

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111203.D
 Acq On : 7 Dec 2018 22:44
 Operator : JU/SJ
 Sample : J6224-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

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	4.381	386	390	394	rBV	177324	197172	2.12%	0.232%
2	5.010	489	497	503	rVB	506505	658712	7.09%	0.775%
3	5.422	562	567	570	rBV	8884548	8475674	91.26%	9.971%
4	6.434	733	739	744	rBV	8779697	9287587	100.00%	10.926%
5	6.575	758	763	766	rBV	9243480	8128121	87.52%	9.562%
6	6.804	799	802	805	rBV	3310823	2576384	27.74%	3.031%
7	6.963	825	829	832	rBV	6790070	5598434	60.28%	6.586%
8	7.363	892	897	900	rBV	5499171	4867855	52.41%	5.727%
9	7.416	903	906	908	rVB	117186	101263	1.09%	0.119%
10	8.086	1016	1020	1023	rBV	5310991	4337225	46.70%	5.102%
11	8.686	1118	1122	1125	rBV2	152853	144758	1.56%	0.170%
12	8.798	1137	1141	1146	rVB	184625	187822	2.02%	0.221%
13	8.898	1155	1158	1162	rVB	130963	116174	1.25%	0.137%
14	9.163	1199	1203	1206	rBV	10279792	8877213	95.58%	10.443%
15	9.251	1216	1218	1223	rVB2	157056	167542	1.80%	0.197%
16	9.428	1241	1248	1254	rBV5	53592	104031	1.12%	0.122%
17	9.557	1267	1270	1272	rBV	741085	648667	6.98%	0.763%
18	9.780	1306	1308	1311	rVB	142862	107819	1.16%	0.127%
19	9.839	1314	1318	1322	rVV2	5506404	4761622	51.27%	5.602%
20	10.039	1345	1352	1356	rBV2	128215	152052	1.64%	0.179%
21	10.280	1391	1393	1396	rVB	144941	106787	1.15%	0.126%
22	10.622	1447	1451	1455	rBV	4695192	4349218	46.83%	5.117%
23	11.204	1546	1550	1553	rBV2	101808	100101	1.08%	0.118%
24	11.322	1566	1570	1573	rBV	3804297	3151510	33.93%	3.708%
25	11.857	1657	1661	1670	rBV	2181755	1945301	20.95%	2.288%
26	12.533	1773	1776	1779	rBV	147163	196404	2.11%	0.231%
27	12.574	1779	1783	1787	rVB	189002	236314	2.54%	0.278%
28	12.639	1791	1794	1807	rBV	1347003	1643060	17.69%	1.933%
29	12.910	1836	1840	1843	rBV	5140085	4917049	52.94%	5.785%
30	13.815	1990	1994	1999	rVB2	535805	641305	6.90%	0.754%
31	13.957	2014	2018	2021	rBV	3584054	3200176	34.46%	3.765%
32	14.139	2046	2049	2053	rBV	162150	197330	2.12%	0.232%
33	14.445	2098	2101	2104	rBV	264648	238831	2.57%	0.281%
34	14.745	2149	2152	2161	rBV2	341171	460328	4.96%	0.542%

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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

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

35	14.815	2162	2164	2169	rVB	173117	180009	1.94%	0.212%
36	15.074	2205	2208	2211	rBV	301730	338885	3.65%	0.399%
37	15.392	2257	2262	2267	rVV2	2116926	2560399	27.57%	3.012%
38	15.445	2268	2271	2276	rVB	254689	319781	3.44%	0.376%
39	15.874	2339	2344	2348	rBV	291550	437800	4.71%	0.515%
40	16.362	2424	2427	2436	rVB3	167360	286654	3.09%	0.337%

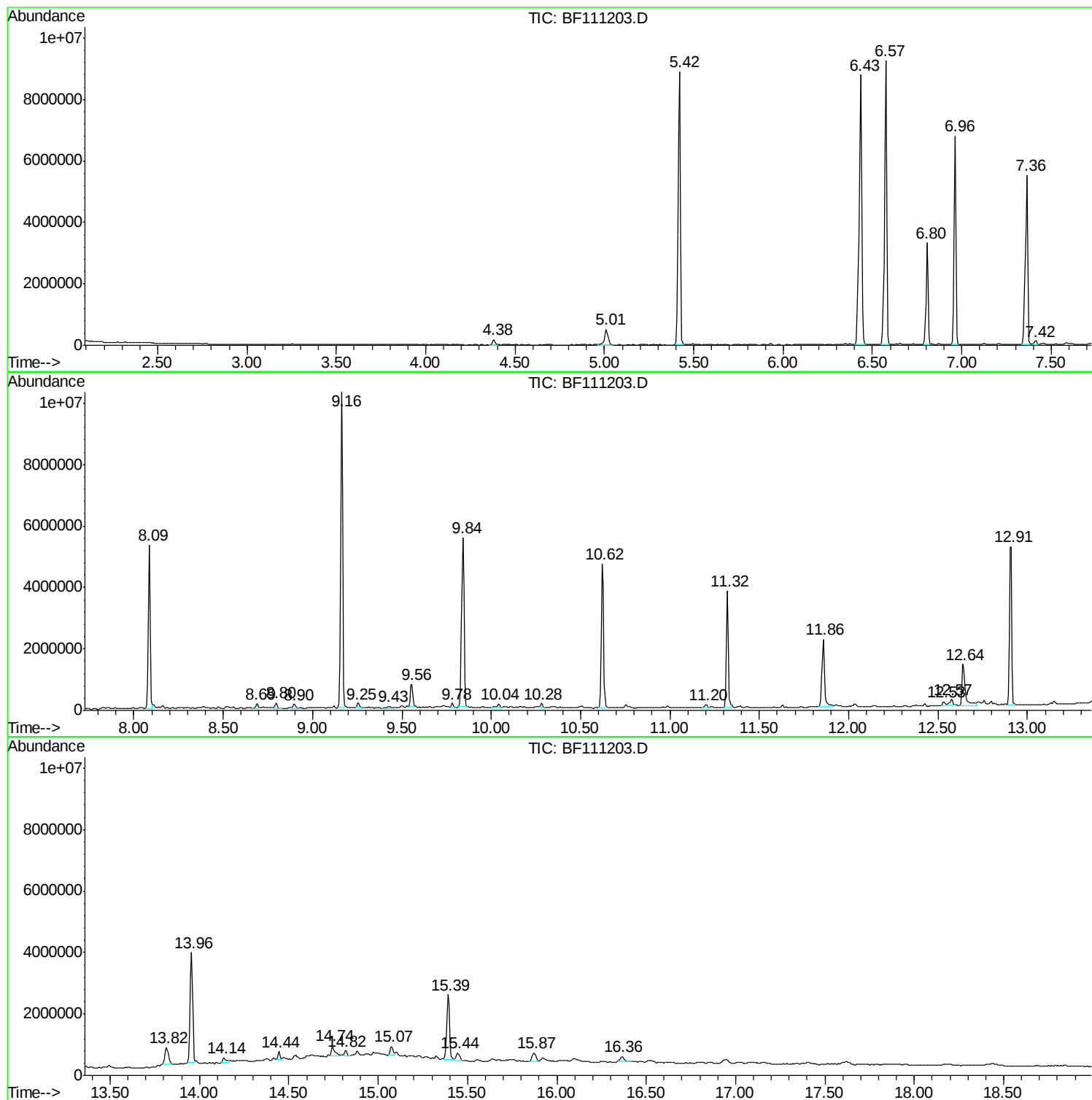
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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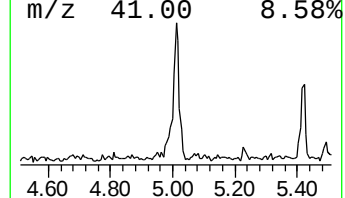
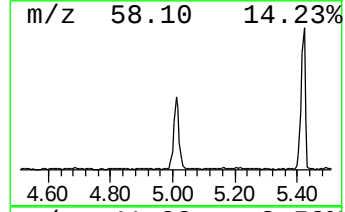
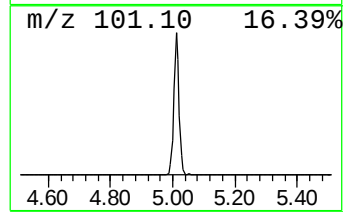
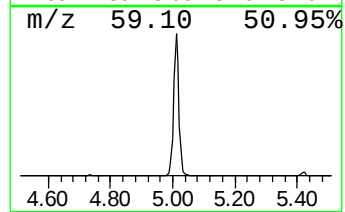
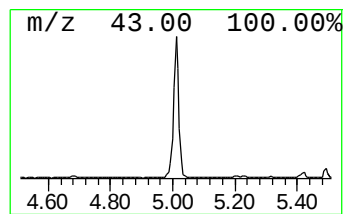
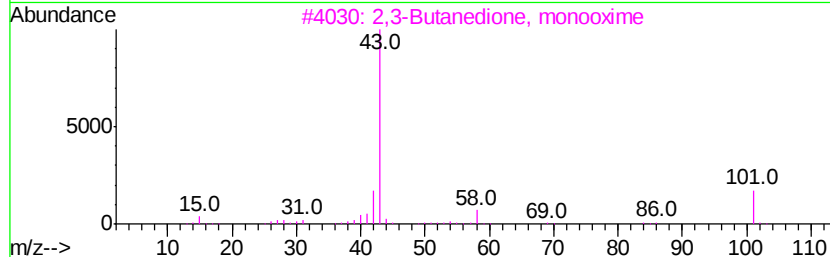
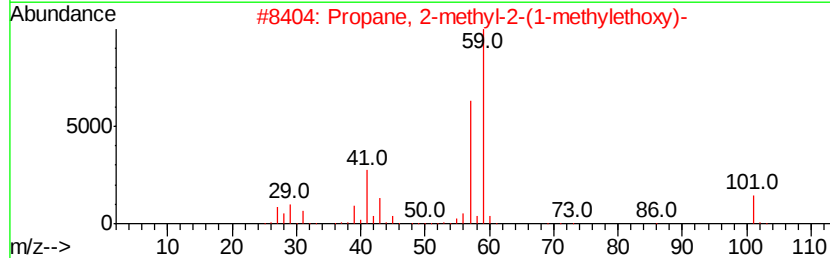
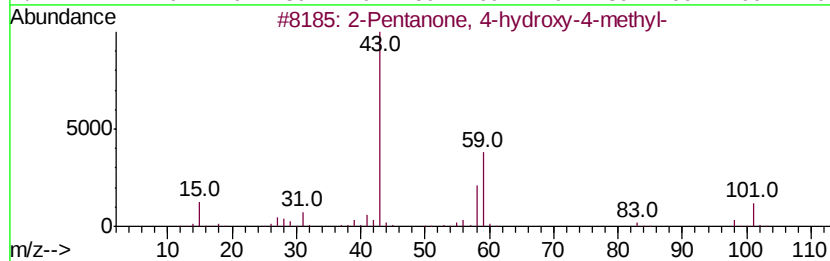
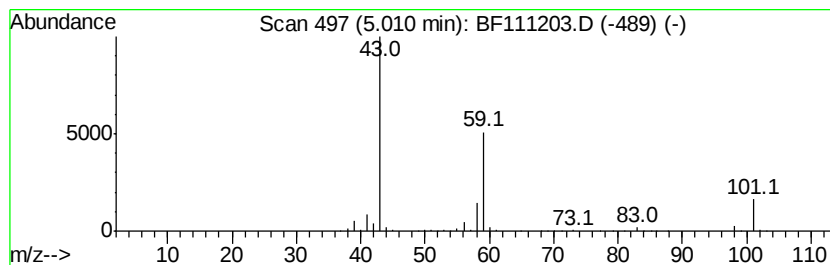
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	5.11 ng	658712	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	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5			t-Butyl nitrite	103	C4H9NO2	000540-80-7	9



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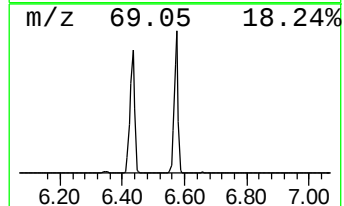
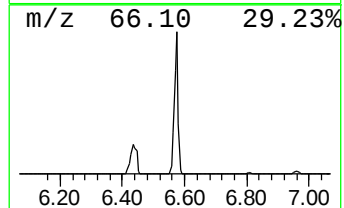
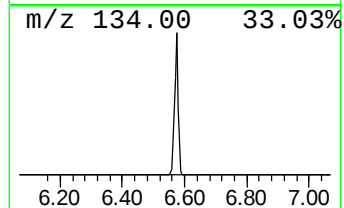
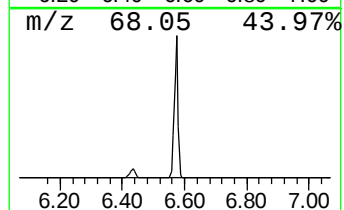
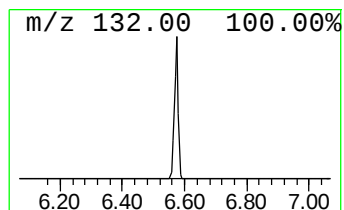
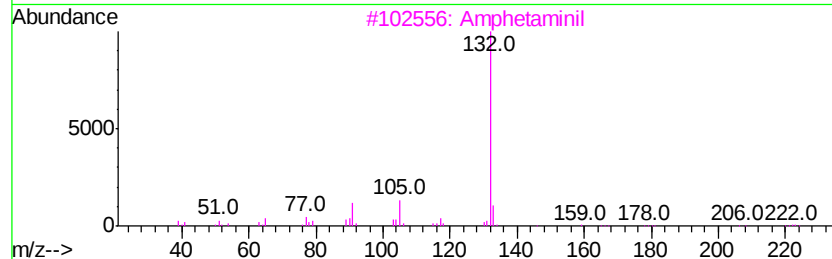
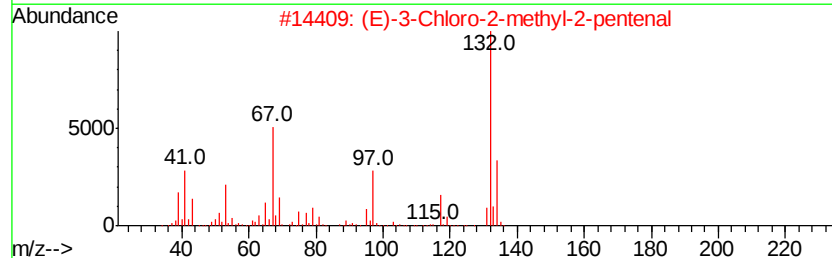
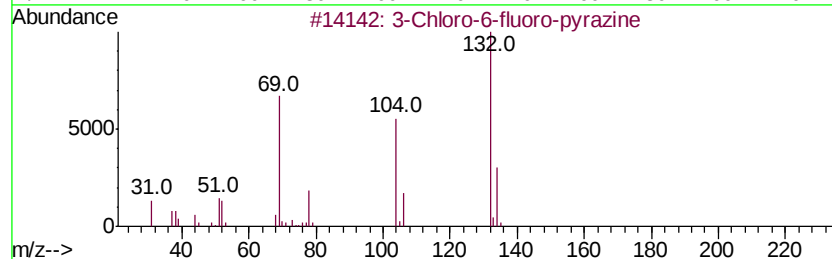
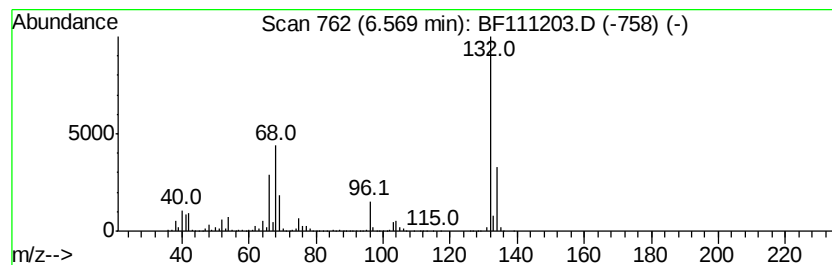
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	63.10 ng	8128120	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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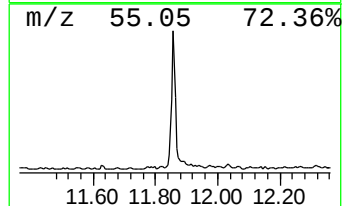
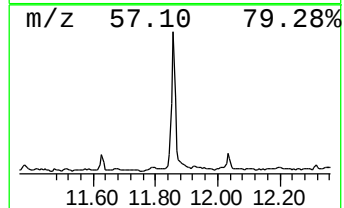
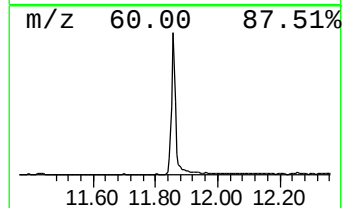
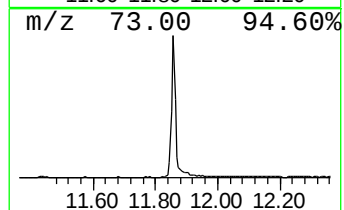
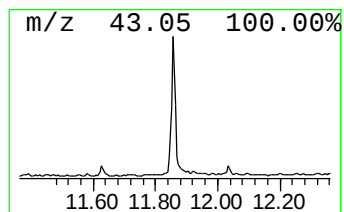
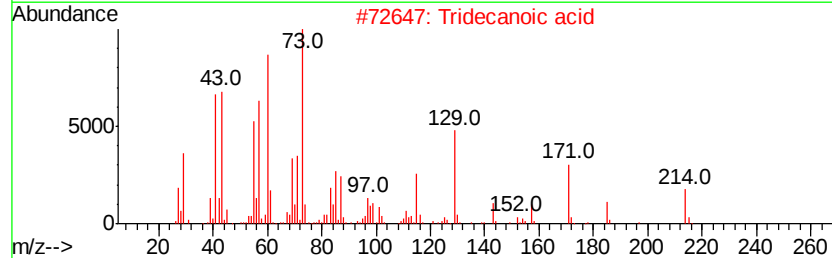
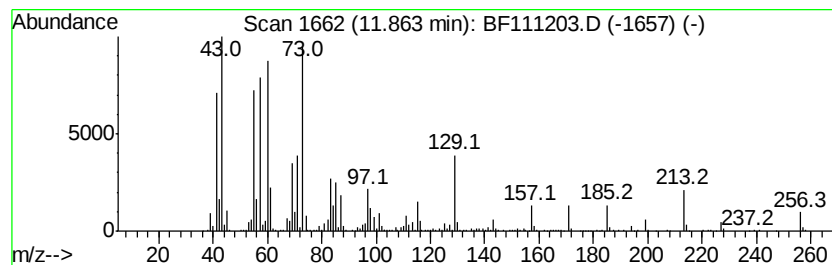
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.35 ng	1945300	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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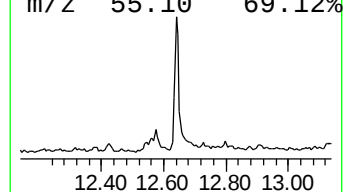
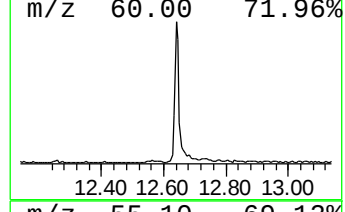
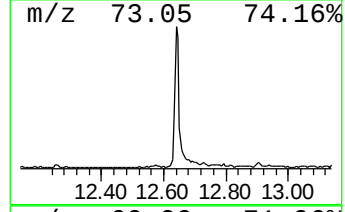
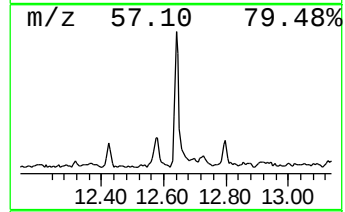
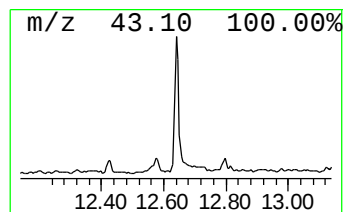
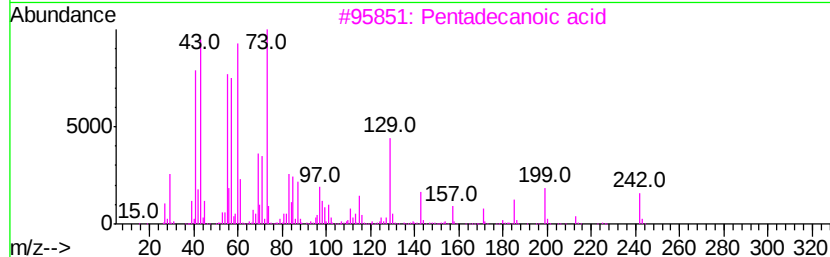
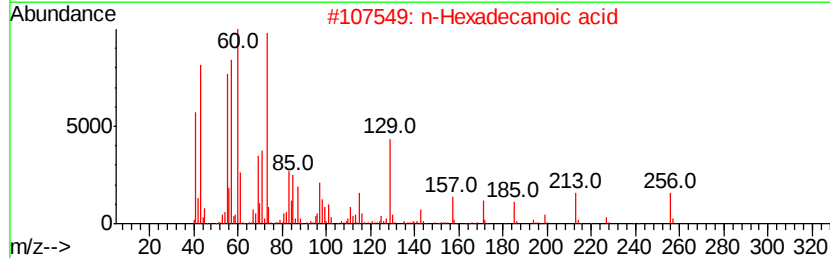
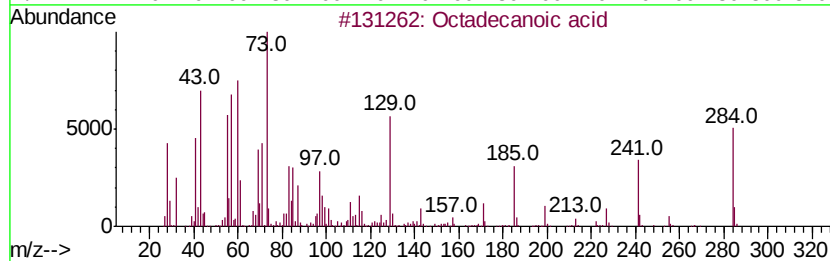
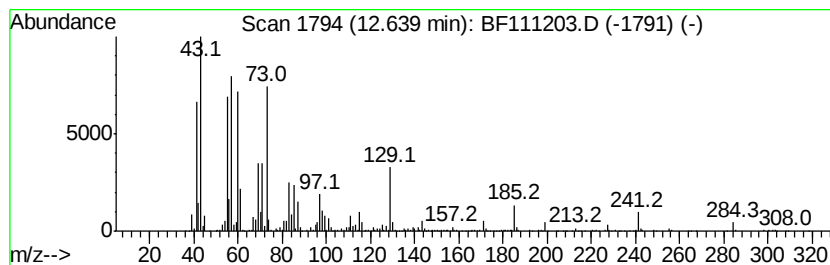
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	10.27 ng	1643060	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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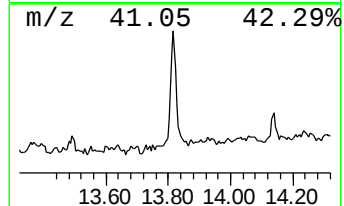
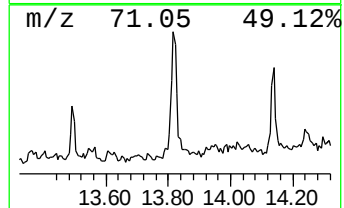
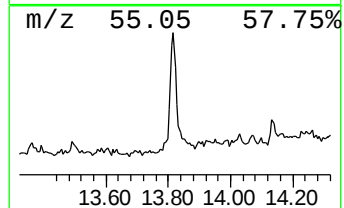
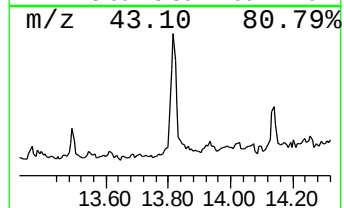
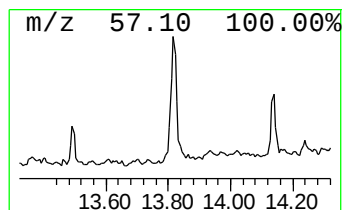
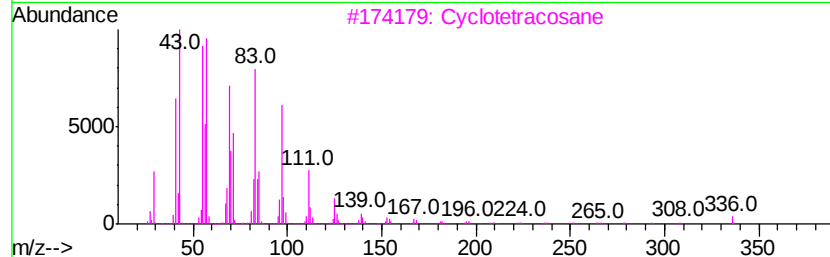
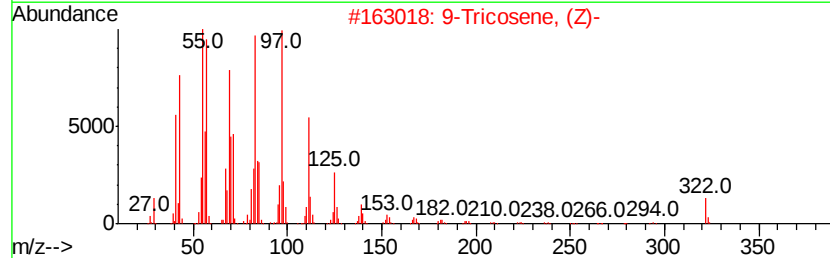
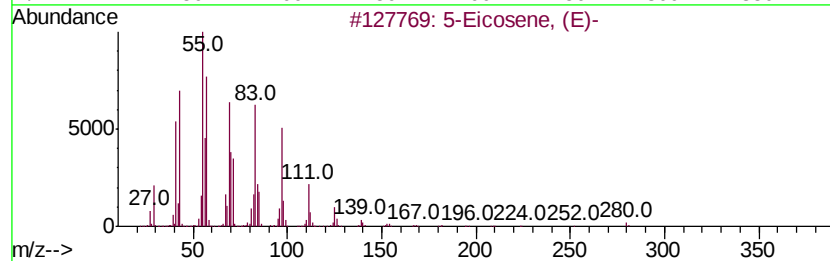
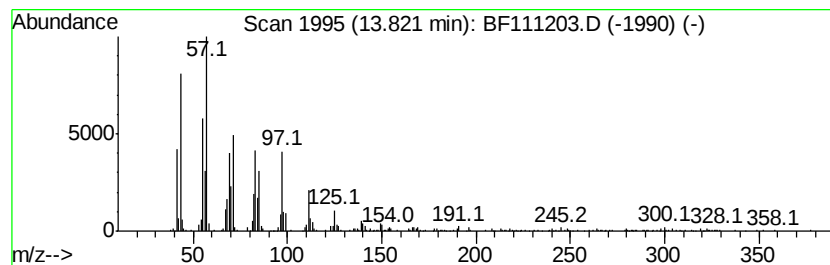
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	4.01 ng	641305	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Cvcclotetracosane	336	C24H48	000297-03-0	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111203.D
Acq On : 7 Dec 2018 22:44
Operator : JU/SJ
Sample : J6224-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

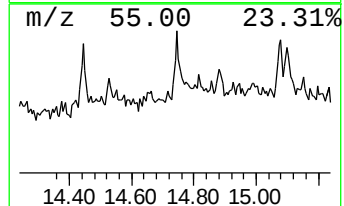
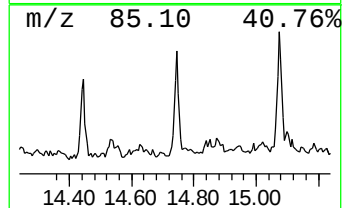
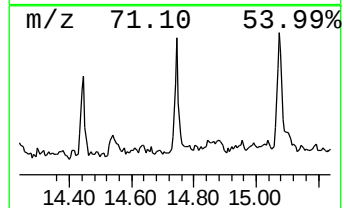
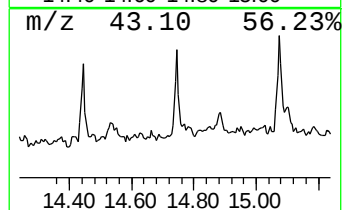
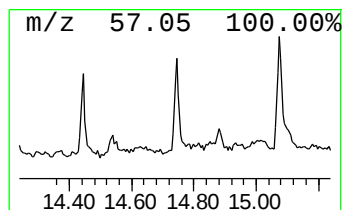
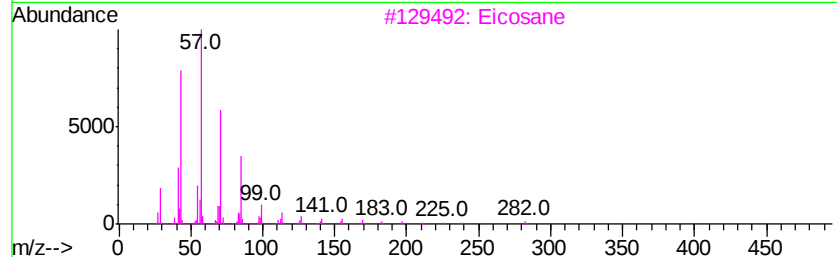
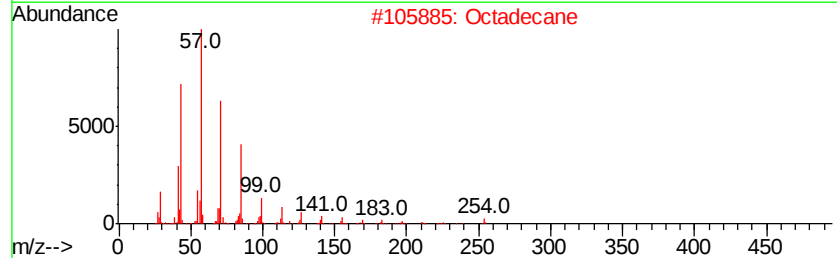
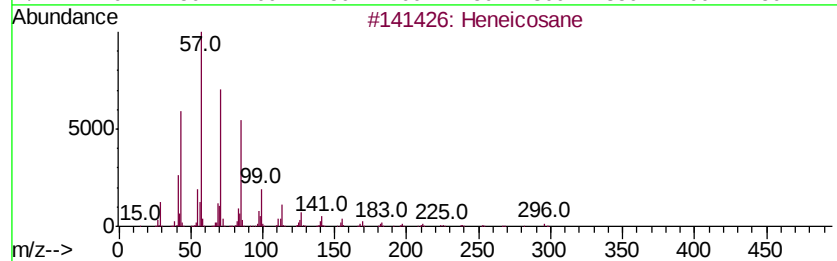
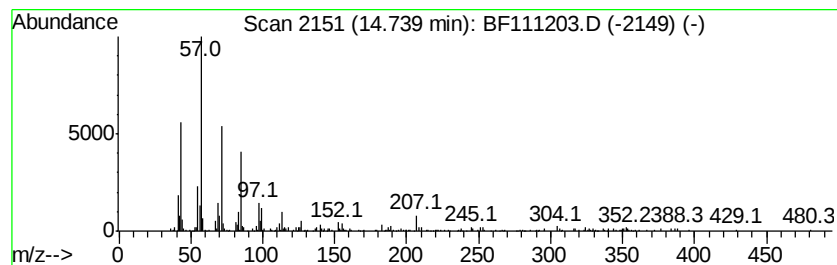
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.60 ng	460328	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octadecane	254	C18H38	000593-45-3	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111203.D
Acq On : 7 Dec 2018 22:44
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Sample : J6224-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

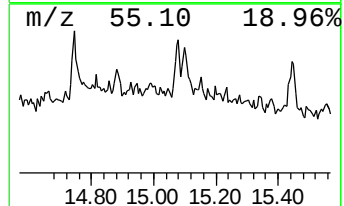
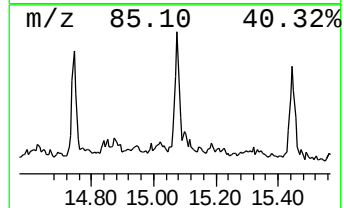
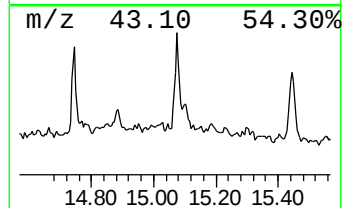
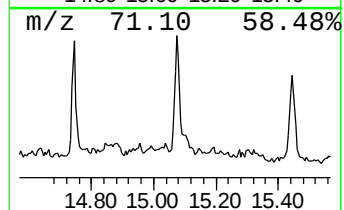
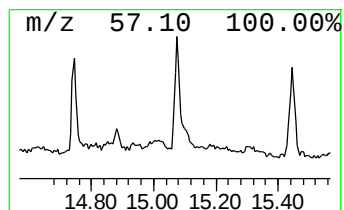
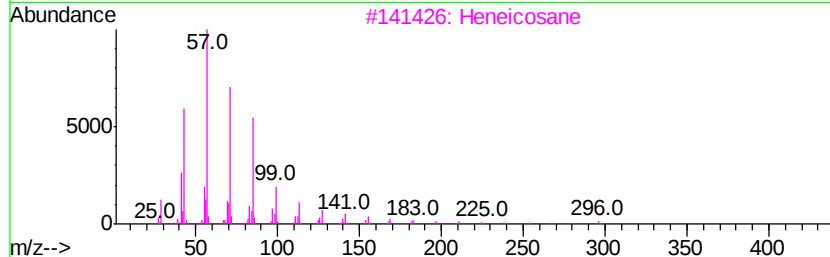
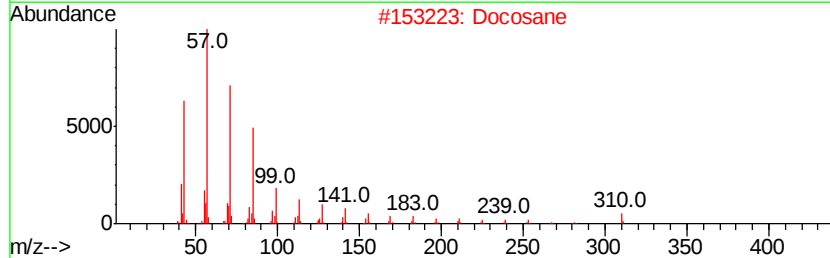
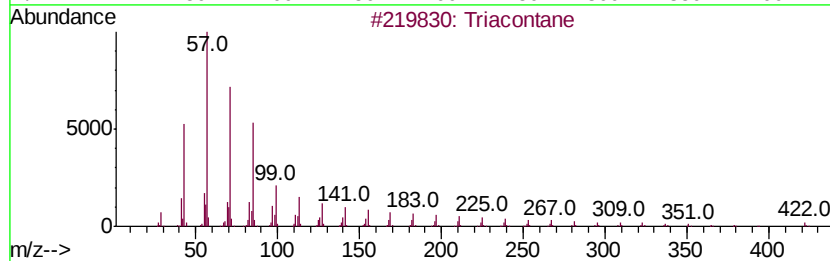
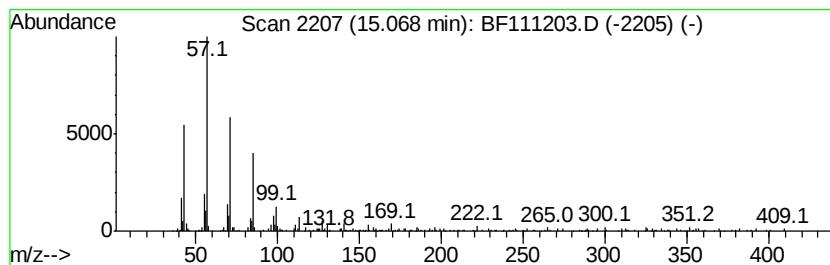
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.65 ng	338885	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Docosane	310	C22H46	000629-97-0	86
3		Heneicosane	296	C21H44	000629-94-7	81
4		Heptadecane	240	C17H36	000629-78-7	80
5		2-methyloctacosane	408	C29H60	1000376-72-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111203.D
Acq On : 7 Dec 2018 22:44
Operator : JU/SJ
Sample : J6224-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

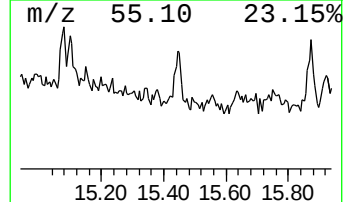
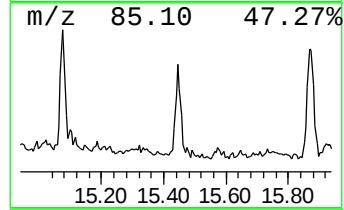
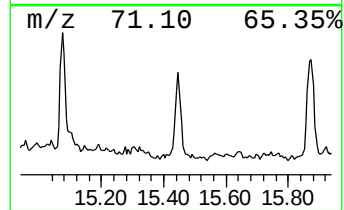
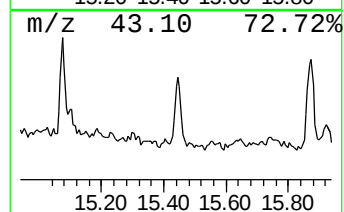
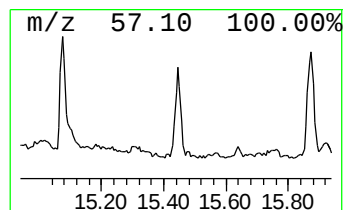
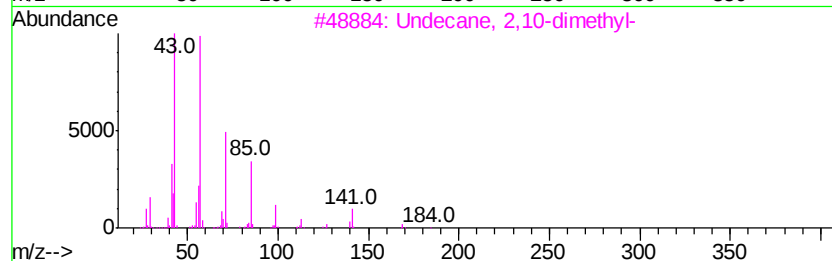
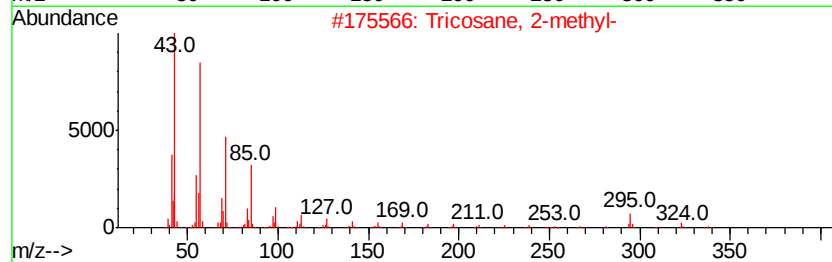
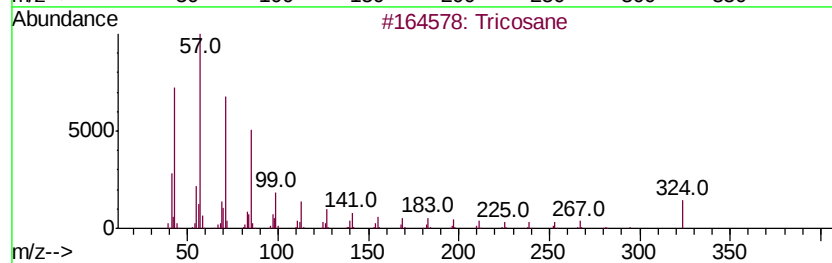
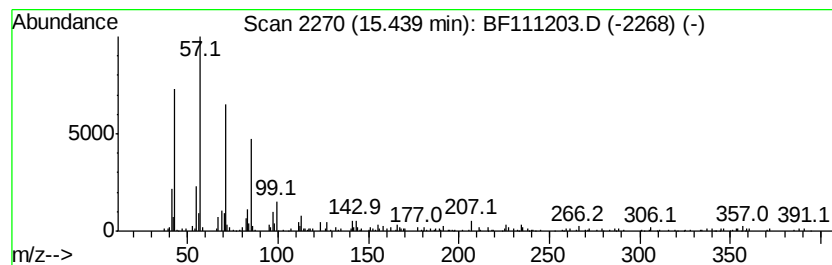
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.50 ng	319781	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tricosane	324 C23H48	000638-67-5	94
2	Tricosane, 2-methyl-	338 C24H50	001928-30-9	90
3	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	86
4	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	86
5	Pentadecane, 8,8-diheptyl-	408 C29H60	055268-72-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111203.D
Acq On : 7 Dec 2018 22:44
Operator : JU/SJ
Sample : J6224-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-1

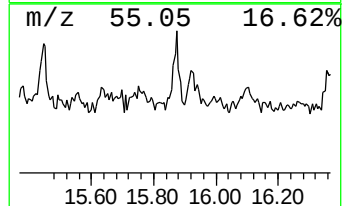
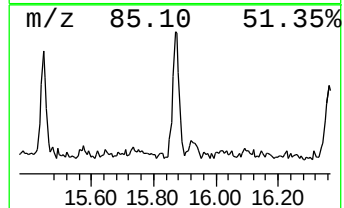
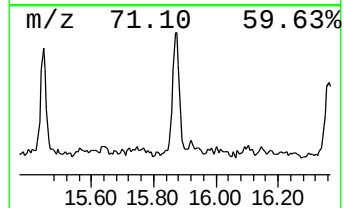
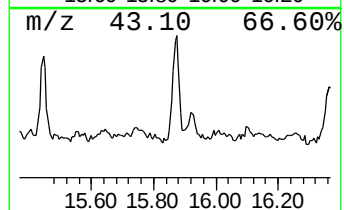
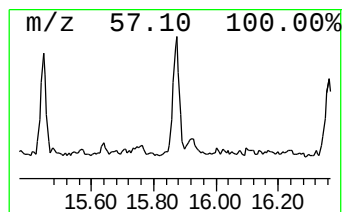
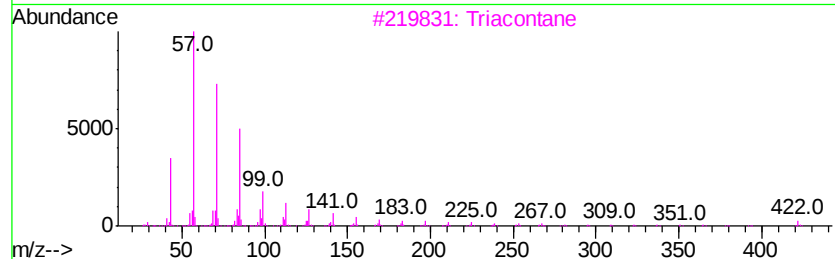
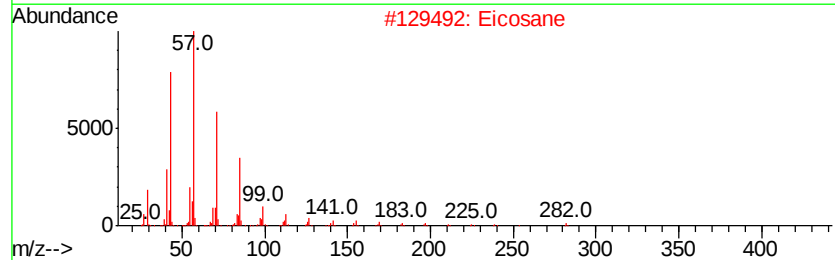
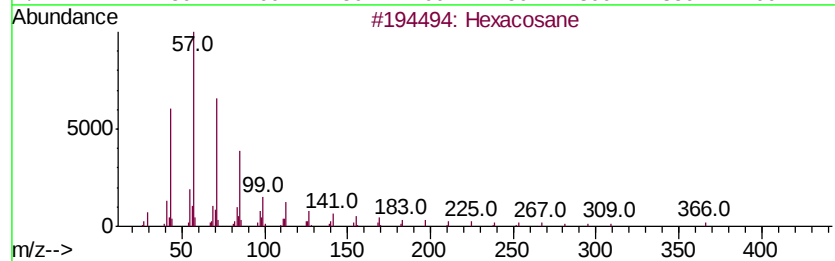
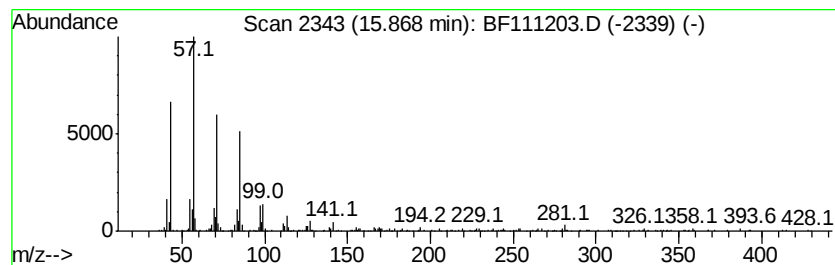
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.42 ng	437800	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Triacontane	422	C30H62	000638-68-6	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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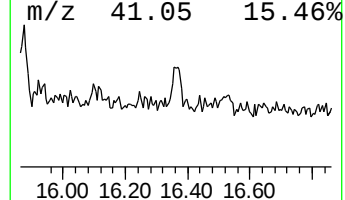
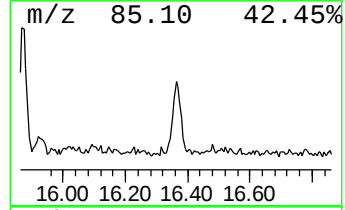
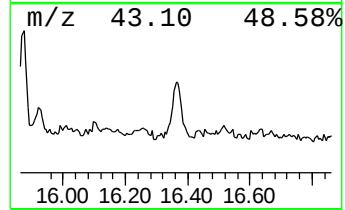
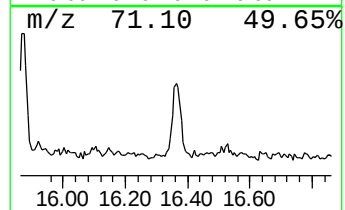
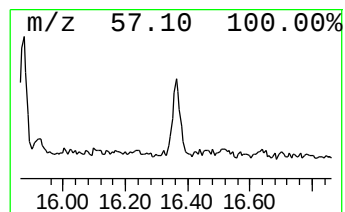
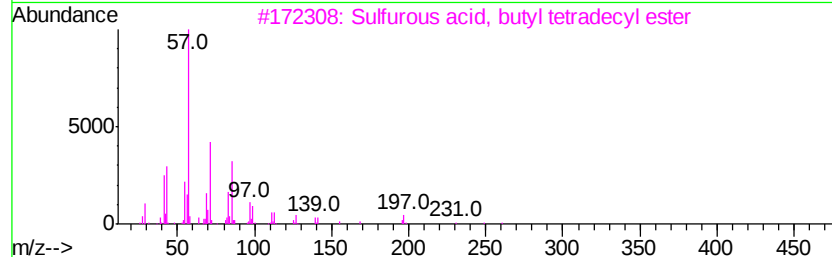
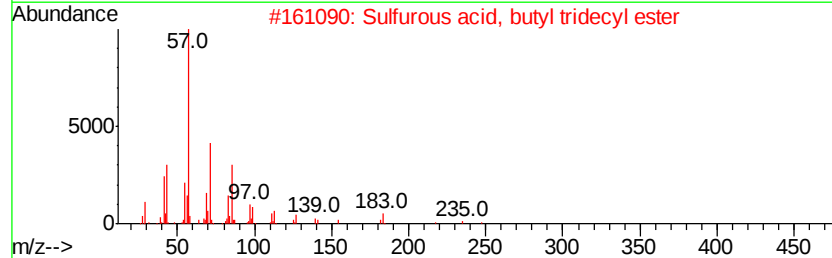
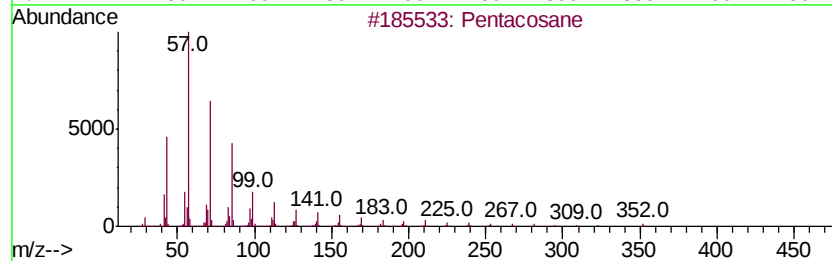
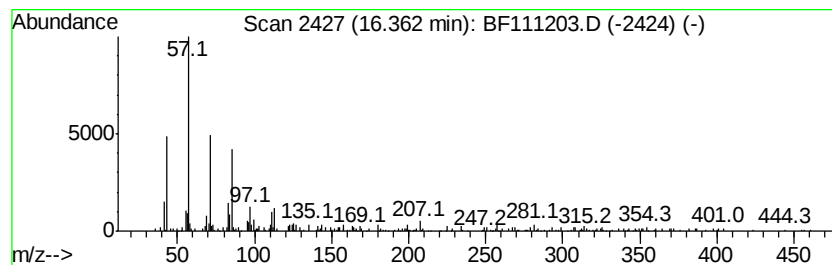
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.24 ng	286654	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	87
2	Sulfurous acid, butyl tridecyl e...	320 C17H36O3S	1000309-18-0	86
3	Sulfurous acid, butyl tetradecyl...	334 C18H38O3S	1000309-18-1	78
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	59
5	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111203.D
Acq On : 7 Dec 2018 22:44
Operator : JU/SJ
Sample : J6224-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	5.1 ng		658712	1	6.80	2576380	20.0
unknown6.57	6.57	63.1 ng		8128120	1	6.80	2576380	20.0
n-Hexadecanoic acid	11.86	12.4 ng		1945300	4	11.32	3151510	20.0
Octadecanoic acid	12.64	10.3 ng		1643060	5	13.96	3200180	20.0
5-Eicosene, (E)-	13.82	4.0 ng		641305	5	13.96	3200180	20.0
Heneicosane	14.74	3.6 ng		460328	6	15.39	2560400	20.0
Triacontane	15.07	2.6 ng		338885	6	15.39	2560400	20.0
Tricosane	15.44	2.5 ng		319781	6	15.39	2560400	20.0
Hexacosane	15.87	3.4 ng		437800	6	15.39	2560400	20.0
Pentacosane	16.36	2.2 ng		286654	6	15.39	2560400	20.0