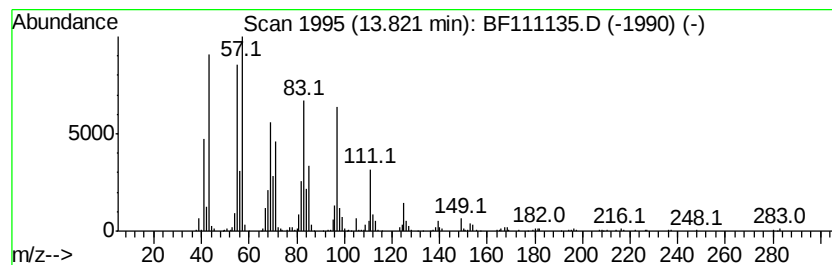
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.35 ng	1666270	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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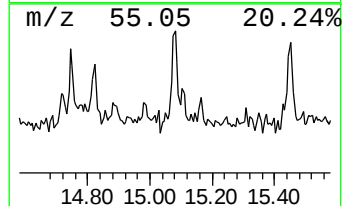
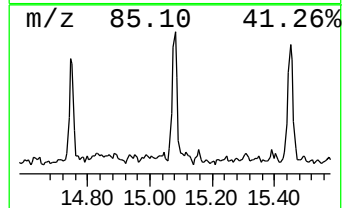
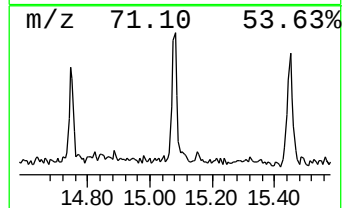
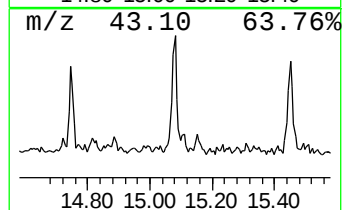
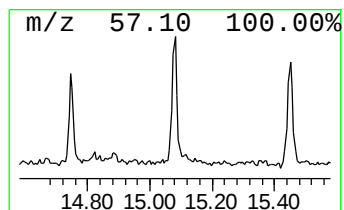
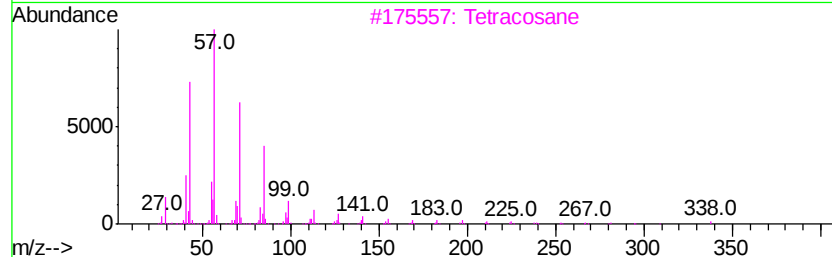
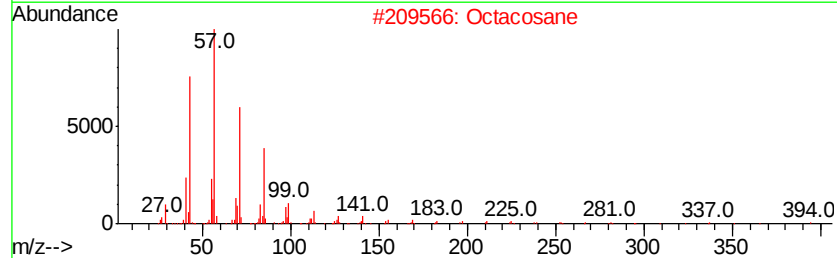
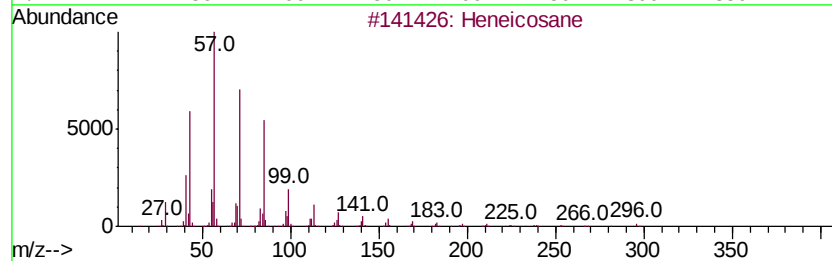
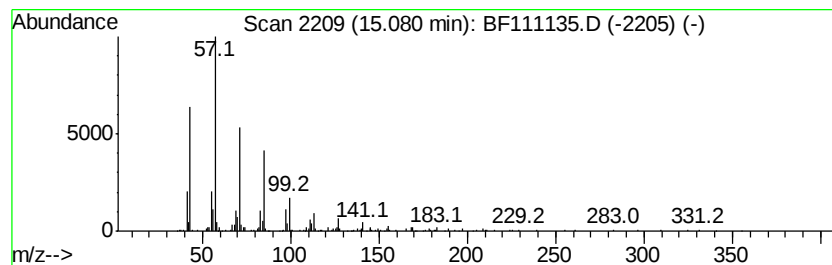
Instrument :
BNA_F
ClientSampleId :
HLSP-SB-6B-(2-5)

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 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.08	2.14 ng	284646	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111135.D
Acq On : 6 Dec 2018 13:46
Operator : JU/SJ
Sample : J6206-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-6B-(2-5)

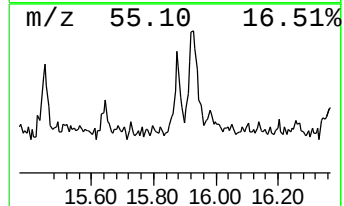
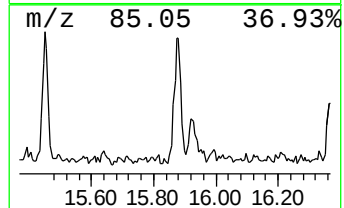
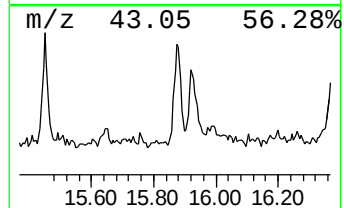
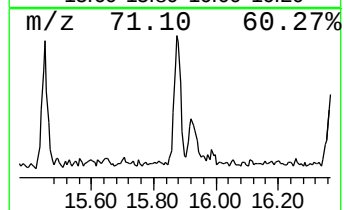
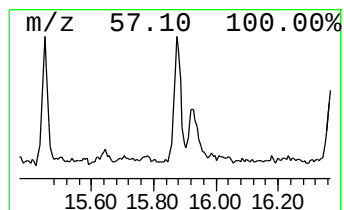
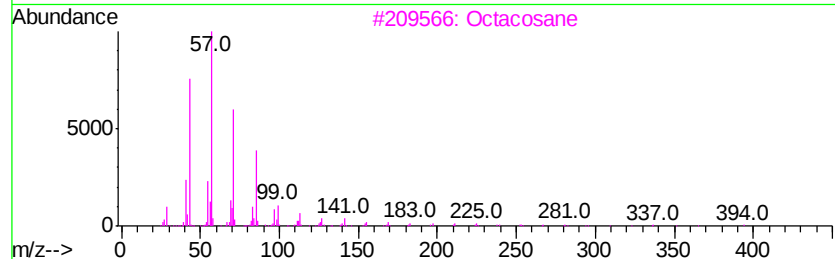
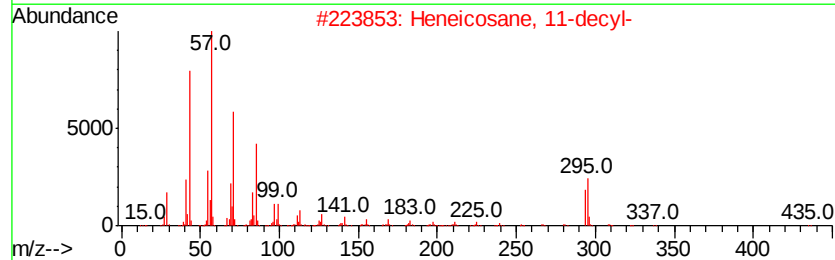
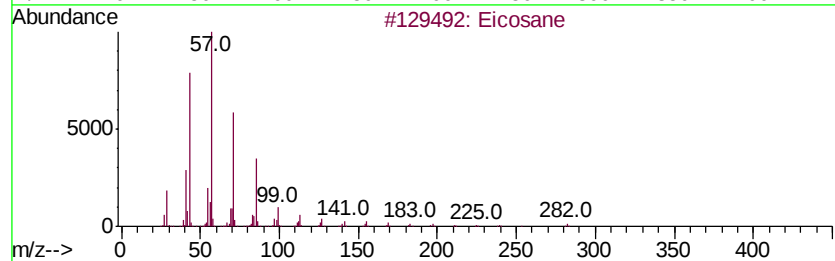
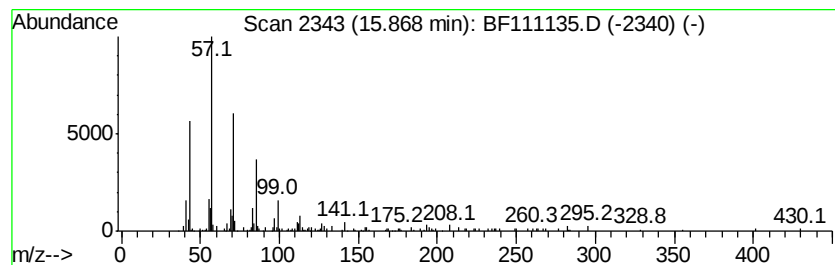
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.02 ng	269702	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111135.D
Acq On : 6 Dec 2018 13:46
Operator : JU/SJ
Sample : J6206-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

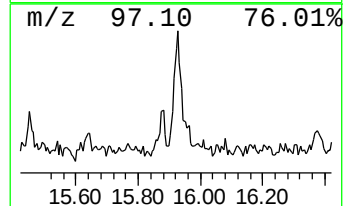
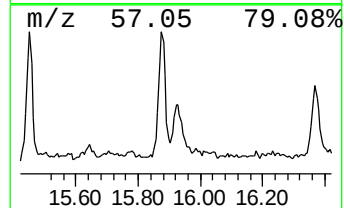
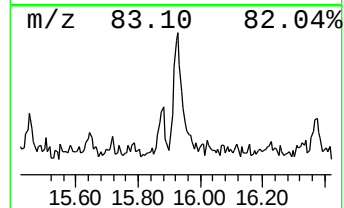
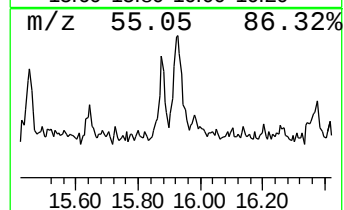
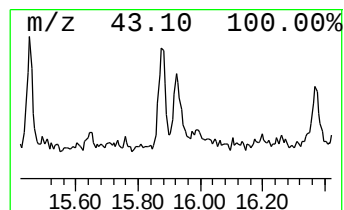
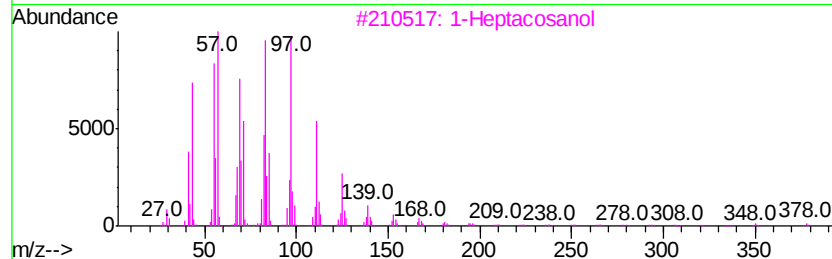
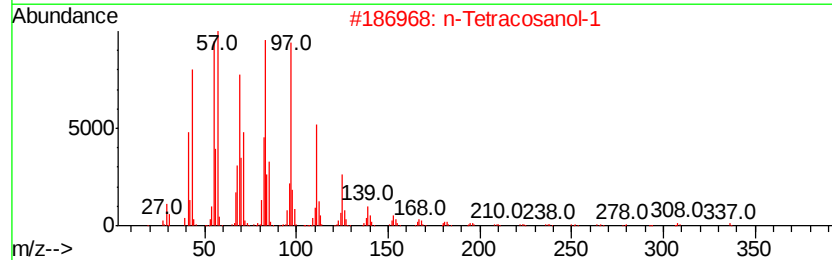
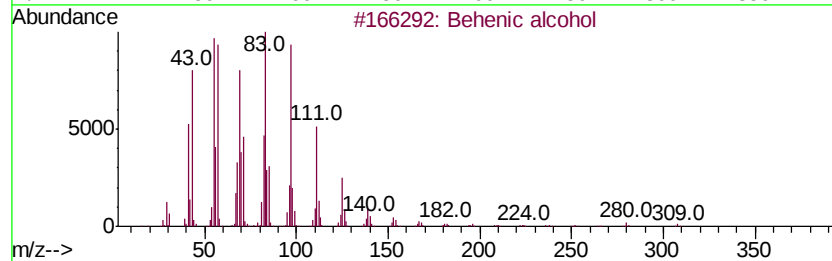
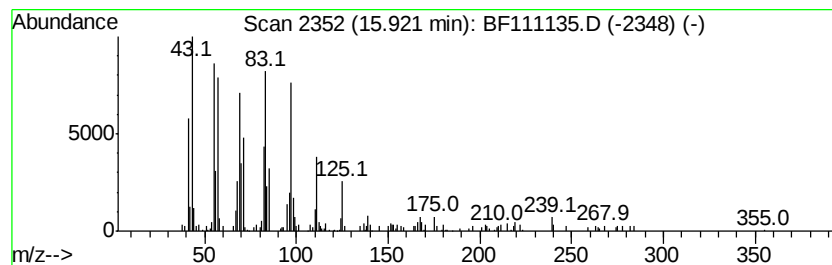
Instrument :
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ClientSampleId :
HLSP-SB-6B-(2-5)

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 9 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.28 ng	303471	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		1-Heptacosanol	396 C27H56O	002004-39-9 94
4		Octacosyl acetate	452 C30H60O2	018206-97-8 94
5		Cyclopentadecane	210 C15H30	000295-48-7 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111135.D
Acq On : 6 Dec 2018 13:46
Operator : JU/SJ
Sample : J6206-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

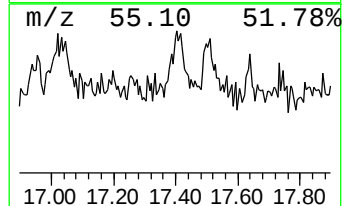
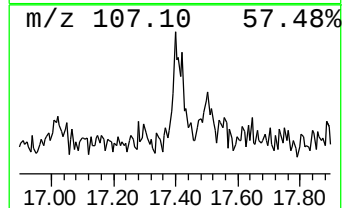
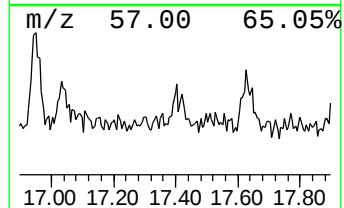
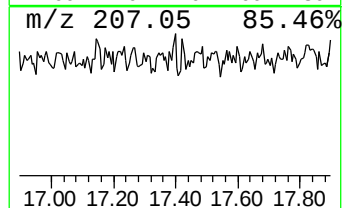
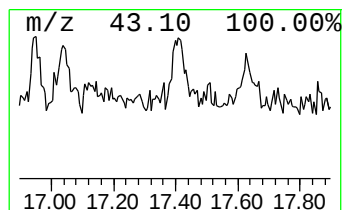
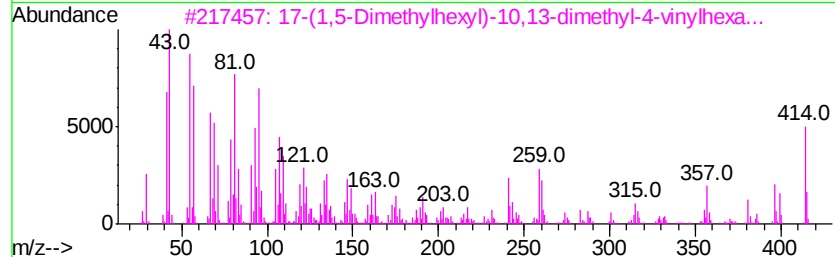
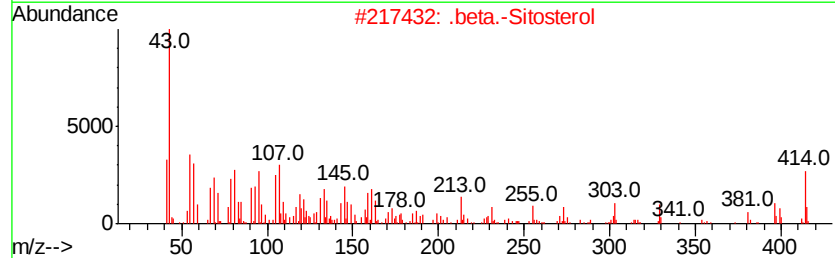
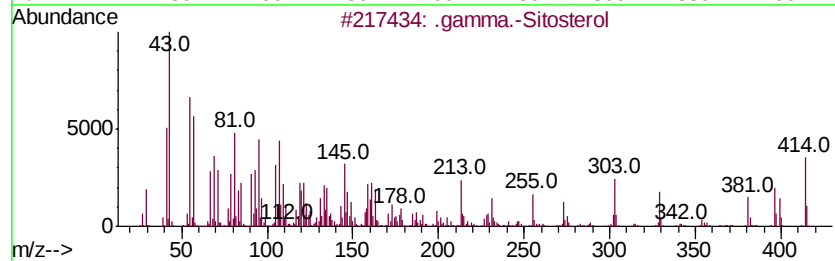
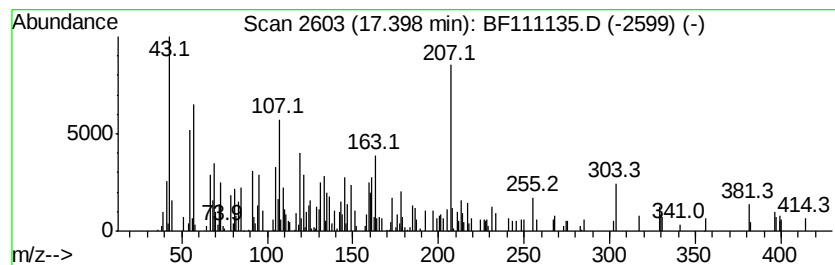
Instrument :
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ClientSampleId :
HLSP-SB-6B-(2-5)

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 10 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.40	2.01 ng	267818	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	78
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	47
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	38
5	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
Data File : BF111135.D
Acq On : 6 Dec 2018 13:46
Operator : JU/SJ
Sample : J6206-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-6B-(2-5)

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
2-Pentanone, 4-hy...	5.02	6.4	ng	911566	1	6.80	2866880	20.0
unknown6.57	6.57	94.6	ng	13554400	1	6.80	2866880	20.0
n-Hexadecanoic acid	11.86	11.7	ng	2382780	4	11.32	4072300	20.0
Octadecanoic acid	12.65	5.8	ng	1028000	5	13.96	3565300	20.0
1-Heneicosanol	13.82	9.3	ng	1666270	5	13.96	3565300	20.0
Heneicosane	15.08	2.1	ng	284646	6	15.39	2664730	20.0
Eicosane	15.87	2.0	ng	269702	6	15.39	2664730	20.0
Behenic alcohol	15.92	2.3	ng	303471	6	15.39	2664730	20.0
.gamma.-Sitosterol	17.40	2.0	ng	267818	6	15.39	2664730	20.0