

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111131.D
 Acq On : 6 Dec 2018 11:57
 Operator : JU/SJ
 Sample : J6206-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-4B-(2-6)

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	5.022	486	499	506	rBV	560368	880063	6.10%	0.499%
2	5.428	562	568	571	rBV	12890363	13110216	90.90%	7.432%
3	6.440	734	740	744	rBV2	12289216	14422634	100.00%	8.176%
4	6.581	758	764	767	rBV	12722454	13337047	92.47%	7.560%
5	6.804	799	802	806	rBV	3998586	3532209	24.49%	2.002%
6	6.963	825	829	833	rVB	10592722	9744251	67.56%	5.524%
7	7.369	892	898	901	rBV	8517472	8877415	61.55%	5.032%
8	8.086	1016	1020	1023	rBV	5654176	4753852	32.96%	2.695%
9	9.169	1198	1204	1207	rBV	13230829	12274956	85.11%	6.958%
10	9.557	1266	1270	1273	rBV	1059469	822976	5.71%	0.467%
11	9.845	1314	1319	1322	rVB	5766106	5428446	37.64%	3.077%
12	10.045	1349	1353	1357	rBV3	140874	173044	1.20%	0.098%
13	10.628	1447	1452	1455	rBV	8866446	8283692	57.44%	4.696%
14	10.975	1506	1511	1513	rBV2	125647	224173	1.55%	0.127%
15	11.327	1566	1571	1574	rBV	5755176	5361713	37.18%	3.039%
16	11.780	1645	1648	1653	rVB3	150942	178371	1.24%	0.101%
17	11.863	1656	1662	1672	rBV	3813081	4222494	29.28%	2.394%
18	11.992	1681	1684	1687	rBV4	185174	264527	1.83%	0.150%
19	12.022	1687	1689	1695	rVB3	336728	405637	2.81%	0.230%
20	12.351	1736	1745	1756	rBV2	835894	2262050	15.68%	1.282%
21	12.522	1763	1774	1786	rBV3	1363183	4799176	33.28%	2.721%
22	12.645	1790	1795	1804	rVV	2455208	2541735	17.62%	1.441%
23	12.739	1805	1811	1818	rVB	434870	896838	6.22%	0.508%
24	12.916	1836	1841	1844	rVB	10626838	10436449	72.36%	5.916%
25	13.127	1874	1877	1879	rBV2	155579	157055	1.09%	0.089%
26	13.451	1925	1932	1939	rBV	3434243	5660188	39.25%	3.209%
27	13.816	1990	1994	2001	rVB2	2219860	2309665	16.01%	1.309%
28	13.963	2014	2019	2022	rVB	4778324	4700901	32.59%	2.665%
29	14.116	2038	2045	2055	rVB	4060920	6862276	47.58%	3.890%
30	14.451	2098	2102	2109	rVB	2304774	2337668	16.21%	1.325%
31	14.651	2130	2136	2141	rBV	4298361	6596682	45.74%	3.740%
32	14.751	2150	2153	2159	rVB	442331	544921	3.78%	0.309%
33	14.821	2162	2165	2169	rVB	692795	731425	5.07%	0.415%
34	14.963	2184	2189	2194	rBV4	668240	1326312	9.20%	0.752%

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HLSP-SB-4B-(2-6)

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.080	2205	2209	2211	rBV	786572	930728	6.45%	0.528%
36	15.210	2225	2231	2246	rBV	2587872	4837140	33.54%	2.742%
37	15.398	2258	2263	2267	rVB	2965329	3504970	24.30%	1.987%
38	15.451	2268	2272	2276	rBV	572466	775389	5.38%	0.440%
39	15.839	2331	2338	2342	rBV	1289289	2736575	18.97%	1.551%
40	15.921	2349	2352	2361	rVB2	408157	654280	4.54%	0.371%
41	16.192	2393	2398	2405	rVB3	499224	977426	6.78%	0.554%
42	16.374	2425	2429	2436	rVB3	440559	741925	5.14%	0.421%
43	16.562	2454	2461	2470	rVB2	675786	1632041	11.32%	0.925%
44	17.415	2600	2606	2615	rVB2	492099	1152964	7.99%	0.654%

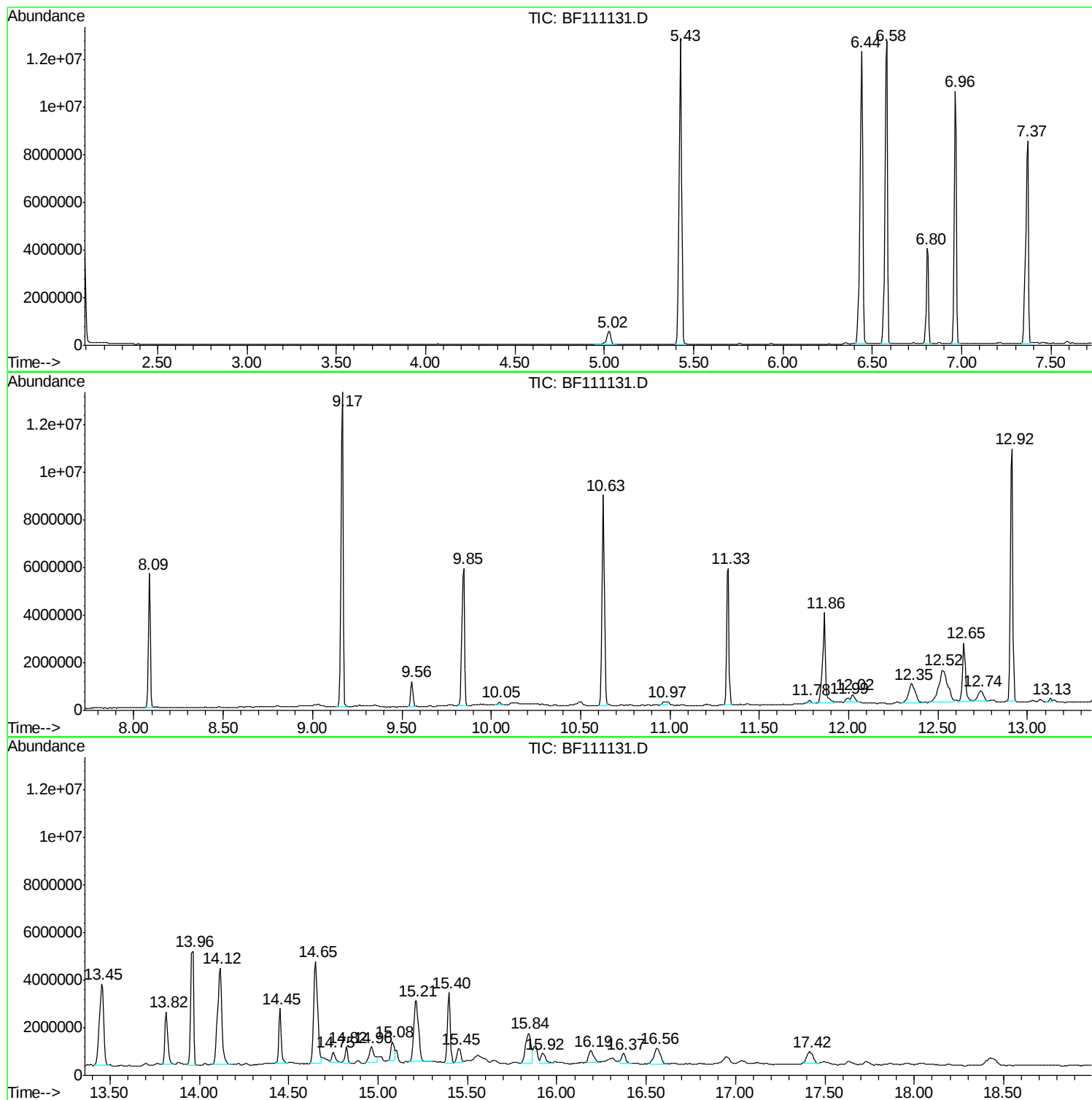
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ClientSampled :
HLSP-SB-4B-(2-6)

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
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HLSP-SB-4B-(2-6)

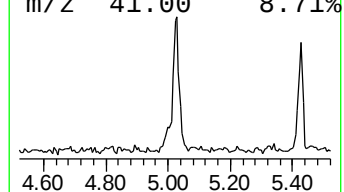
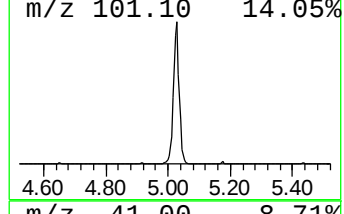
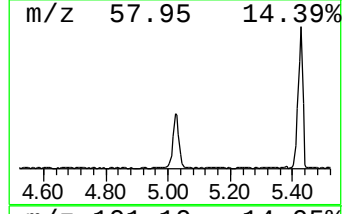
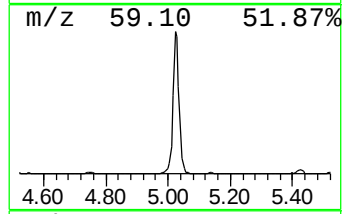
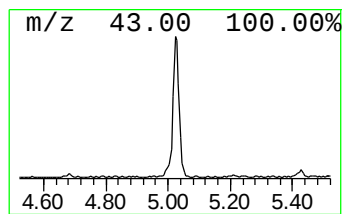
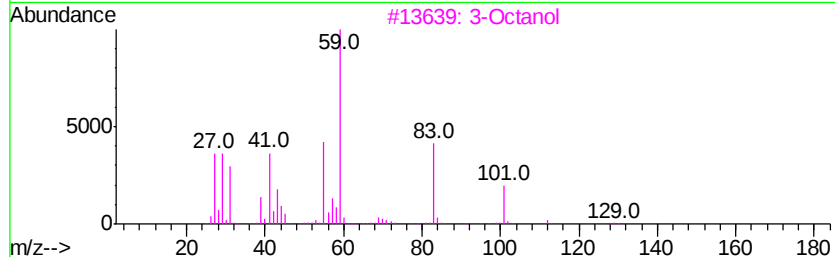
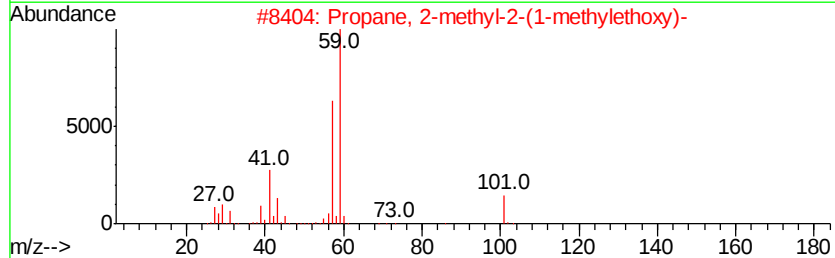
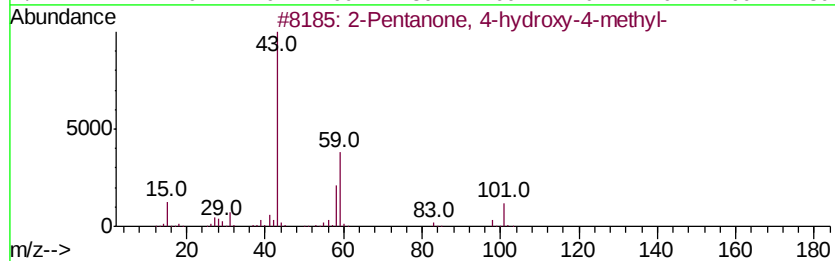
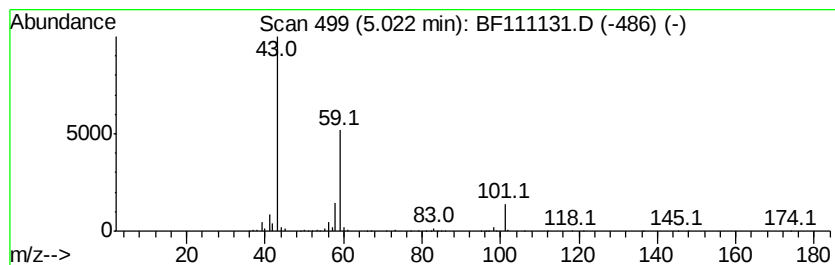
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	4.98 ng	880063	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			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Octanol	130	C8H18O	000589-98-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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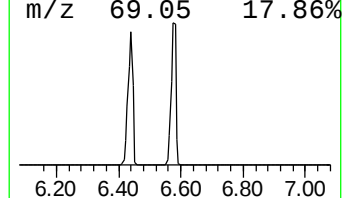
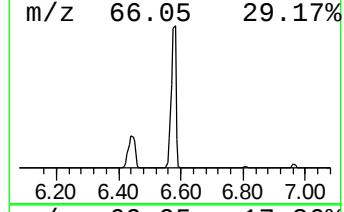
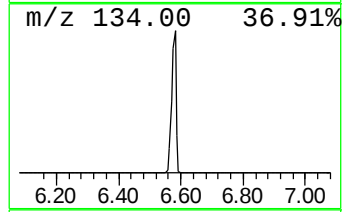
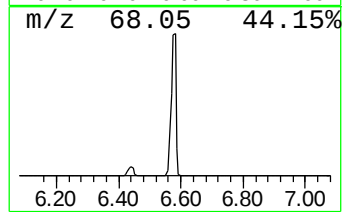
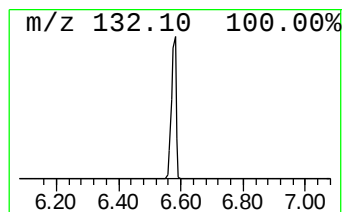
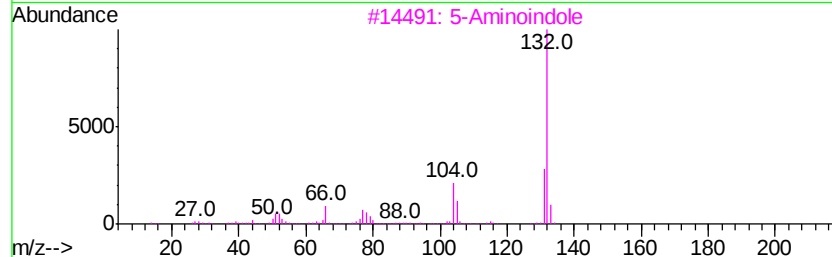
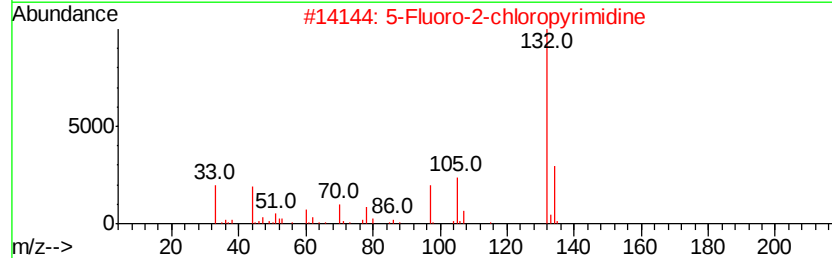
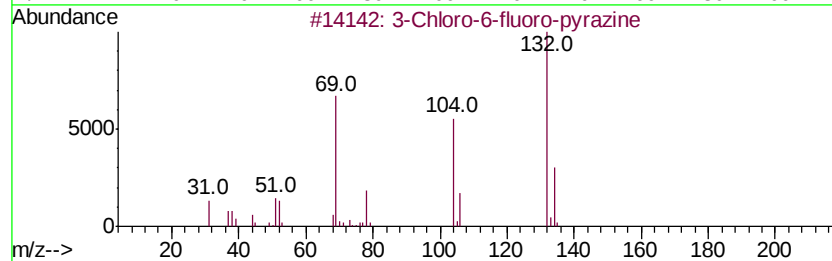
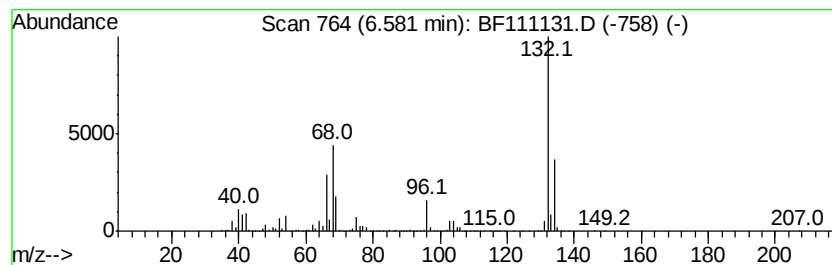
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	75.52 ng	13337000	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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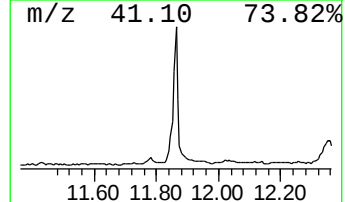
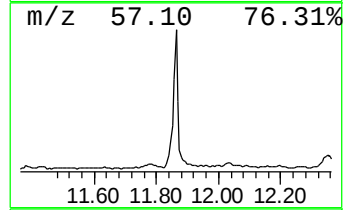
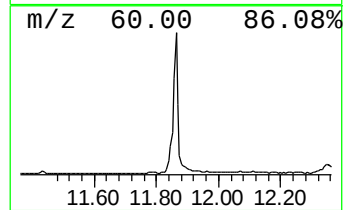
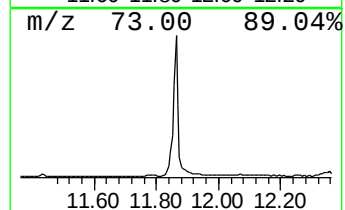
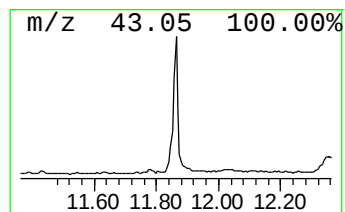
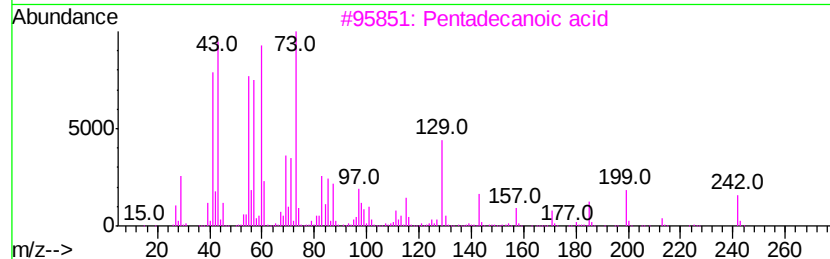
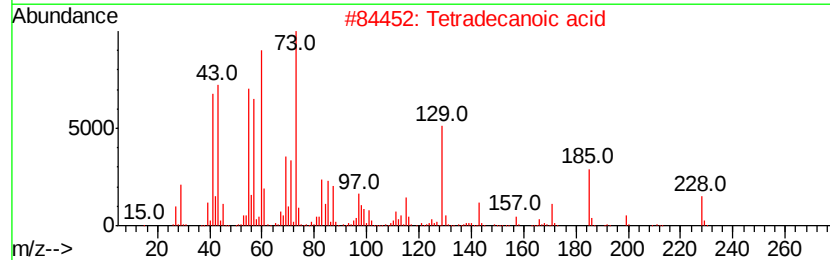
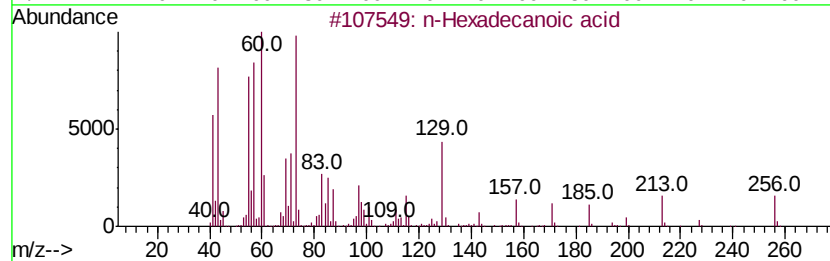
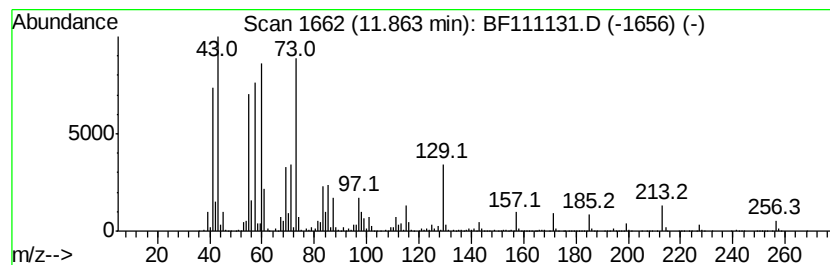
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.75 ng	4222490	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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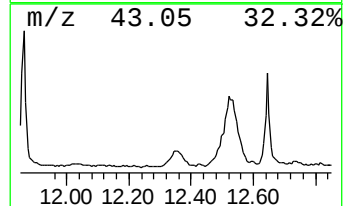
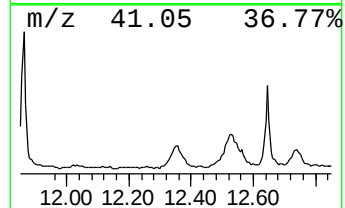
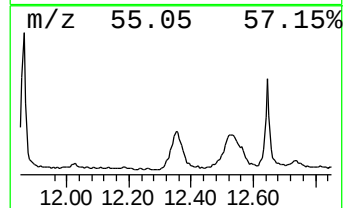
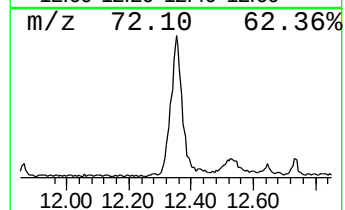
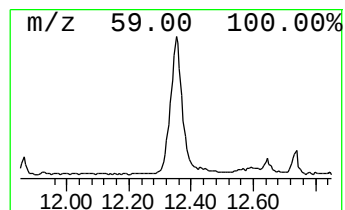
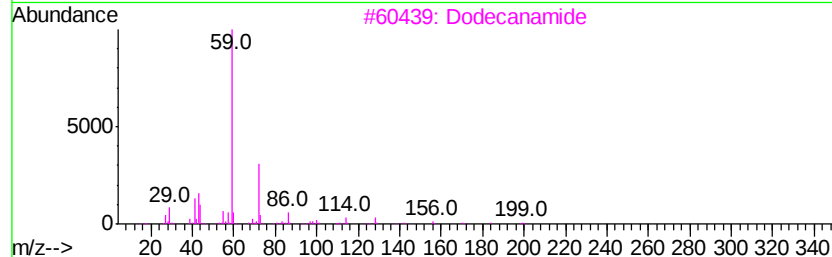
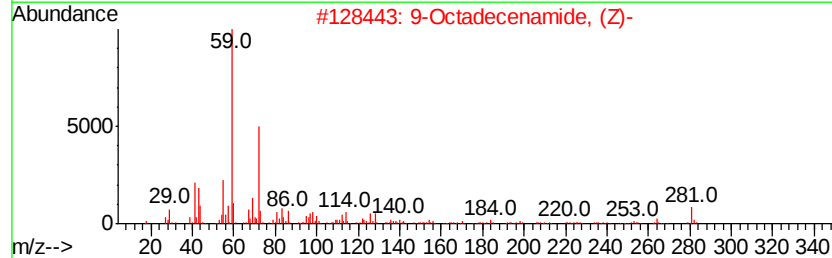
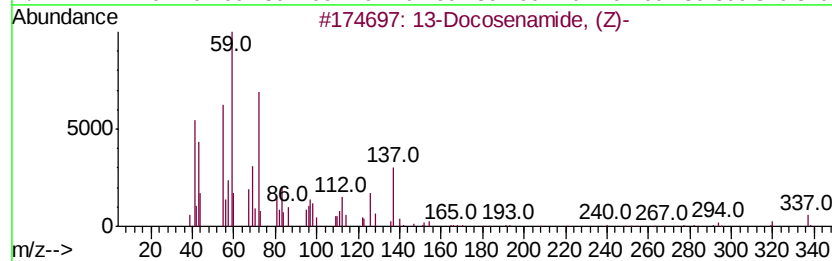
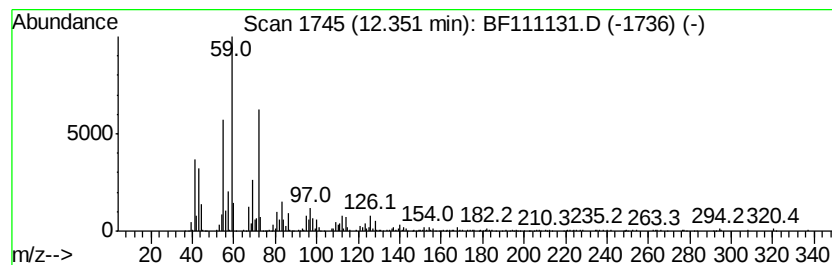
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.35	8.44 ng	2262050	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	43
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	43



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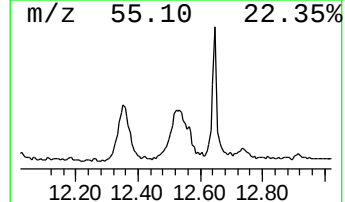
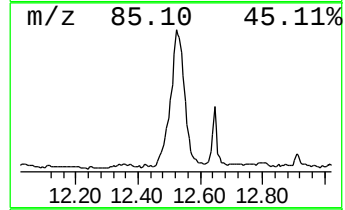
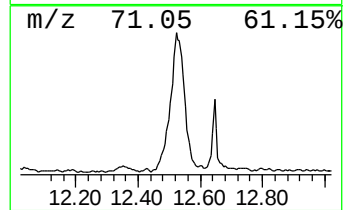
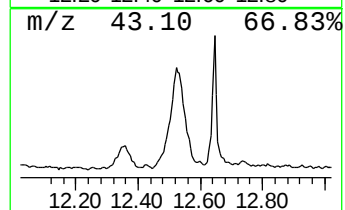
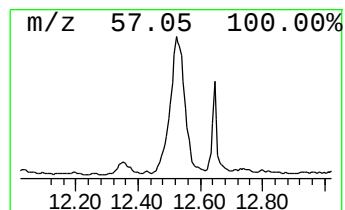
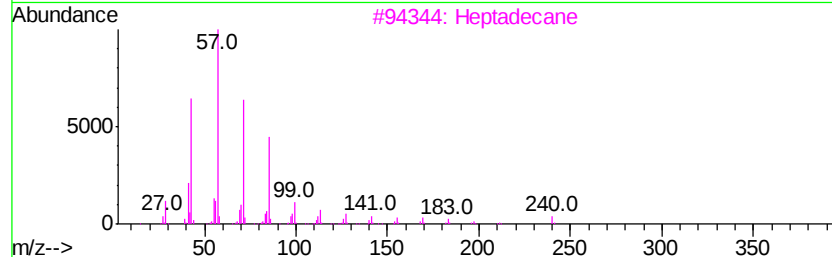
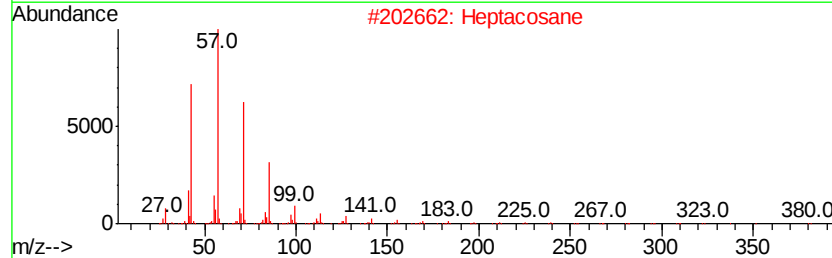
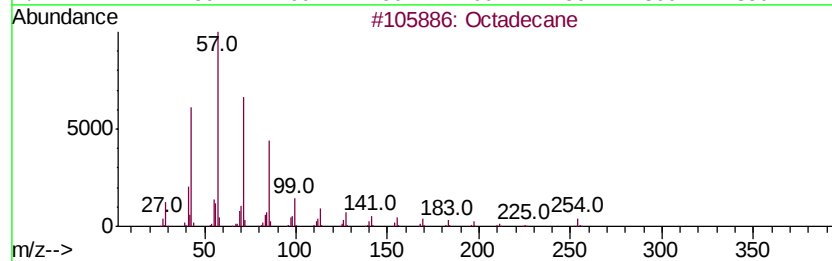
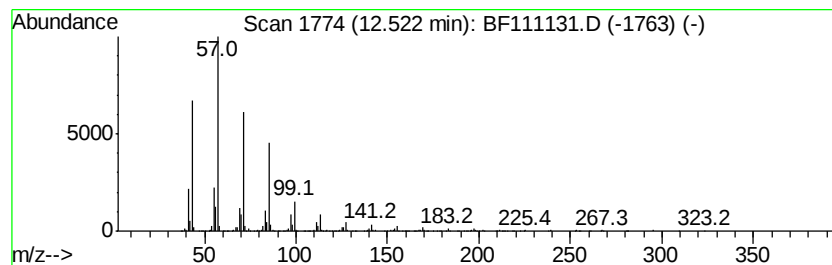
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	17.90 ng	4799180	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4B-(2-6)

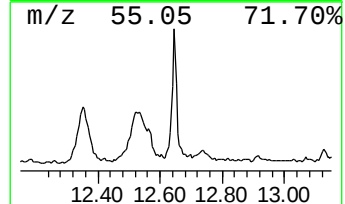
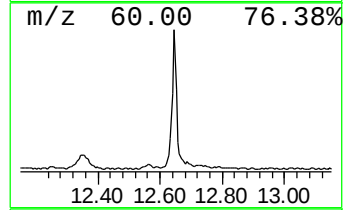
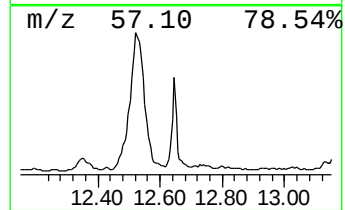
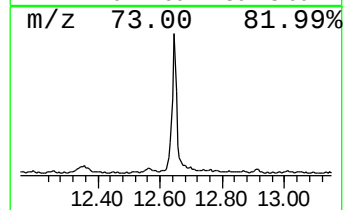
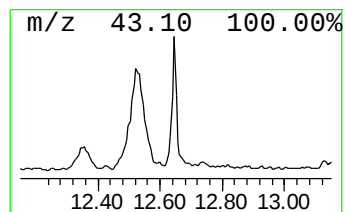
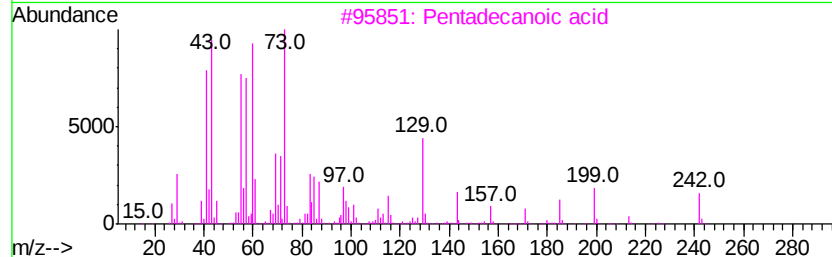
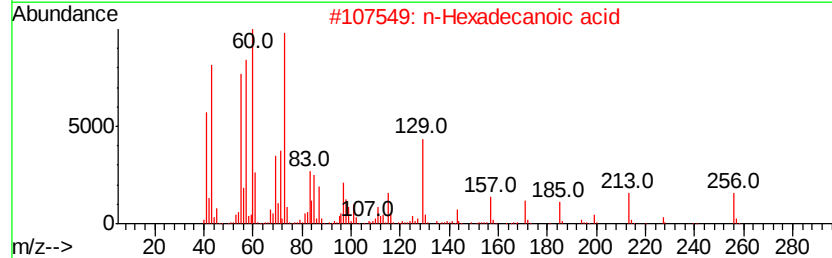
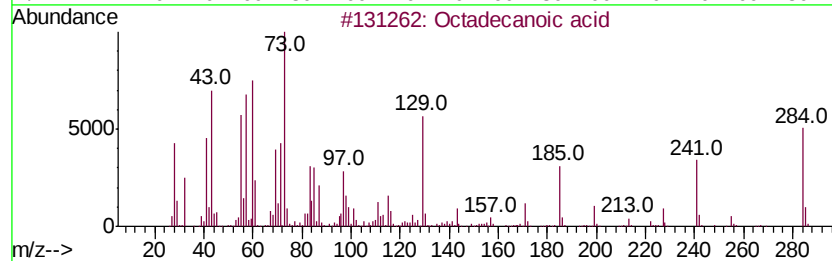
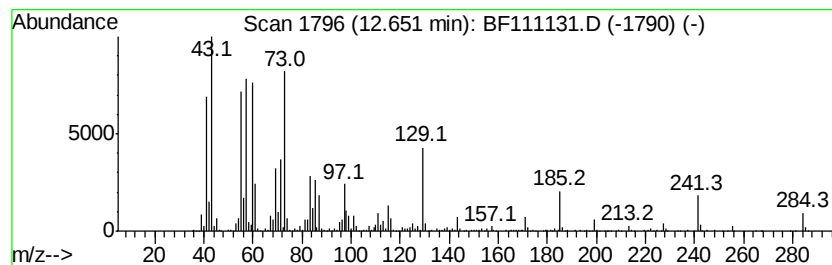
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	10.81 ng	2541740	Chrysene-d12	13.96

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	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
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ALS Vial : 3 Sample Multiplier: 1

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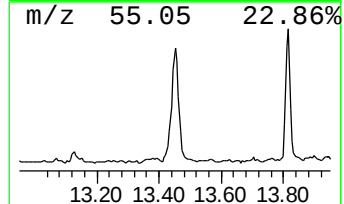
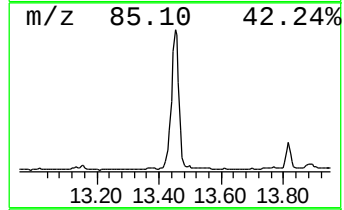
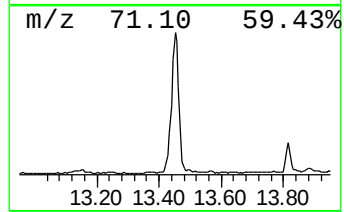
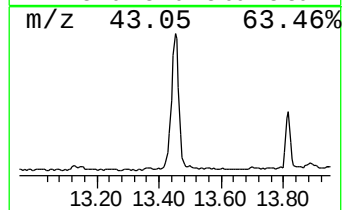
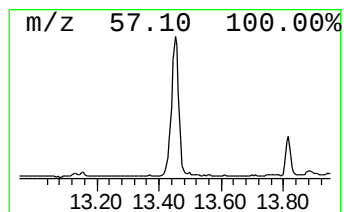
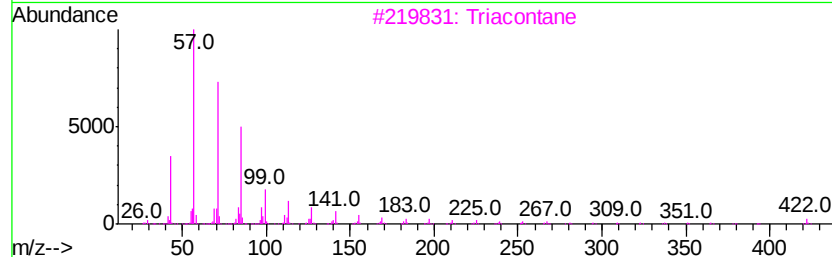
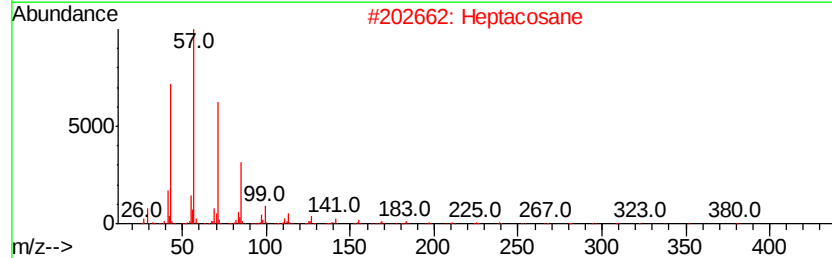
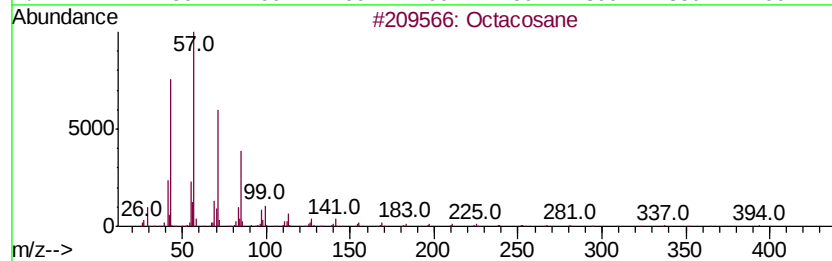
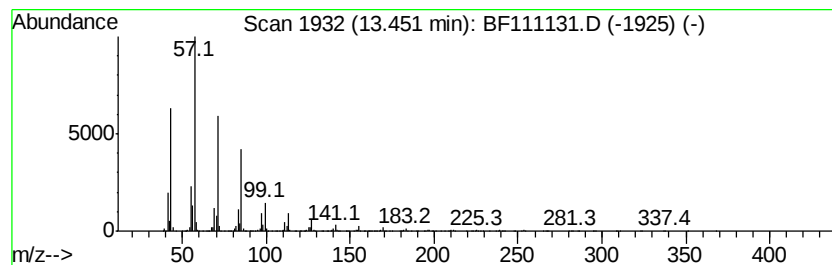
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	24.08 ng	5660190	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Triacontane	422	C30H62	000638-68-6	90
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
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Instrument :
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ClientSampleId :
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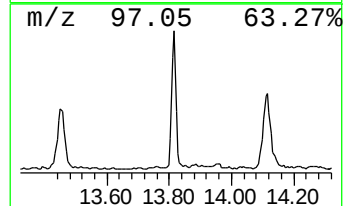
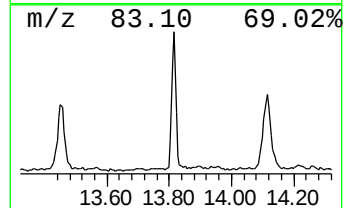
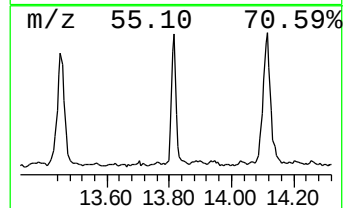
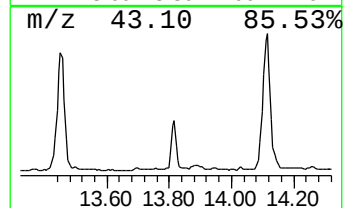
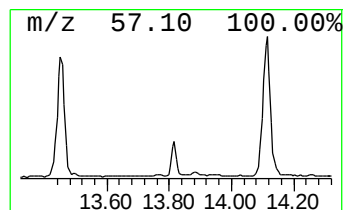
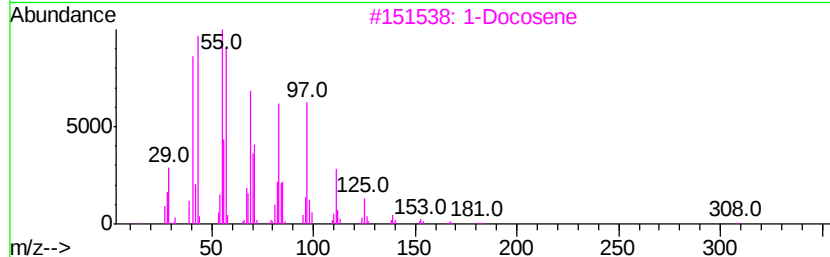
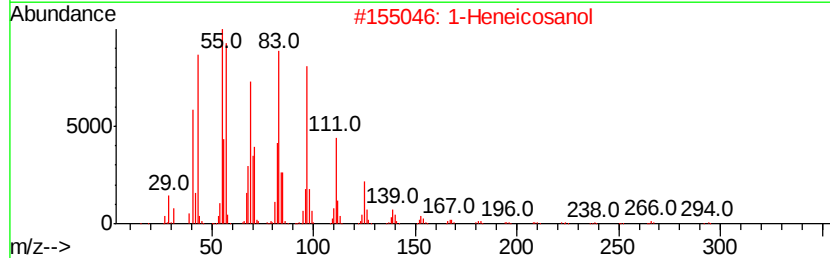
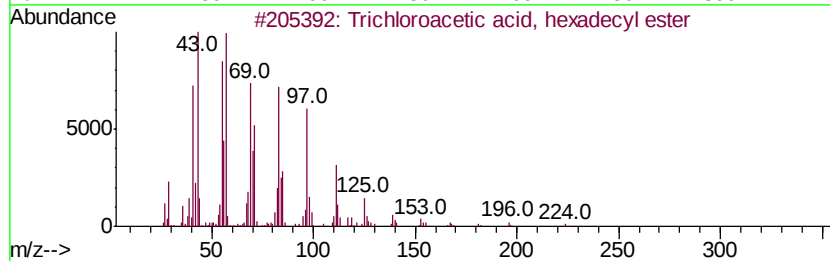
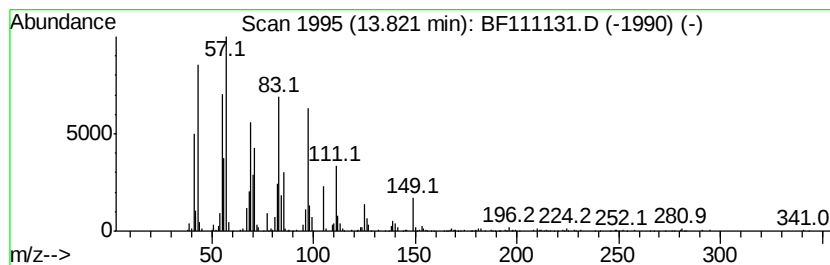
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.83 ng	2309670	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		1-Docosene	308	C22H44	001599-67-3	91
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
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ClientSampleId :
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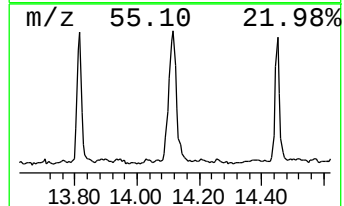
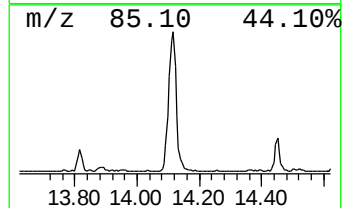
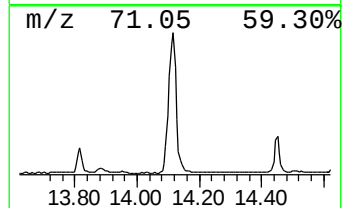
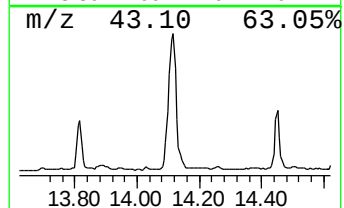
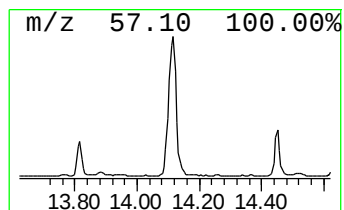
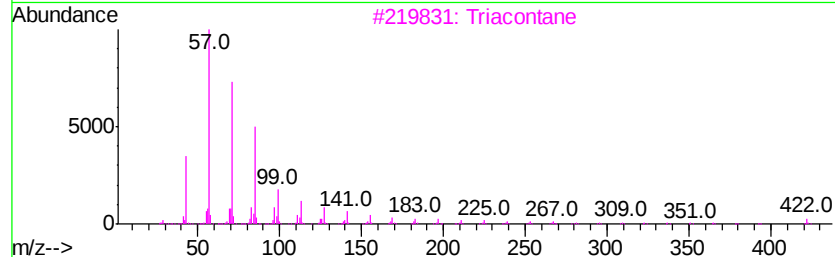
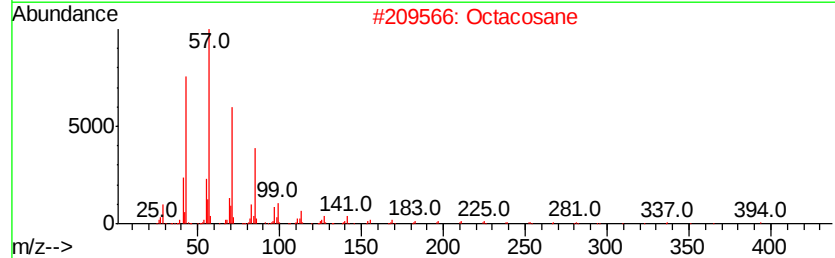
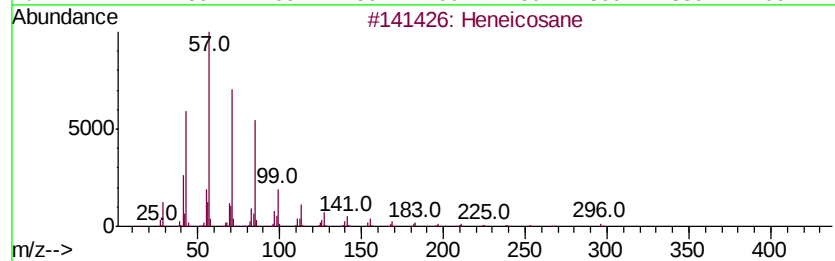
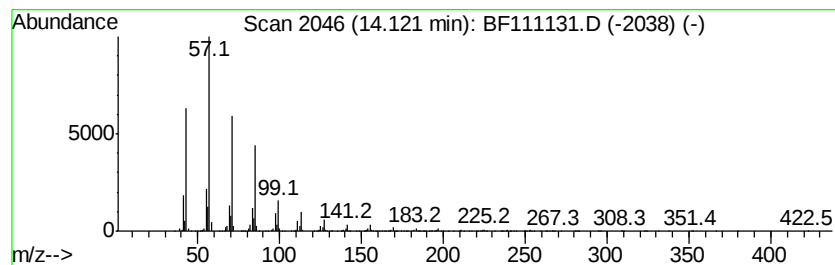
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	29.20 ng	6862280	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111131.D
 Acq On : 6 Dec 2018 11:57
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 HLSP-SB-4B-(2-6)

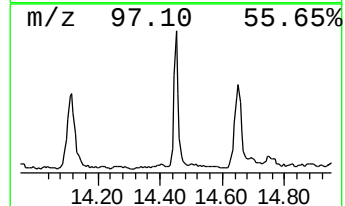
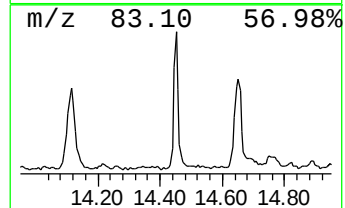
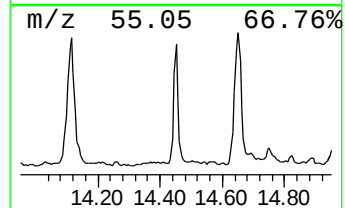
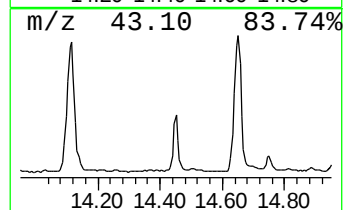
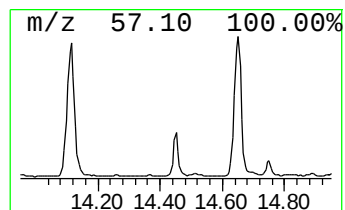
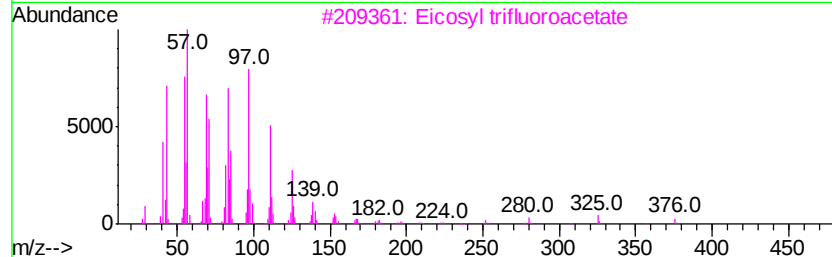
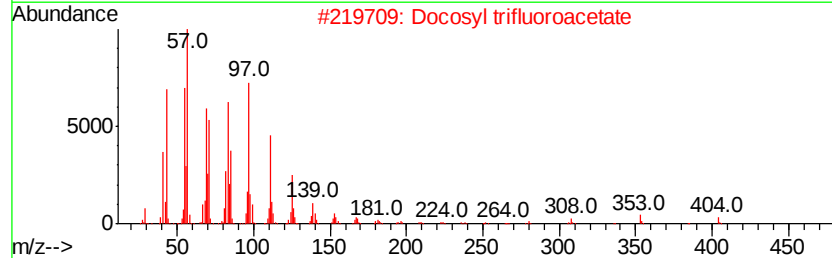
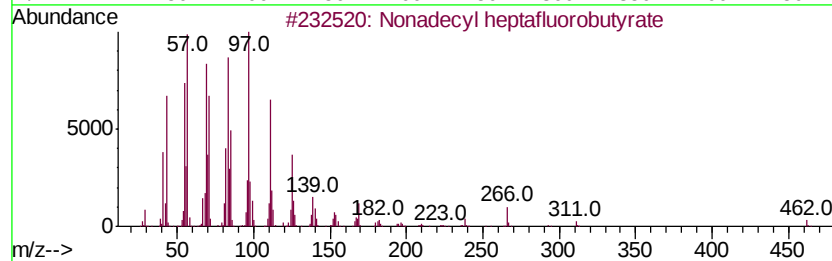
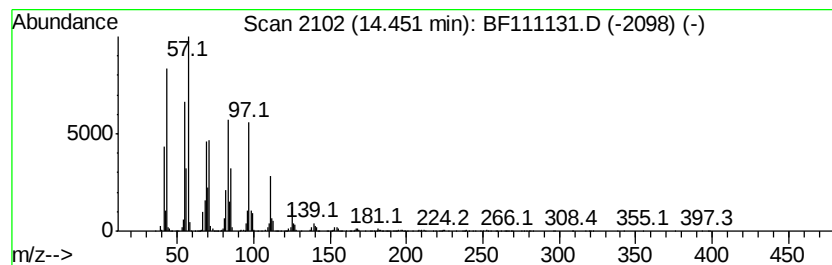
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Nonadecyl heptafluorobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	9.95 ng	2337670	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2		Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HLSP-SB-4B-(2-6)

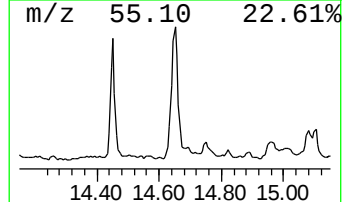
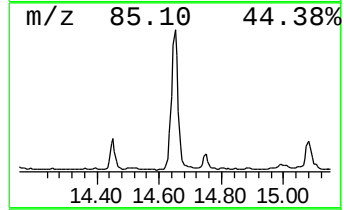
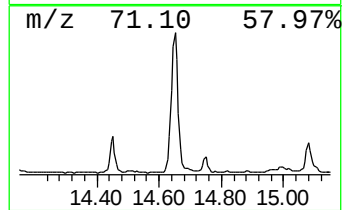
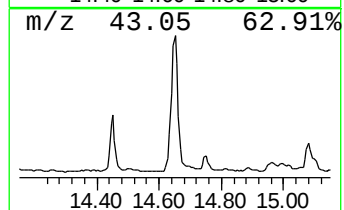
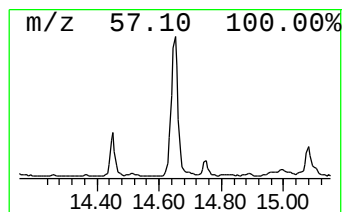
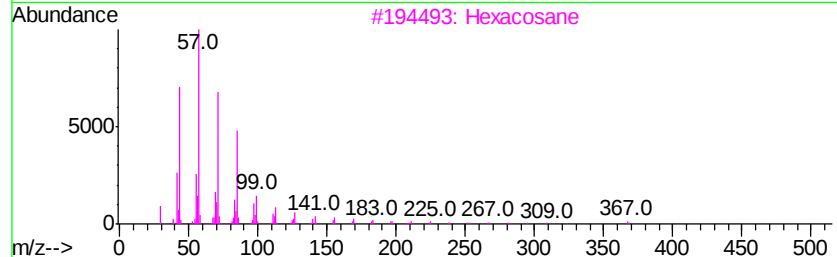
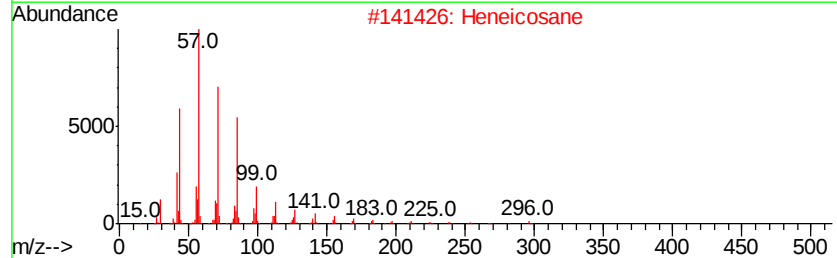
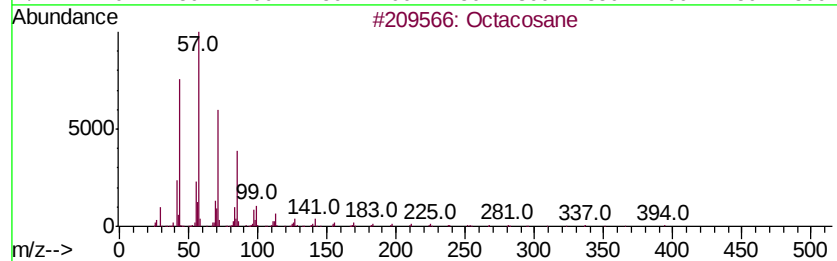
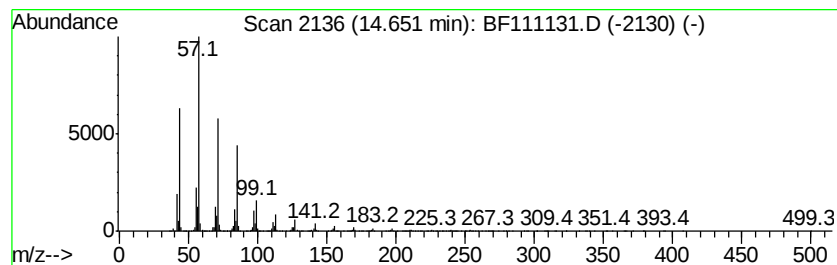
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	28.07 ng	6596680	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
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Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

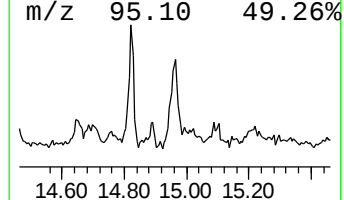
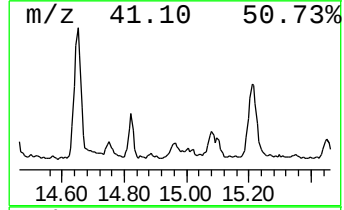
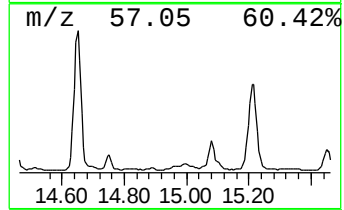
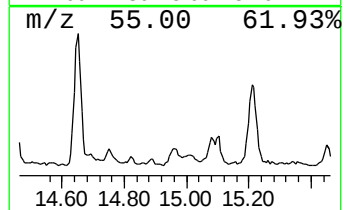
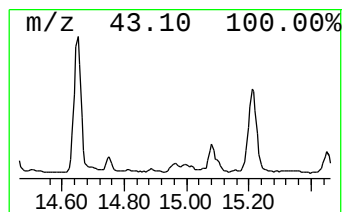
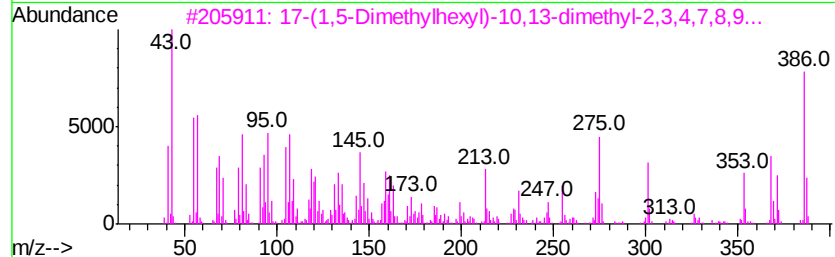
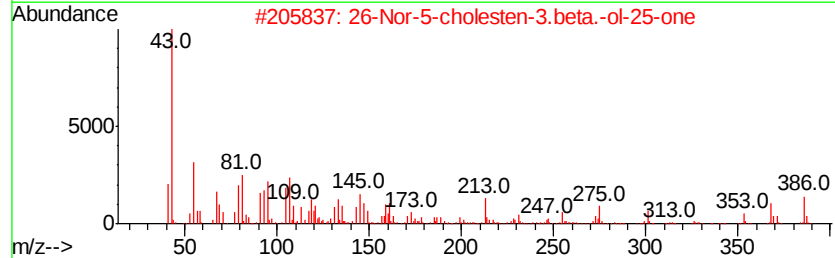
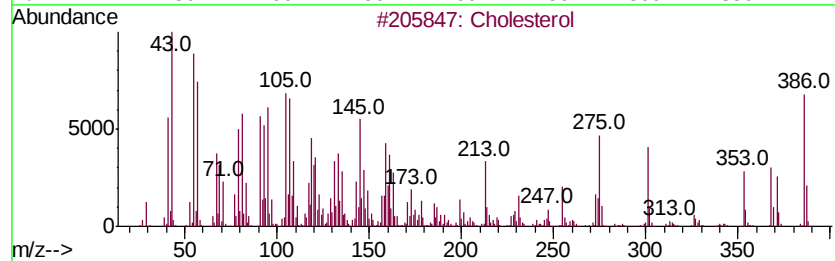
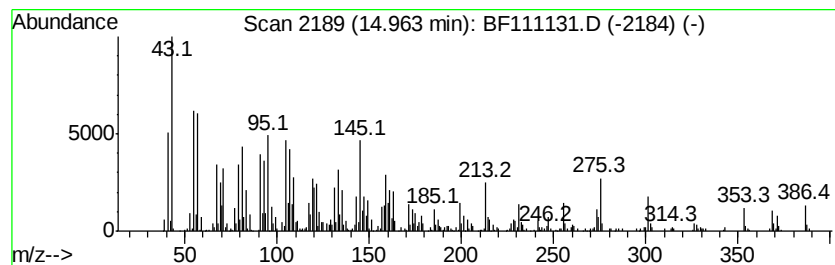
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ClientSampleId :
HLSP-SB-4B-(2-6)

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 13 Cholesterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.96	7.57 ng	1326310	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	95
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	95
4	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	64
5	Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4B-(2-6)

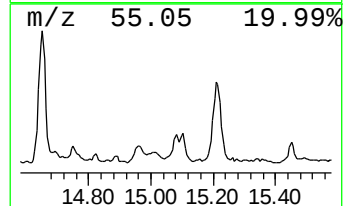
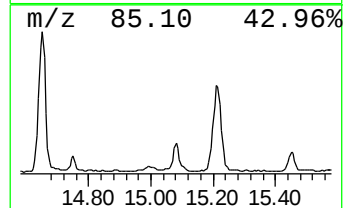
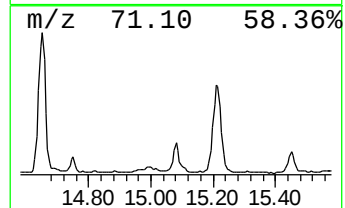
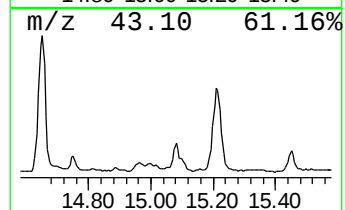
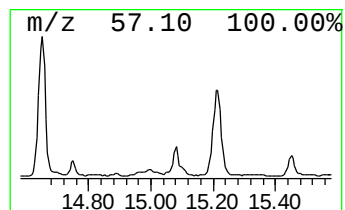
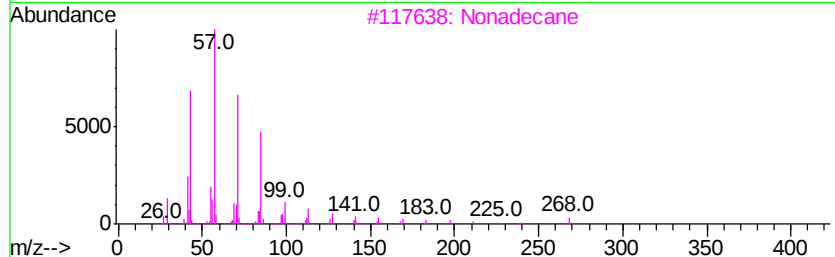
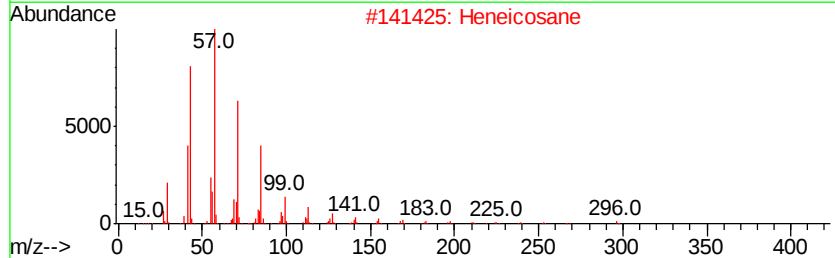
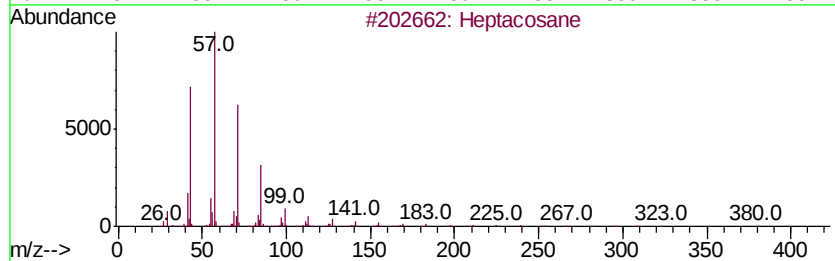
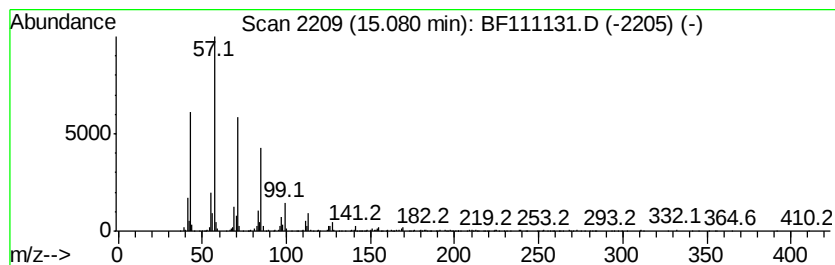
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	5.31 ng	930728	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentacosane	352	C25H52	000629-99-2	90
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4B-(2-6)

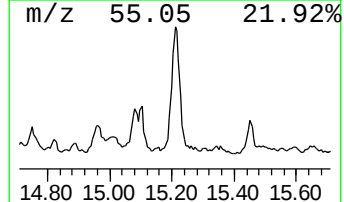
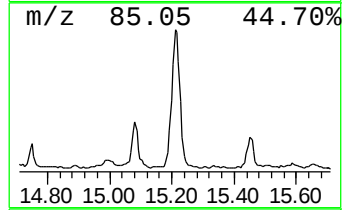
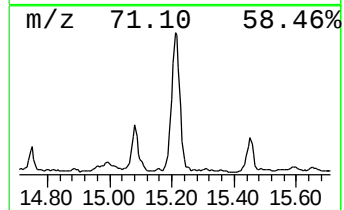
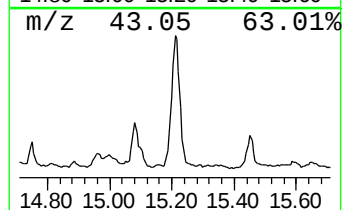
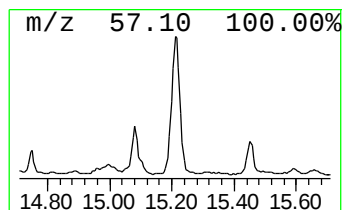
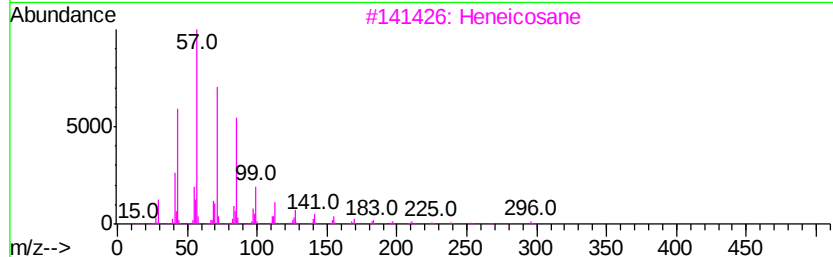
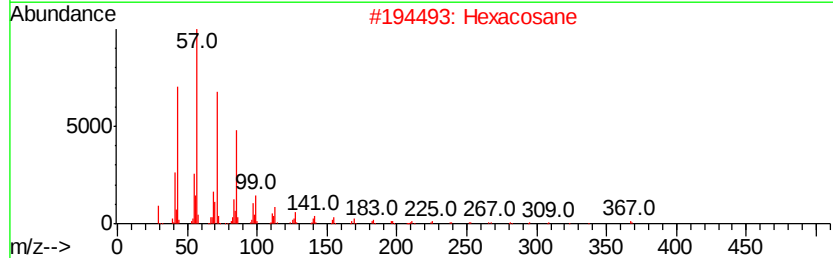
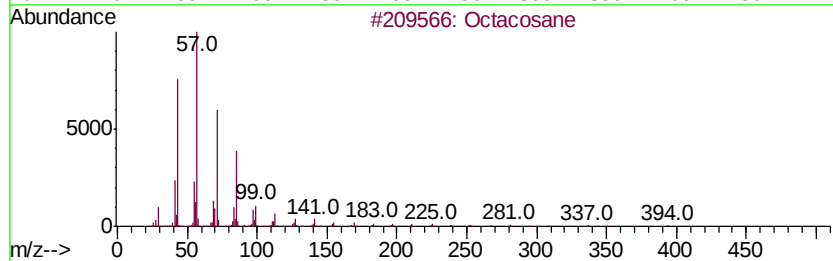
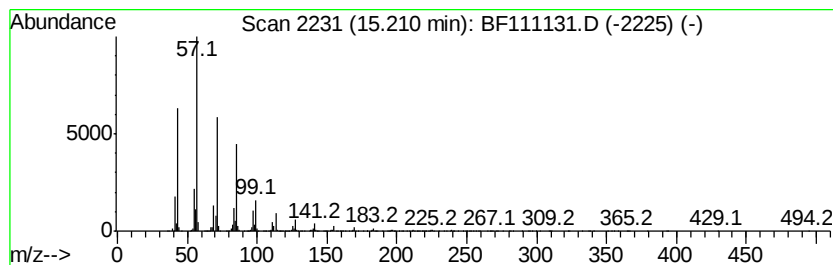
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	27.60 ng	4837140	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
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ALS Vial : 3 Sample Multiplier: 1

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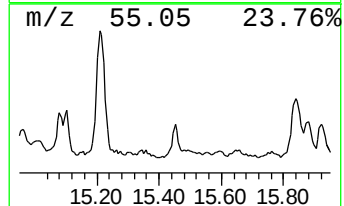
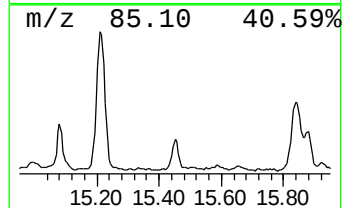
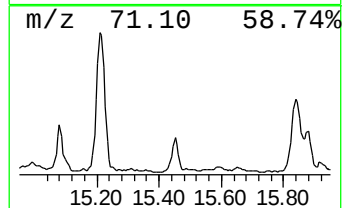
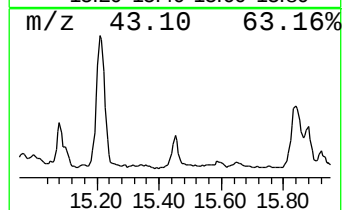
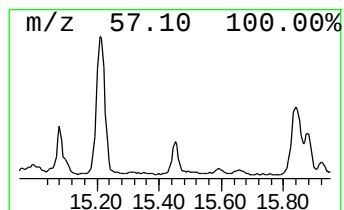
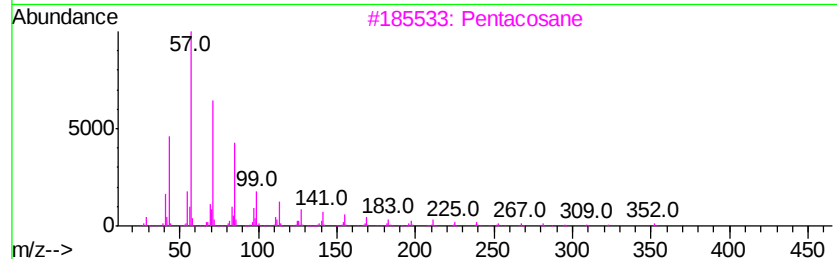
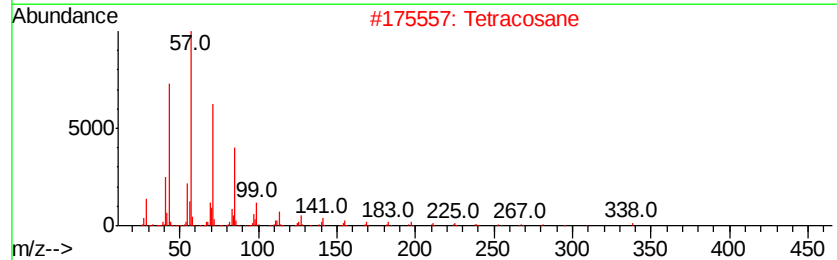
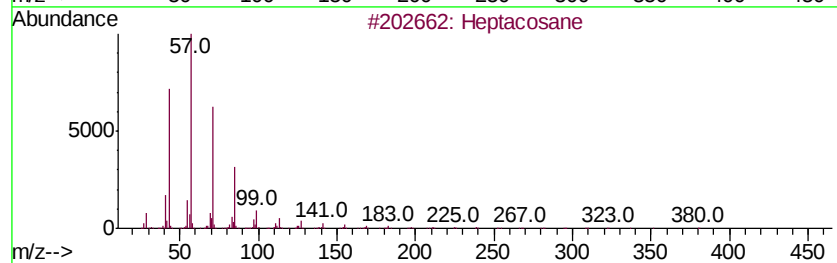
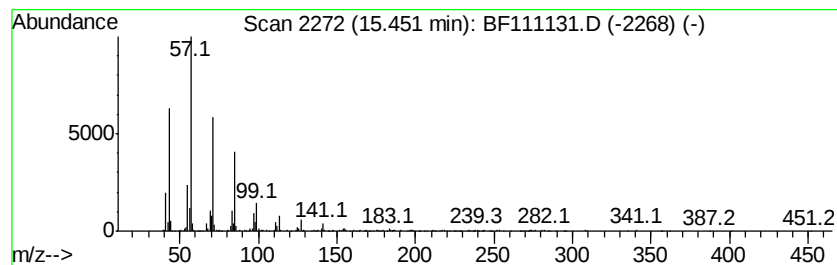
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	4.42 ng	775389	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
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Instrument :
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ClientSampleId :
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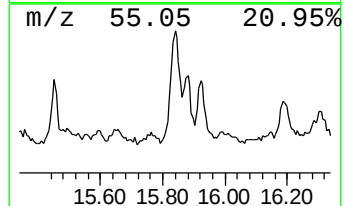
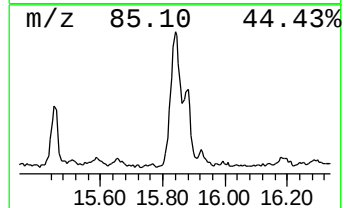
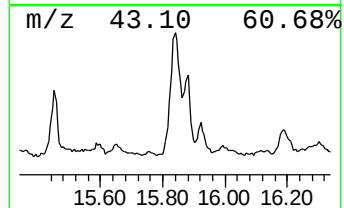
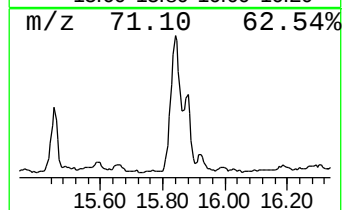
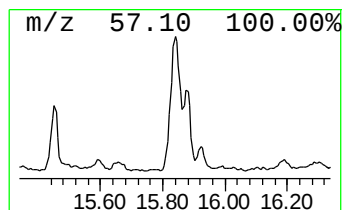
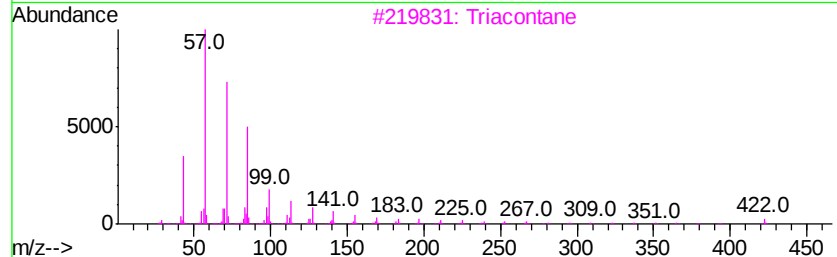
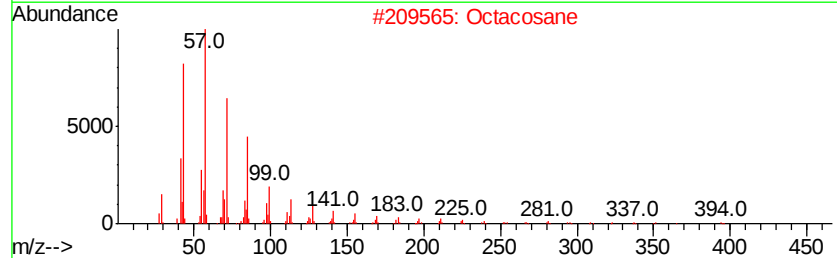
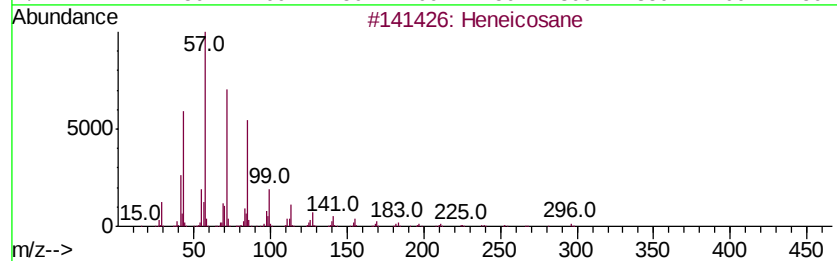
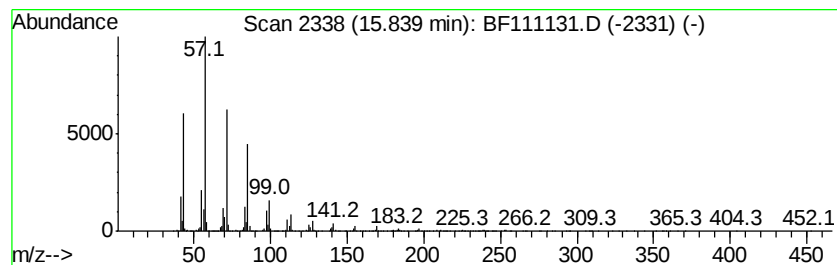
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	15.62 ng	2736580	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
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Instrument :
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ClientSampleId :
HLSP-SB-4B-(2-6)

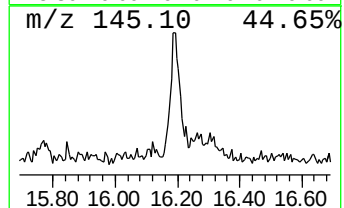
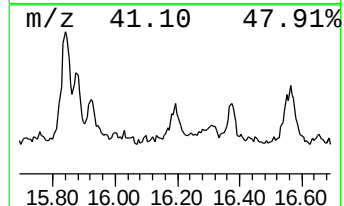
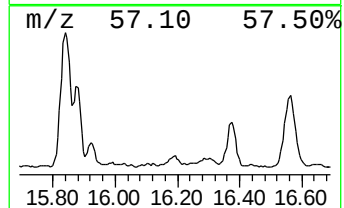
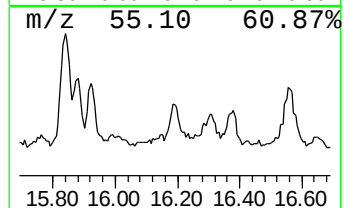
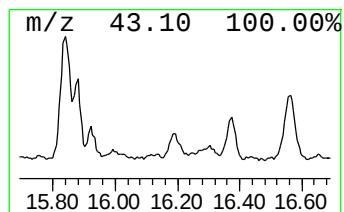
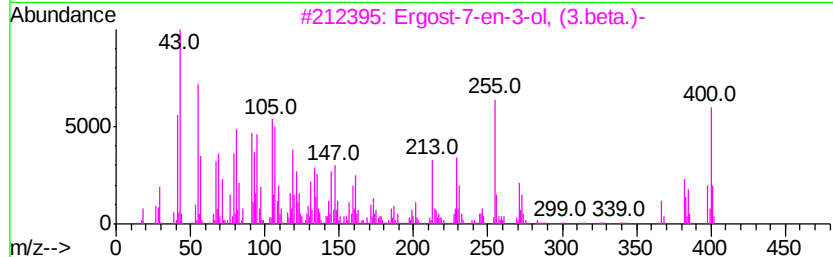
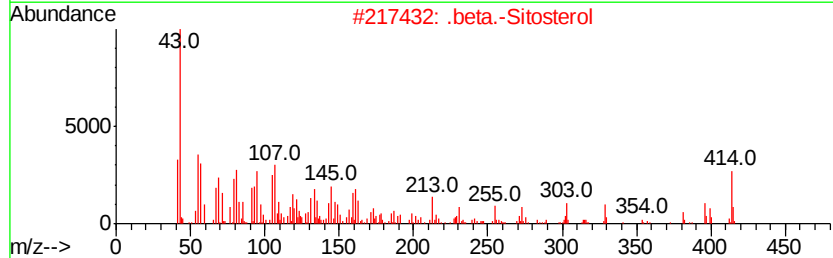
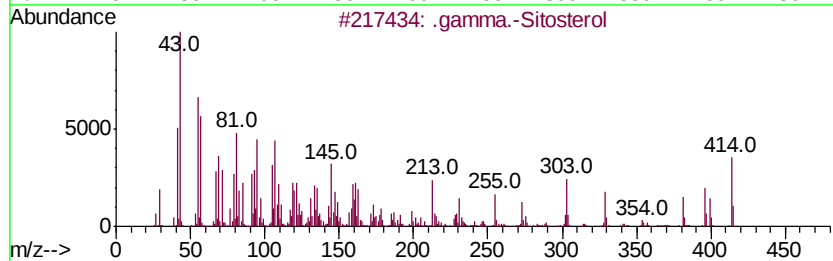
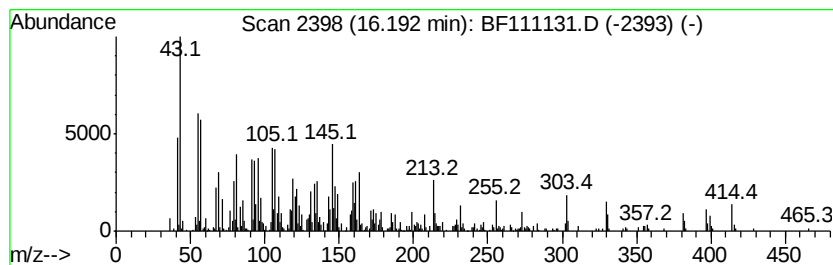
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.58 ng	977426	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3			Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	51
4			Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	35
5			Campesterol	400	C28H48O	000474-62-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
HLSP-SB-4B-(2-6)

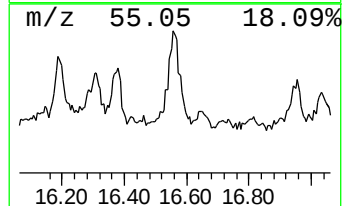
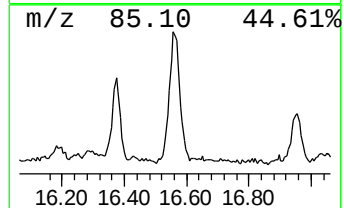
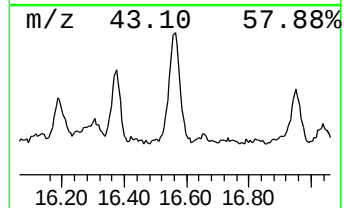
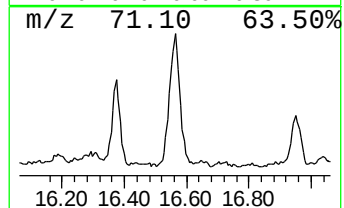
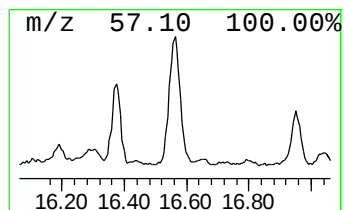
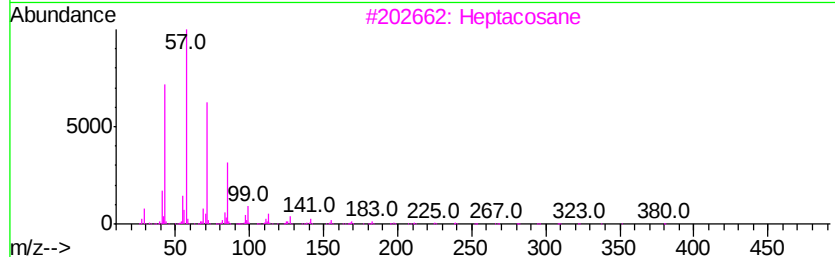
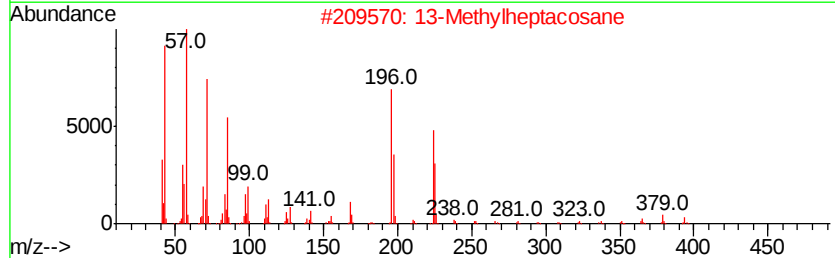
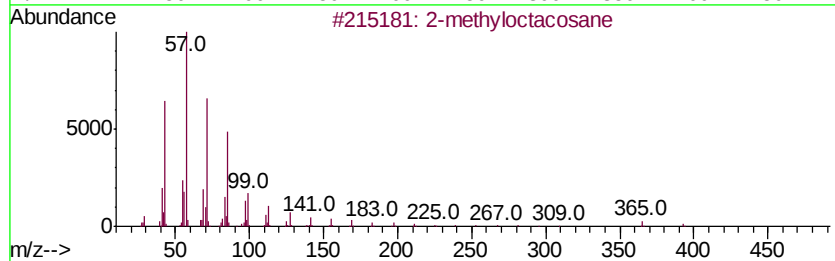
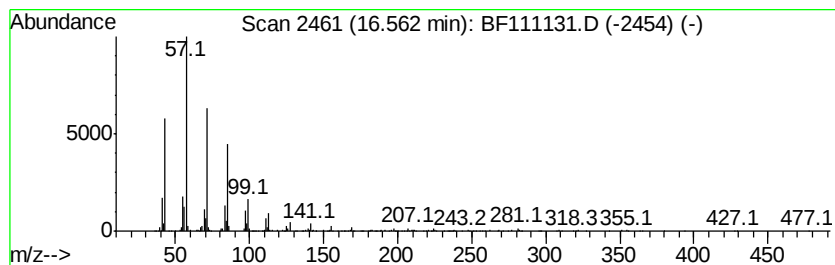
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13-Methylheptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	9.31 ng	1632040	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	87
2			13-Methylheptacosane	394	C28H58	015689-72-2	87
3			Heptacosane	380	C27H56	000593-49-7	68
4			Octacosane	394	C28H58	000630-02-4	64
5			Tetratetracontane	619	C44H90	007098-22-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111131.D
Acq On : 6 Dec 2018 11:57
Operator : JU/SJ
Sample : J6206-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4B-(2-6)

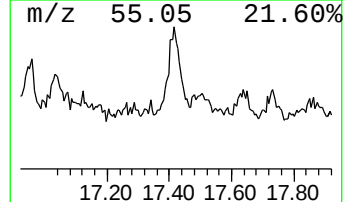
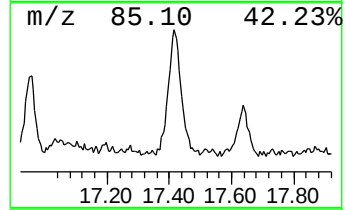
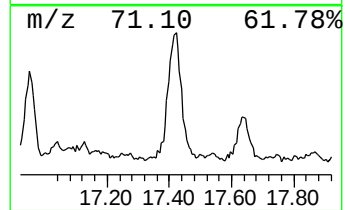
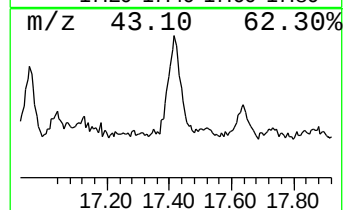
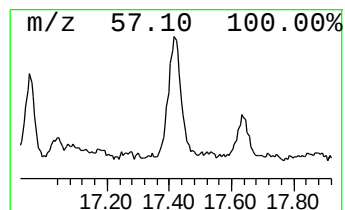
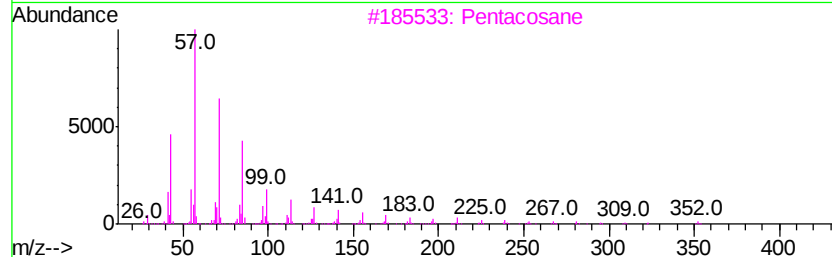
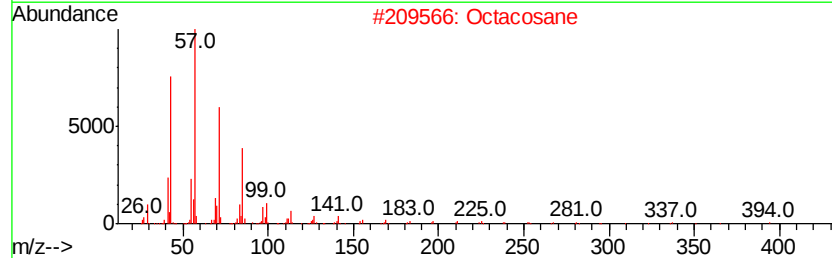
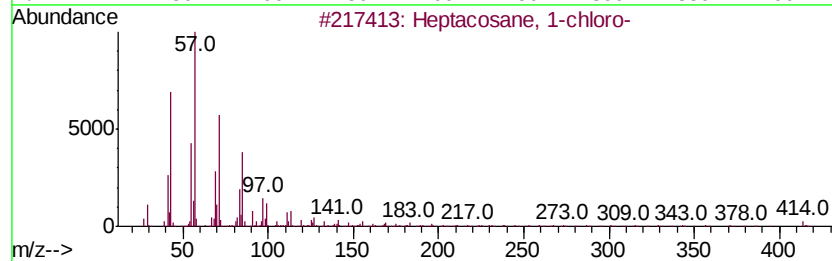
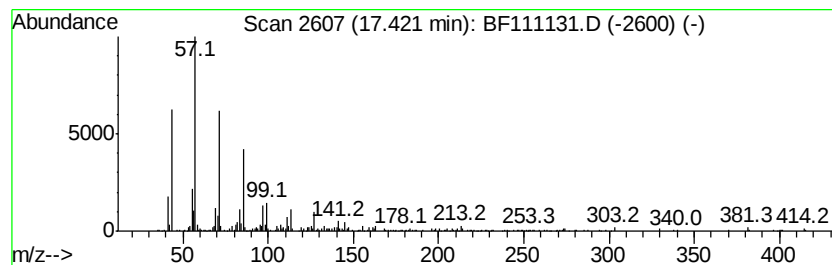
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	6.58 ng	1152960	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	92
2			Octacosane	394	C28H58	000630-02-4	87
3			Pentacosane	352	C25H52	000629-99-2	87
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111131.D
 Acq On : 6 Dec 2018 11:57
 Operator : JU/SJ
 Sample : J6206-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-4B-(2-6)

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	5.0 ng		880063	1	6.80	3532210	20.0
unknown6.58	6.58	75.5 ng		13337000	1	6.80	3532210	20.0
n-Hexadecanoic acid	11.86	15.8 ng		4222490	4	11.33	5361710	20.0
13-Docosenamide, ...	12.35	8.4 ng		2262050	4	11.33	5361710	20.0
Octadecane	12.52	17.9 ng		4799180	4	11.33	5361710	20.0
Octadecanoic acid	12.65	10.8 ng		2541740	5	13.96	4700900	20.0
Octacosane	13.45	24.1 ng		5660190	5	13.96	4700900	20.0
Trichloroacetic a...	13.82	9.8 ng		2309670	5	13.96	4700900	20.0
Heneicosane	14.12	29.2 ng		6862280	5	13.96	4700900	20.0
Nonadecyl heptafl...	14.45	9.9 ng		2337670	5	13.96	4700900	20.0
2-methyloctacosane	14.65	28.1 ng		6596680	5	13.96	4700900	20.0
Cholesterol	14.96	7.6 ng		1326310	6	15.40	3504970	20.0
Heptacosane	15.08	5.3 ng		930728	6	15.40	3504970	20.0
Docosane	15.21	27.6 ng		4837140	6	15.40	3504970	20.0
Tetracosane	15.45	4.4 ng		775389	6	15.40	3504970	20.0
Triacontane	15.84	15.6 ng		2736580	6	15.40	3504970	20.0
.gamma.-Sitosterol	16.19	5.6 ng		977426	6	15.40	3504970	20.0
13-Methylheptacosane	16.56	9.3 ng		1632040	6	15.40	3504970	20.0
Heptacosane, 1-ch...	17.42	6.6 ng		1152960	6	15.40	3504970	20.0