

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111154.D
 Acq On : 6 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6204-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-DUP01-112918

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	198	199	212	rBV	87432	196698	1.10%	0.106%
2	5.034	491	501	512	rBV2	690241	1106404	6.21%	0.594%
3	5.428	562	568	571	rBV	13672442	15859000	89.02%	8.508%
4	6.439	733	740	744	rBV2	13600018	17815933	100.00%	9.557%
5	6.581	758	764	767	rBV	14737538	16066160	90.18%	8.619%
6	6.804	798	802	806	rBV	4123051	3305221	18.55%	1.773%
7	6.963	825	829	833	rVB	12526013	12253391	68.78%	6.573%
8	7.369	891	898	901	rBV	10297587	10959158	61.51%	5.879%
9	8.086	1016	1020	1023	rBV	5145996	4188484	23.51%	2.247%
10	9.169	1198	1204	1207	rBV	16239496	16246393	91.19%	8.715%
11	9.551	1266	1269	1272	rBV	1500540	1235642	6.94%	0.663%
12	9.839	1312	1318	1322	rBV2	5406160	4588905	25.76%	2.462%
13	10.627	1447	1452	1455	rBV	10557156	9784512	54.92%	5.249%
14	11.322	1566	1570	1573	rBV	5081422	4183956	23.48%	2.245%
15	11.857	1657	1661	1671	rBV	2520628	2356055	13.22%	1.264%
16	12.527	1772	1775	1779	rBV2	191013	299193	1.68%	0.161%
17	12.639	1791	1794	1807	rBV	1301619	1390452	7.80%	0.746%
18	12.910	1835	1840	1843	rBV	11198266	10937258	61.39%	5.867%
19	13.121	1873	1876	1879	rBV2	293462	312710	1.76%	0.168%
20	13.151	1879	1881	1885	rVB	230362	192943	1.08%	0.104%
21	13.610	1955	1959	1964	rVB	178566	182093	1.02%	0.098%
22	13.810	1989	1993	2001	rBV	2850351	2991369	16.79%	1.605%
23	13.957	2012	2018	2021	rBV	2841817	2893070	16.24%	1.552%
24	14.027	2027	2030	2035	rBV	503974	527759	2.96%	0.283%
25	14.139	2045	2049	2052	rBV	317752	384520	2.16%	0.206%
26	14.257	2066	2069	2073	rBV	542112	438416	2.46%	0.235%
27	14.445	2098	2101	2108	rBV	4990711	4934331	27.70%	2.647%
28	14.651	2133	2136	2141	rBV	527329	608694	3.42%	0.327%
29	14.757	2149	2154	2160	rVB3	313093	533530	2.99%	0.286%
30	14.821	2162	2165	2172	rVB	237957	269818	1.51%	0.145%
31	14.886	2172	2176	2180	rBV	1496039	1498977	8.41%	0.804%
32	14.974	2188	2191	2198	rBV	194128	299493	1.68%	0.161%
33	15.080	2204	2209	2210	rBV	2982008	3257271	18.28%	1.747%
34	15.098	2210	2212	2219	rVV	2663920	3090573	17.35%	1.658%

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

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

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35	15.151	2219	2221	2226	rVB	176460	215332	1.21%	0.116%
36	15.239	2233	2236	2240	rBV2	229109	248264	1.39%	0.133%
37	15.392	2257	2262	2267	rBV	2345652	2708347	15.20%	1.453%
38	15.451	2268	2272	2275	rVV	331275	446160	2.50%	0.239%
39	15.480	2275	2277	2283	rVB3	185896	202415	1.14%	0.109%
40	15.645	2299	2305	2314	rBV	2182390	2992964	16.80%	1.606%
41	15.880	2338	2345	2348	rBV	3574478	5327940	29.91%	2.858%
42	15.921	2348	2352	2359	rVB	1806731	2801348	15.72%	1.503%
43	15.992	2360	2364	2367	rBV	316858	445027	2.50%	0.239%
44	16.104	2379	2383	2396	rVB2	306270	681465	3.83%	0.366%
45	16.368	2424	2428	2434	rVB2	230184	355036	1.99%	0.190%
46	16.427	2434	2438	2445	rBV4	152862	337714	1.90%	0.181%
47	16.645	2469	2475	2483	rBV	1267481	2356645	13.23%	1.264%
48	16.951	2520	2527	2532	rBV	970461	1925756	10.81%	1.033%
49	17.027	2533	2540	2550	rVV	1238561	3151155	17.69%	1.690%
50	17.121	2550	2556	2564	rVB2	636489	1339850	7.52%	0.719%
51	17.409	2597	2605	2615	rBV2	985767	2259071	12.68%	1.212%
52	17.621	2636	2641	2653	rVB6	230607	555114	3.12%	0.298%
53	17.850	2675	2680	2692	rVB6	240993	610224	3.43%	0.327%
54	18.039	2706	2712	2718	rBV4	317657	750275	4.21%	0.402%
55	18.403	2767	2774	2787	rVB6	307016	866171	4.86%	0.465%
56	18.586	2798	2805	2812	rBV3	237974	643865	3.61%	0.345%

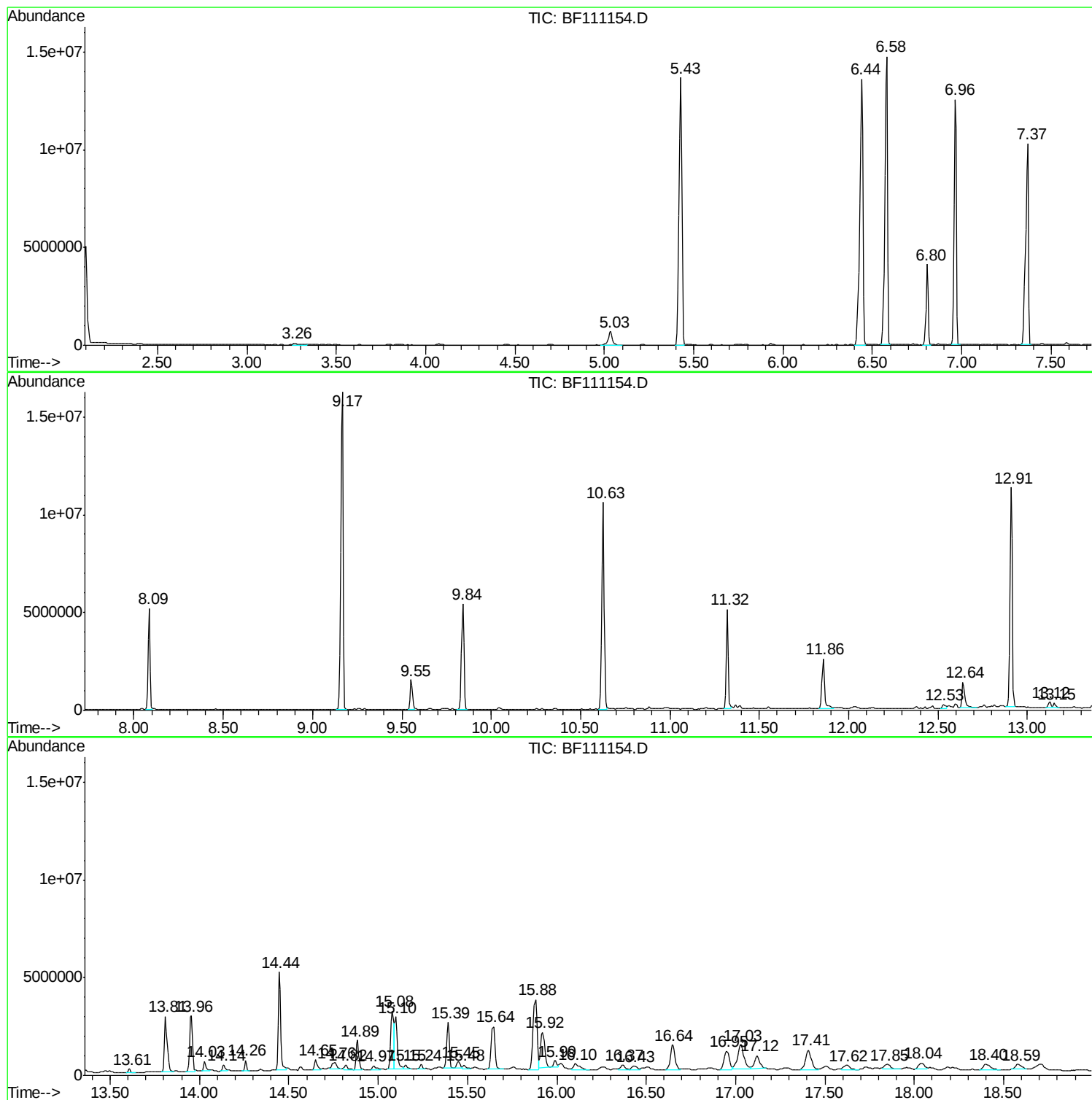
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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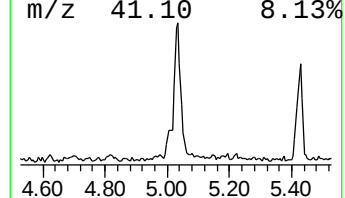
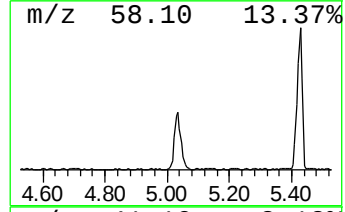
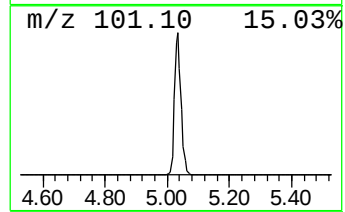
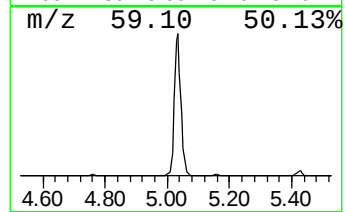
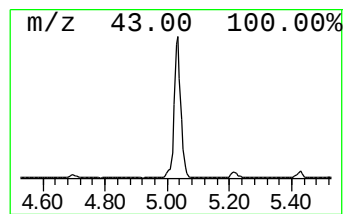
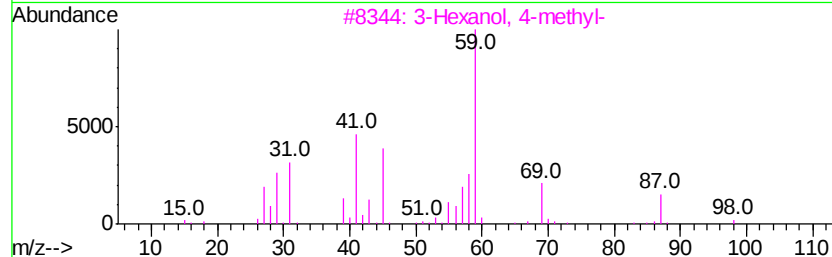
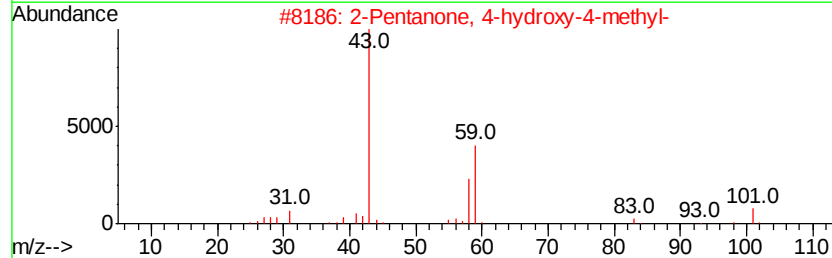
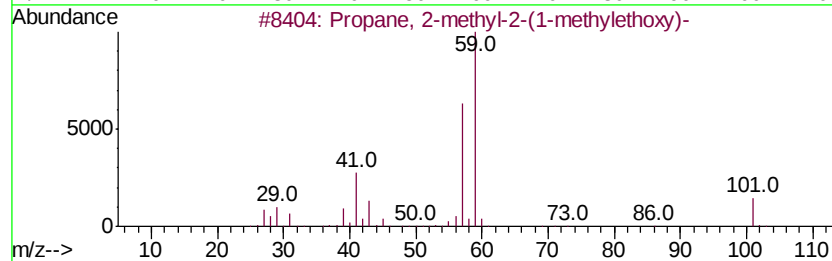
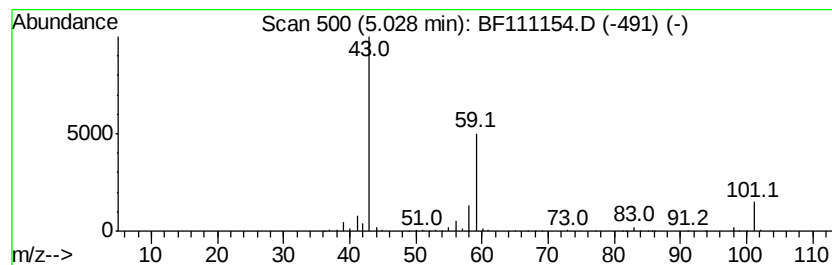
Instrument :
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ClientSampleId :
HLSP-DUP01-112918

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 Propane, 2-methyl-2-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.03	6.69 ng	1106400	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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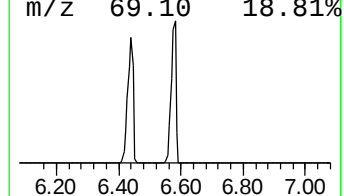
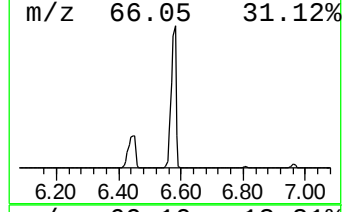
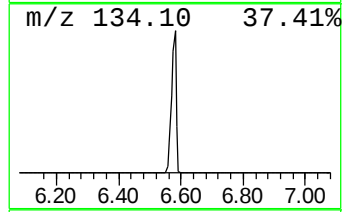
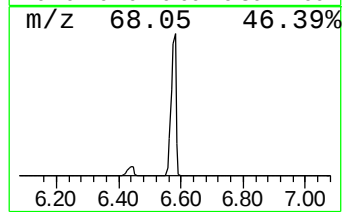
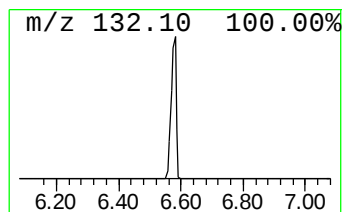
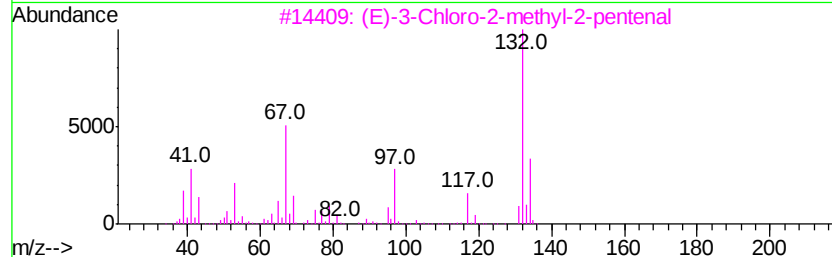
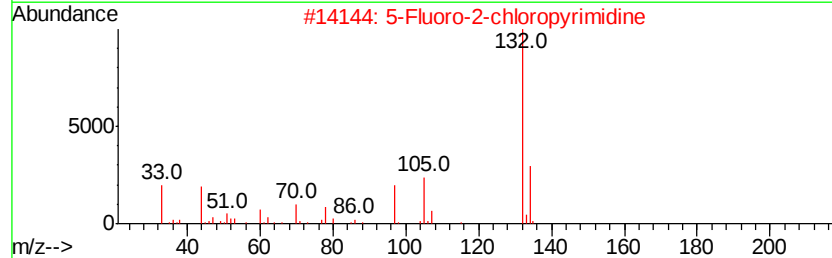
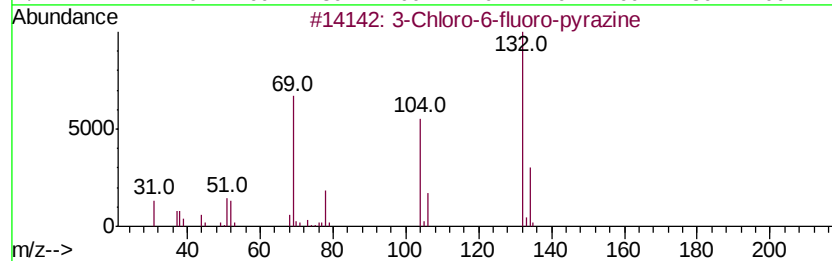
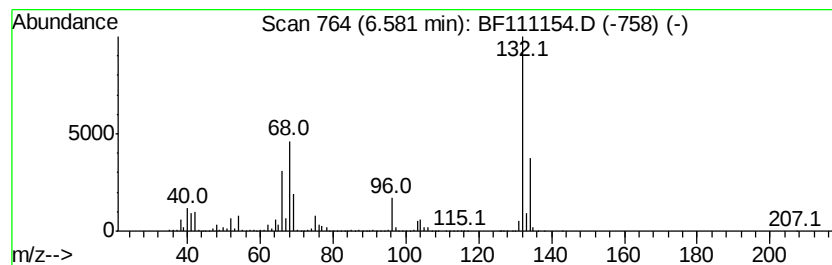
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	97.22 ng	16066200	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10



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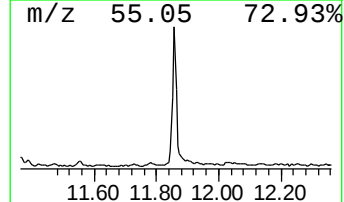
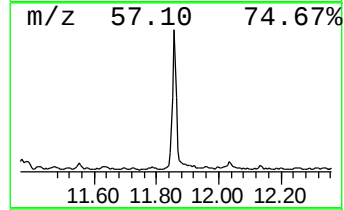
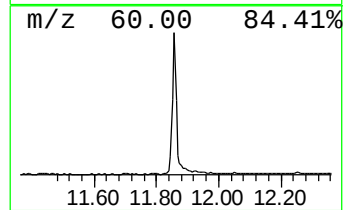
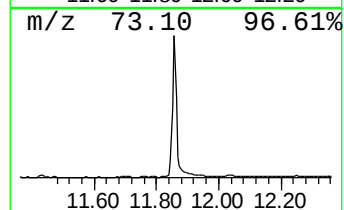
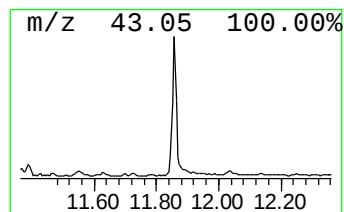
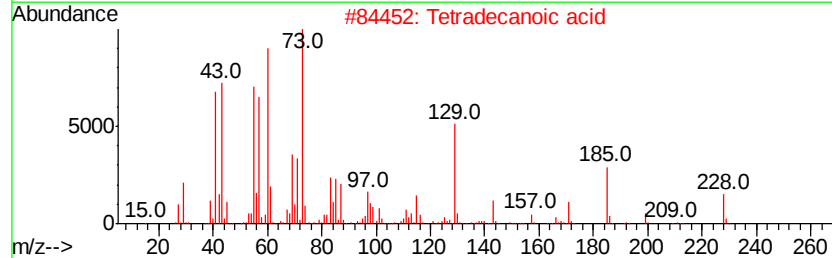
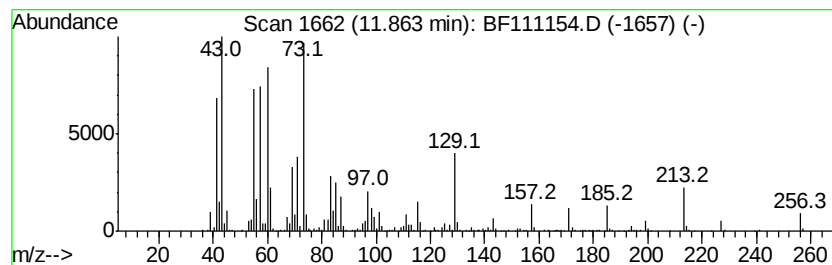
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.26 ng	2356060	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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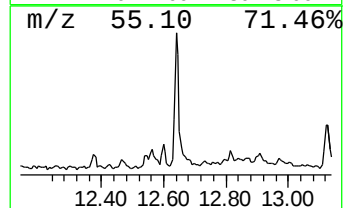
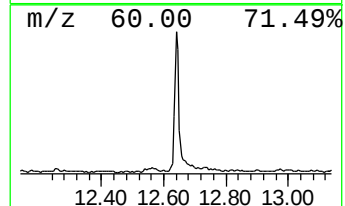
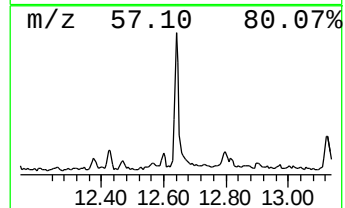
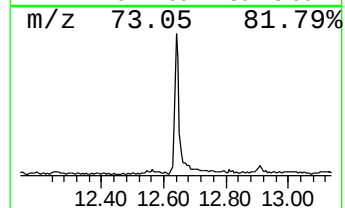
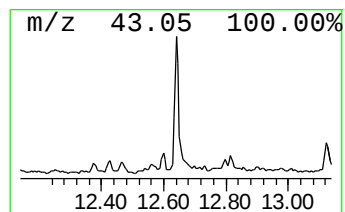
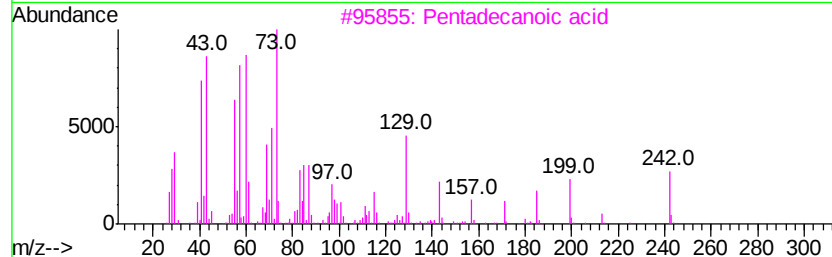
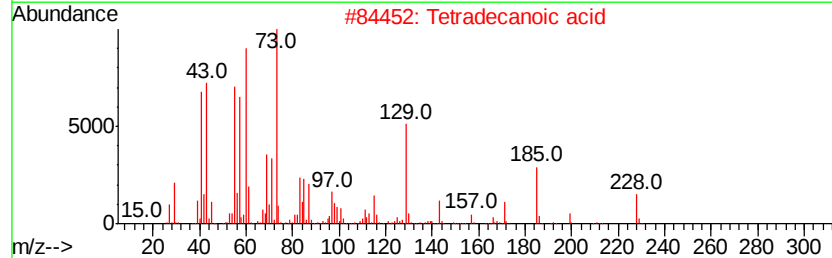
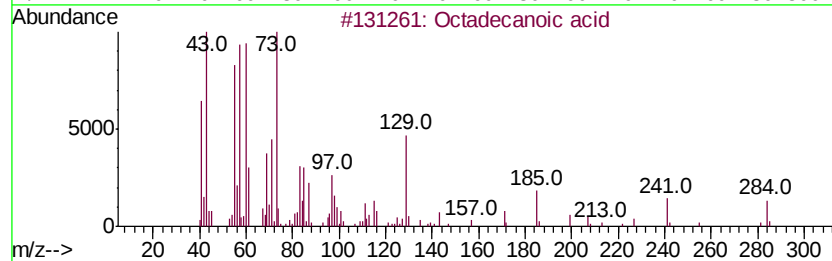
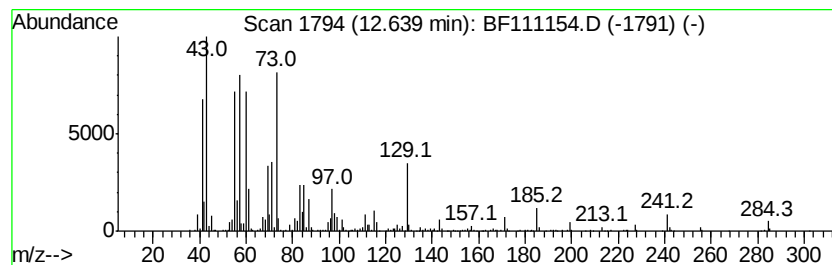
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	9.61 ng	1390450	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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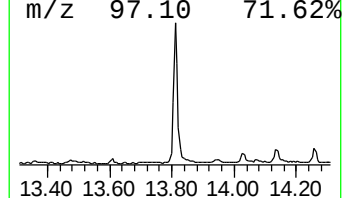
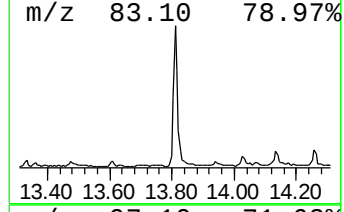
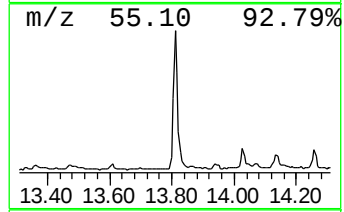
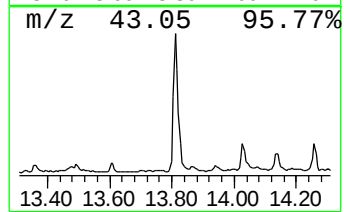
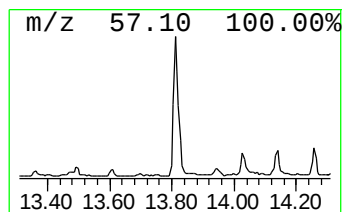
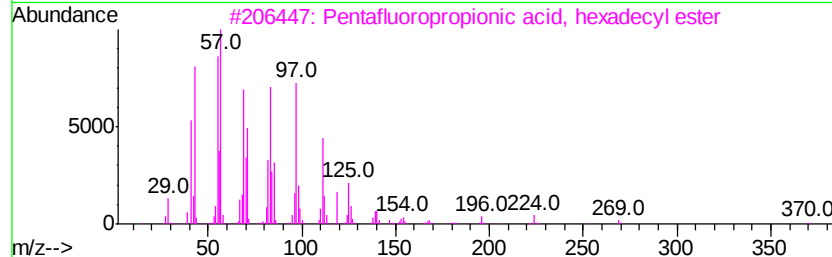
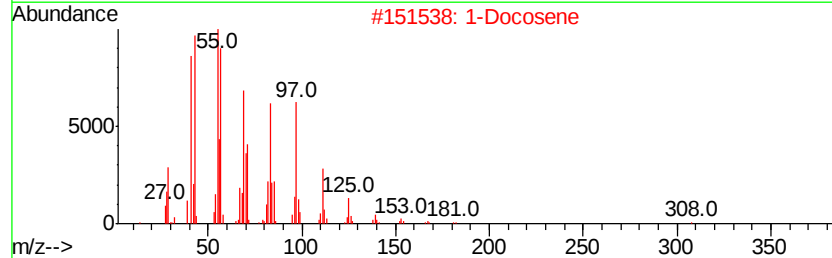
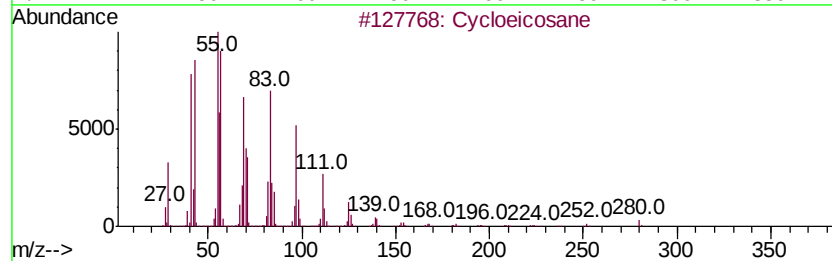
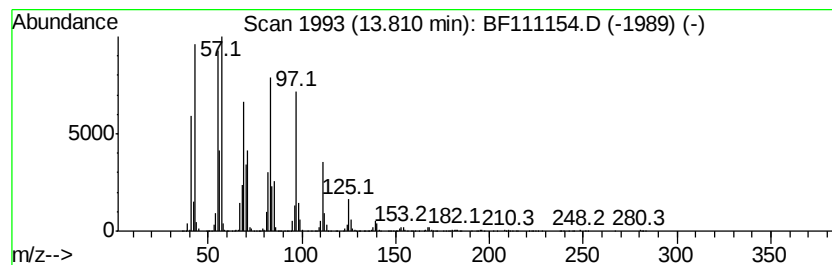
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cycloeicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	20.68 ng	2991370	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	96
2		1-Docosene	308	C22H44	001599-67-3	94
3		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
Acq On : 6 Dec 2018 22:39
Operator : JU/SJ
Sample : J6204-19
Misc :
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Instrument :
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ClientSampleId :
HLSP-DUP01-112918

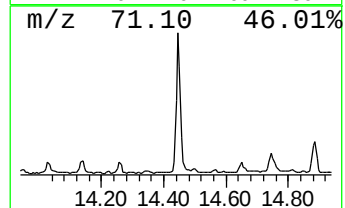
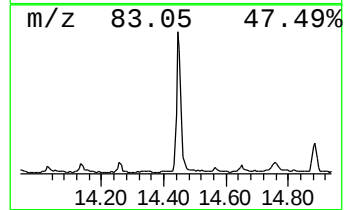
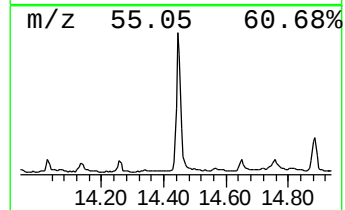
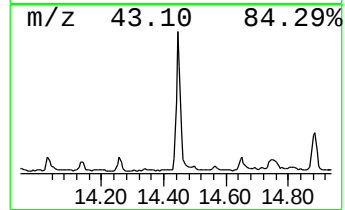
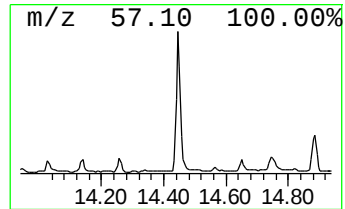
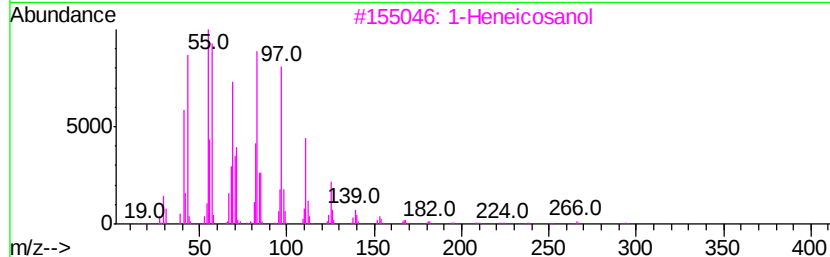
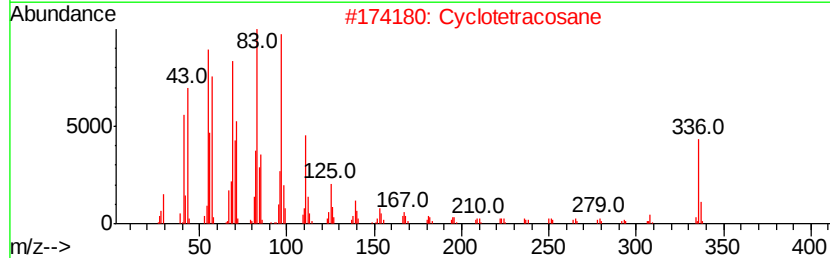
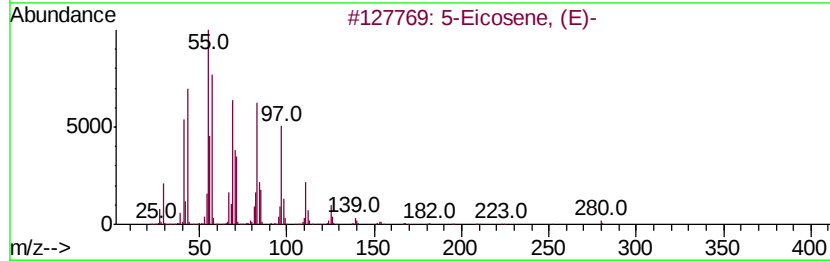
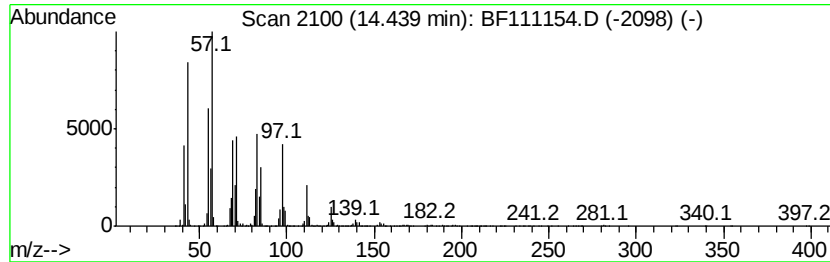
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	34.11 ng	4934330	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91



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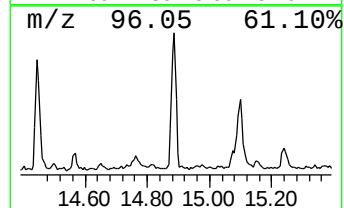
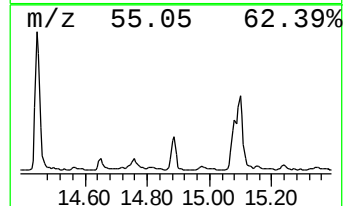
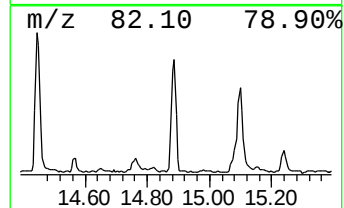
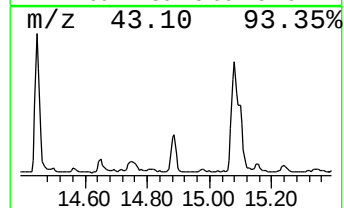
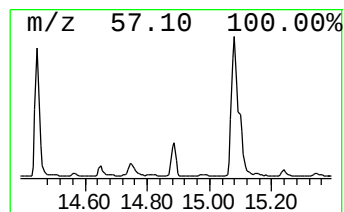
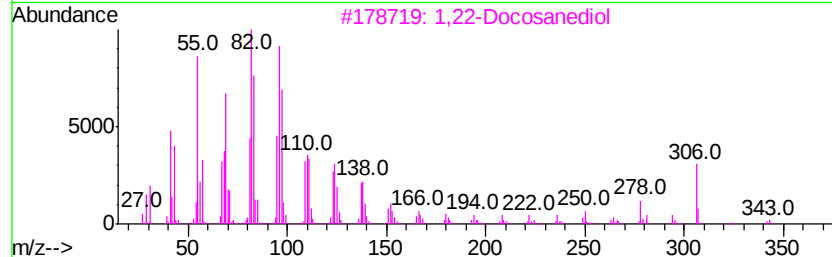
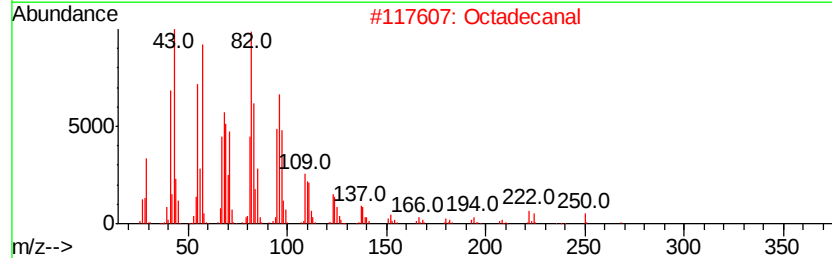
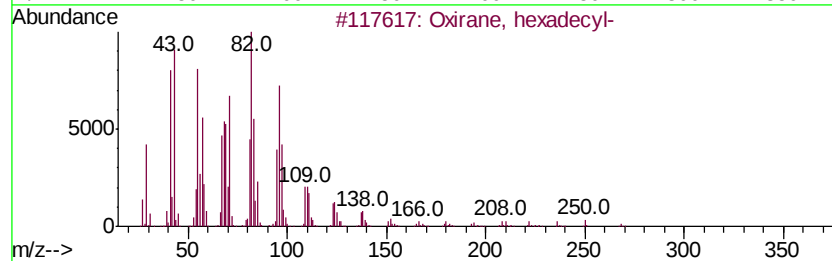
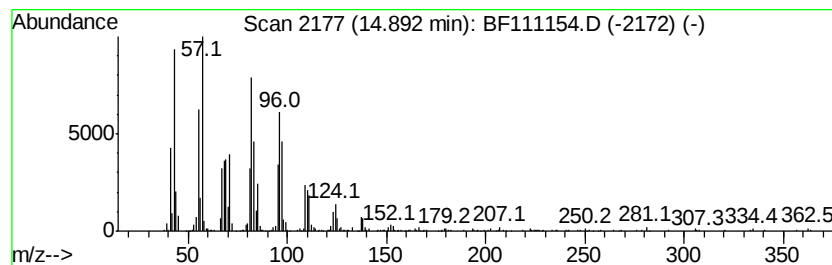
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	11.07 ng	1498980	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	96
2	Octadecanal	268 C18H36O	000638-66-4	94
3	1,22-Docosanediol	342 C22H46O2	022513-81-1	93
4	16-Octadecenal	266 C18H34O	056554-87-1	90
5	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
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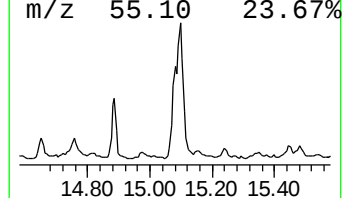
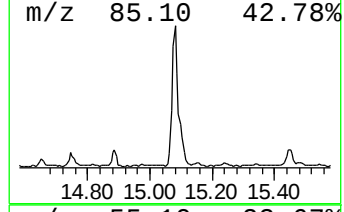
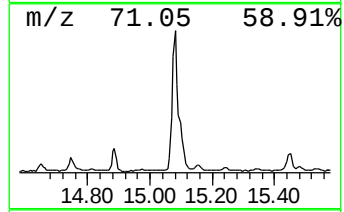
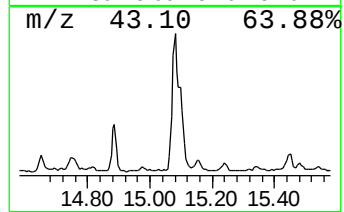
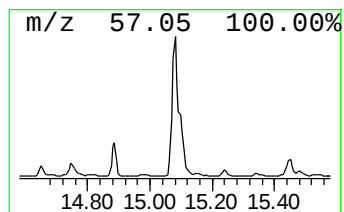
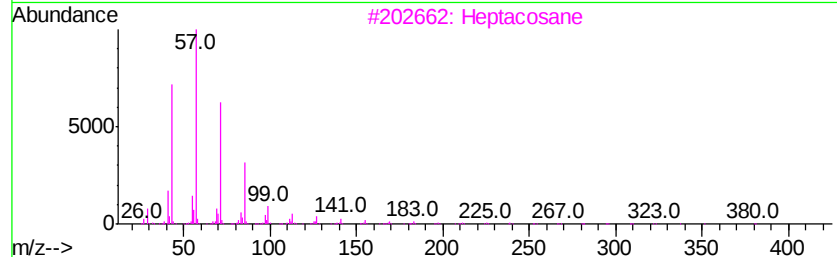
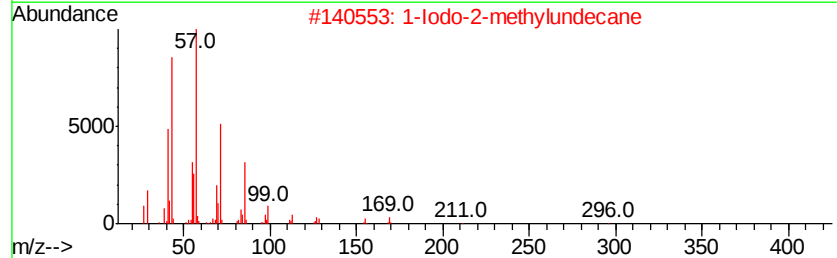
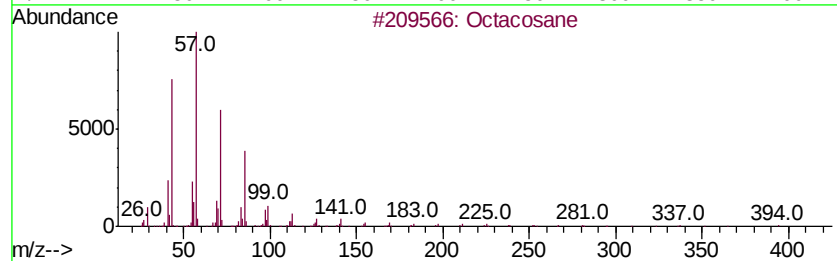
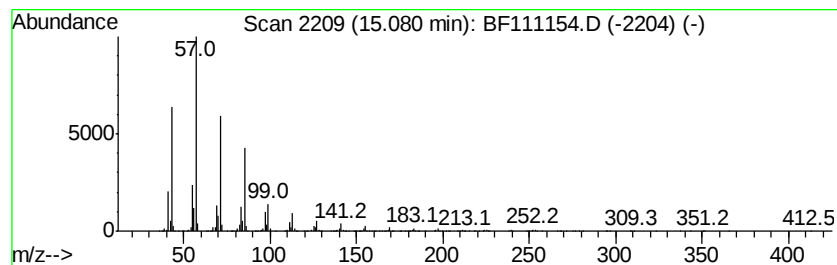
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	24.05 ng	3257270	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
Acq On : 6 Dec 2018 22:39
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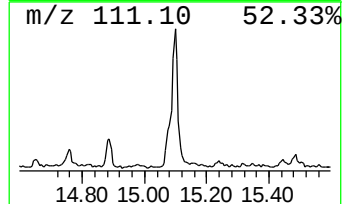
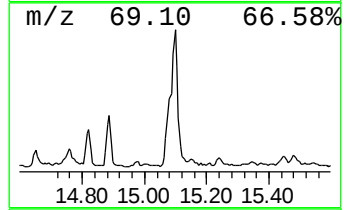
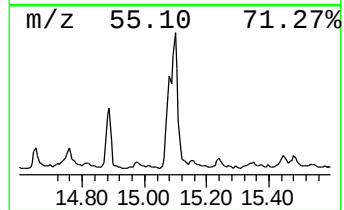
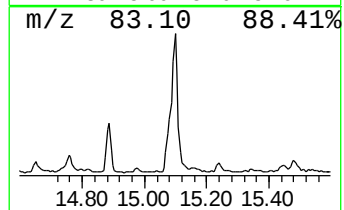
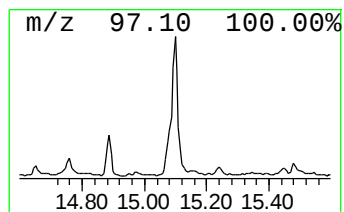
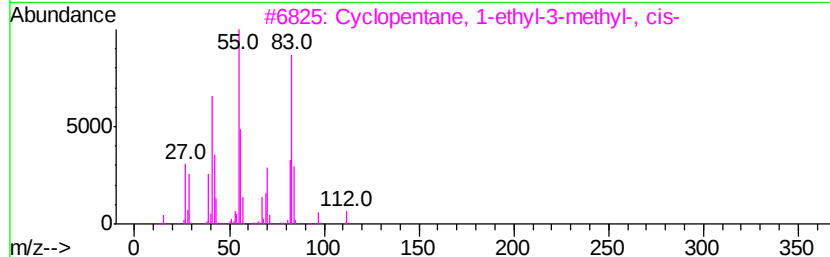
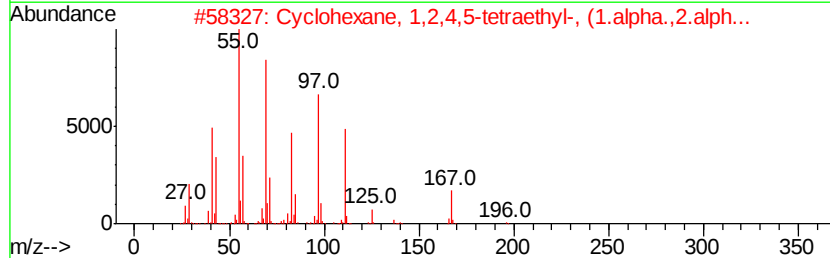
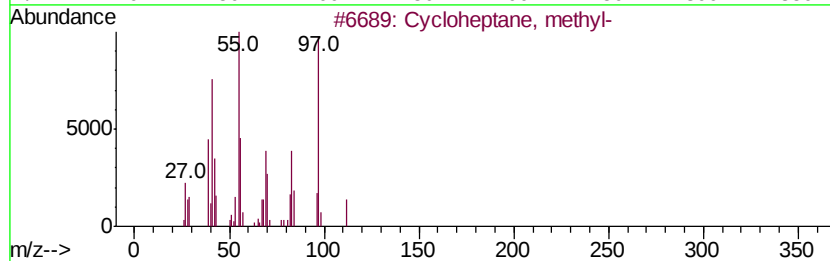
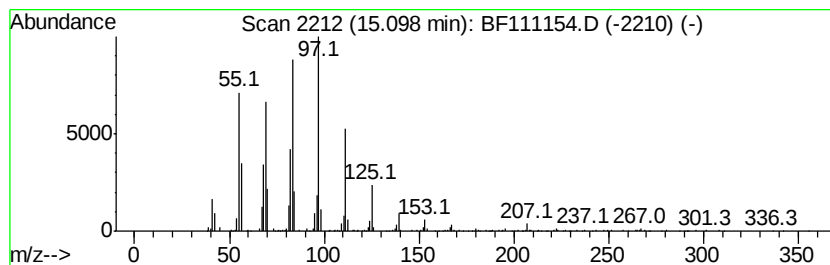
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown15.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	22.82 ng	3090570	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	45
2		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	43
3		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	30
4		5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	30
5		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Sample : J6204-19
Misc :
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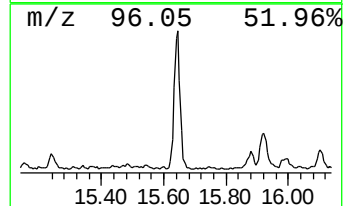
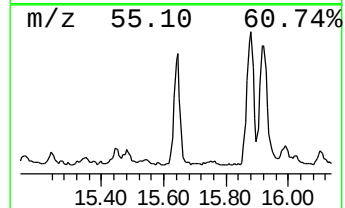
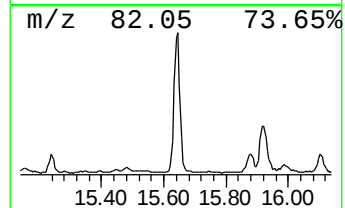
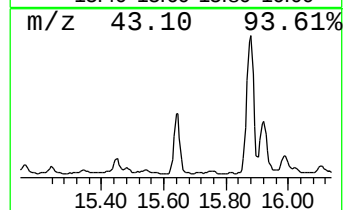
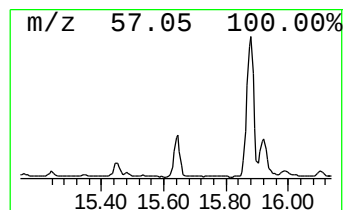
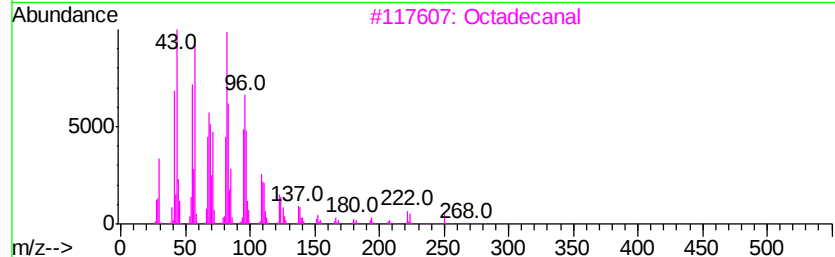
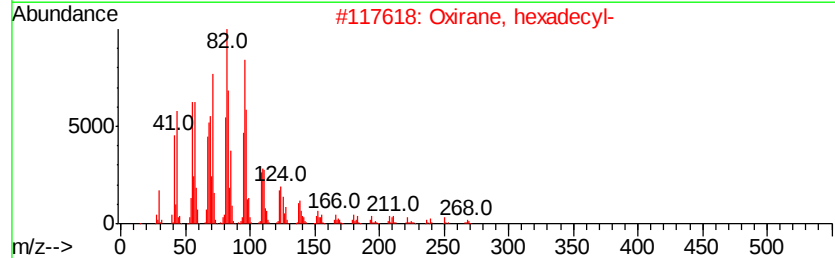
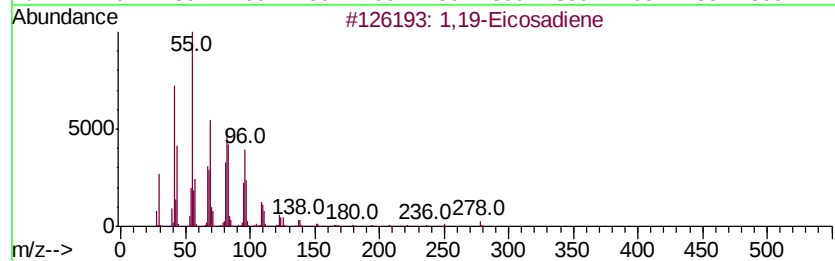
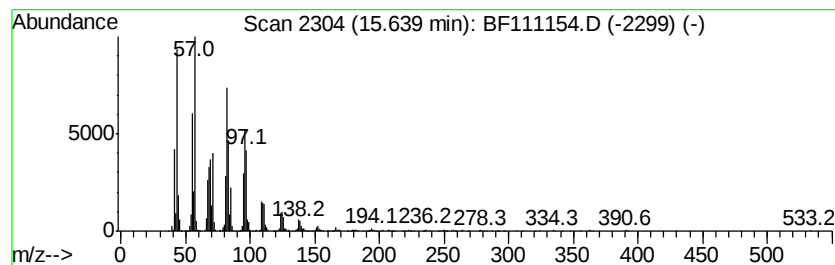
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,19-Eicosadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.64	22.10 ng	2992960	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	92
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	90
4	12-Octadecenal	266	C18H34O	056554-91-7	87
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



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ALS Vial : 15 Sample Multiplier: 1

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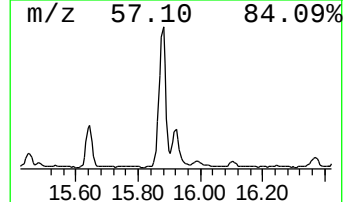
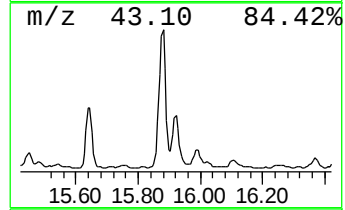
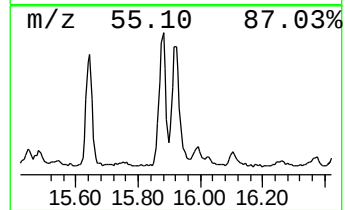
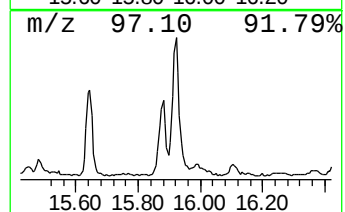
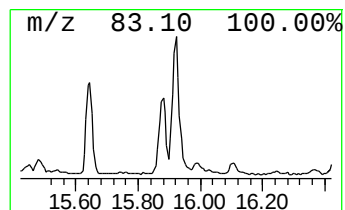
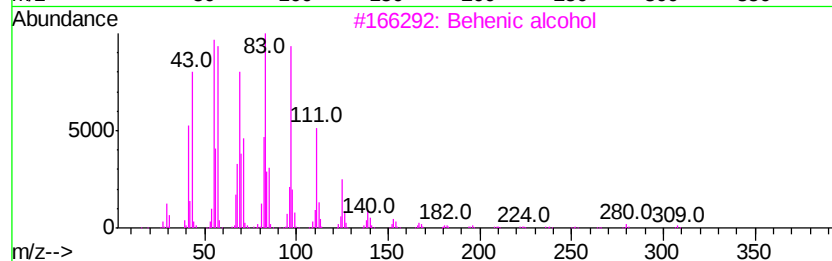
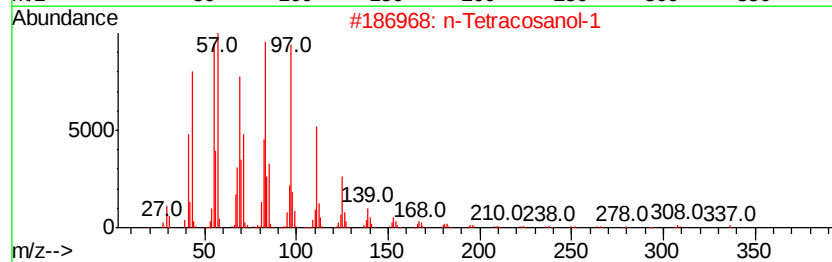
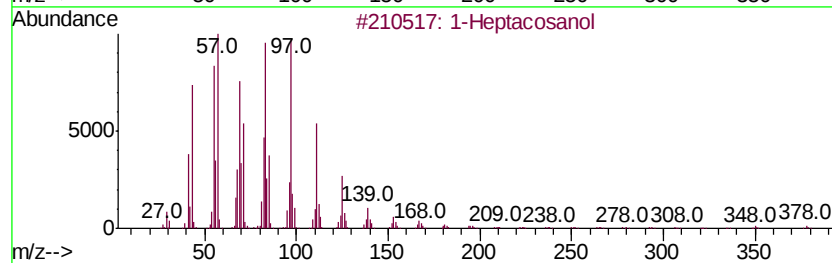
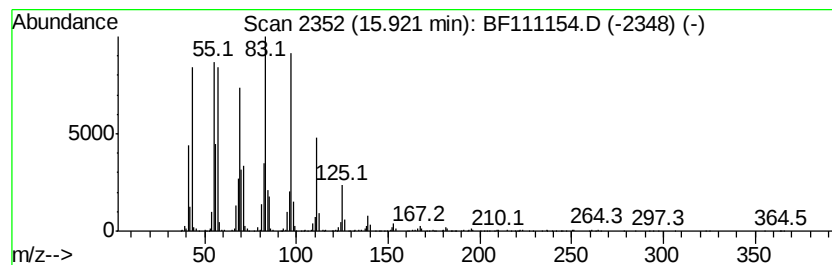
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	20.69 ng	2801350	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		Behenic alcohol	326	C22H46O	000661-19-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	70
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
Acq On : 6 Dec 2018 22:39
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Sample : J6204-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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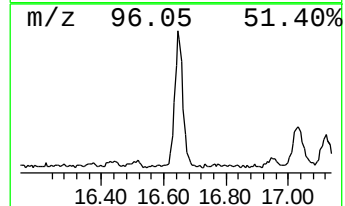
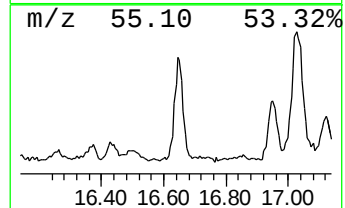
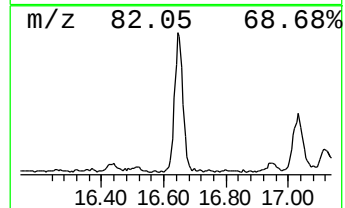
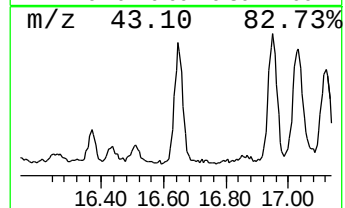
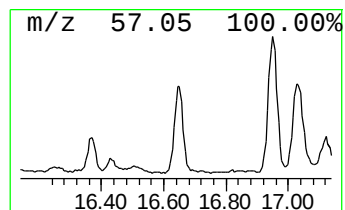
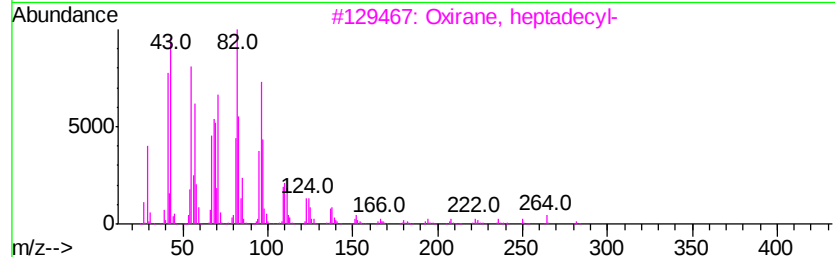
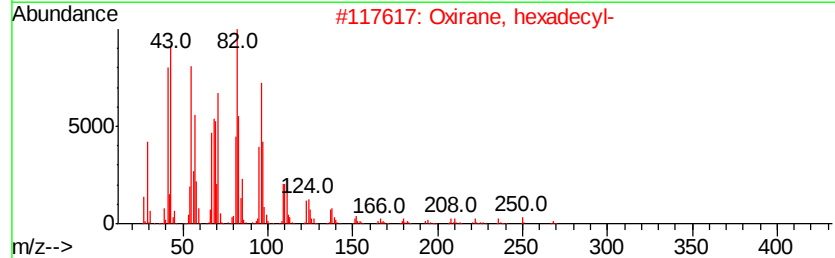
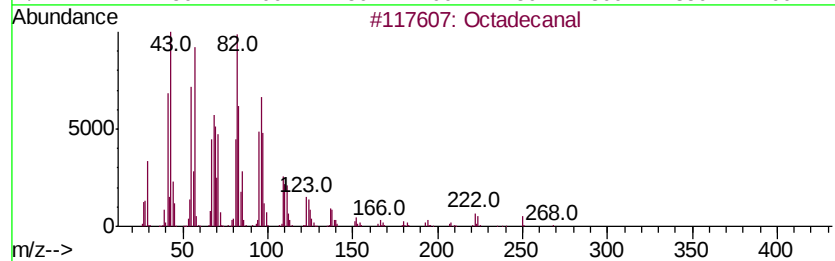
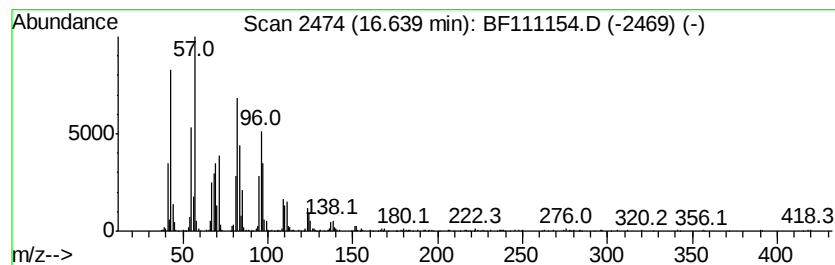
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	17.40 ng	2356650	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
4		1,19-Eicosadiene	278	C20H38	014811-95-1	70
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
Acq On : 6 Dec 2018 22:39
Operator : JU/SJ
Sample : J6204-19
Misc :
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Instrument :
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ClientSampleId :
HLSP-DUP01-112918

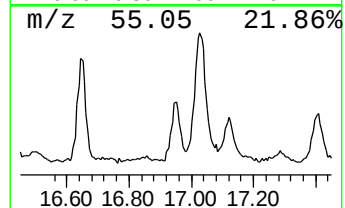
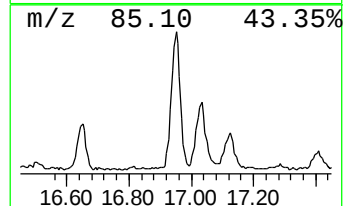
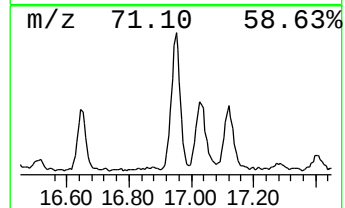
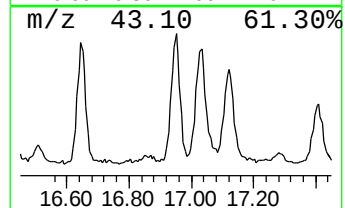
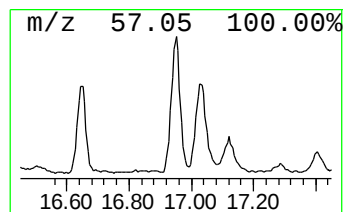
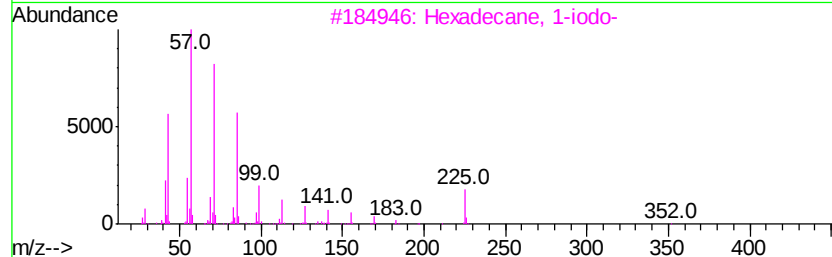
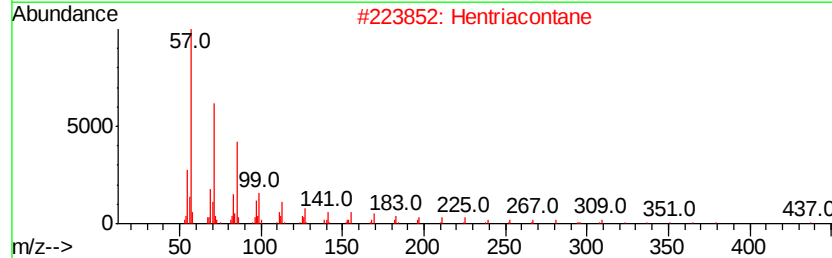
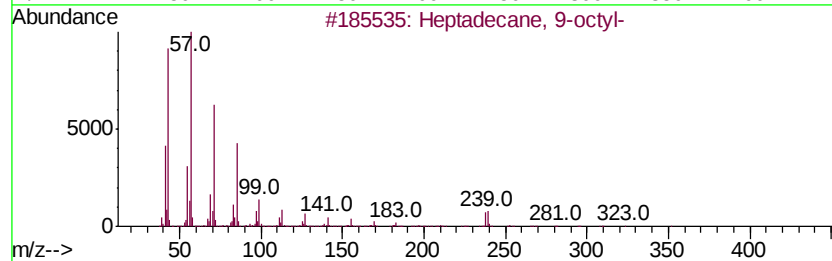
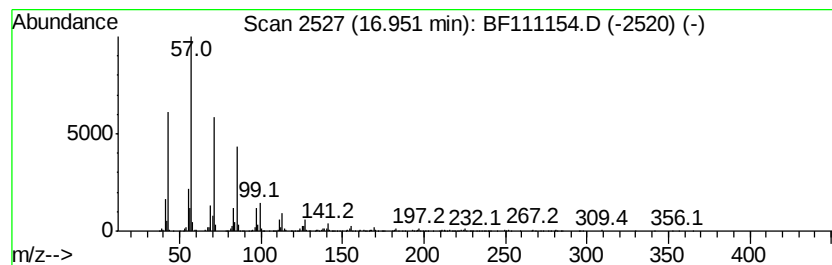
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	14.22 ng	1925760	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Pentacosane	352	C25H52	000629-99-2	90



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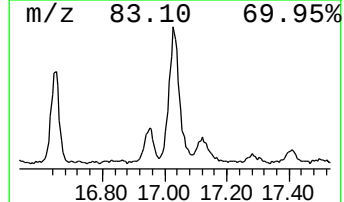
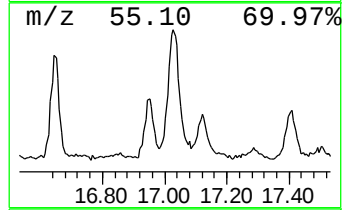
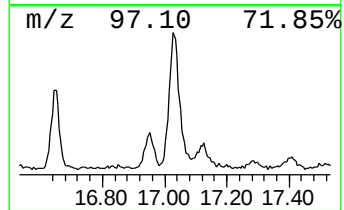
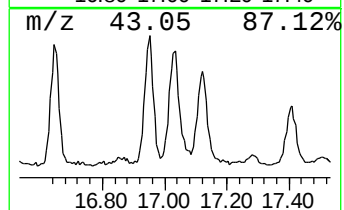
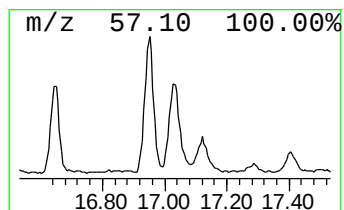
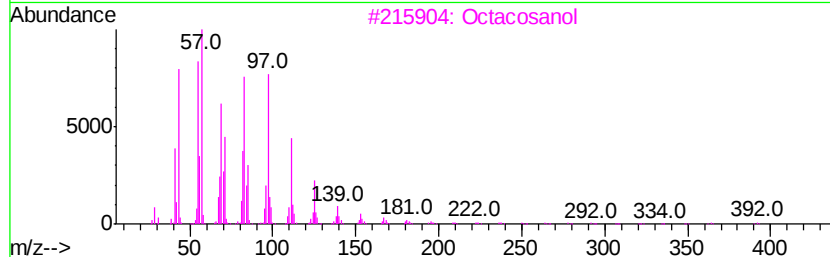
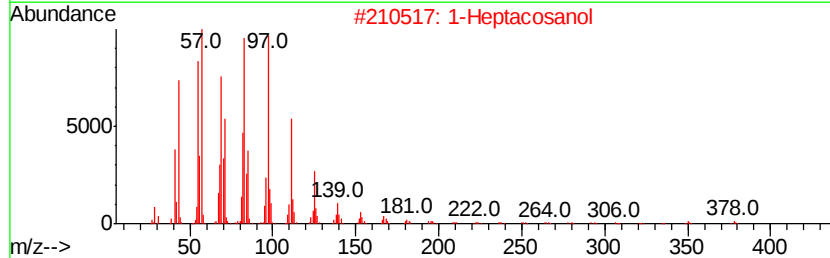
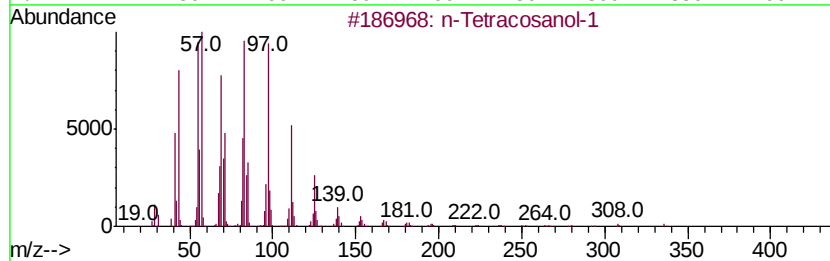
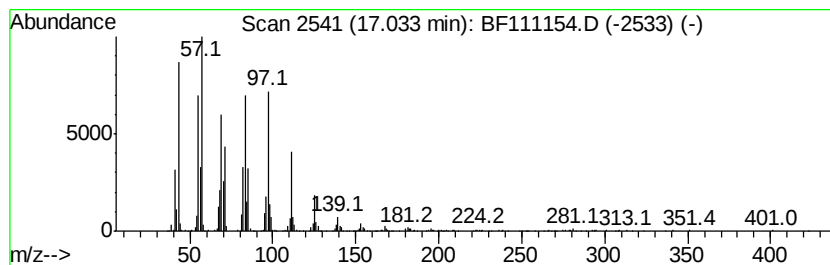
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	23.27 ng	3151160	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Octacosanol	410	C28H58O	000557-61-9	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
Acq On : 6 Dec 2018 22:39
Operator : JU/SJ
Sample : J6204-19
Misc :
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Instrument :
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ClientSampleId :
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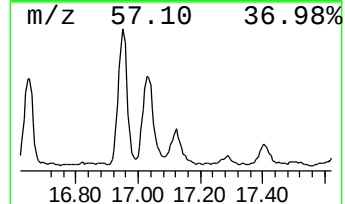
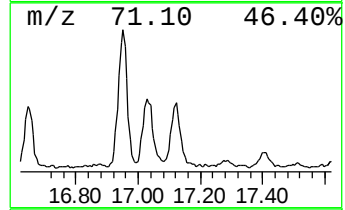
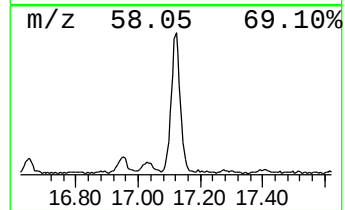
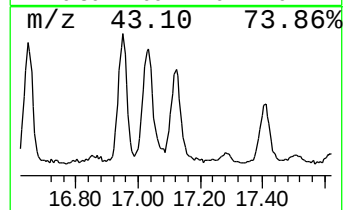
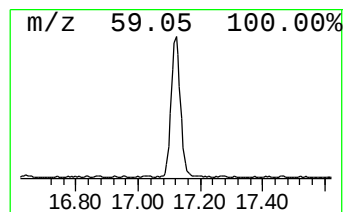
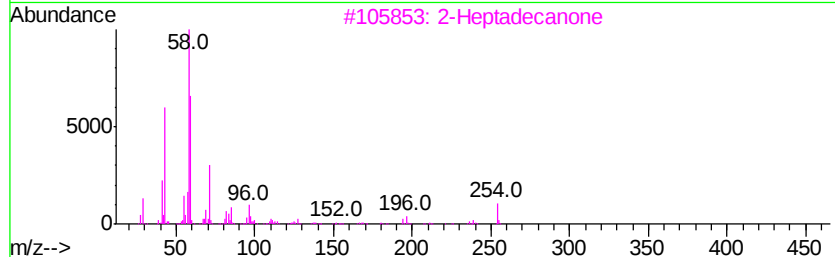
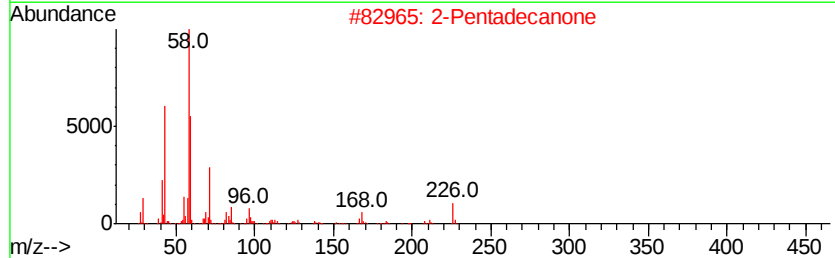
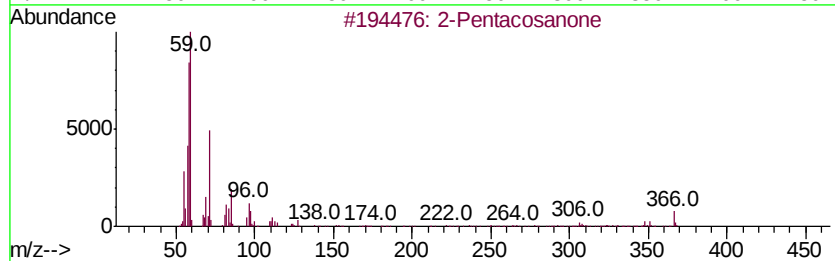
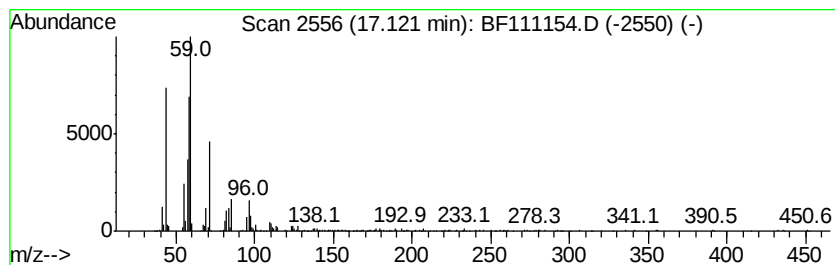
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Pentacosanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	9.89 ng	1339850	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentacosanone	366	C25H50O	075207-54-4	86
2			2-Pentadecanone	226	C15H30O	002345-28-0	53
3			2-Heptadecanone	254	C17H34O	002922-51-2	53
4			Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	50
5			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111154.D
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Sample : J6204-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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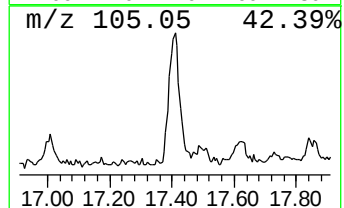
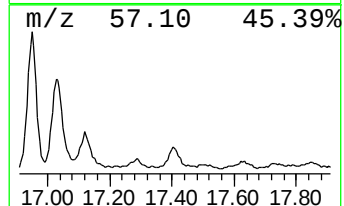
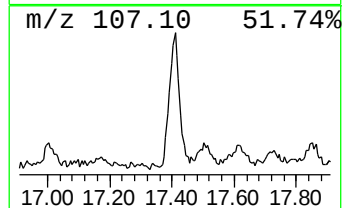
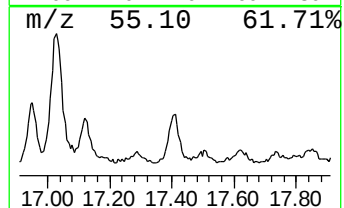
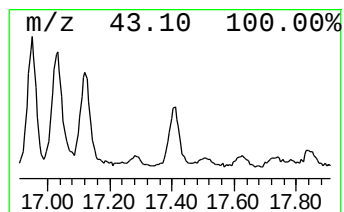
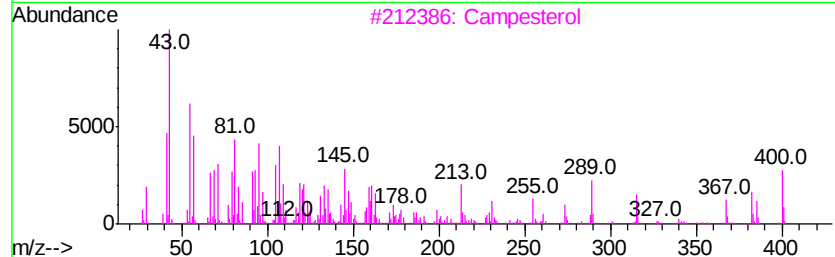
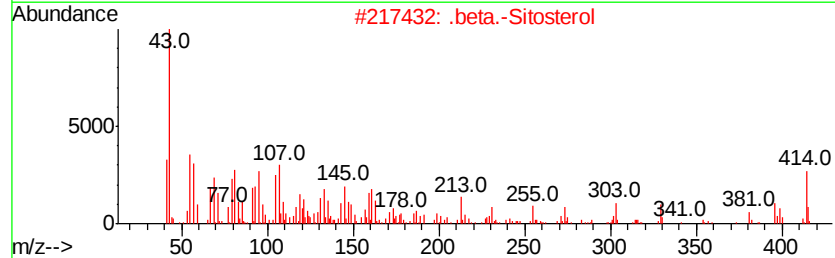
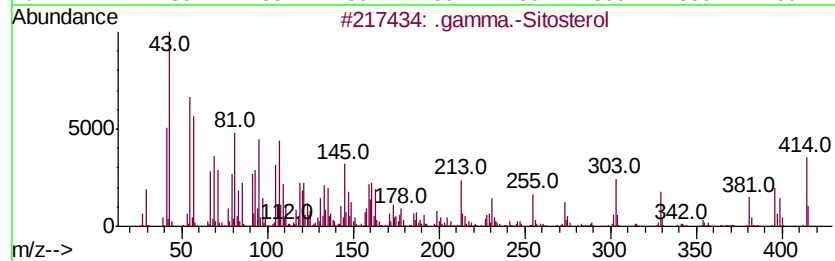
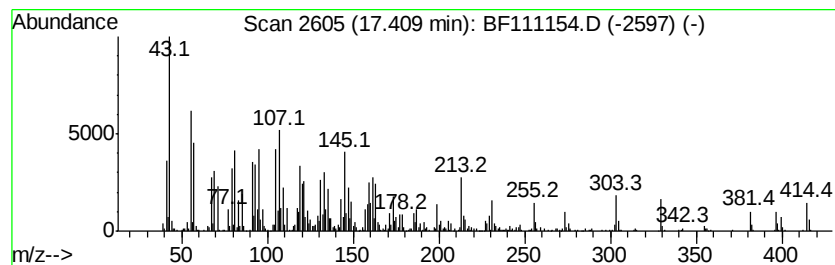
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	16.68 ng	2259070	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3		Campesterol	400	C28H48O	000474-62-4	53
4		Isocholesterol methyl ether	400	C28H48O	029944-53-4	53
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	53



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

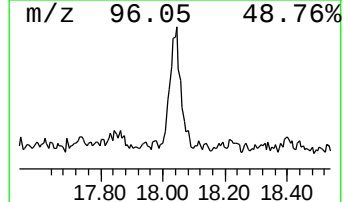
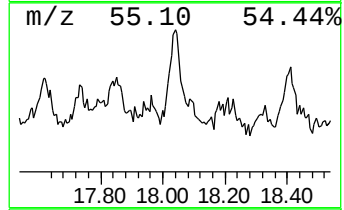
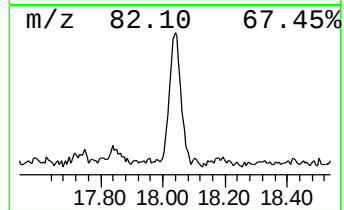
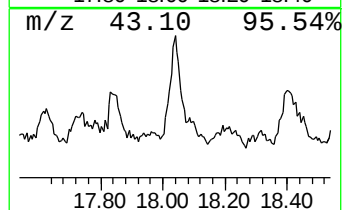
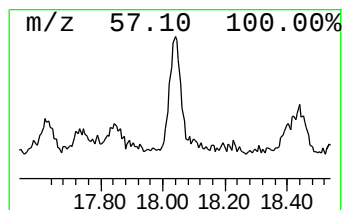
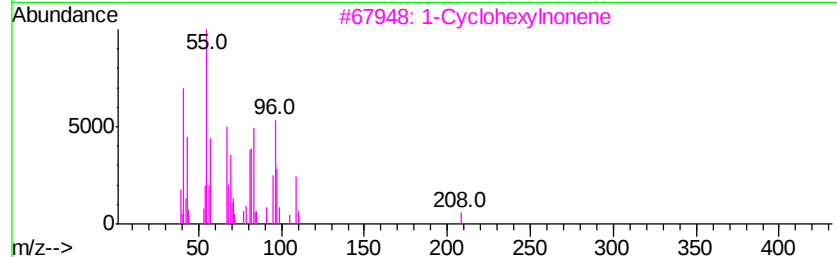
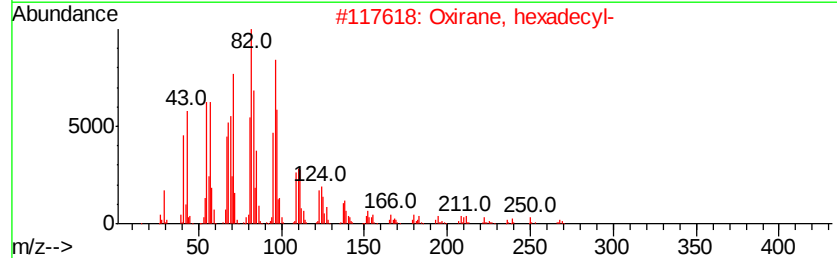
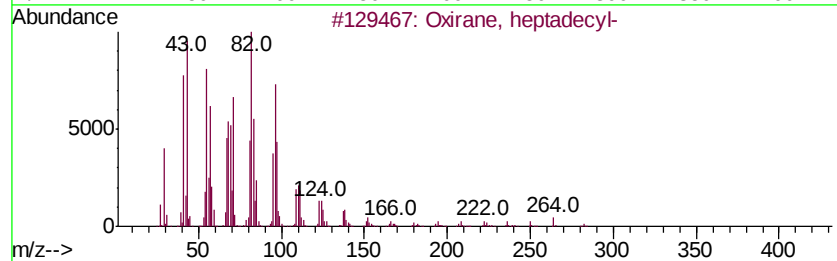
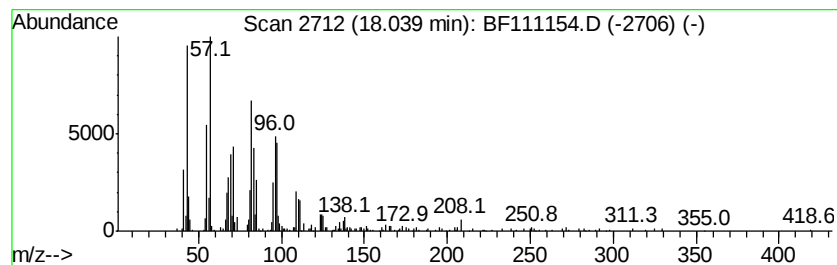
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxirane, heptadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.04	5.54 ng	750275	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
3	1-Cyclohexylnonene	208	C15H28	114614-84-5	53
4	17-Pentatriacontene	491	C35H70	006971-40-0	49
5	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	46



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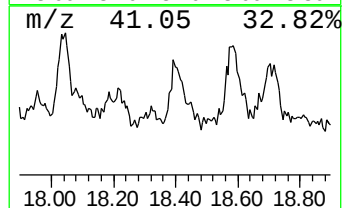
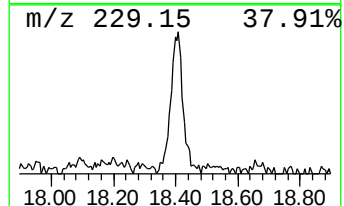
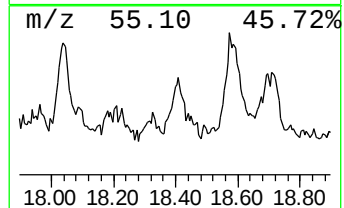
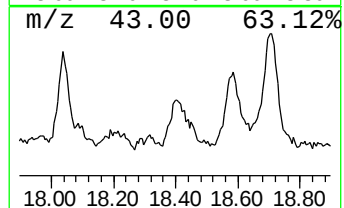
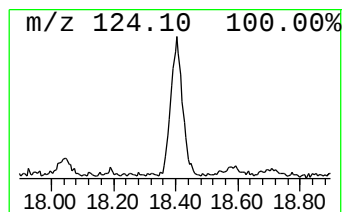
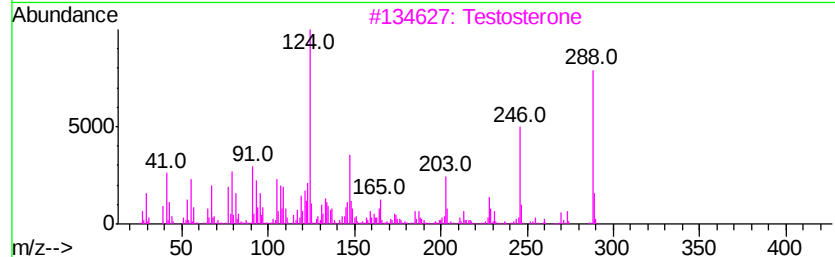
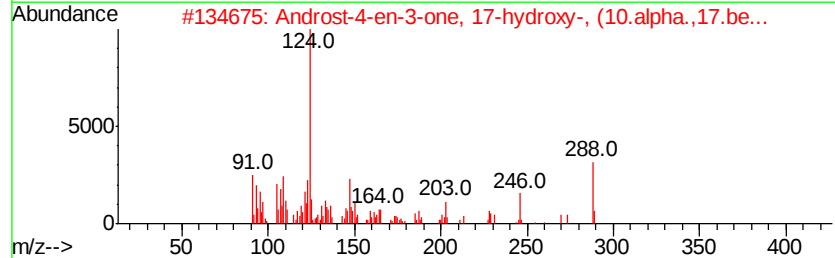
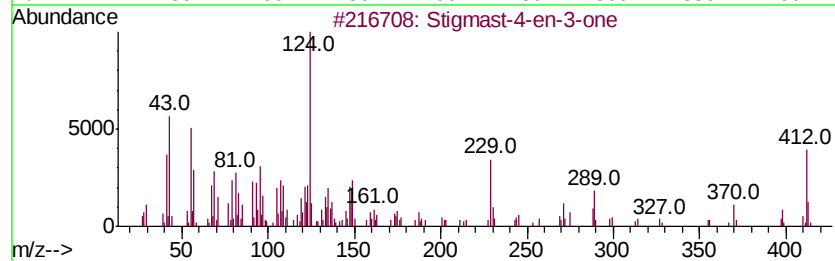
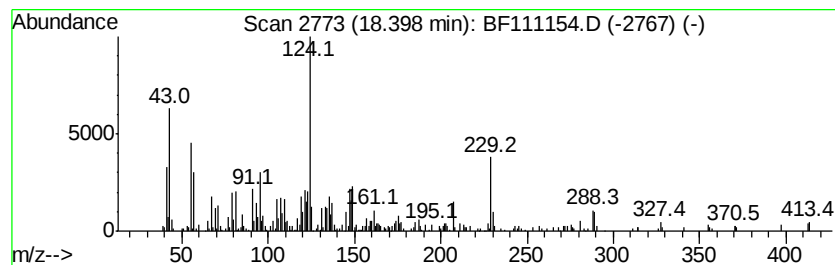
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	6.40 ng	866171	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 98
2		Androst-4-en-3-one, 17-hydroxy-, ...	288 C19H28O2	000604-39-7 64
3		Testosterone	288 C19H28O2	000058-22-0 50
4		2,6,8-Trimethylbicyclo[4.2.0]oct...	182 C11H18O2	1000187-22-4 41
5		5-Ethylcyclopent-1-enecarboxalde...	124 C8H12O	036431-60-4 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111154.D
 Acq On : 6 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6204-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-DUP01-112918

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
Propane, 2-methyl...	5.03	6.7	ng	1106400	1	6.80	3305220	20.0
unknown6.58	6.58	97.2	ng	16066200	1	6.80	3305220	20.0
n-Hexadecanoic acid	11.86	11.3	ng	2356060	4	11.32	4183960	20.0
Octadecanoic acid	12.64	9.6	ng	1390450	5	13.96	2893070	20.0
Cycloeicosane	13.81	20.7	ng	2991370	5	13.96	2893070	20.0
5-Eicosene, (E)-	14.44	34.1	ng	4934330	5	13.96	2893070	20.0
Oxirane, hexadecyl-	14.89	11.1	ng	1498980	6	15.39	2708350	20.0
Octacosane	15.08	24.1	ng	3257270	6	15.39	2708350	20.0
unknown15.10	15.10	22.8	ng	3090570	6	15.39	2708350	20.0
1,19-Eicosadiene	15.64	22.1	ng	2992960	6	15.39	2708350	20.0
1-Heptacosanol	15.92	20.7	ng	2801350	6	15.39	2708350	20.0
Octadecanal	16.64	17.4	ng	2356650	6	15.39	2708350	20.0
Heptadecane, 9-oc...	16.95	14.2	ng	1925760	6	15.39	2708350	20.0
n-Tetracosanol-1	17.03	23.3	ng	3151160	6	15.39	2708350	20.0
2-Pentacosanone	17.12	9.9	ng	1339850	6	15.39	2708350	20.0
.gamma.-Sitosterol	17.41	16.7	ng	2259070	6	15.39	2708350	20.0
Oxirane, heptadecyl-	18.04	5.5	ng	750275	6	15.39	2708350	20.0
Stigmast-4-en-3-one	18.40	6.4	ng	866171	6	15.39	2708350	20.0