

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110795.D
 Acq On : 15 Nov 2018 18:22
 Operator : JU/SJ
 Sample : J5950-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSI-01

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-BF110818.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	2.210	16	21	30	rVB	68857	96812	6.60%	0.743%
2	5.169	521	524	536	rBV	34646	50418	3.44%	0.387%
3	5.557	586	590	613	rBV	1207522	1279644	87.23%	9.825%
4	6.563	757	761	782	rBV	1337158	1361963	92.84%	10.457%
5	6.710	782	786	789	rBV	1423796	1371788	93.51%	10.532%
6	6.940	821	825	832	rBV	386502	356812	24.32%	2.739%
7	7.092	847	851	867	rBV	1188384	1034282	70.51%	7.941%
8	7.504	917	921	932	rBV	856138	843823	57.52%	6.478%
9	8.222	1039	1043	1057	rBV	467007	463002	31.56%	3.555%
10	9.292	1222	1225	1240	rBV	1641740	1466950	100.00%	11.263%
11	9.686	1289	1292	1299	rBV	139512	145731	9.93%	1.119%
12	9.981	1338	1342	1355	rVB	574062	519562	35.42%	3.989%
13	10.386	1409	1411	1416	rVB	23871	19316	1.32%	0.148%
14	10.775	1473	1477	1489	rBV	938372	903368	61.58%	6.936%
15	10.863	1489	1492	1502	rVB	24759	28548	1.95%	0.219%
16	11.139	1535	1539	1544	rVB	17870	18241	1.24%	0.140%
17	11.475	1593	1596	1608	rBV	500678	480228	32.74%	3.687%
18	11.980	1678	1682	1686	rBV	54405	59030	4.02%	0.453%
19	12.498	1766	1770	1774	rBV	27753	33077	2.25%	0.254%
20	12.763	1813	1815	1825	rBV	11468	17268	1.18%	0.133%
21	13.057	1861	1865	1868	rBV	1361259	1164873	79.41%	8.943%
22	13.933	2010	2014	2021	rBV	65201	74394	5.07%	0.571%
23	14.127	2043	2047	2056	rBV	451614	433862	29.58%	3.331%
24	14.251	2062	2068	2070	rBV	17437	19231	1.31%	0.148%
25	14.557	2116	2120	2125	rBV	31055	40178	2.74%	0.308%
26	14.868	2169	2173	2177	rBV	41823	44406	3.03%	0.341%
27	15.221	2228	2233	2241	rVB2	49023	68629	4.68%	0.527%
28	15.615	2294	2300	2302	rBV	51209	69180	4.72%	0.531%
29	15.657	2302	2307	2315	rVB	266906	389684	26.56%	2.992%
30	16.068	2371	2377	2382	rBV	52855	78051	5.32%	0.599%
31	16.598	2461	2467	2474	rVB3	32276	60437	4.12%	0.464%
32	17.209	2567	2571	2580	rVB5	12827	32216	2.20%	0.247%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

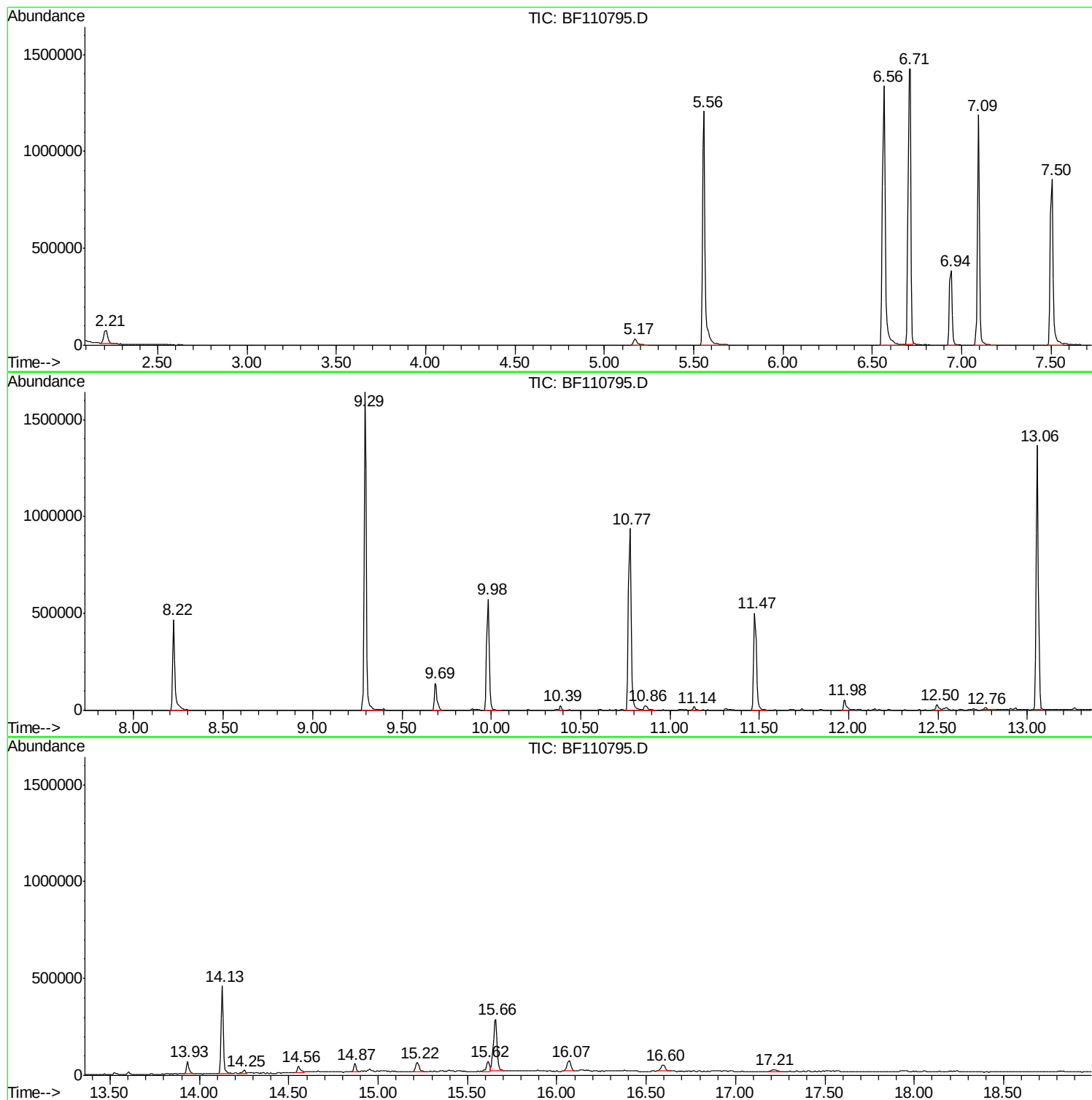
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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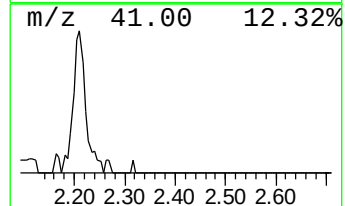
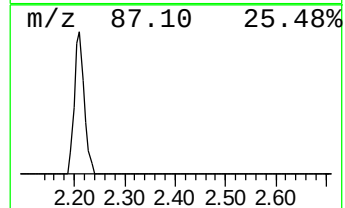
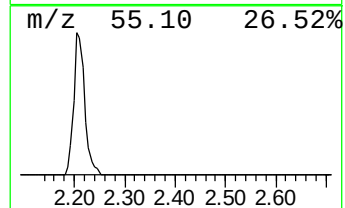
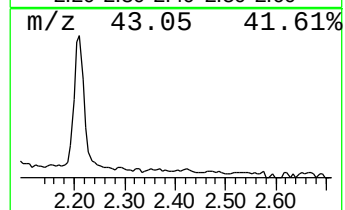
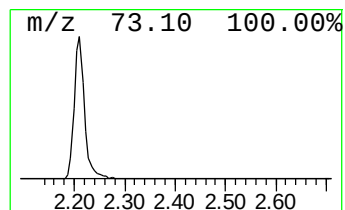
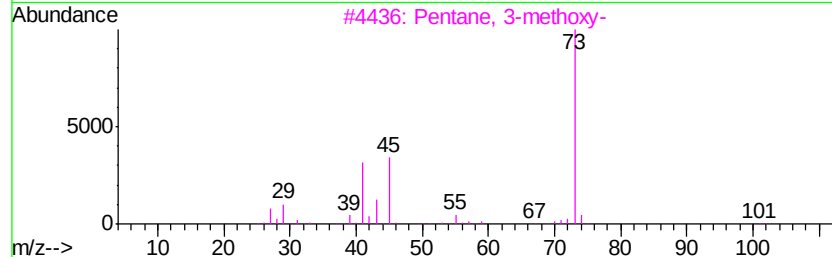
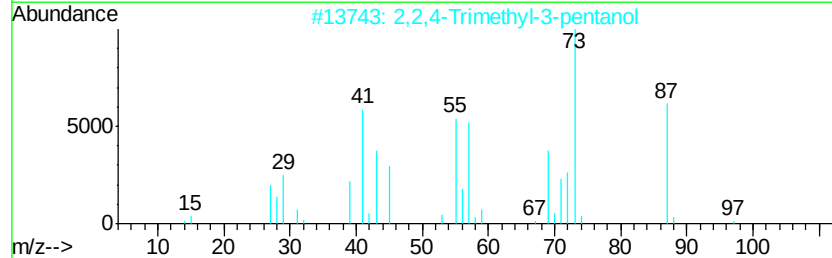
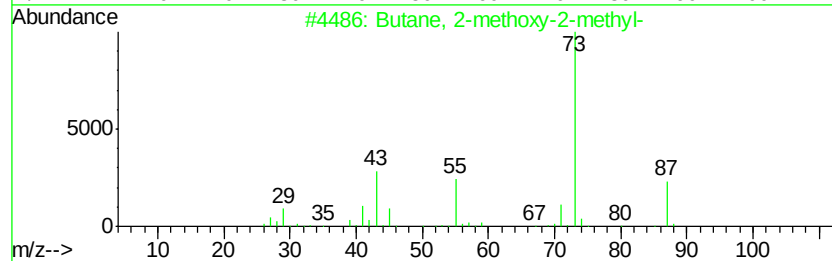
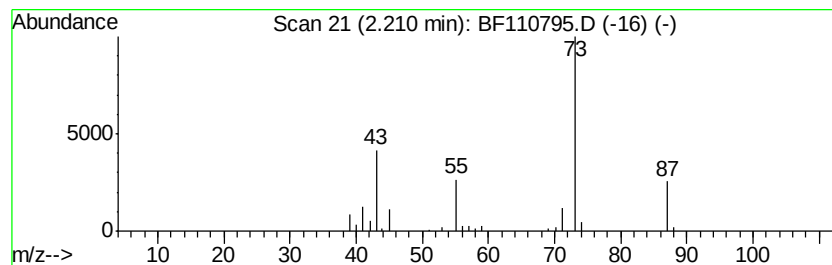
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	5.43 ng	96812	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	10
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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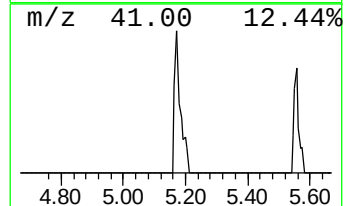
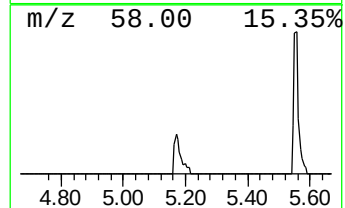
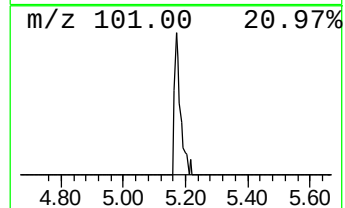
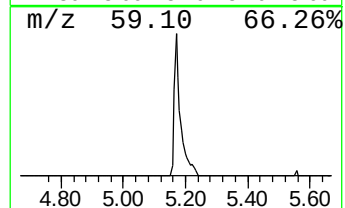
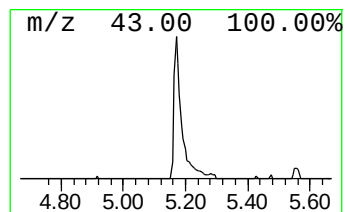
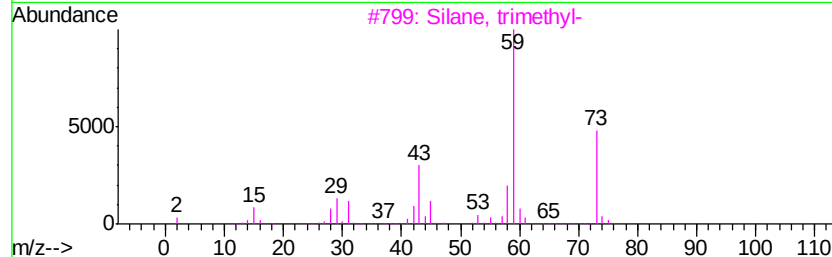
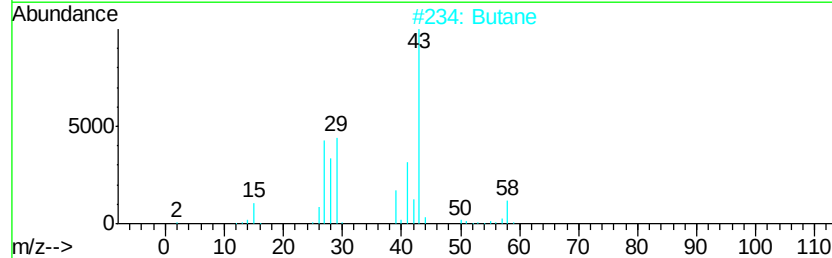
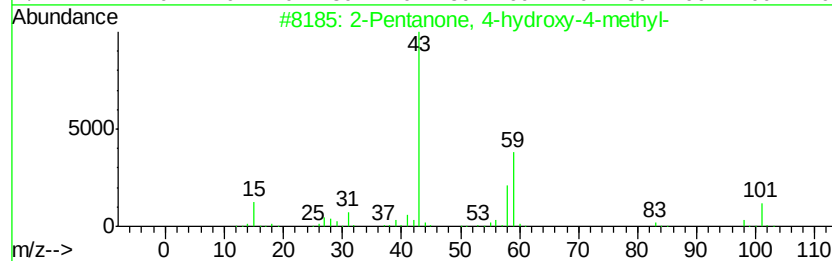
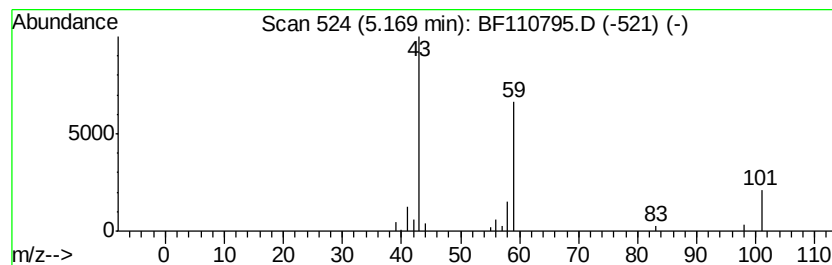
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.83 ng	50418	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Butane	58	C4H10	000106-97-8	9
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		Guanidine	59	CH5N3	000113-00-8	7



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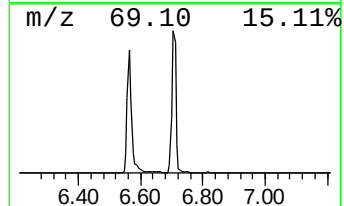
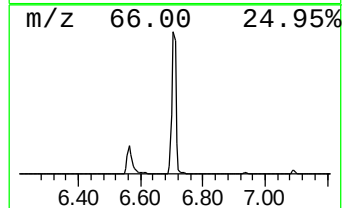
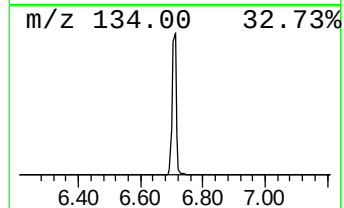
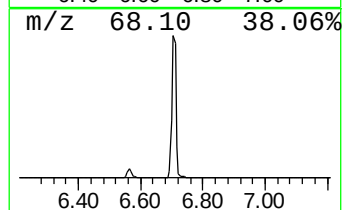
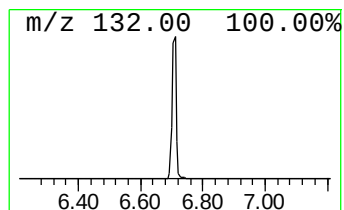
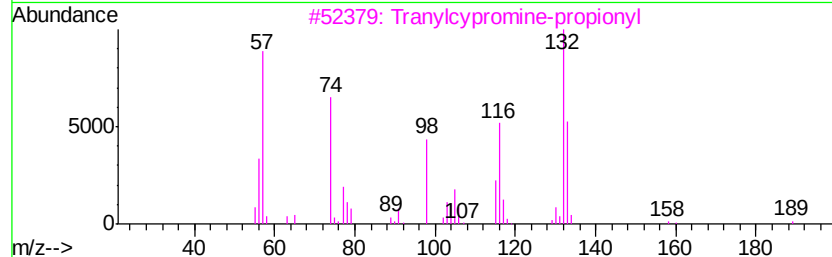
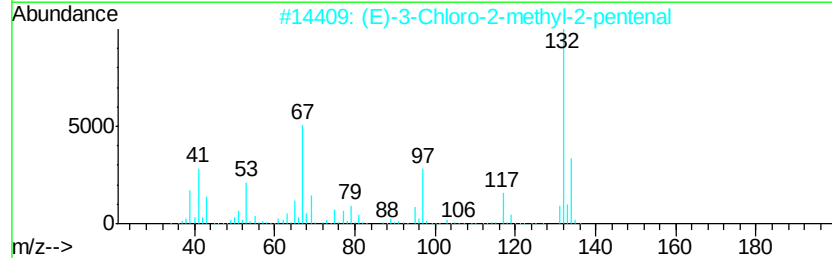
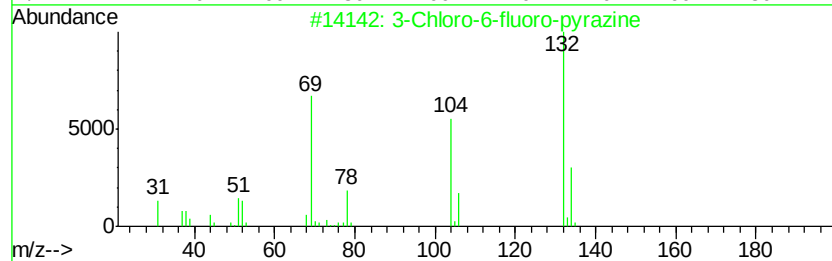
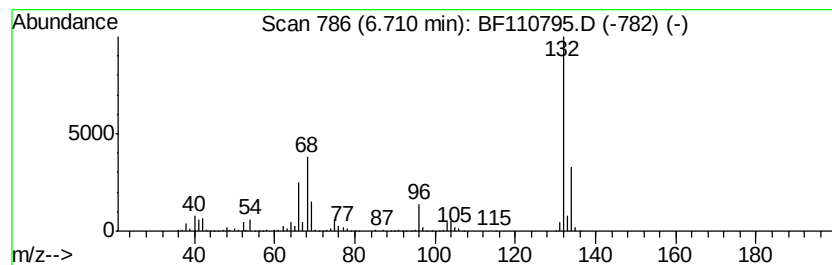
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	76.89 ng	1371790	1,4-Dichlorobenzene-d4	6.94

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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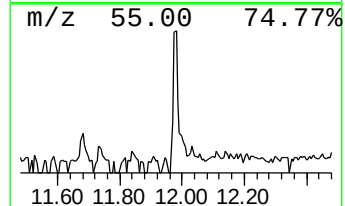
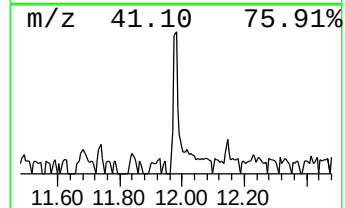
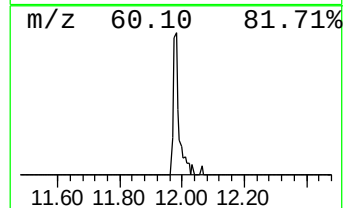
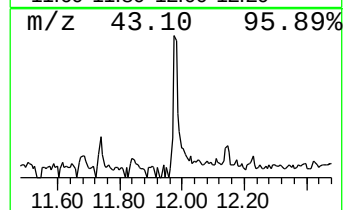
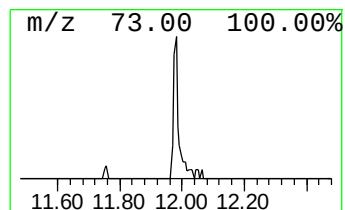
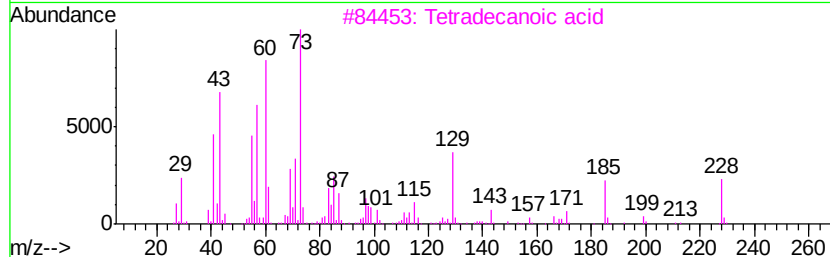
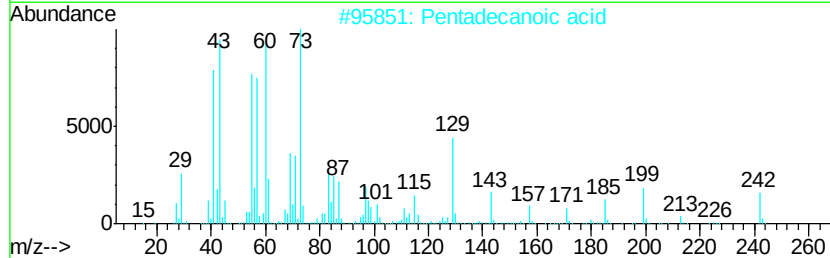
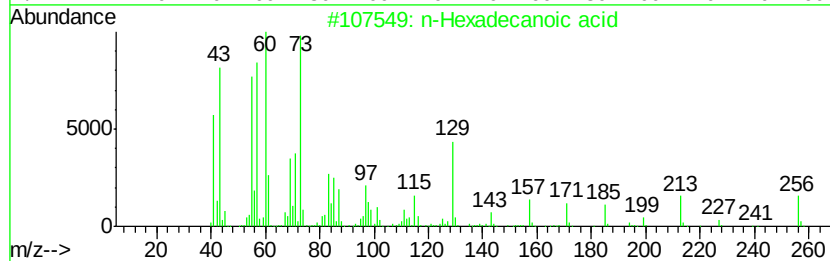
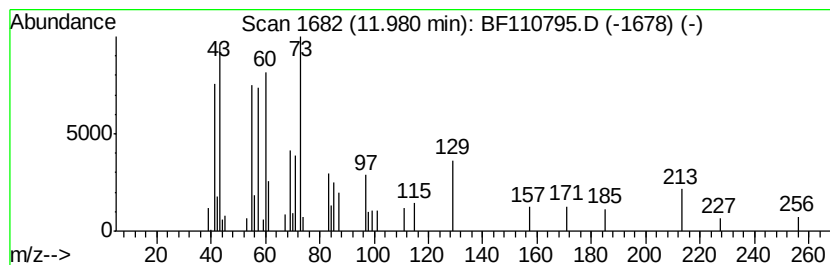
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.46 ng	59030	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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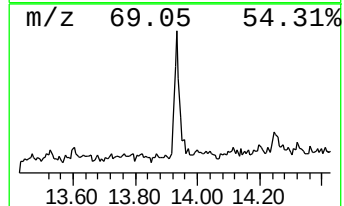
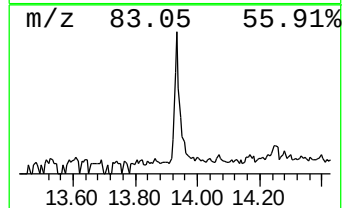
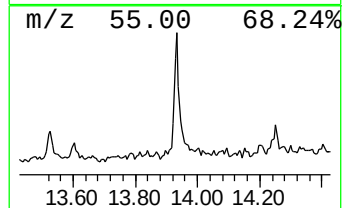
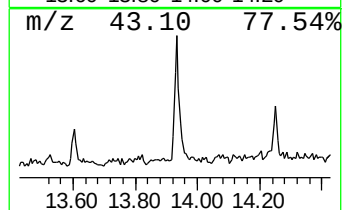
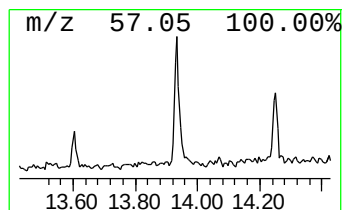
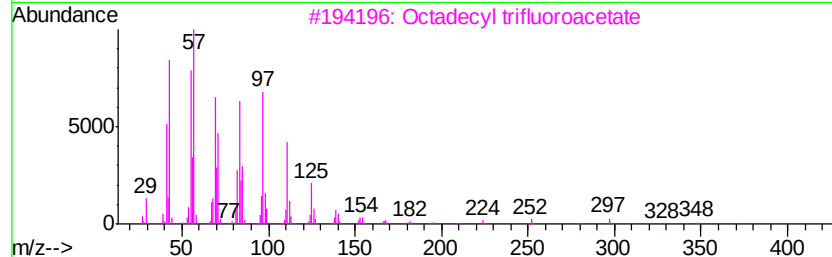
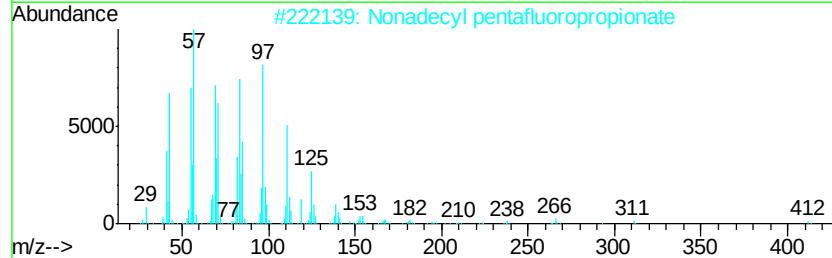
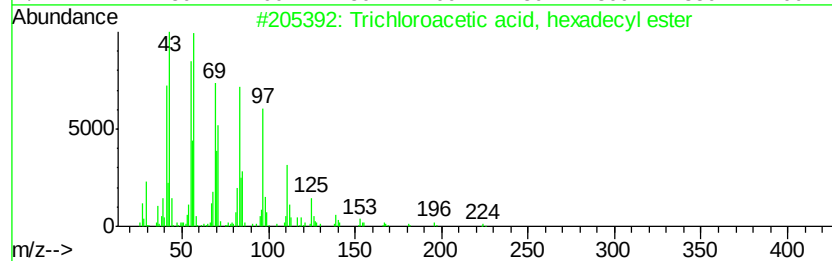
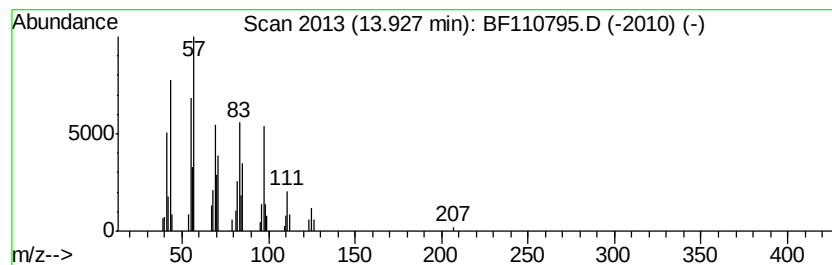
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trichloroacetic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.43 ng	74394	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91



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ClientSampleId :
SSI-01

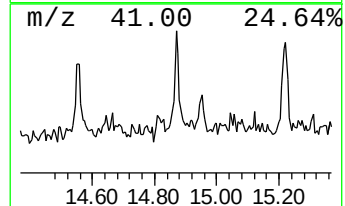
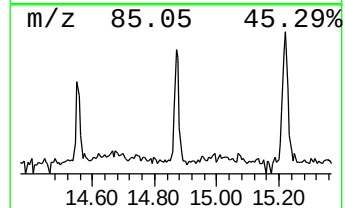
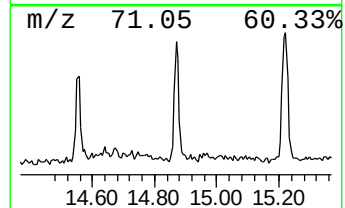
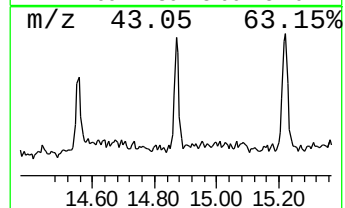
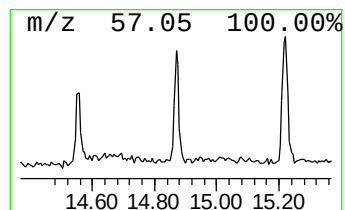
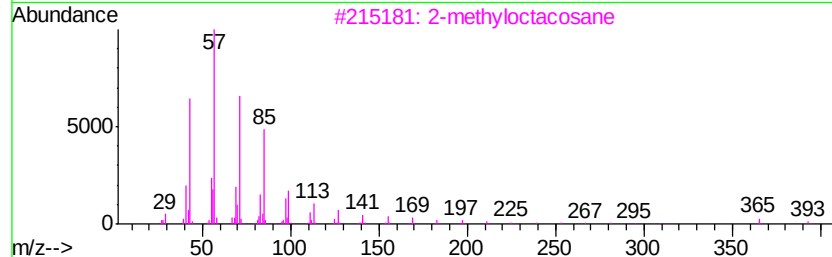
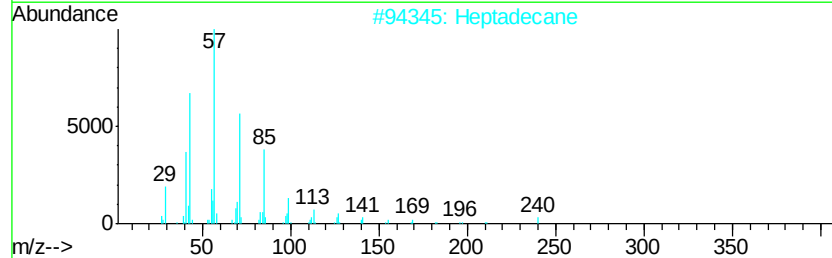
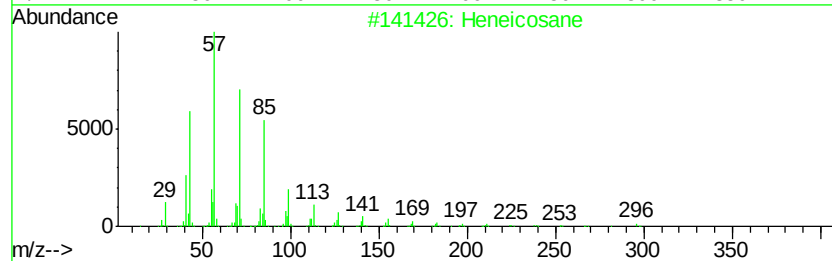
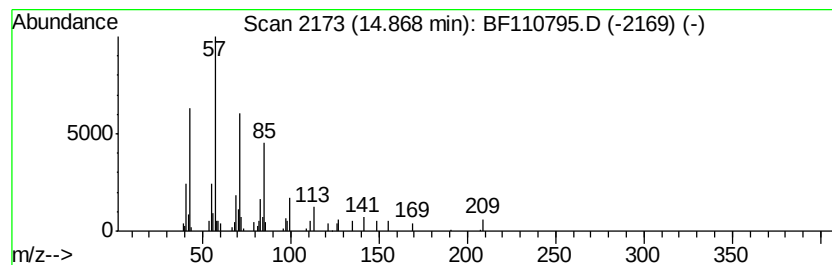
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.05 ng	44406	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Heptadecane	240	C17H36	000629-78-7	86
3		2-methyloctacosane	408	C29H60	1000376-72-8	86
4		triacontane	422	C30H62	000638-68-6	86
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
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 Acq On : 15 Nov 2018 18:22
 Operator : JU/SJ
 Sample : J5950-05
 Misc :
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Instrument :
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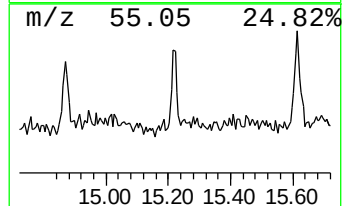
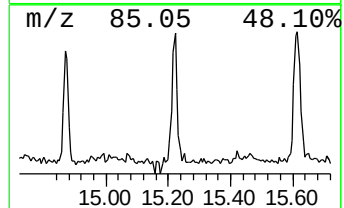
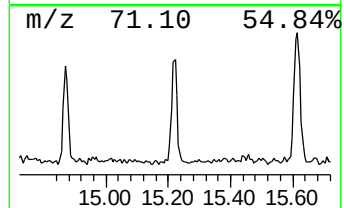
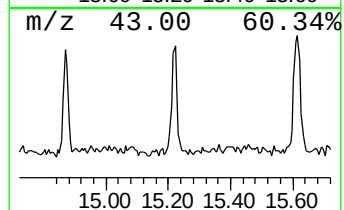
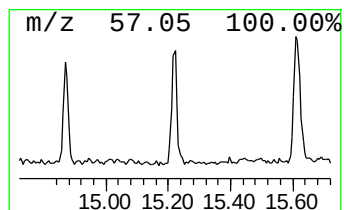
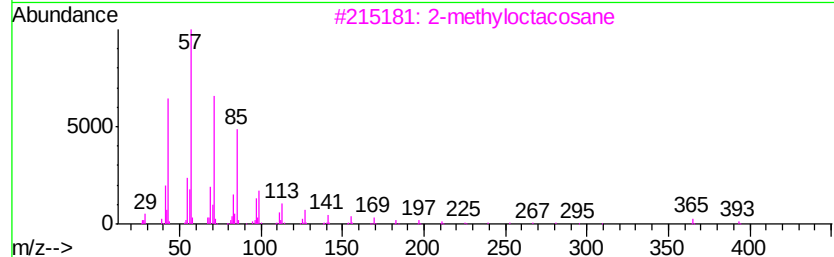
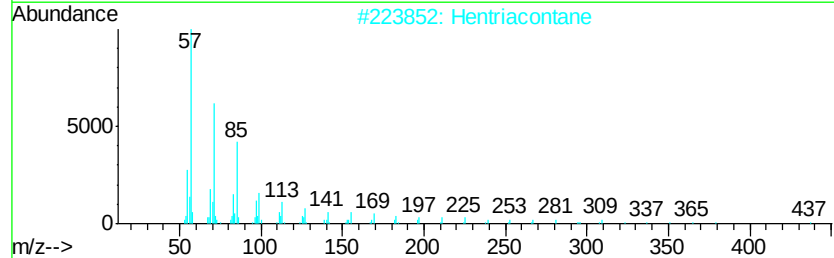
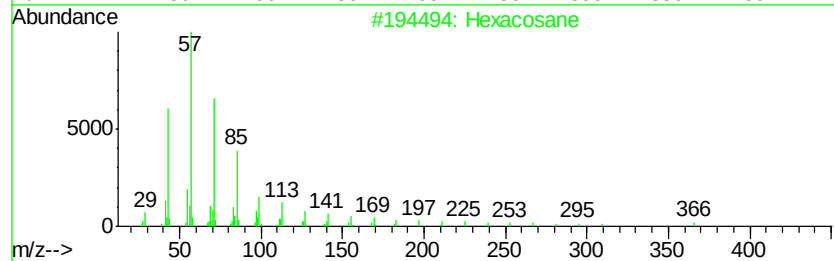
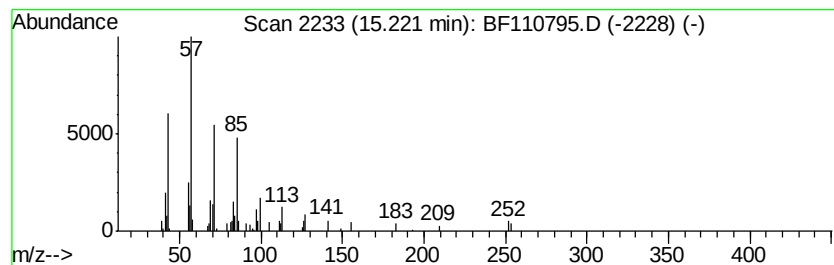
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.52 ng	68629	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	90
2	Hentriacontane		437	C31H64	000630-04-6	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	87
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110795.D
Acq On : 15 Nov 2018 18:22
Operator : JU/SJ
Sample : J5950-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSI-01

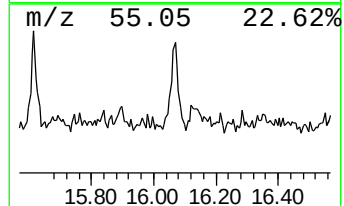
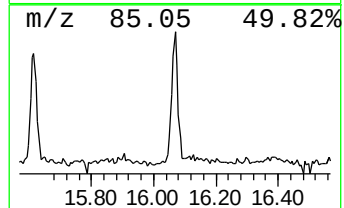
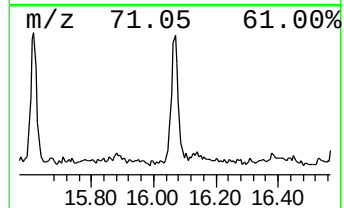
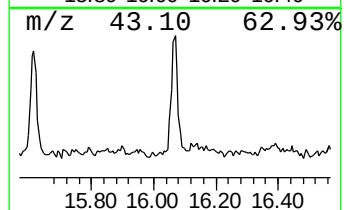
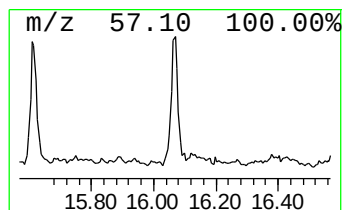
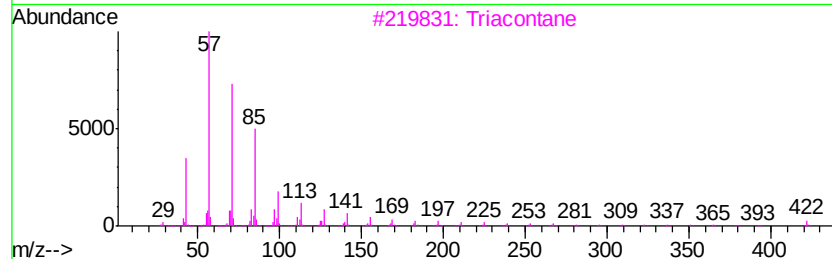
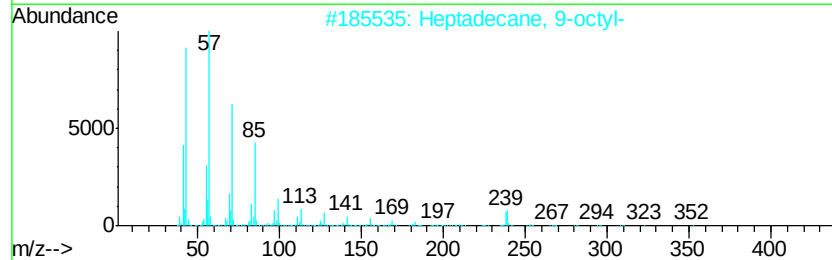
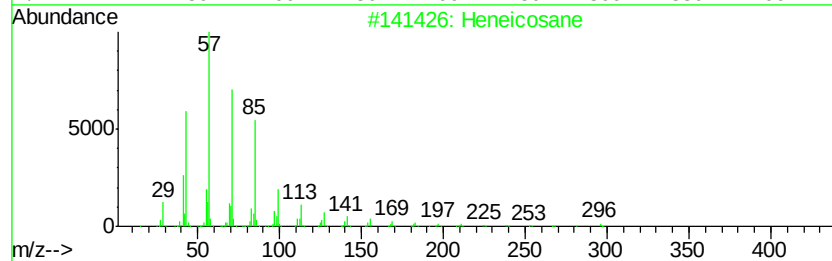
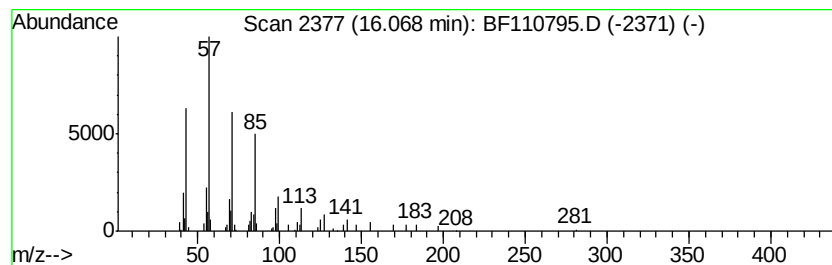
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.01 ng	78051	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110795.D
Acq On : 15 Nov 2018 18:22
Operator : JU/SJ
Sample : J5950-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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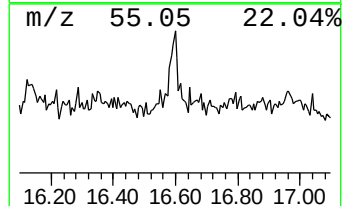
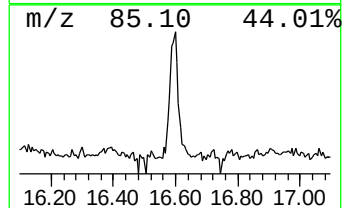
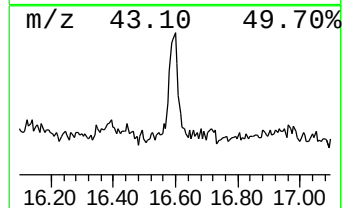
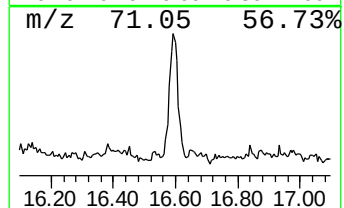
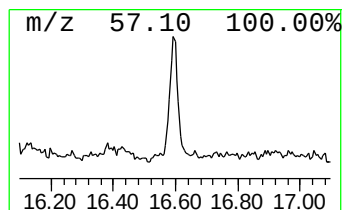
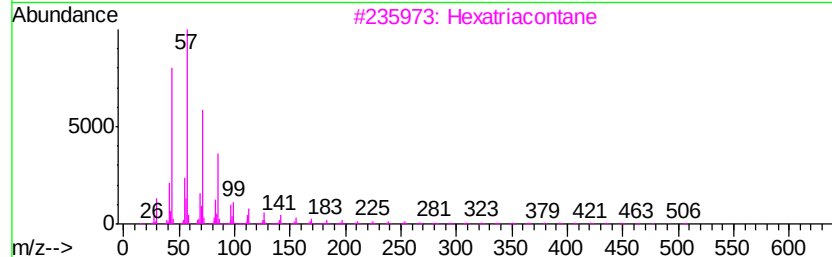
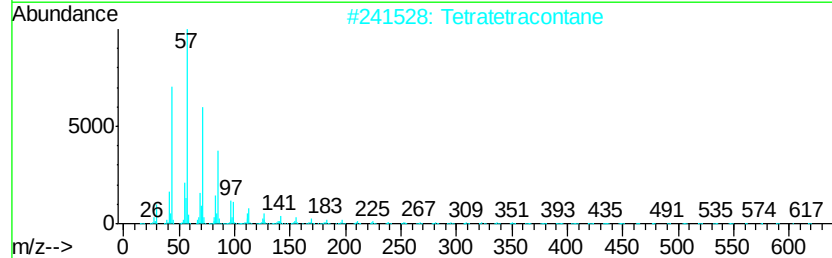
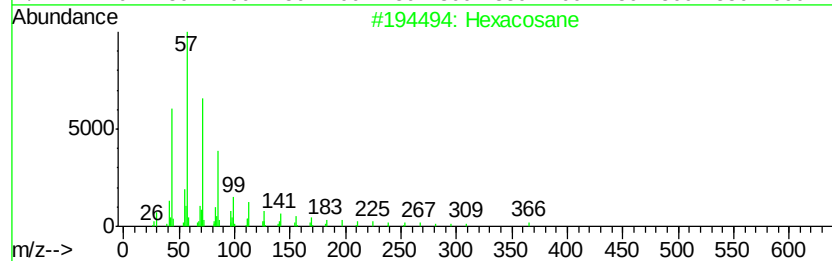
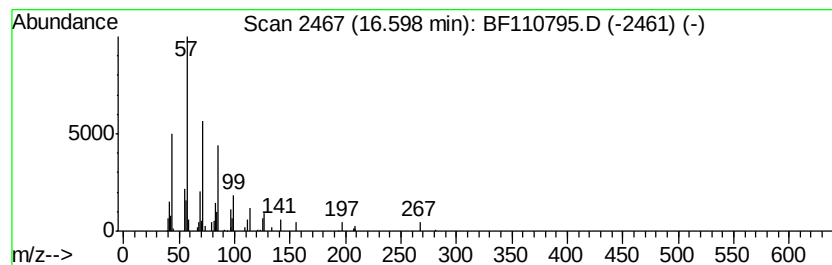
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.10 ng	60437	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110795.D
Acq On : 15 Nov 2018 18:22
Operator : JU/SJ
Sample : J5950-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
Butane, 2-methoxy...	2.21	5.4	ng	96812	1	6.94	356812	20.0
2-Pentanone, 4-hy...	5.17	2.8	ng	50418	1	6.94	356812	20.0
unknown6.71	6.71	76.9	ng	1371790	1	6.94	356812	20.0
n-Hexadecanoic acid	11.98	2.5	ng	59030	4	11.47	480228	20.0
Trichloroacetic a...	13.93	3.4	ng	74394	5	14.13	433862	20.0
Heneicosane	14.87	2.0	ng	44406	5	14.13	433862	20.0
Hexacosane	15.22	3.5	ng	68629	6	15.66	389684	20.0
Heptadecane, 9-oc...	16.07	4.0	ng	78051	6	15.66	389684	20.0
Hexatriacontane	16.60	3.1	ng	60437	6	15.66	389684	20.0