

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111460.D
 Acq On : 15 Dec 2018 11:22
 Operator : JU/SJ
 Sample : J6208-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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	4.998	492	495	502	rVB	138119	163646	1.83%	0.325%
2	5.422	562	567	570	rBV	3432646	3122240	34.85%	6.203%
3	5.628	598	602	606	rBV	118176	102102	1.14%	0.203%
4	6.439	735	740	750	rBV	3504038	3628786	40.50%	7.209%
5	6.569	757	762	765	rBV	3789214	3368496	37.60%	6.692%
6	6.792	796	800	804	rBV	1221427	953161	10.64%	1.894%
7	6.951	823	827	830	rBV	3062058	2503508	27.94%	4.973%
8	7.351	888	895	898	rBV	2281702	2190715	24.45%	4.352%
9	8.075	1014	1018	1021	rBV	1532070	1261043	14.08%	2.505%
10	9.151	1197	1201	1204	rBV	3754766	3078348	34.36%	6.115%
11	9.545	1264	1268	1274	rVB	282414	269903	3.01%	0.536%
12	9.827	1310	1316	1320	rBV2	1526112	1384283	15.45%	2.750%
13	10.039	1347	1352	1364	rBV3	131318	168367	1.88%	0.334%
14	10.616	1446	1450	1454	rBV	1983813	1756429	19.60%	3.489%
15	10.986	1509	1513	1522	rBV2	169927	180949	2.02%	0.359%
16	11.310	1565	1568	1571	rBV	1178915	1178943	13.16%	2.342%
17	11.333	1571	1572	1576	rVV	543217	373652	4.17%	0.742%
18	11.386	1576	1581	1584	rVB	119654	126145	1.41%	0.251%
19	11.545	1602	1608	1615	rBV3	73244	125509	1.40%	0.249%
20	11.874	1651	1664	1671	rBV	5022999	8959250	100.00%	17.798%
21	12.527	1771	1775	1777	rBV	696728	737441	8.23%	1.465%
22	12.557	1778	1780	1788	rVV	537224	848429	9.47%	1.685%
23	12.657	1788	1797	1808	rVV	4487563	6862666	76.60%	13.633%
24	12.751	1808	1813	1816	rVB	635547	684449	7.64%	1.360%
25	12.898	1835	1838	1845	rVB	2189699	1874689	20.92%	3.724%
26	13.762	1981	1985	1988	rBV2	275974	287627	3.21%	0.571%
27	13.804	1989	1992	1998	rVB2	278233	348032	3.88%	0.691%
28	13.951	2012	2017	2020	rBV2	1134819	1422570	15.88%	2.826%
29	13.974	2020	2021	2028	rVB	368813	281711	3.14%	0.560%
30	14.127	2045	2047	2050	rVB	146701	110776	1.24%	0.220%
31	14.980	2188	2192	2199	rVB	318957	603457	6.74%	1.199%
32	15.268	2239	2241	2248	rVB	201391	247710	2.76%	0.492%
33	15.327	2249	2251	2257	rVB	227348	280828	3.13%	0.558%
34	15.392	2258	2262	2266	rBV	635665	852008	9.51%	1.693%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111460.D
Acq On : 15 Dec 2018 11:22
Operator : JU/SJ
Sample : J6208-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

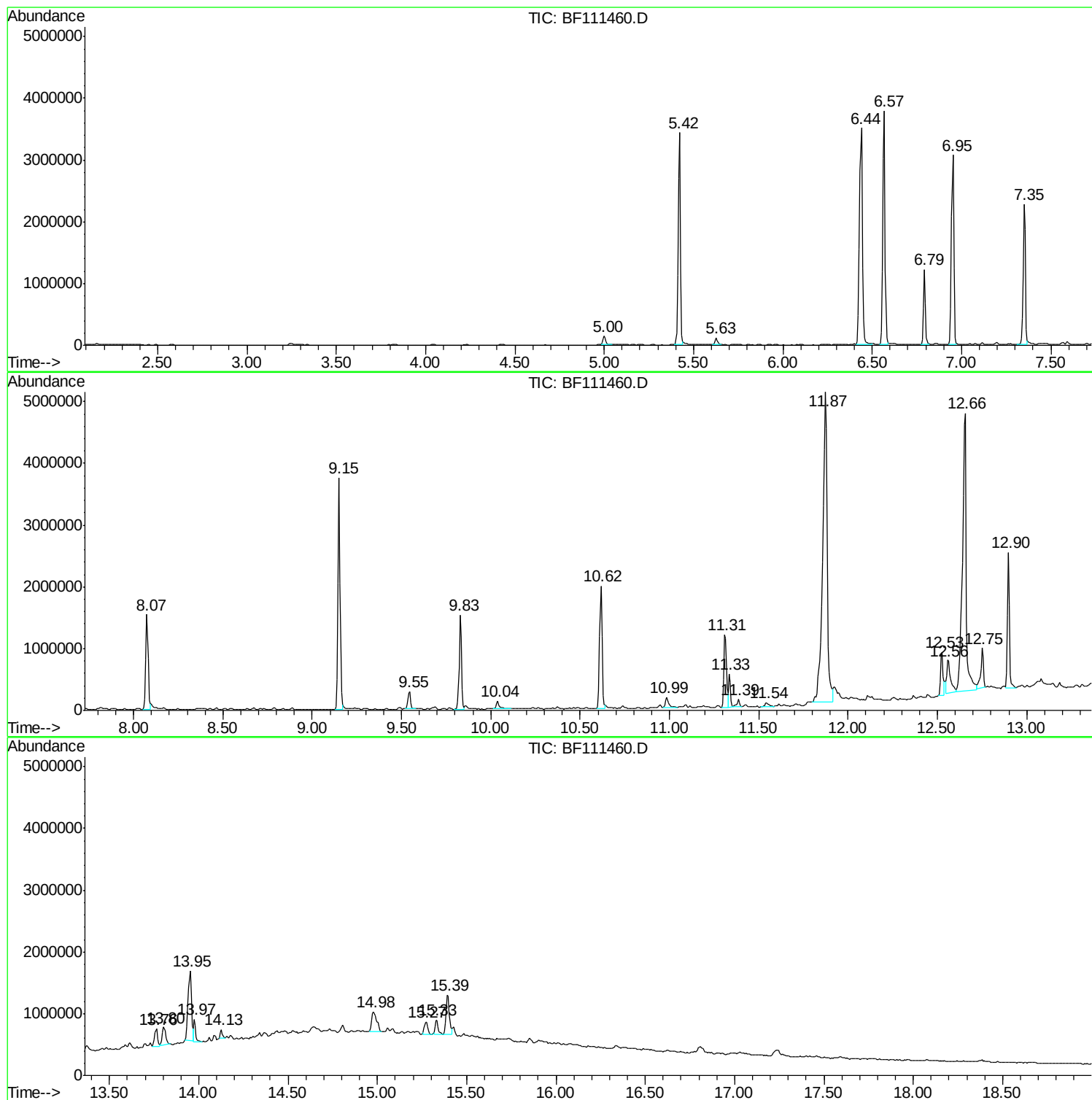
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
BNA_F
ClientSampled :
TP-2

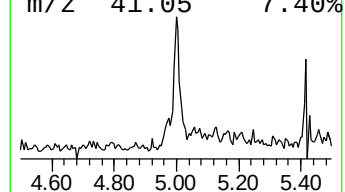
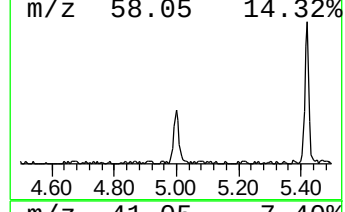
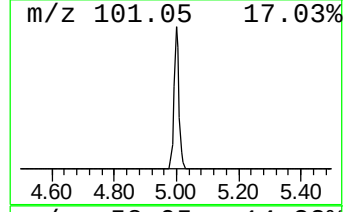
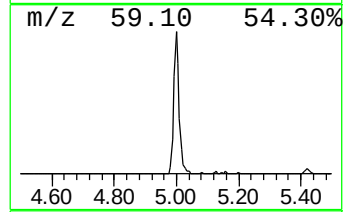
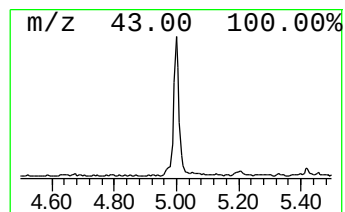
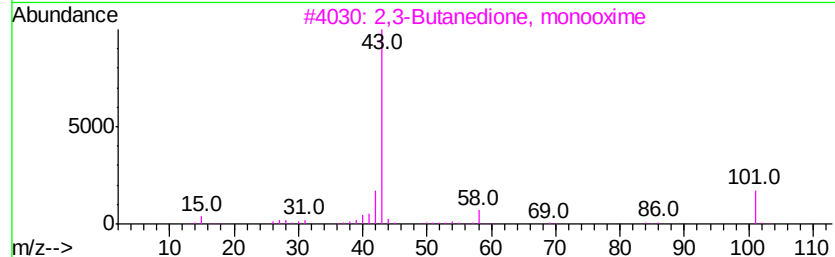
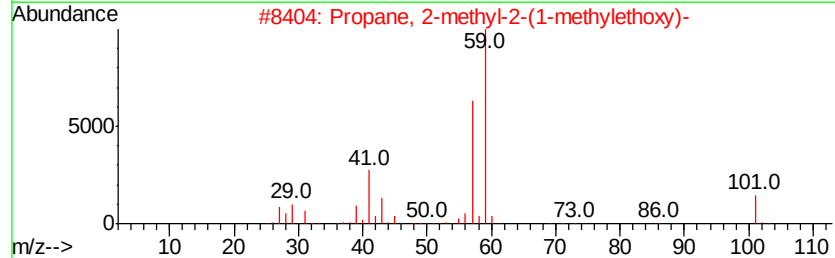
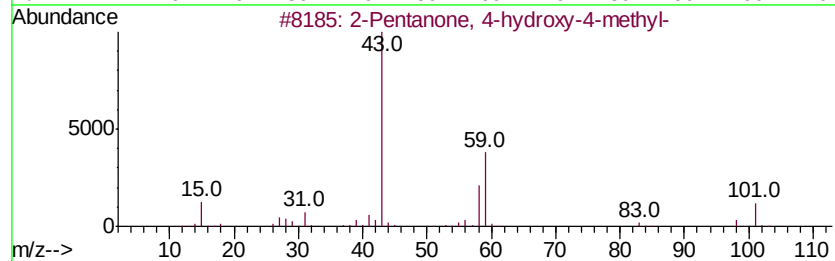
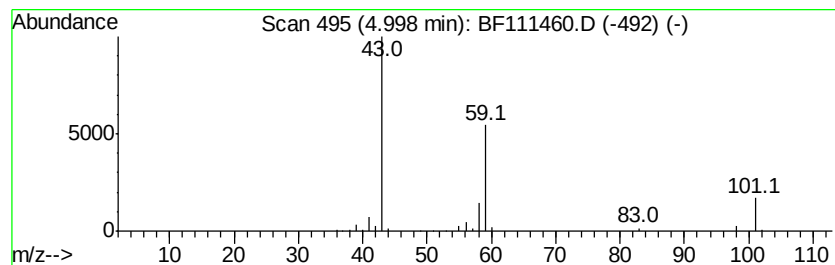
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.43 ng	163646	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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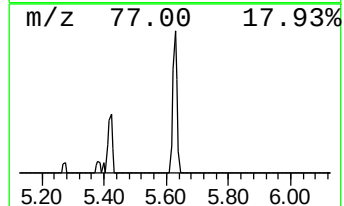
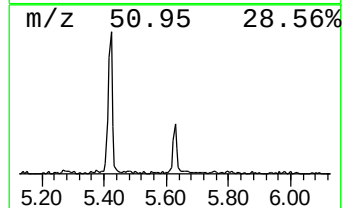
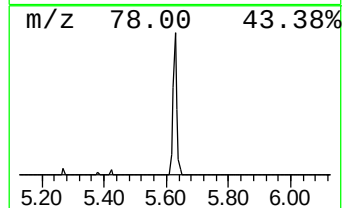
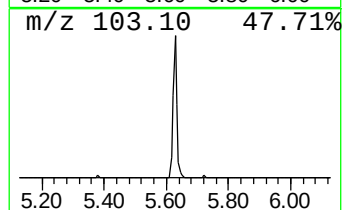
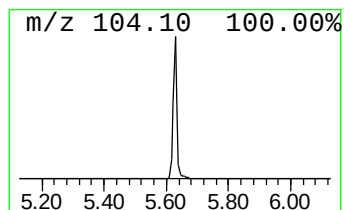
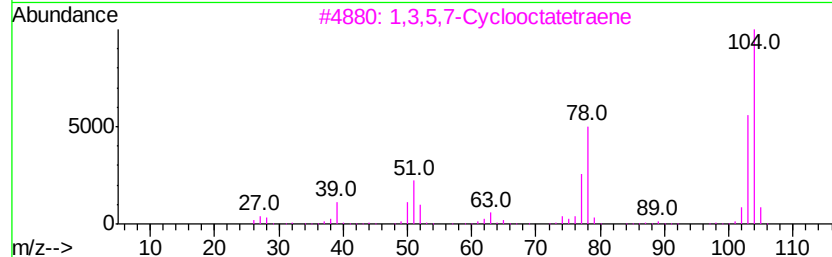
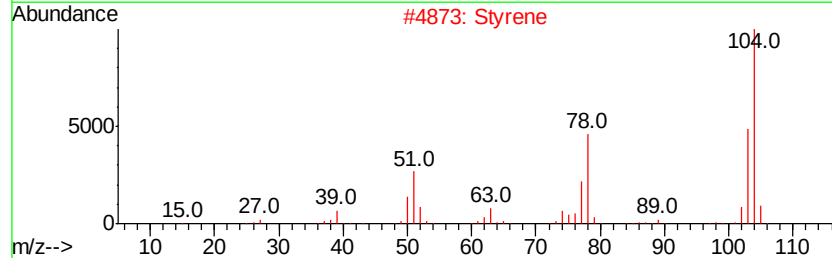
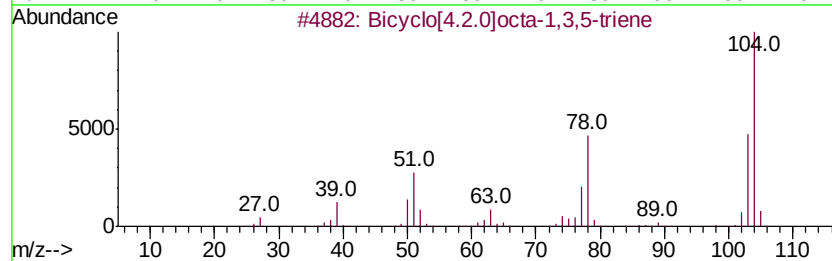
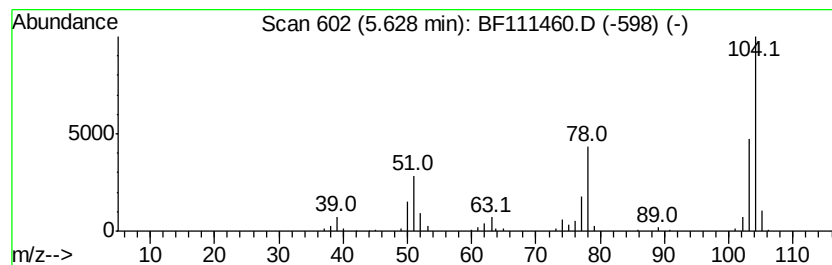
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	2.14 ng	102102	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	50
5	3-Pyridinecarbonitrile	104	C6H4N2	000100-54-9	25



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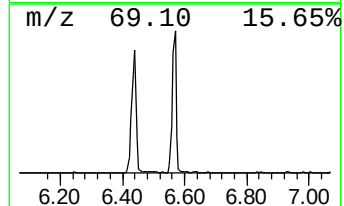
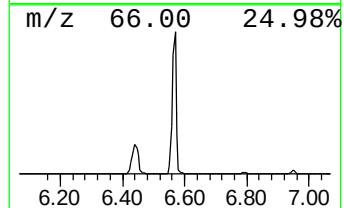
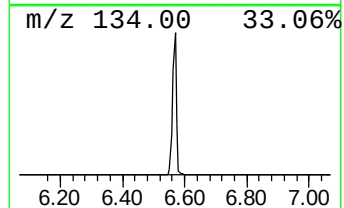
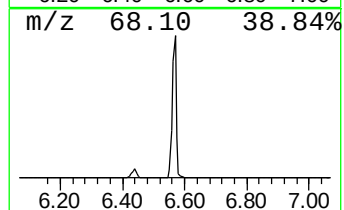
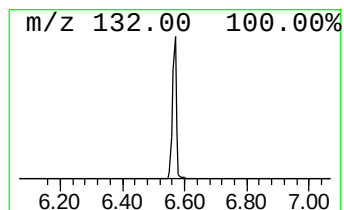
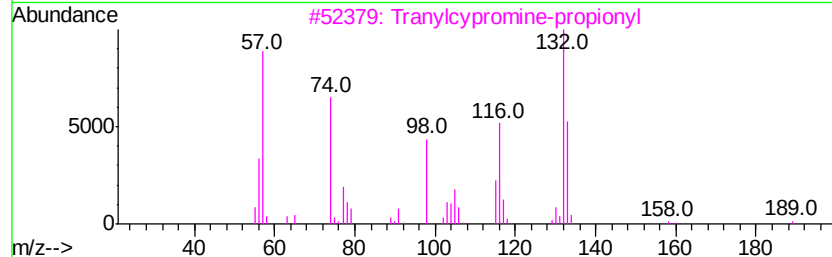
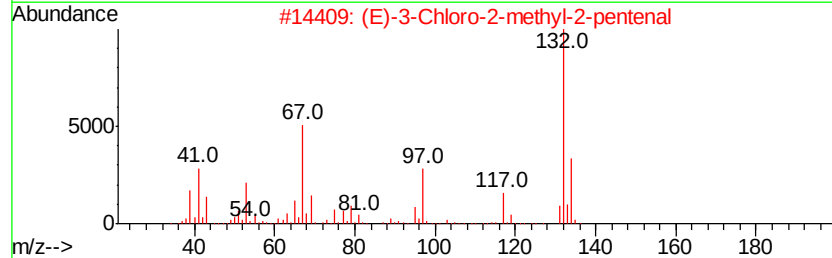
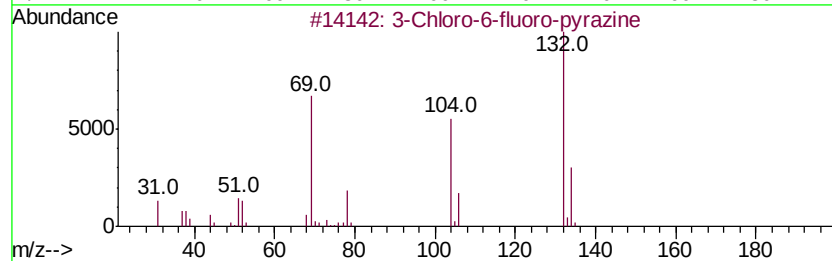
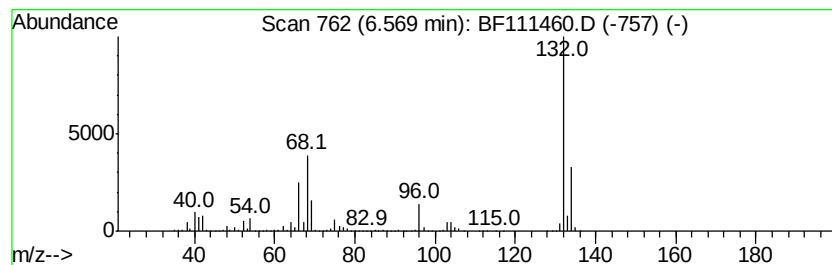
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.68 ng	3368500	1,4-Dichlorobenzene-d4	6.79

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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Sample : J6208-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

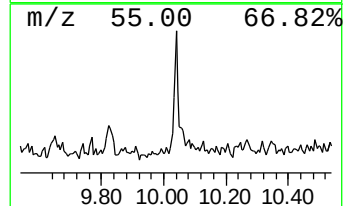
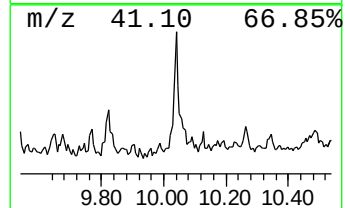
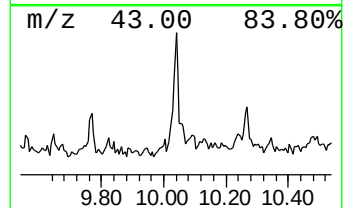
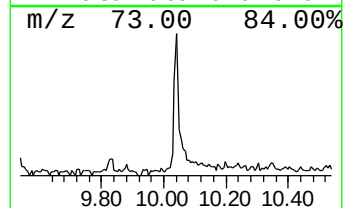
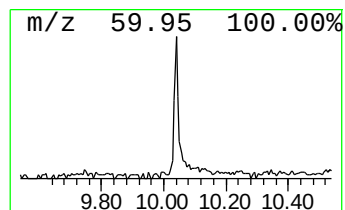
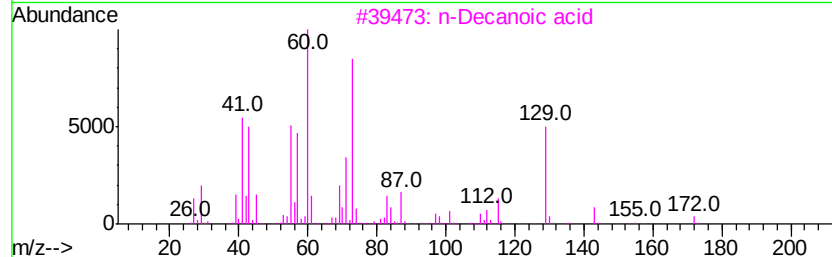
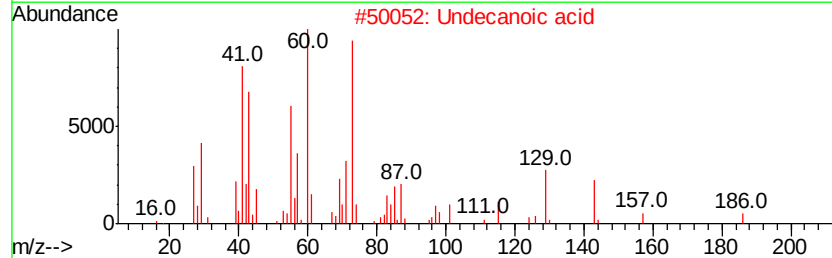
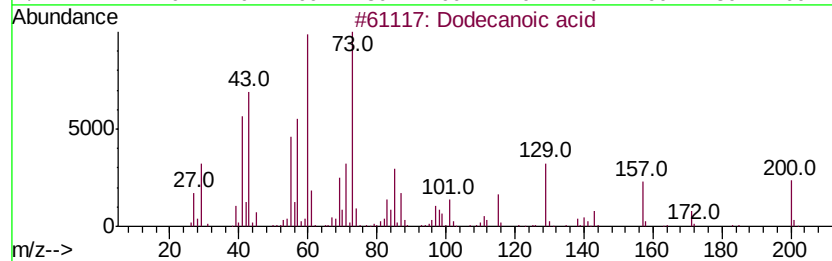
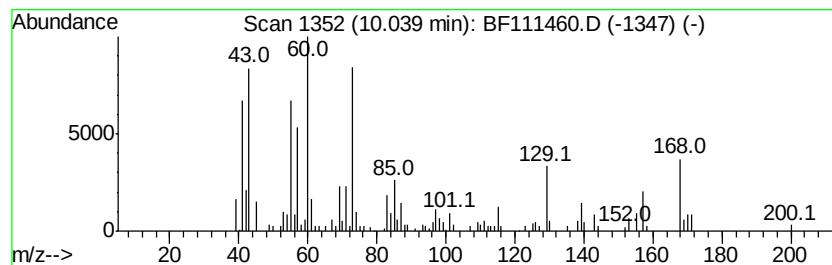
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.04	2.43 ng	168367	Acenaphthene-d10		9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	81
2			Undecanoic acid	186	C11H22O2	000112-37-8	50
3			n-Decanoic acid	172	C10H20O2	000334-48-5	47
4			Nonanoic acid	158	C9H18O2	000112-05-0	46
5			Octanoic acid	144	C8H16O2	000124-07-2	43



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ALS Vial : 4 Sample Multiplier: 1

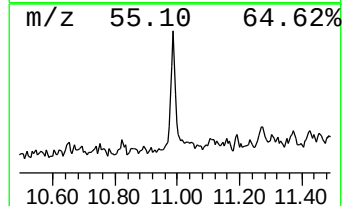
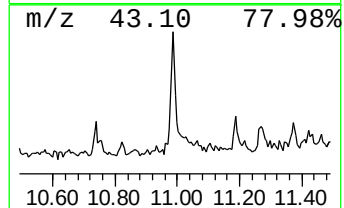
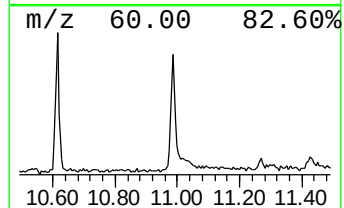
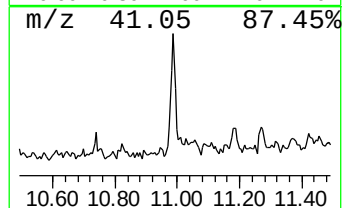
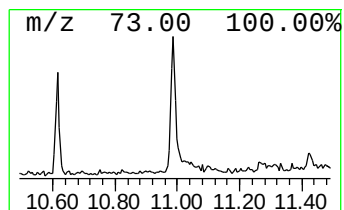
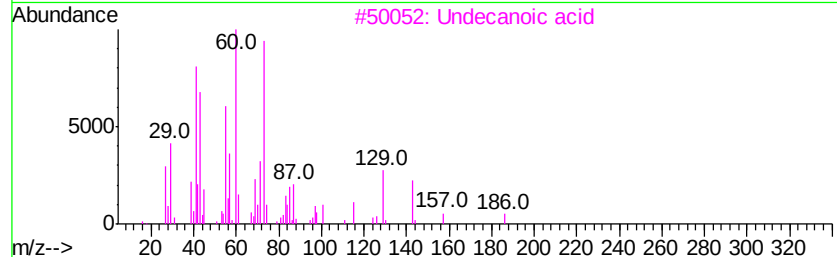
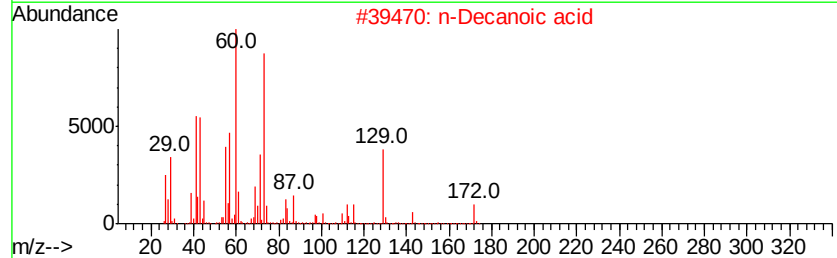
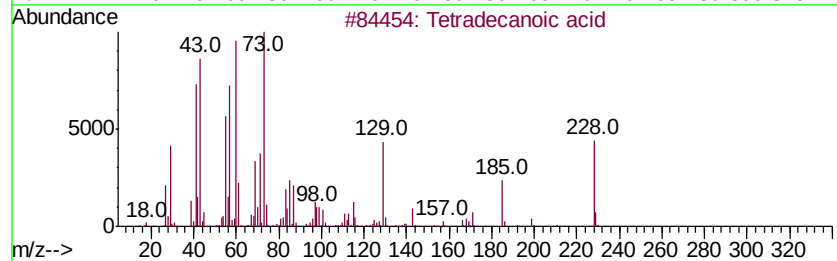
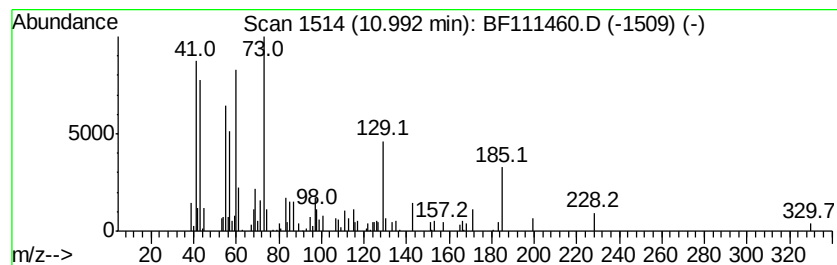
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.99	3.07 ng	180949	Phenanthrene-d10		11.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	81
3	Undecanoic acid	186	C11H22O2	000112-37-8	40
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	40
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

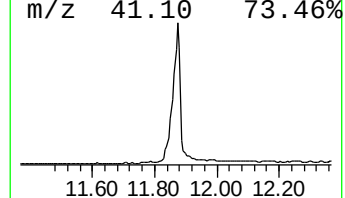
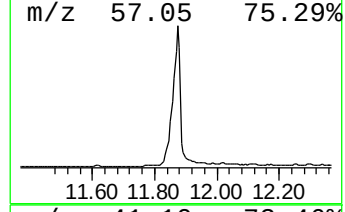
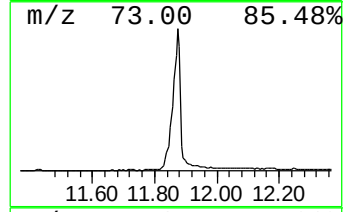
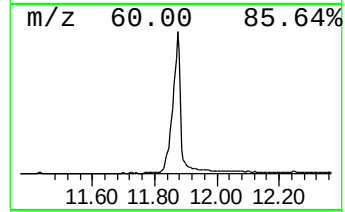
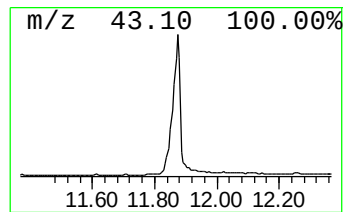
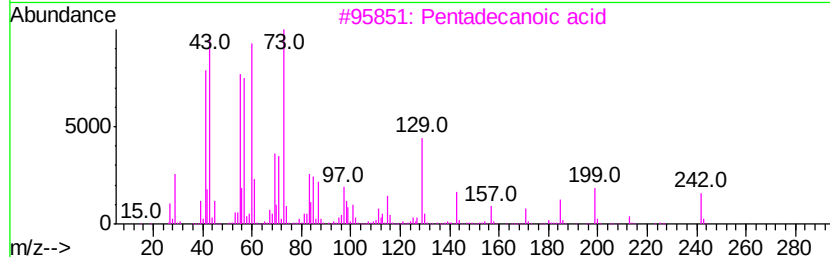
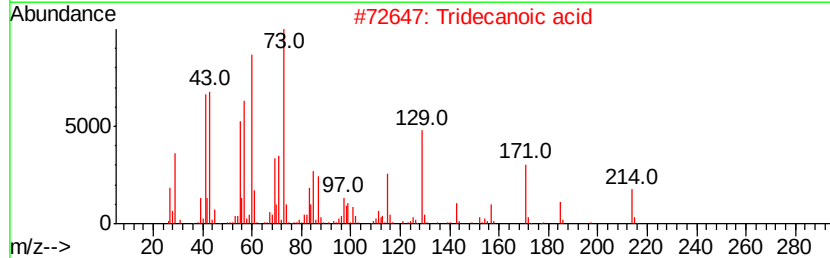
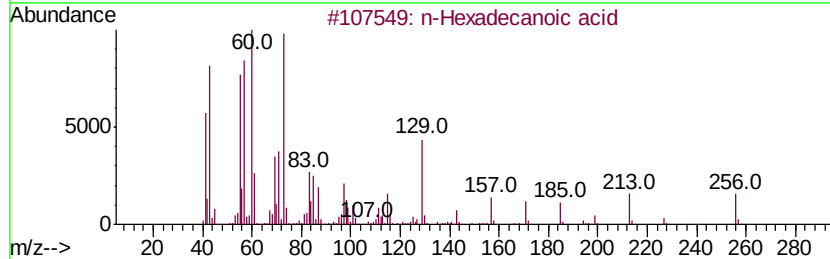
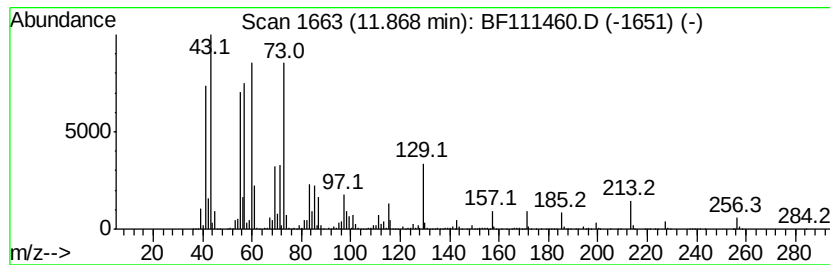
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	151.99 ng	8959250	Phenanthrene-d10	11.31

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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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 Acq On : 15 Dec 2018 11:22
 Operator : JU/SJ
 Sample : J6208-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

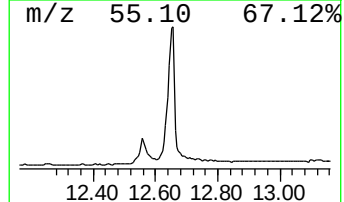
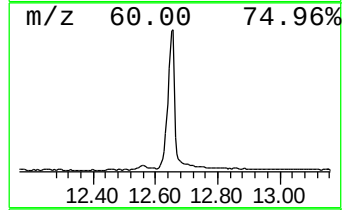
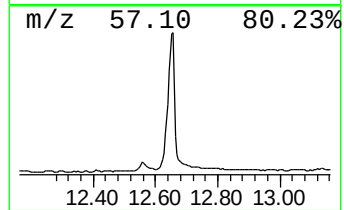
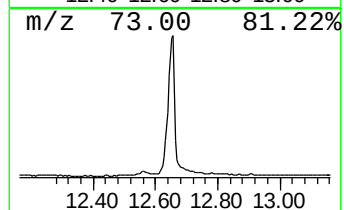
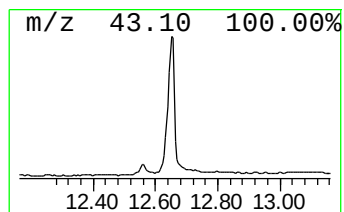
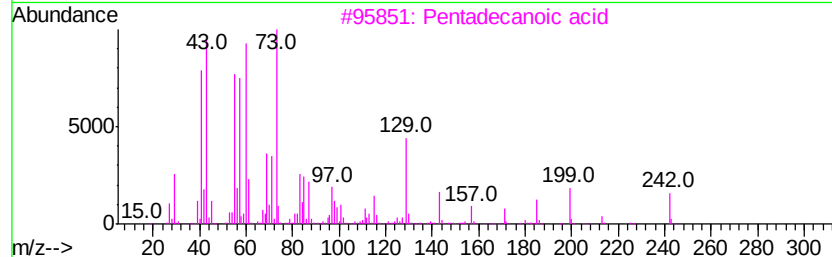
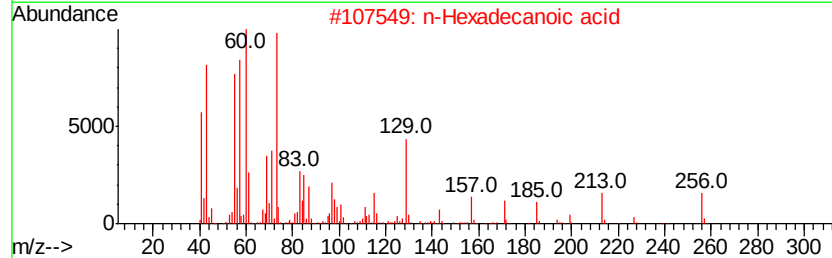
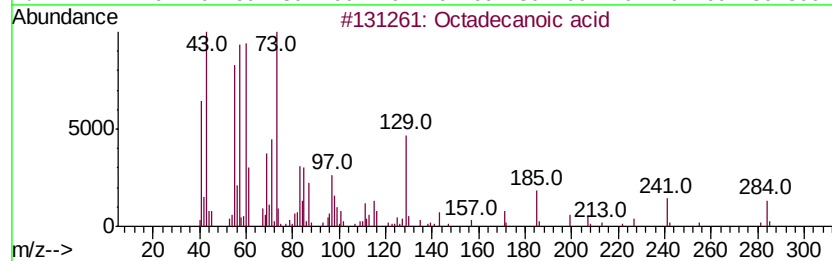
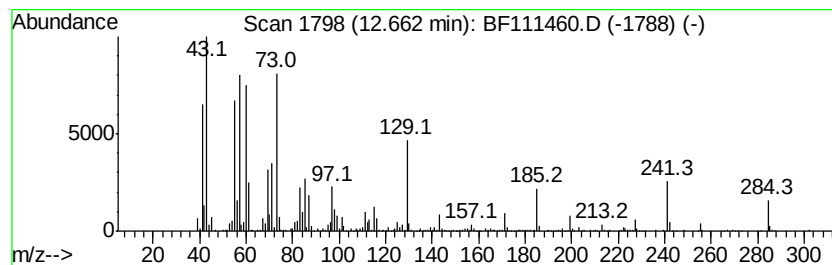
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.66	96.48 ng	6862670	Chrysene-d12		13.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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ALS Vial : 4 Sample Multiplier: 1

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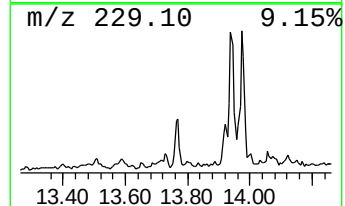
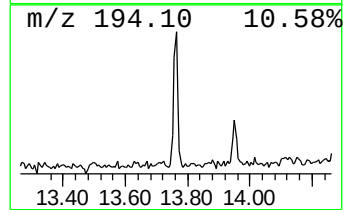
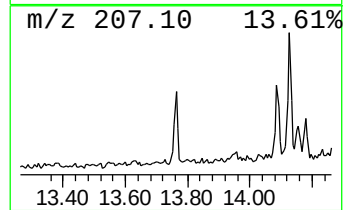
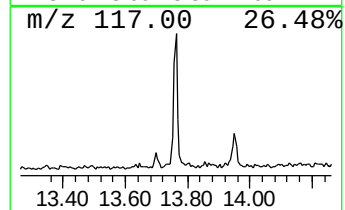
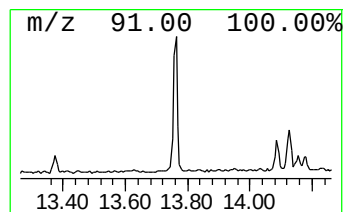
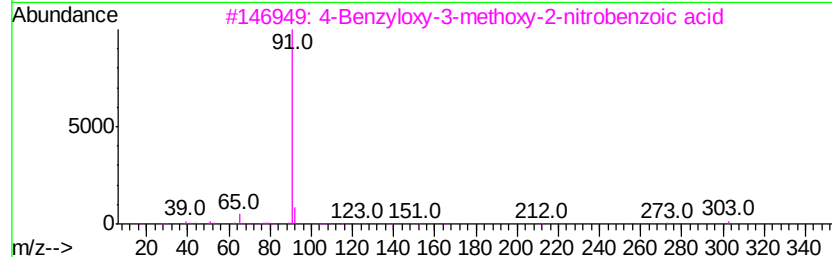
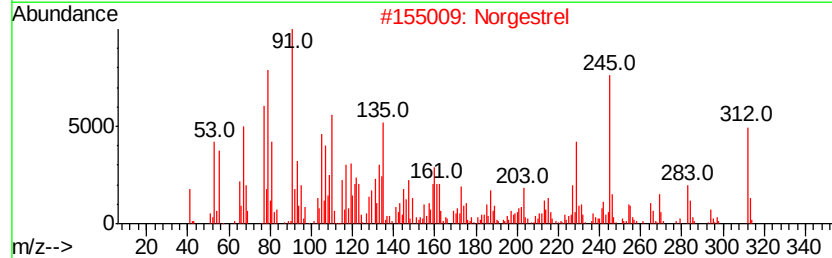
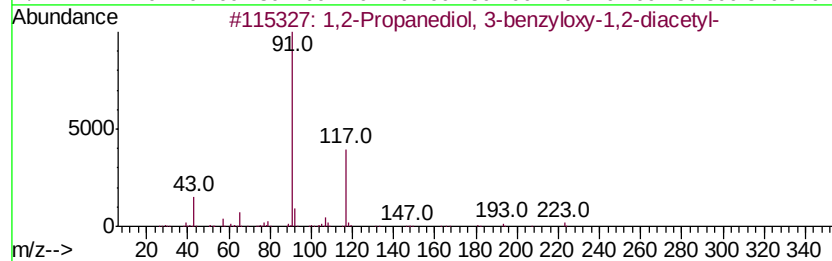
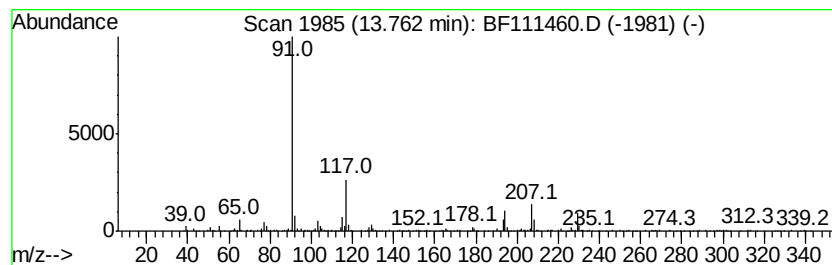
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.04 ng	287627	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Propanediol, 3-benzvloxv-1,2...	266	C14H18O5	013754-10-4	25
2			Norgestrel	312	C21H28O2	006533-00-2	14
3			4-Benzvloxv-3-methoxv-2-nitroben...	303	C15H13NO6	003584-32-5	10
4			Isoxazole, 3-phenyl-5-[(phenylme...	267	C16H13NO5	028884-17-5	10
5			l-Allylglycine, N-benzylloxycarbo...	291	C16H21NO4	1000325-32-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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Acq On : 15 Dec 2018 11:22
Operator : JU/SJ
Sample : J6208-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

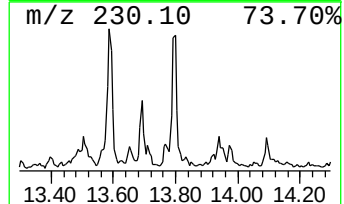
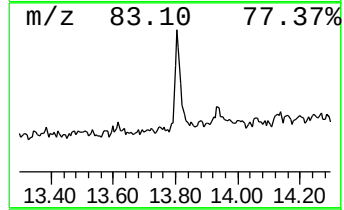
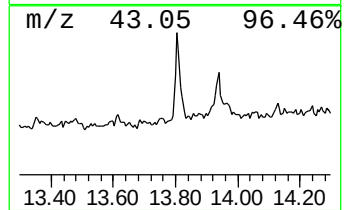
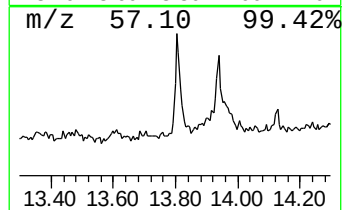
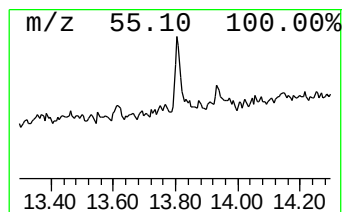
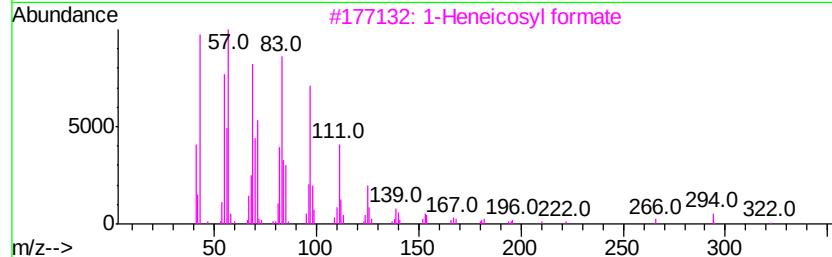
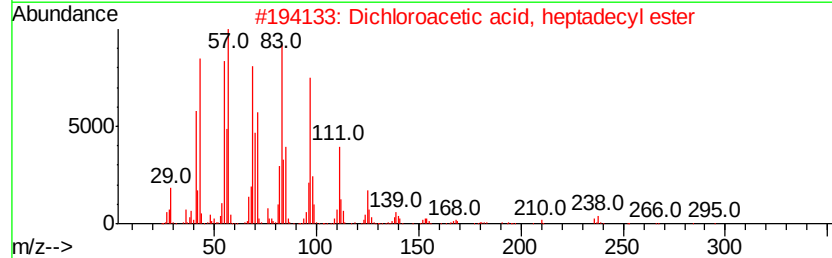
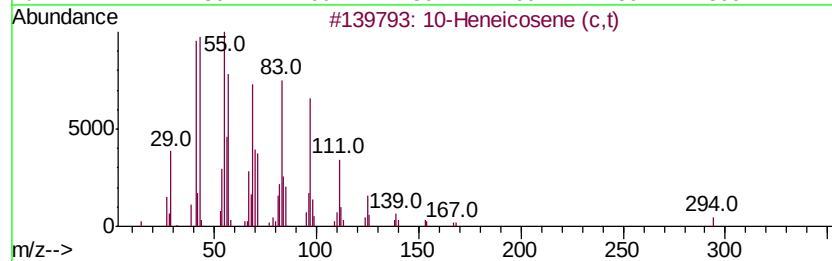
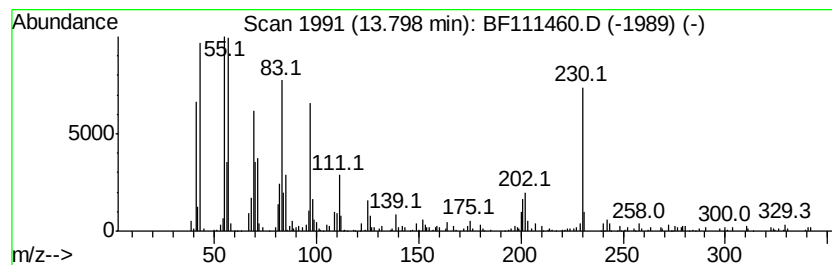
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10-Heneicosene (c,t) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.80	4.89 ng	348032	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Heneicosene (c,t)	294	C21H42	095008-11-0	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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Sample : J6208-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

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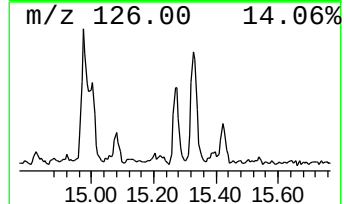
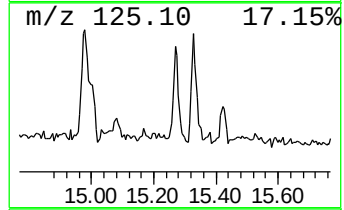
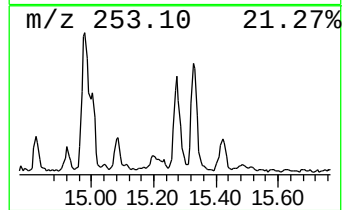
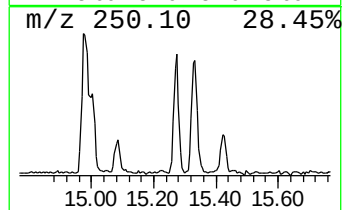
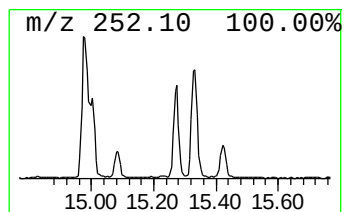
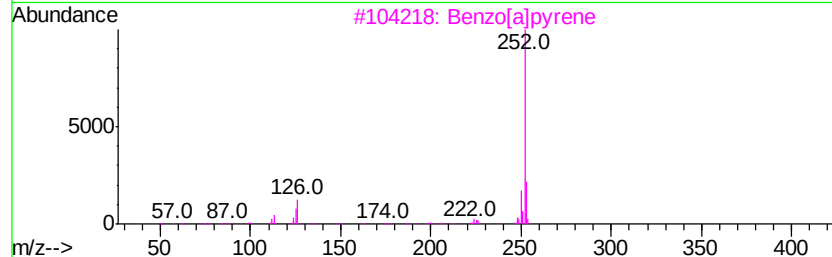
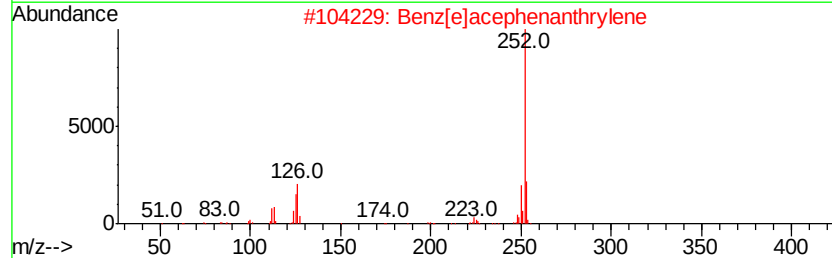
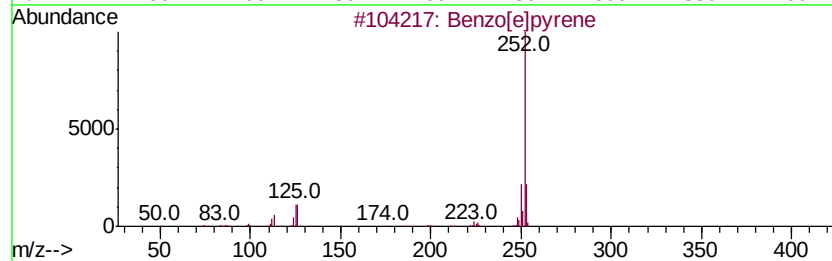
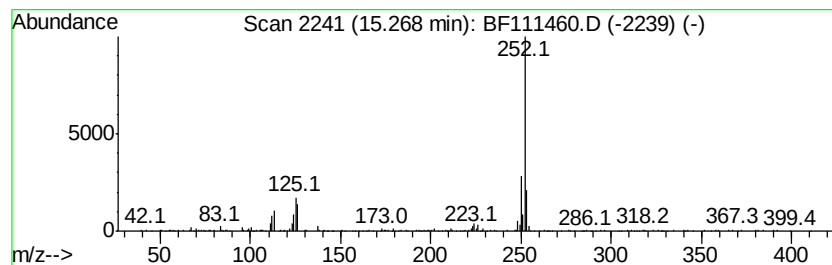
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	5.81 ng	247710	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
 Data File : BF111460.D
 Acq On : 15 Dec 2018 11:22
 Operator : JU/SJ
 Sample : J6208-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.4	ng	163646	1	6.79	953161	20.0
Bicyclo[4.2.0]oct...	5.63	2.1	ng	102102	1	6.79	953161	20.0
unknown6.57	6.57	70.7	ng	3368500	1	6.79	953161	20.0
Dodecanoic acid	10.04	2.4	ng	168367	3	9.83	1384280	20.0
Tetradecanoic acid	10.99	3.1	ng	180949	4	11.31	1178940	20.0
n-Hexadecanoic acid	11.87	152.0	ng	8959250	4	11.31	1178940	20.0
Octadecanoic acid	12.66	96.5	ng	6862670	5	13.95	1422570	20.0
unknown13.76	13.76	4.0	ng	287627	5	13.95	1422570	20.0
10-Heneicosene (c,t)	13.80	4.9	ng	348032	5	13.95	1422570	20.0
Benzo[e]pyrene	15.27	5.8	ng	247710	6	15.39	852008	20.0