

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111153.D
 Acq On : 6 Dec 2018 22:11
 Operator : JU/SJ
 Sample : J6204-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-8A-(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	5.016	488	498	506	rVB	565282	791198	5.97%	0.552%
2	5.422	561	567	570	rBV	11343815	11681033	88.15%	8.150%
3	6.434	733	739	744	rBV2	11029688	13250955	100.00%	9.246%
4	6.575	758	763	766	rBV	12470454	12119301	91.46%	8.456%
5	6.804	798	802	806	rBV	3641451	2850343	21.51%	1.989%
6	6.963	825	829	832	rBV	10742908	9166942	69.18%	6.396%
7	7.363	892	897	900	rBV	8186091	8104115	61.16%	5.655%
8	8.086	1016	1020	1023	rBV	4405855	3678259	27.76%	2.566%
9	9.163	1198	1203	1206	rBV	13470644	12862556	97.07%	8.975%
10	9.551	1266	1269	1272	rBV	789286	631694	4.77%	0.441%
11	9.839	1314	1318	1322	rVB	4903918	3959250	29.88%	2.763%
12	10.627	1447	1452	1455	rBV	7594925	7454799	56.26%	5.202%
13	11.322	1566	1570	1573	rBV	4420513	3589542	27.09%	2.505%
14	11.857	1657	1661	1672	rBV	1797464	1735247	13.10%	1.211%
15	12.527	1772	1775	1779	rBV	131559	184504	1.39%	0.129%
16	12.639	1791	1794	1808	rBV	964291	1005266	7.59%	0.701%
17	12.910	1835	1840	1843	rBV	10014909	8941042	67.47%	6.239%
18	13.127	1873	1877	1879	rBV	190211	202576	1.53%	0.141%
19	13.810	1989	1993	2001	rBV	1899534	2110239	15.93%	1.472%
20	13.951	2013	2017	2021	rBV	2588134	2488217	18.78%	1.736%
21	14.027	2027	2030	2035	rBV	300573	337382	2.55%	0.235%
22	14.139	2045	2049	2052	rBV	251466	284915	2.15%	0.199%
23	14.257	2066	2069	2075	rVB	355330	316514	2.39%	0.221%
24	14.445	2098	2101	2107	rBV	3341101	3326941	25.11%	2.321%
25	14.651	2132	2136	2142	rBV	295921	395431	2.98%	0.276%
26	14.745	2149	2152	2161	rVV2	220689	404841	3.06%	0.282%
27	14.821	2161	2165	2168	rVV	411177	439768	3.32%	0.307%
28	14.886	2172	2176	2182	rVB	1045652	1057999	7.98%	0.738%
29	14.974	2188	2191	2194	rBV2	112115	143245	1.08%	0.100%
30	15.080	2204	2209	2210	rBV	2182280	2481023	18.72%	1.731%
31	15.098	2210	2212	2218	rVV	2092632	2325068	17.55%	1.622%
32	15.151	2219	2221	2230	rVB4	152201	231176	1.74%	0.161%
33	15.239	2233	2236	2239	rBV	168370	172775	1.30%	0.121%
34	15.392	2257	2262	2267	rVB	2053255	2470693	18.65%	1.724%

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Instrument :
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ClientSampleId :
HLSP-SB-8A-(0-2)

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	15.445	2267	2271	2275	rBV	259304	370273	2.79%	0.258%
36	15.480	2275	2277	2284	rVB5	121009	149207	1.13%	0.104%
37	15.639	2299	2304	2315	rBV	1698278	2270930	17.14%	1.585%
38	15.874	2338	2344	2348	rBV	2773737	4153139	31.34%	2.898%
39	15.921	2348	2352	2359	rVV	1505396	2365038	17.85%	1.650%
40	15.986	2359	2363	2367	rVV	299944	509157	3.84%	0.355%
41	16.021	2367	2369	2373	rVB3	182775	212980	1.61%	0.149%
42	16.104	2379	2383	2392	rVB4	224322	439546	3.32%	0.307%
43	16.368	2424	2428	2433	rVB2	154282	248259	1.87%	0.173%
44	16.427	2435	2438	2444	rBV3	101622	169690	1.28%	0.118%
45	16.645	2469	2475	2484	rBV2	945842	1784793	13.47%	1.245%
46	16.951	2520	2527	2532	rBV	729476	1495414	11.29%	1.043%
47	17.027	2533	2540	2550	rVV	980713	2527332	19.07%	1.763%
48	17.121	2550	2556	2570	rVB2	556363	1299512	9.81%	0.907%
49	17.404	2597	2604	2613	rBV3	648752	1519875	11.47%	1.060%
50	18.039	2706	2712	2719	rBV3	264951	625392	4.72%	0.436%
51	18.398	2767	2773	2787	rVB8	206477	615301	4.64%	0.429%
52	18.580	2799	2804	2815	rVV5	193578	518706	3.91%	0.362%
53	18.698	2818	2824	2838	rVB4	273848	850307	6.42%	0.593%

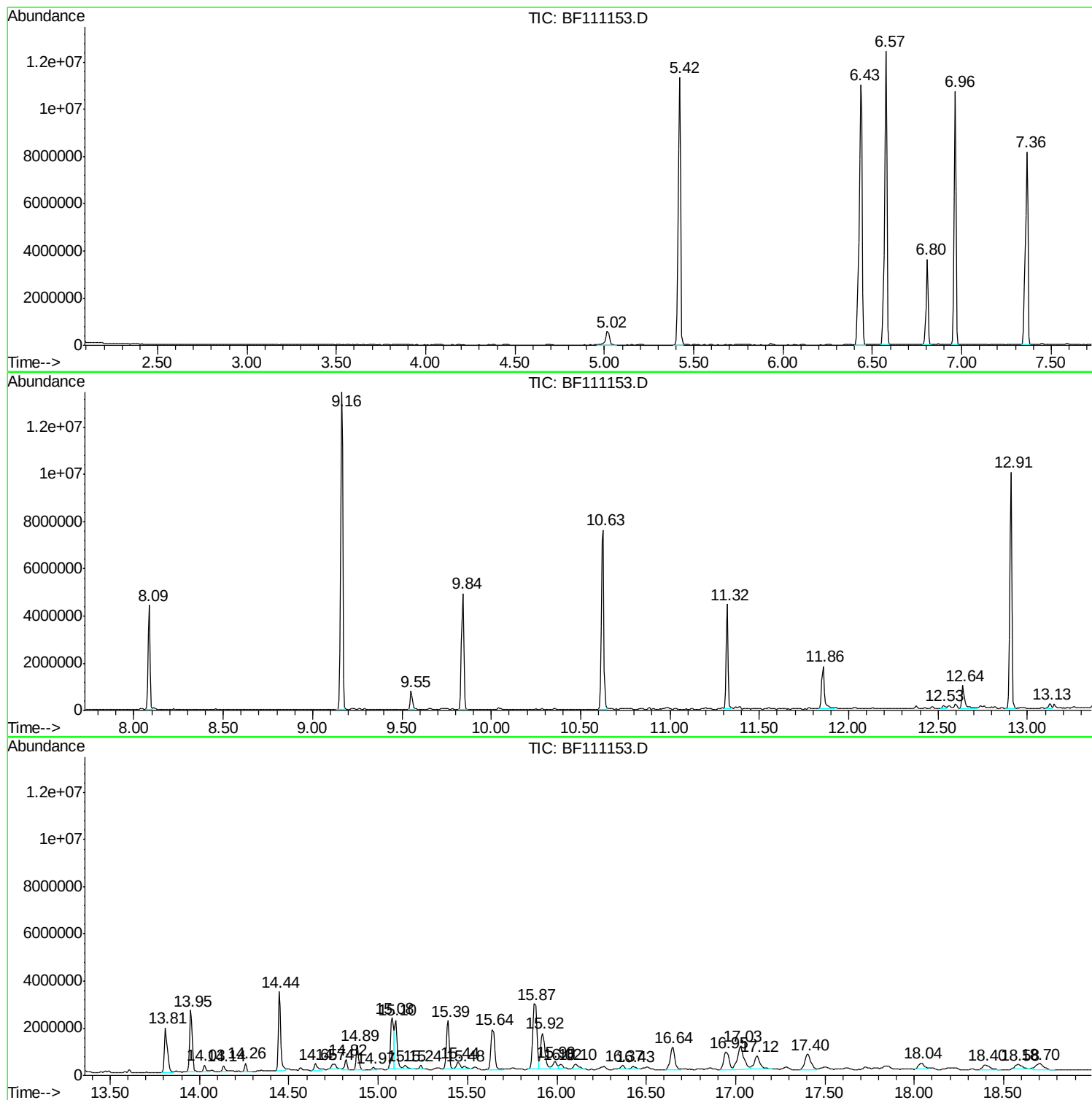
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ClientSampled :
HLSP-SB-8A-(0-2)

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



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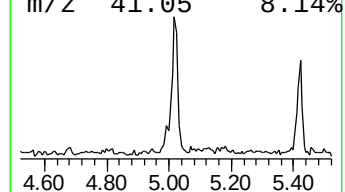
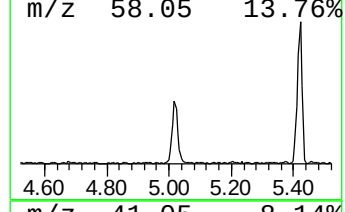
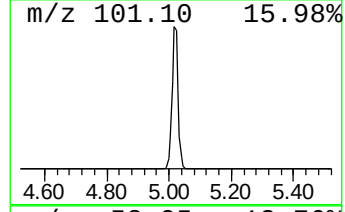
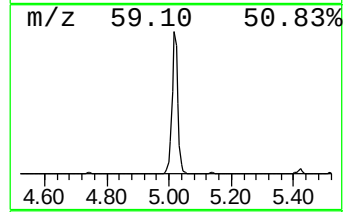
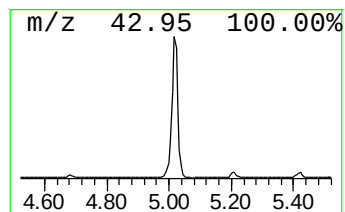
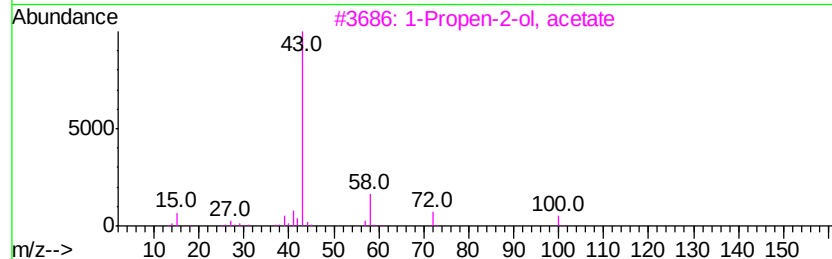
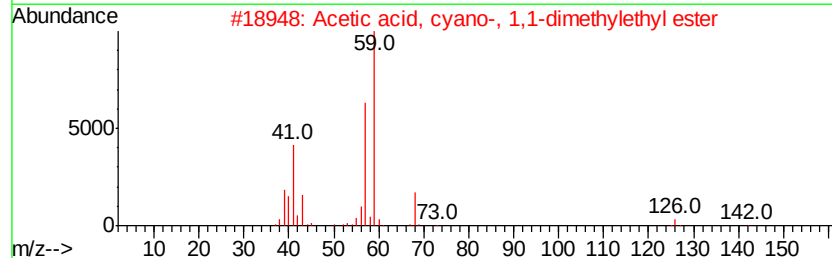
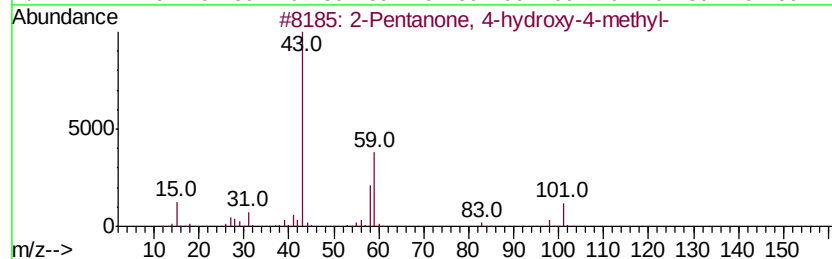
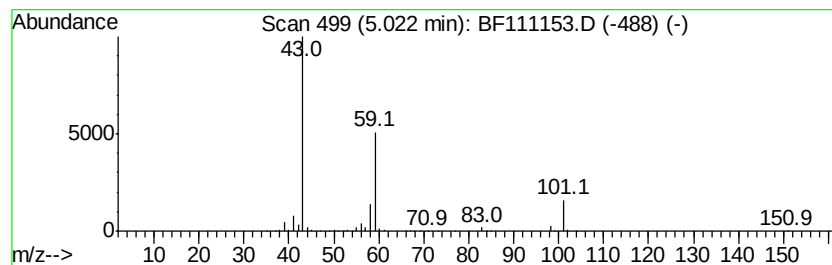
Instrument :
BNA_F
ClientSampleId :
HLSP-SB-8A-(0-2)

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 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.02	5.55 ng	791198	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	56
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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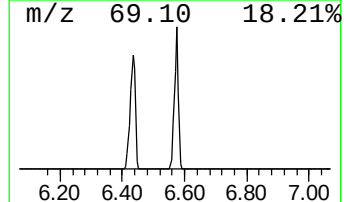
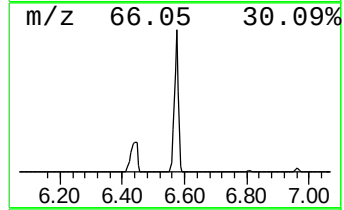
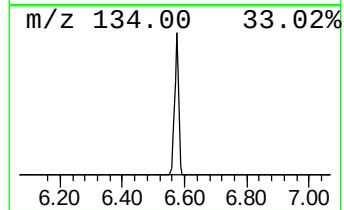
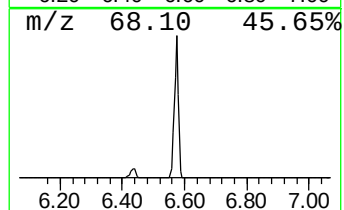
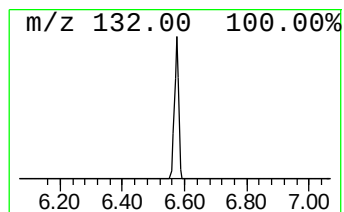
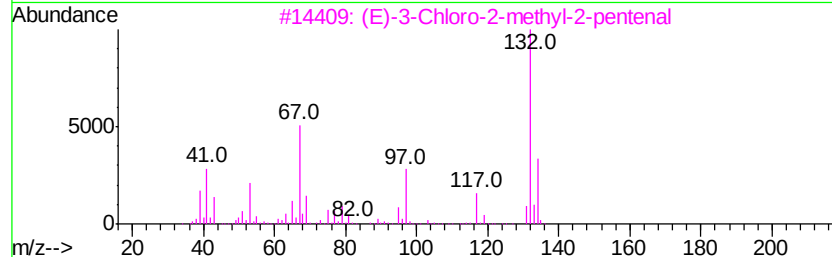
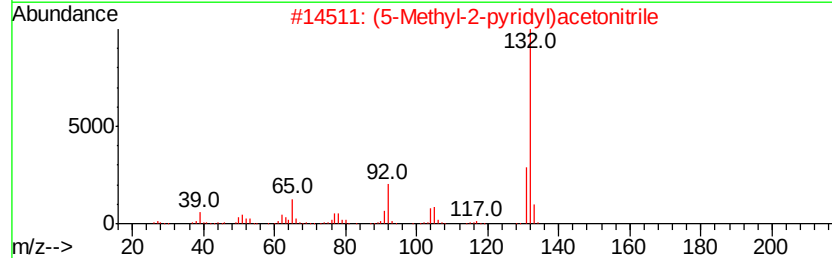
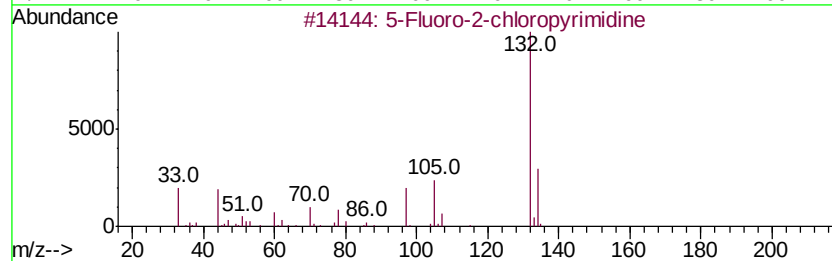
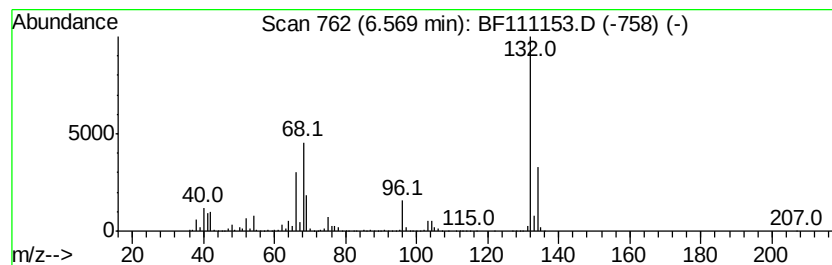
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	85.04 ng	12119300	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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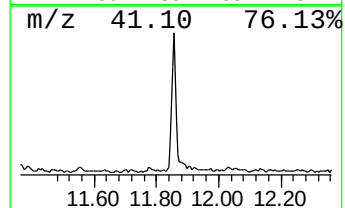
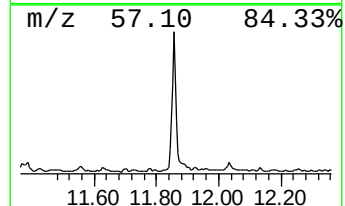
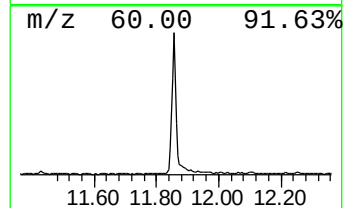
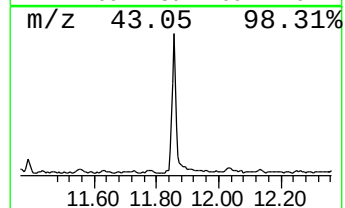
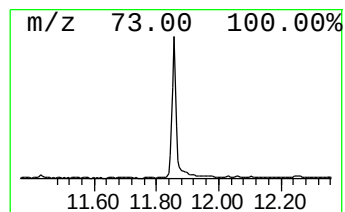
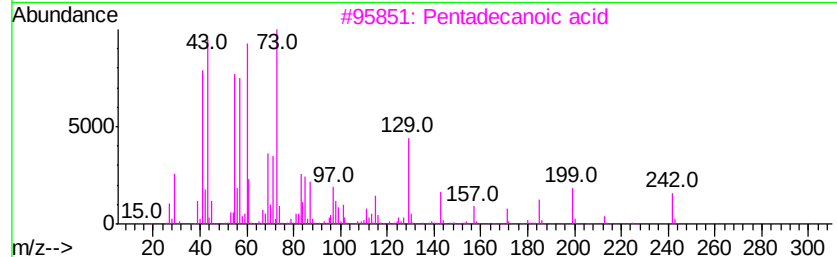
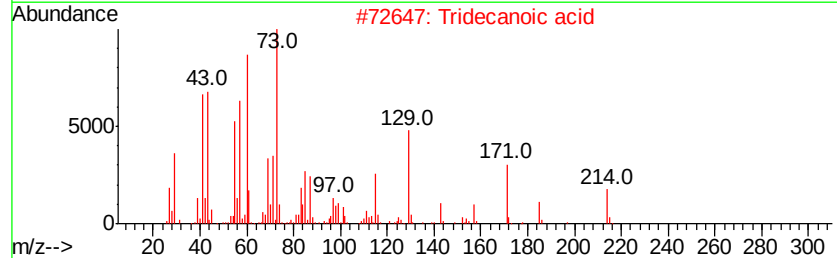
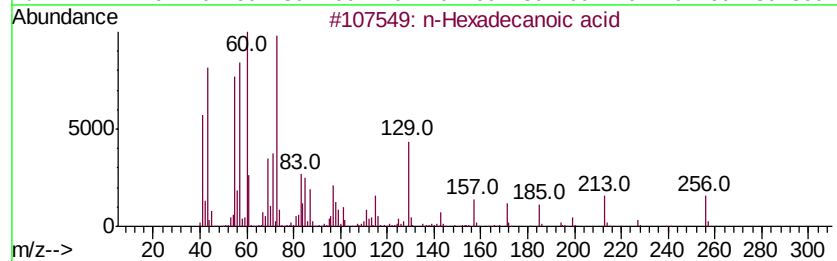
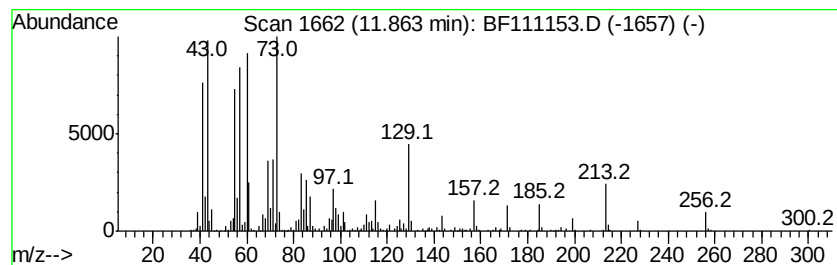
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	9.67 ng	1735250	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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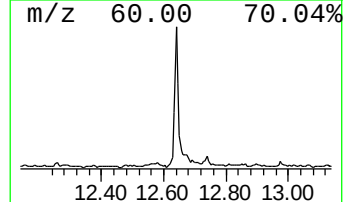
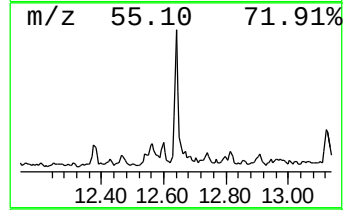
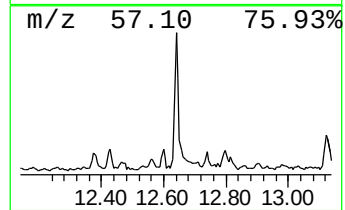
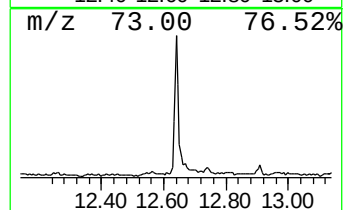
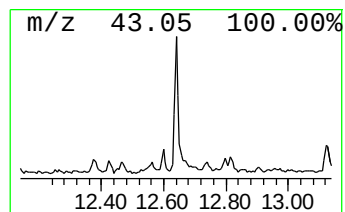
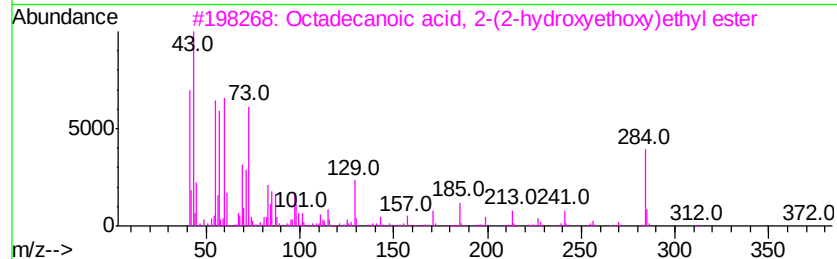
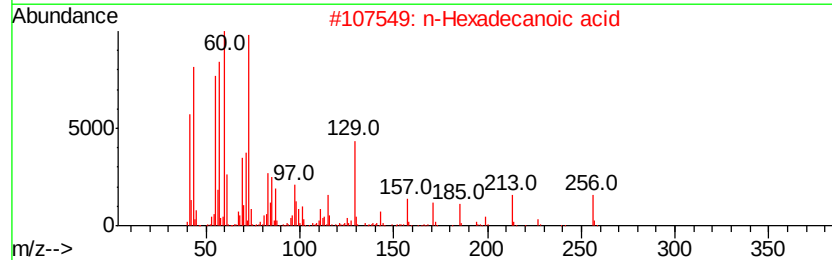
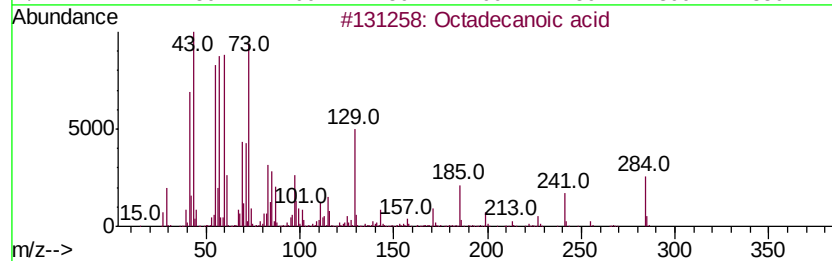
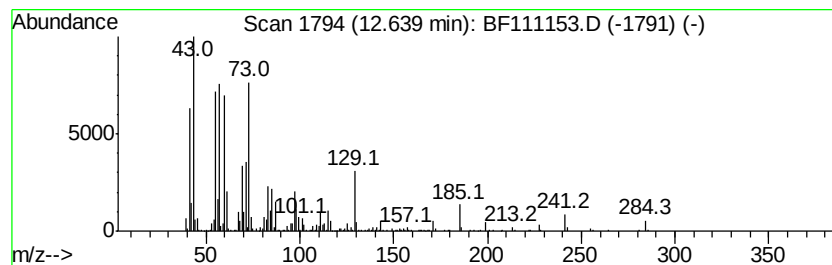
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	8.08 ng	1005270	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70



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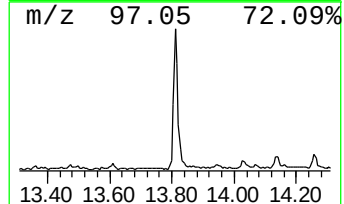
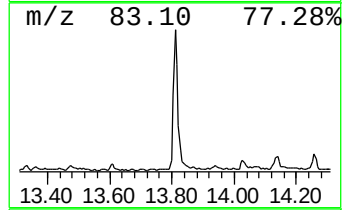
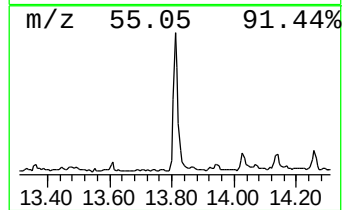
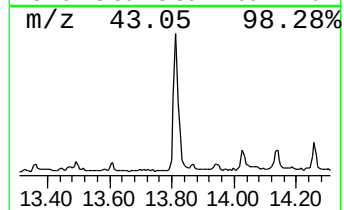
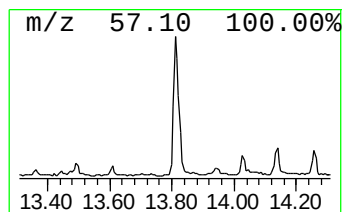
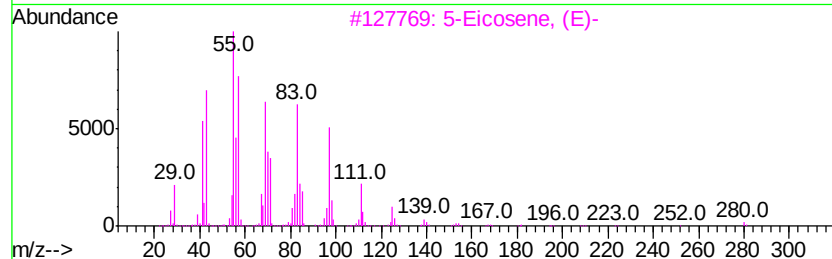
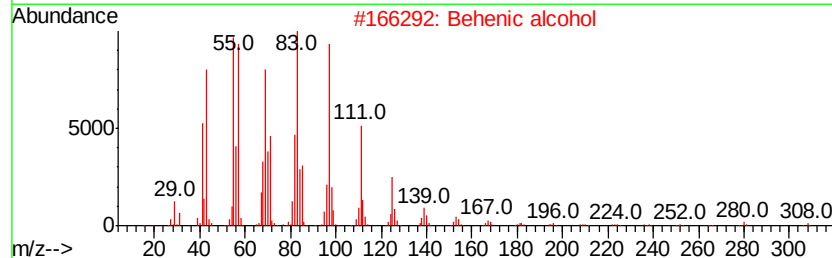
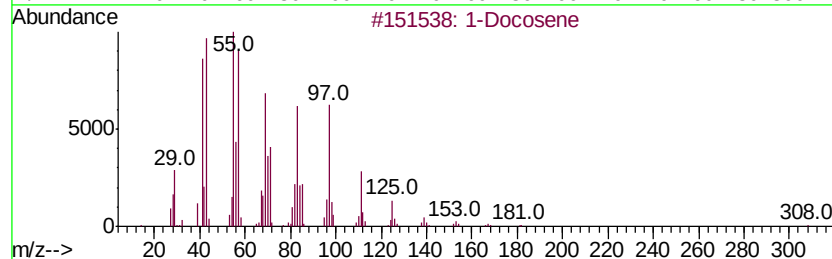
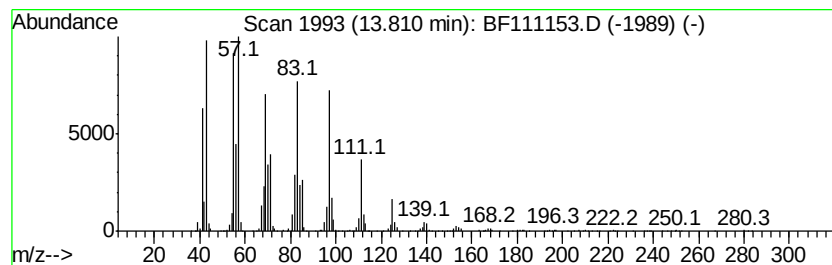
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	16.96 ng	2110240	Chrysene-d12	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	94
2	Behenic alcohol	326 C22H46O	000661-19-8	91
3	5-Eicosene, (E)-	280 C20H40	074685-30-6	91
4	1-Nonadecene	266 C19H38	018435-45-5	91
5	Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

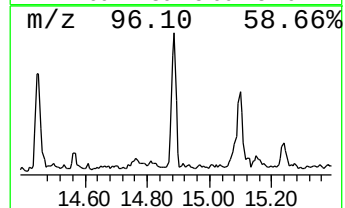
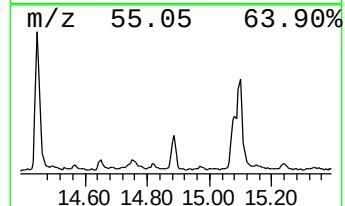
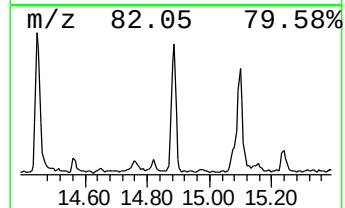
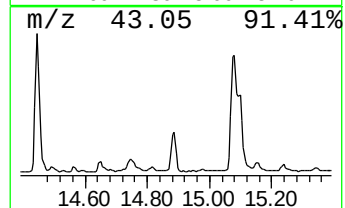
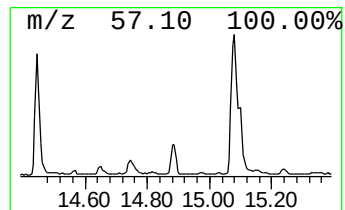
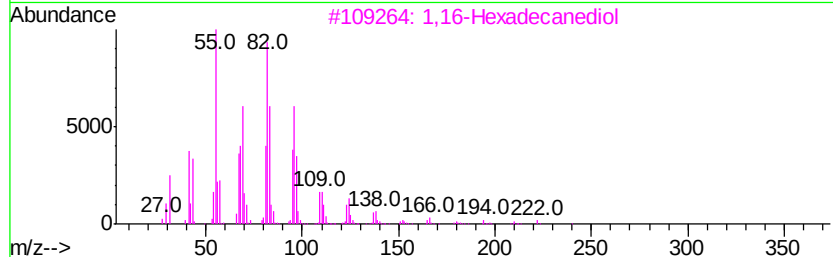
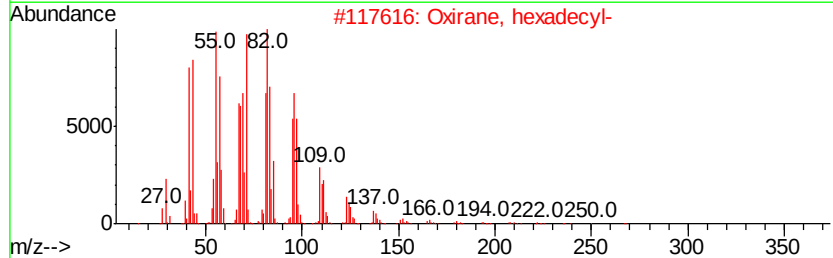
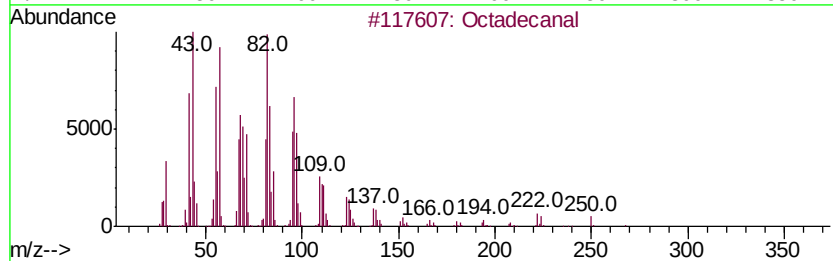
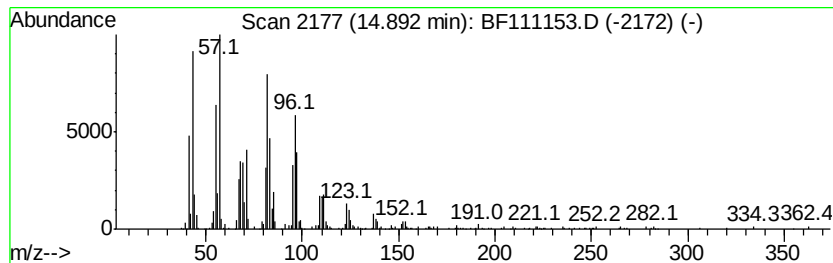
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.89	8.56 ng	1058000	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

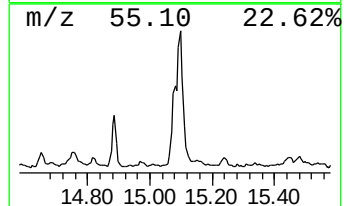
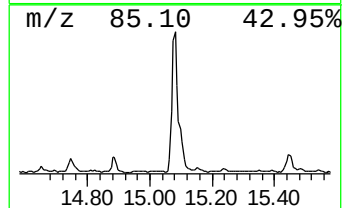
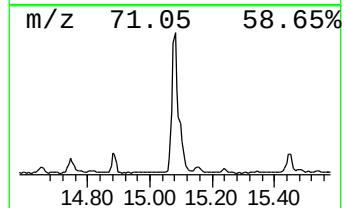
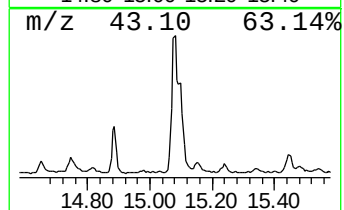
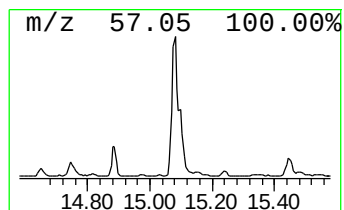
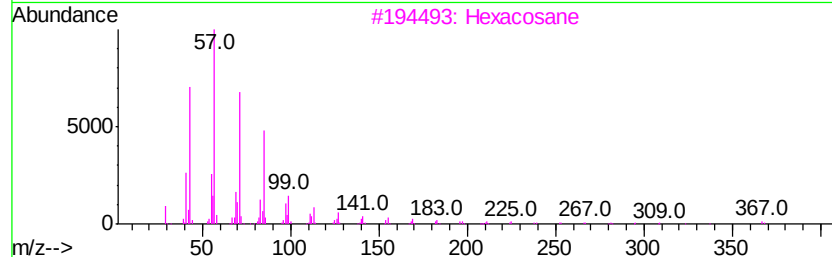
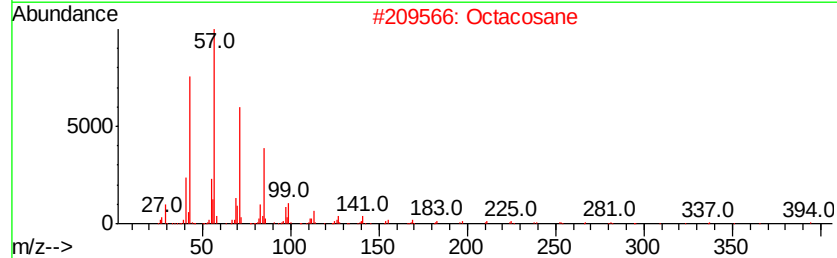
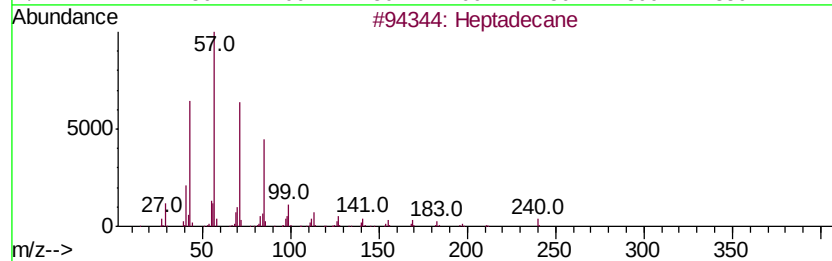
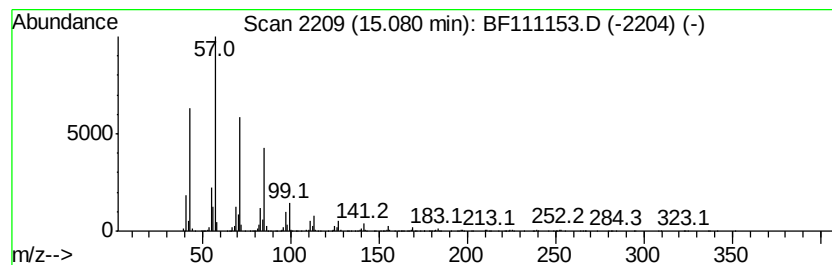
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	20.08 ng	2481020	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	Heptacosane	380 C27H56	000593-49-7	91
5	Tetracosane	338 C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
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Instrument :
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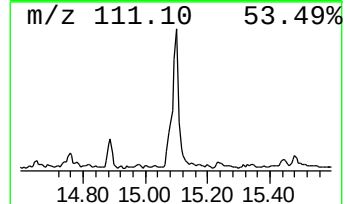
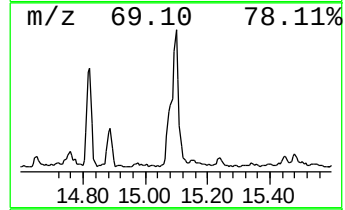
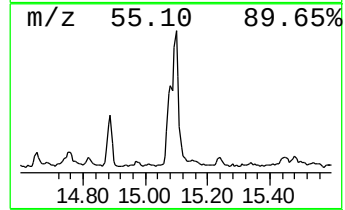
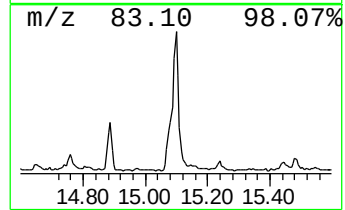
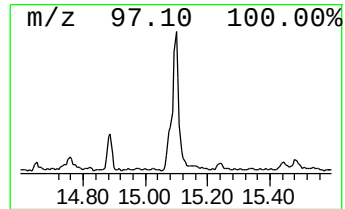
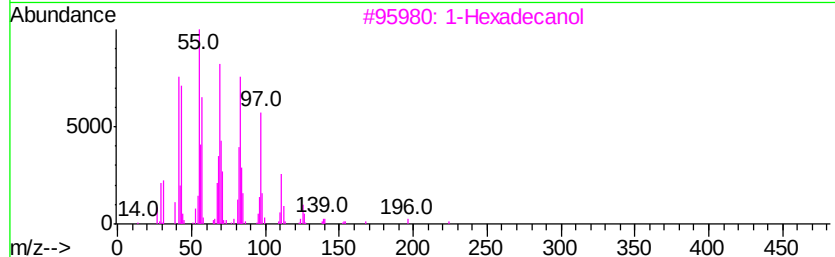
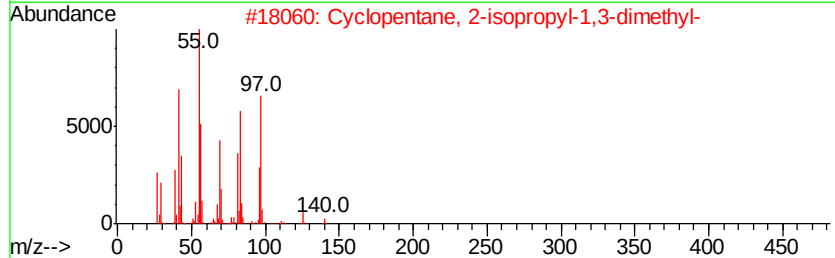
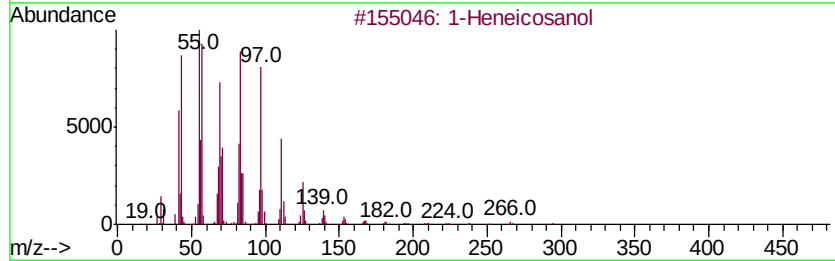
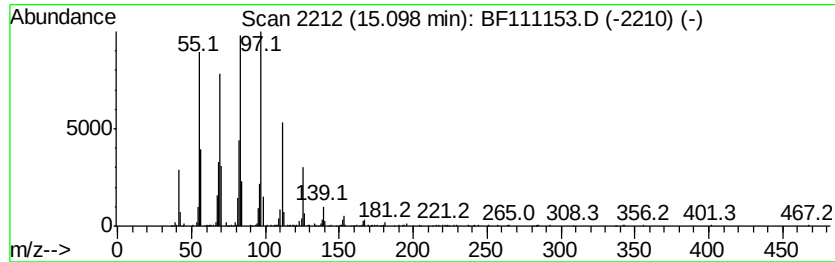
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	18.82 ng	2325070	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	91
2		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	53
3		1-Hexadecanol	242	C16H34O	036653-82-4	47
4		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	47
5		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	43



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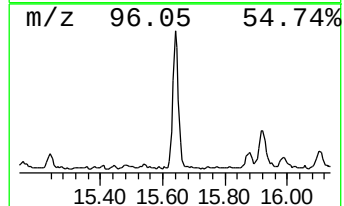
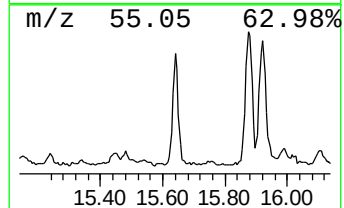
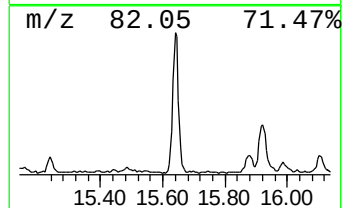
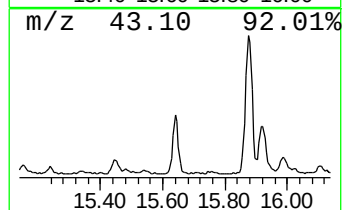
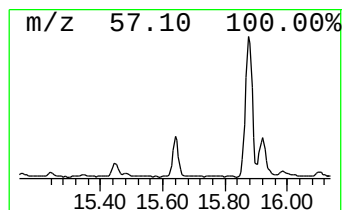
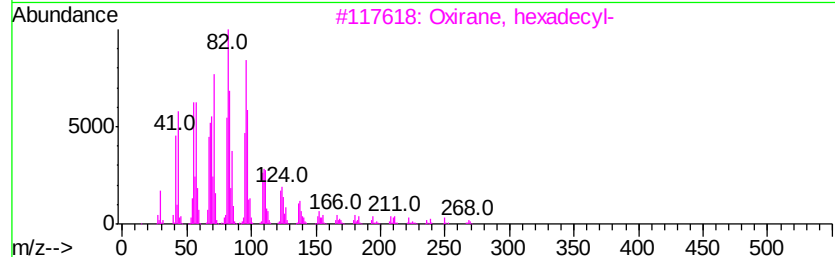
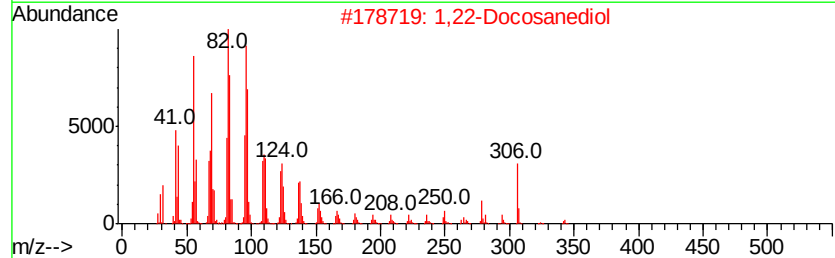
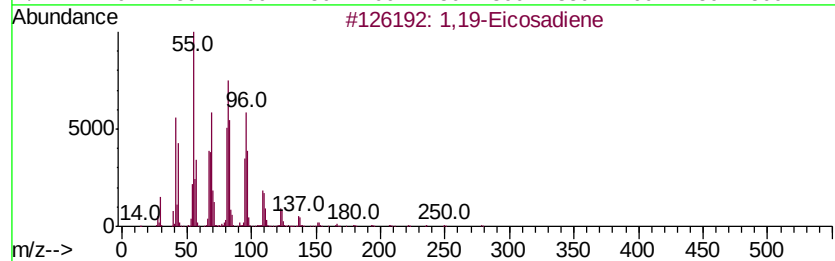
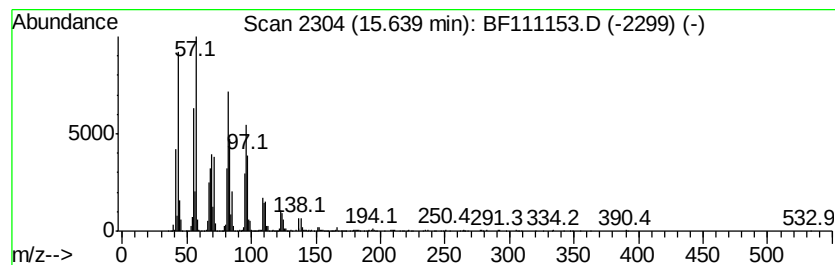
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.64	18.38 ng	2270930	Perylene-d12		15.39		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	93
2			1,22-Docosanediol	342	C22H46O2	022513-81-1	93
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
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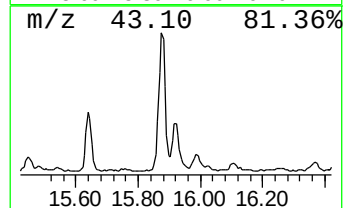
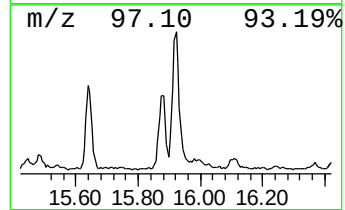
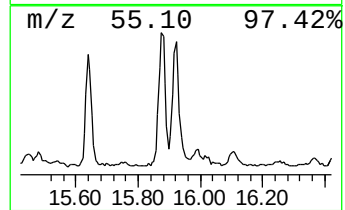
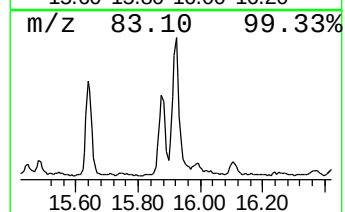
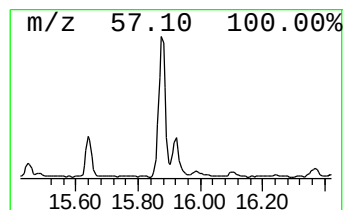
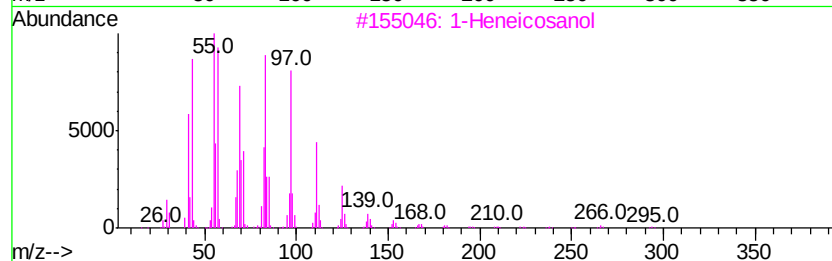
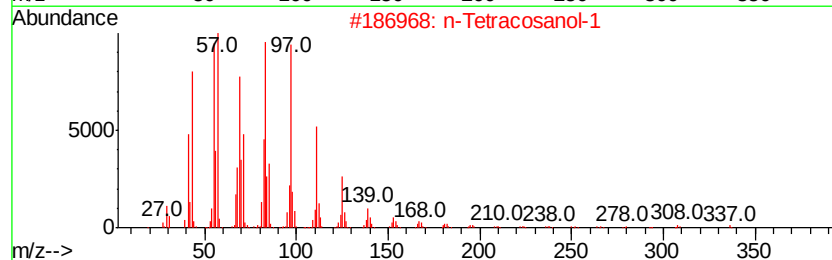
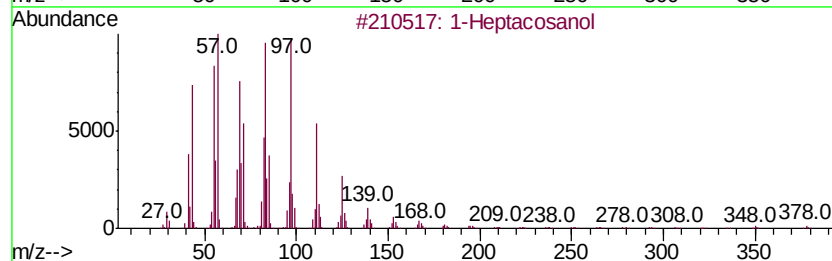
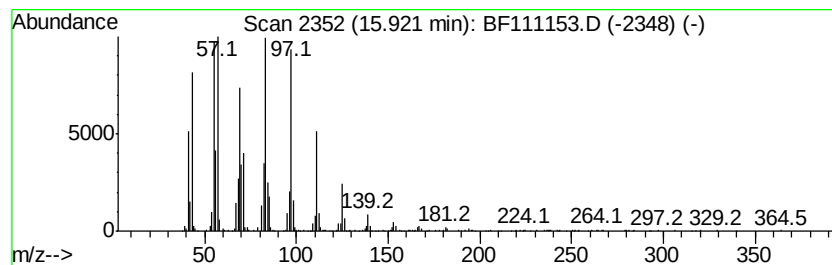
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	19.14 ng	2365040	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Nonadecene	266	C19H38	018435-45-5	80



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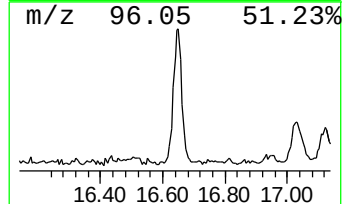
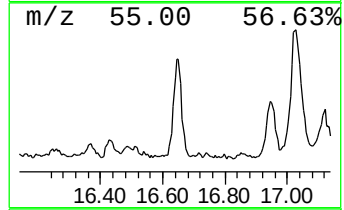
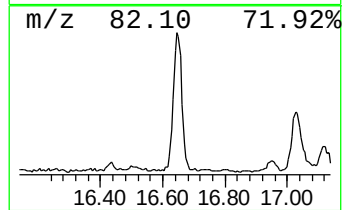
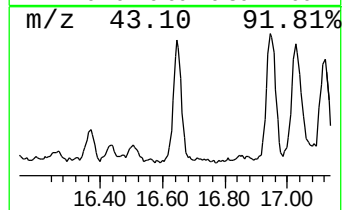
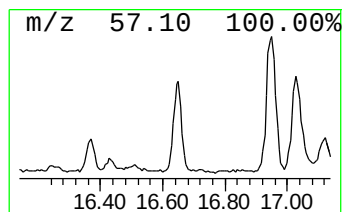
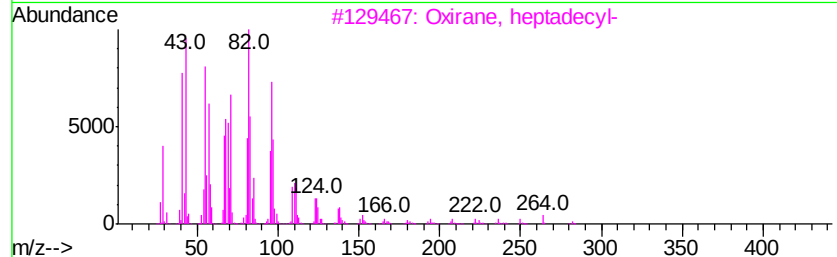
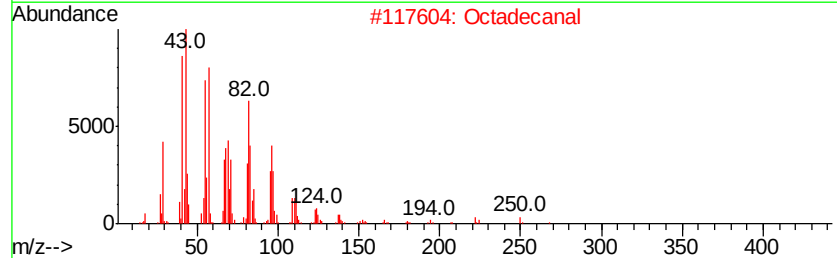
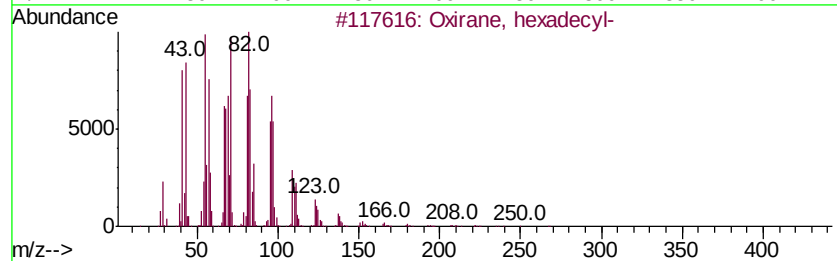
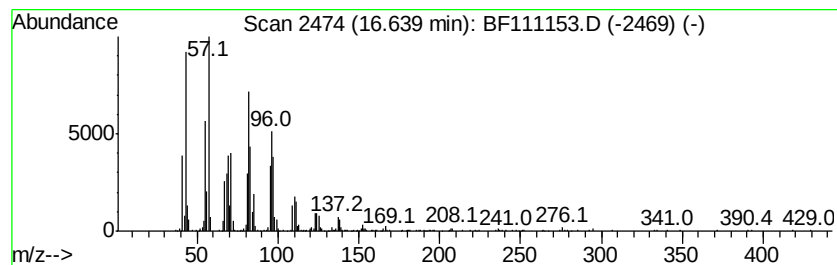
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.64	14.45 ng	1784790	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Octadecanal	268	C18H36O	000638-66-4	86
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
4	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64
5	1,30-Triacontanediol	454	C30H62O2	036645-68-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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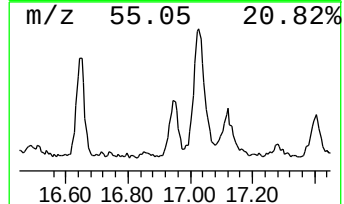
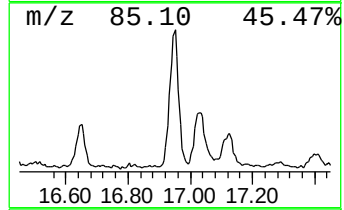
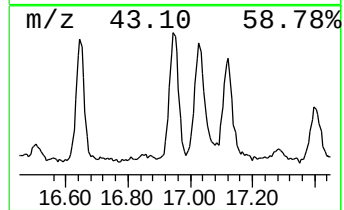
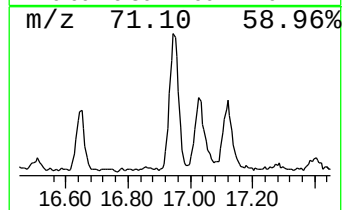
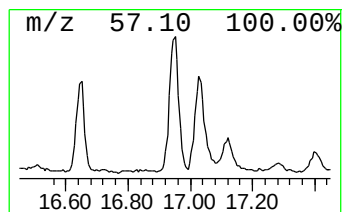
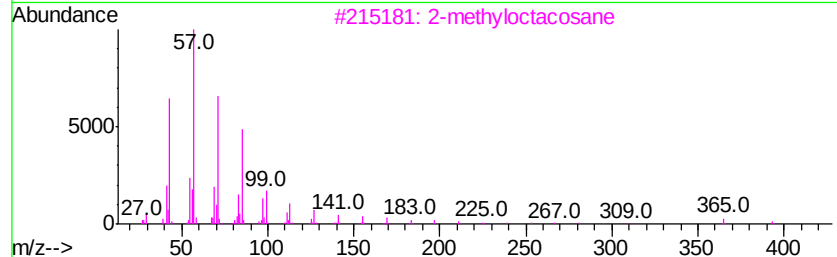
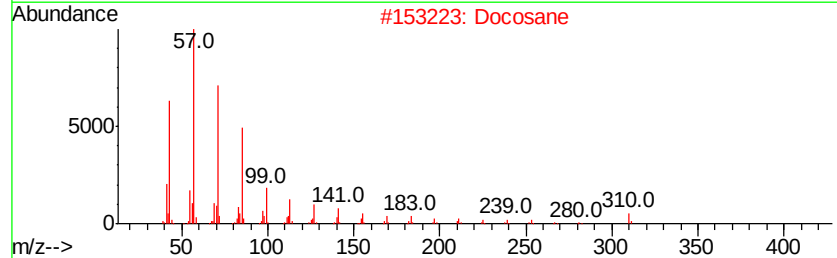
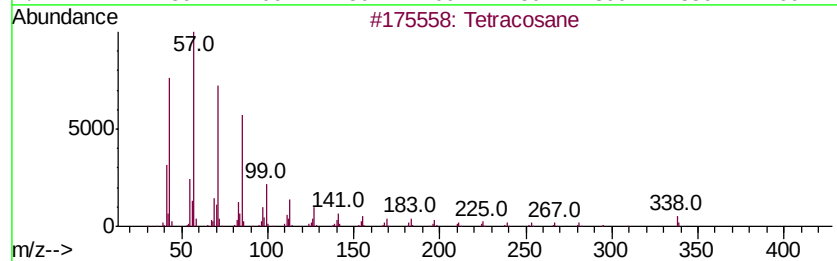
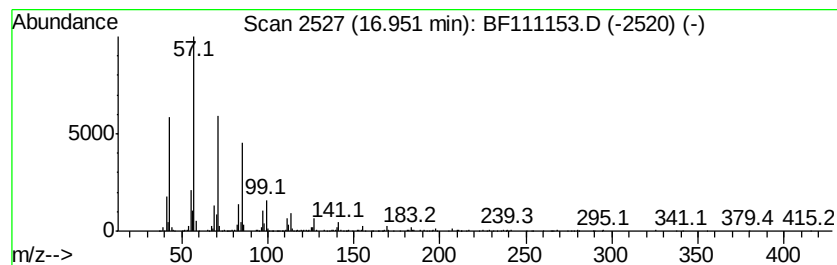
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HLSP-SB-8A-(0-2)

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 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	12.11 ng	1495410	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 91
2		Docosane	310 C22H46	000629-97-0 91
3		2-methyloctacosane	408 C29H60	1000376-72-8 91
4		Eicosane, 7-hexyl-	366 C26H54	055333-99-8 90
5		Heptadecane	240 C17H36	000629-78-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-8A-(0-2)

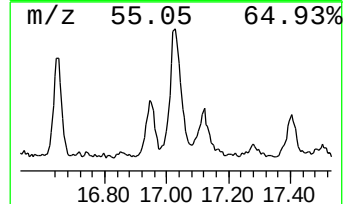
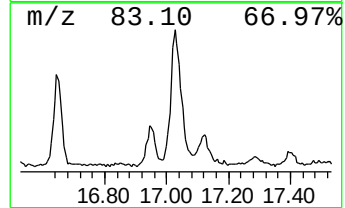
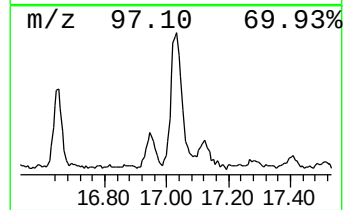
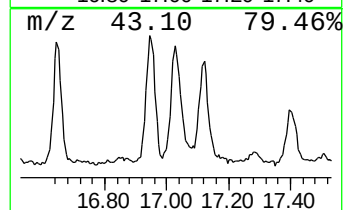
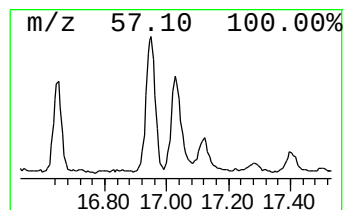
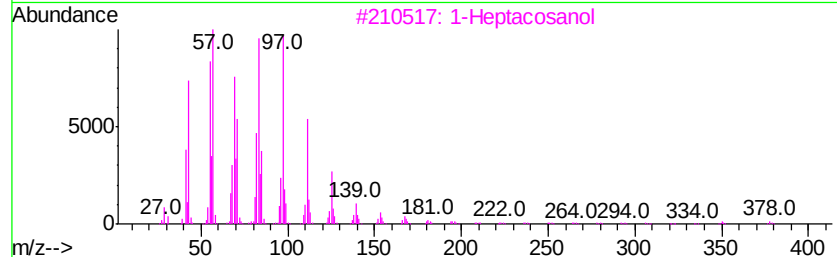
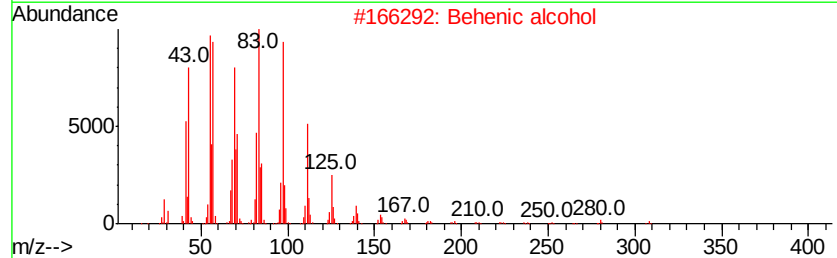
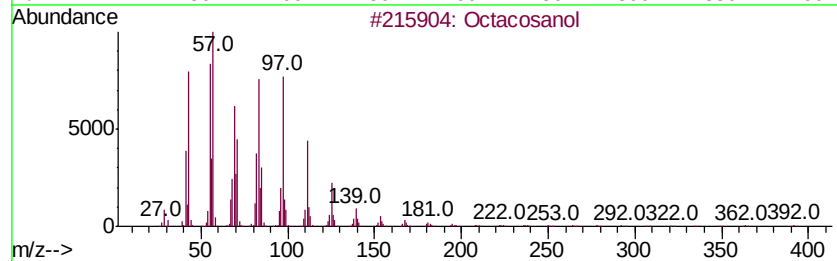
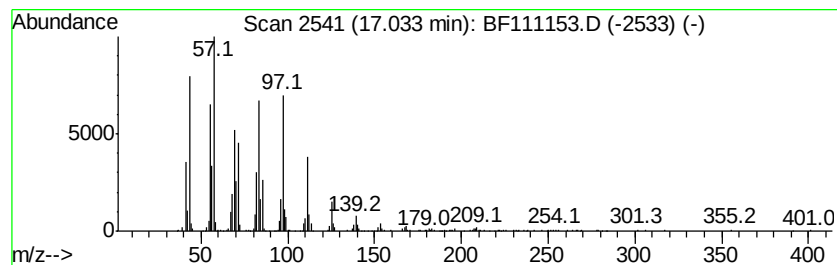
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	20.46 ng	2527330	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HLSP-SB-8A-(0-2)

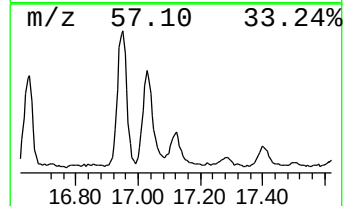
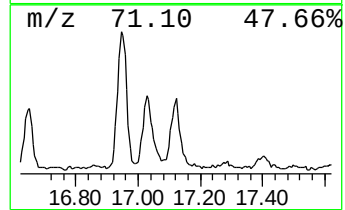
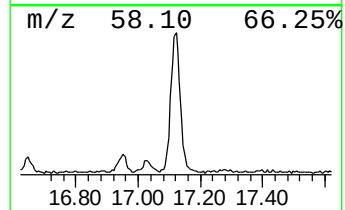
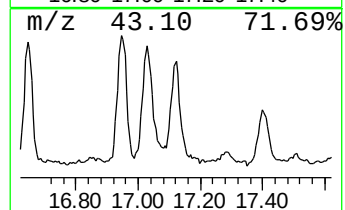
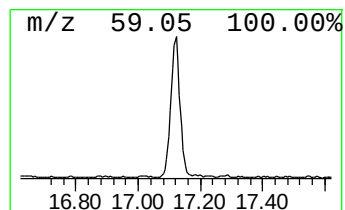
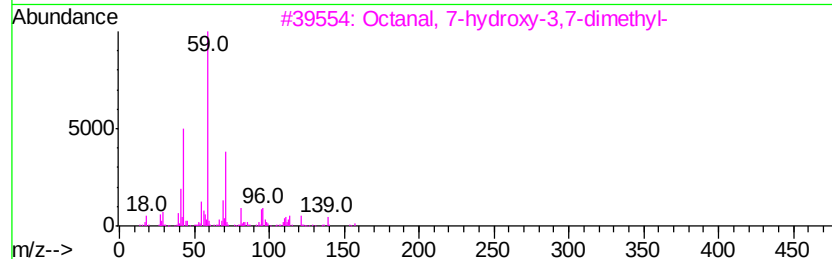
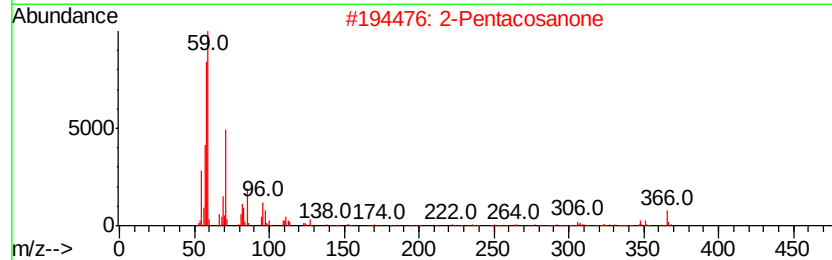
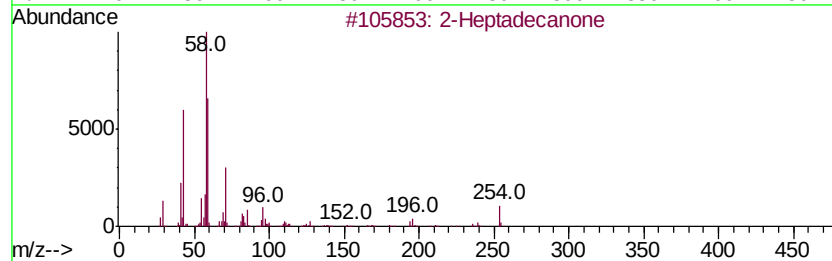
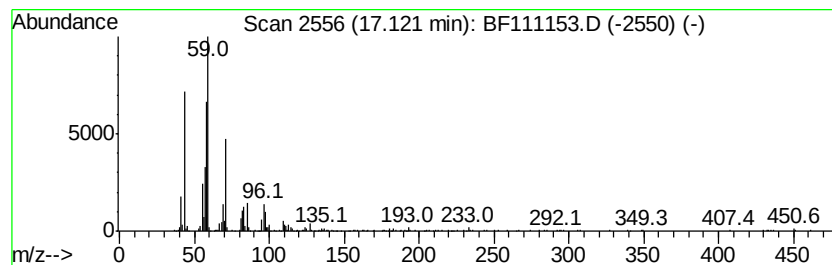
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Heptadecanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	10.52 ng	1299510	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptadecanone	254	C17H34O	002922-51-2	59
2		2-Pentacosanone	366	C25H50O	075207-54-4	52
3		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	50
4		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	47
5		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

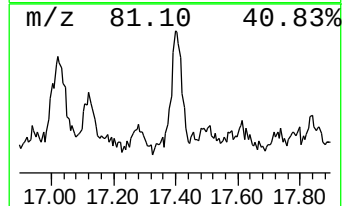
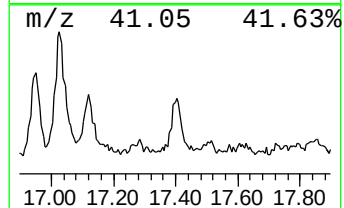
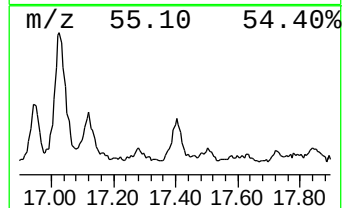
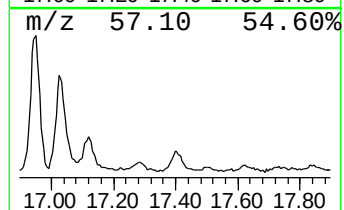
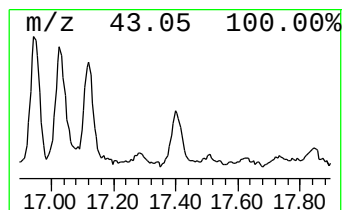
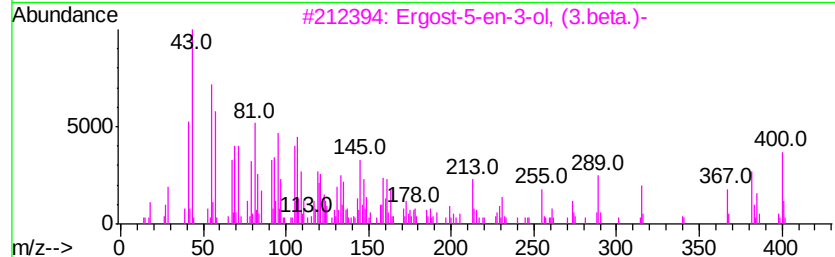
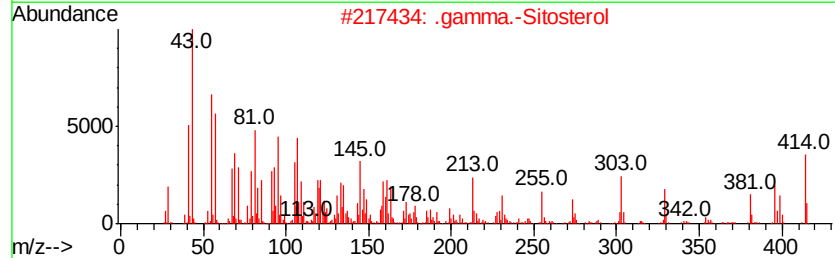
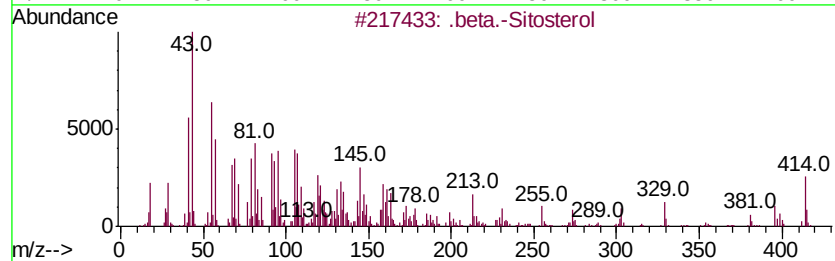
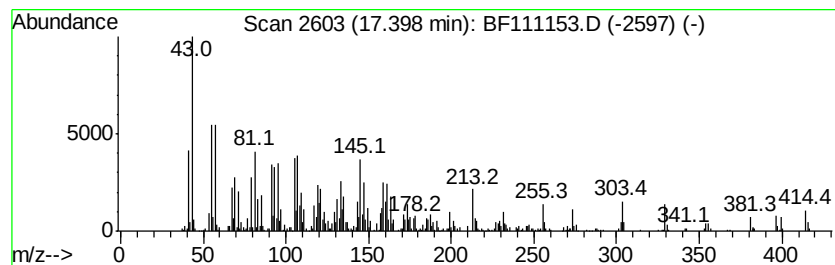
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.40	12.30 ng	1519880	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	76
4	Campesterol	400	C28H48O	000474-62-4	58
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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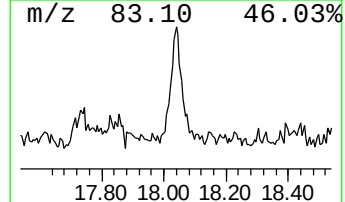
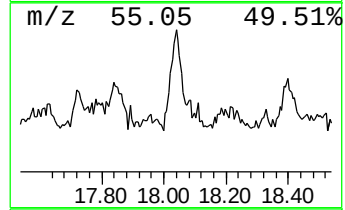
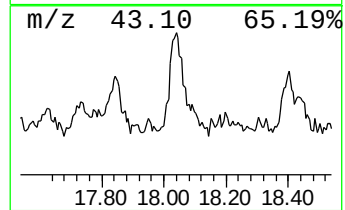
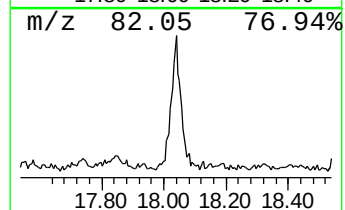
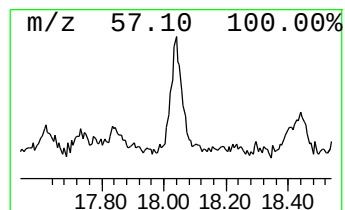
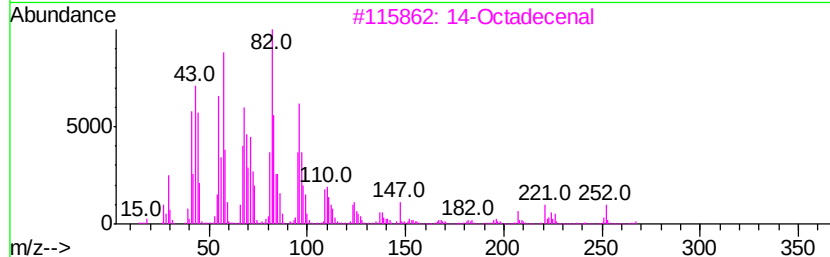
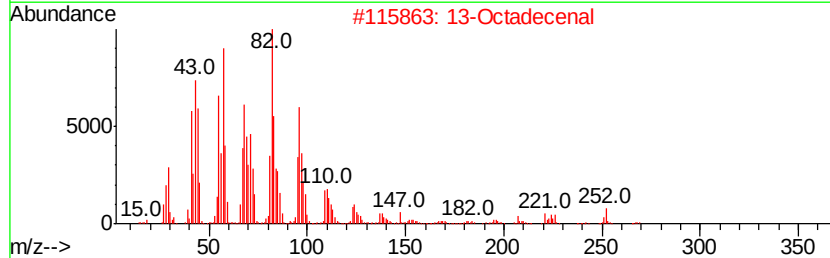
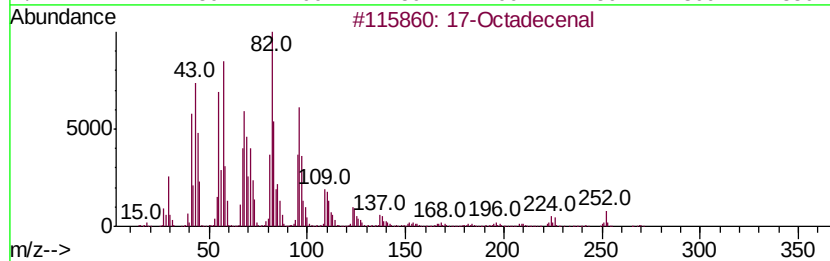
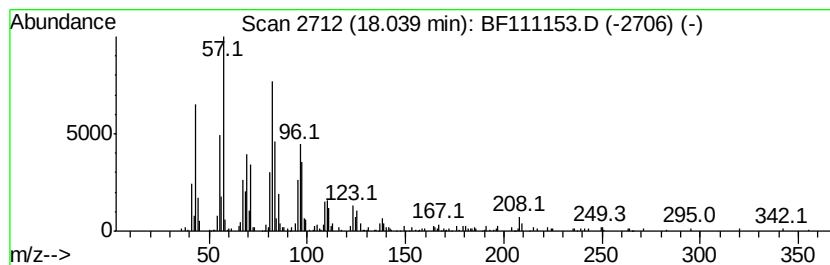
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 17-Octadecenal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.06 ng	625392	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Octadecenal	266	C18H34O	056554-86-0	93
2		13-Octadecenal	266	C18H34O	056554-90-6	87
3		14-Octadecenal	266	C18H34O	056554-89-3	87
4		Hexadecanal	240	C16H32O	000629-80-1	86
5		Octadecanal	268	C18H36O	000638-66-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111153.D
Acq On : 6 Dec 2018 22:11
Operator : JU/SJ
Sample : J6204-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HLSP-SB-8A-(0-2)

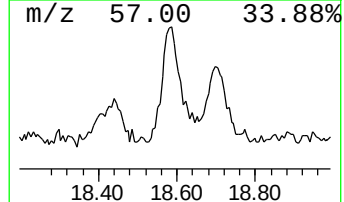
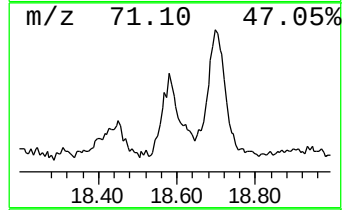
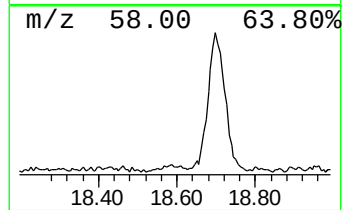
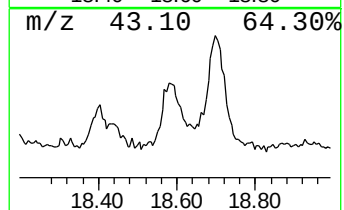
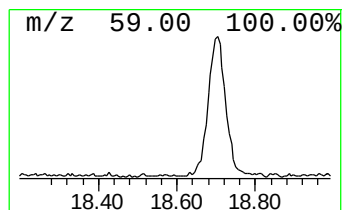
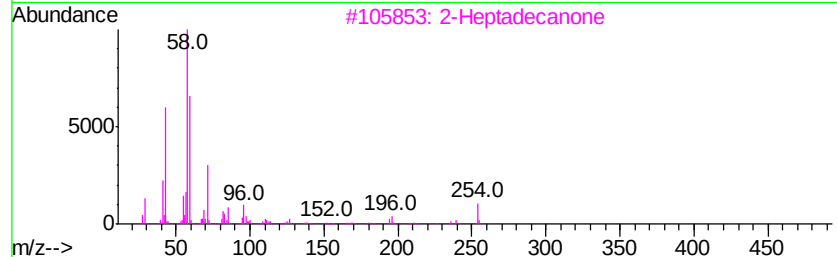
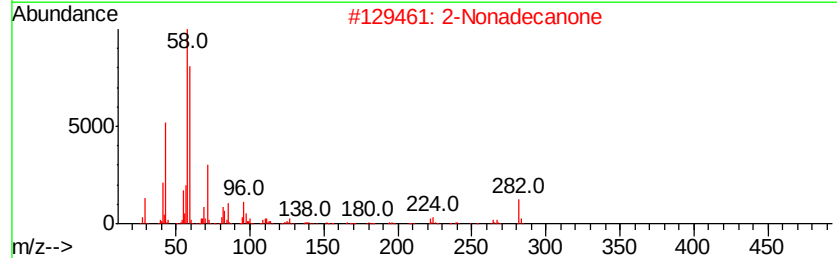
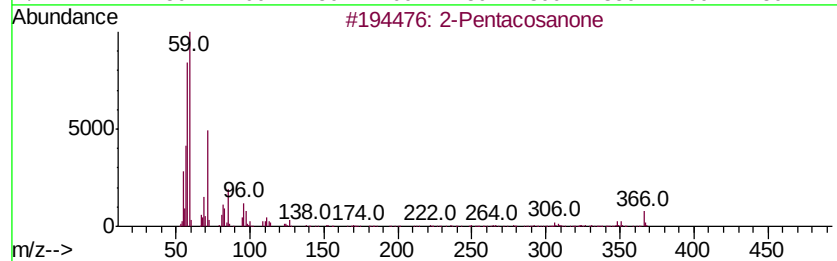
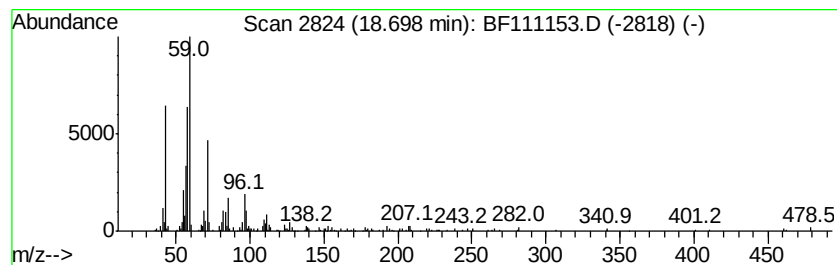
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Pentacosanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	6.88 ng	850307	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentacosanone	366	C25H50O	075207-54-4	91
2			2-Nonadecanone	282	C19H38O	000629-66-3	59
3			2-Heptadecanone	254	C17H34O	002922-51-2	59
4			Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	50
5			2-Pentadecanone	226	C15H30O	002345-28-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111153.D
 Acq On : 6 Dec 2018 22:11
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 Sample : J6204-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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	5.5 ng		791198	1	6.80	2850340	20.0
unknown6.57	6.57	85.0 ng		12119300	1	6.80	2850340	20.0
n-Hexadecanoic acid	11.86	9.7 ng		1735250	4	11.32	3589540	20.0
Octadecanoic acid	12.64	8.1 ng		1005270	5	13.95	2488220	20.0
1-Docosene	13.81	17.0 ng		2110240	5	13.95	2488220	20.0
Octadecanal	14.89	8.6 ng		1058000	6	15.39	2470690	20.0
Heptadecane	15.08	20.1 ng		2481020	6	15.39	2470690	20.0
1-Heneicosanol	15.10	18.8 ng		2325070	6	15.39	2470690	20.0
1,19-Eicosadiene	15.64	18.4 ng		2270930	6	15.39	2470690	20.0
1-Heptacosanol	15.92	19.1 ng		2365040	6	15.39	2470690	20.0
Oxirane, hexadecyl-	16.64	14.4 ng		1784790	6	15.39	2470690	20.0
Tetracosane	16.95	12.1 ng		1495410	6	15.39	2470690	20.0
Octacosanol	17.03	20.5 ng		2527330	6	15.39	2470690	20.0
2-Heptadecanone	17.12	10.5 ng		1299510	6	15.39	2470690	20.0
.beta.-Sitosterol	17.40	12.3 ng		1519880	6	15.39	2470690	20.0
17-Octadecenal	18.04	5.1 ng		625392	6	15.39	2470690	20.0
2-Pentacosanone	18.70	6.9 ng		850307	6	15.39	2470690	20.0