

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111389.D
 Acq On : 14 Dec 2018 00:10
 Operator : JU/SJ
 Sample : J6208-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-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-BF121218.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	3.281	200	203	217	rBV	171447	353525	4.49%	0.563%
2	5.022	495	499	506	rVB	315414	462049	5.87%	0.735%
3	5.434	563	569	572	rBV	6841409	7102064	90.18%	11.304%
4	6.451	736	742	758	rBV2	6236331	7875547	100.00%	12.535%
5	6.575	758	763	766	rBV	7173573	7177552	91.14%	11.424%
6	6.793	797	800	809	rBV	2002644	1579224	20.05%	2.514%
7	6.951	821	827	830	rBV	5696569	5182687	65.81%	8.249%
8	7.357	890	896	899	rBV	4672239	4638326	58.90%	7.382%
9	8.075	1014	1018	1037	rVB	2511414	2184091	27.73%	3.476%
10	9.151	1196	1201	1205	rBV	6454389	6164803	78.28%	9.812%
11	9.545	1264	1268	1276	rBV	838149	665167	8.45%	1.059%
12	9.828	1312	1316	1320	rBV2	2240289	1936592	24.59%	3.082%
13	10.486	1422	1428	1433	rBV	118037	136929	1.74%	0.218%
14	10.616	1446	1450	1454	rBV	3470178	3378119	42.89%	5.377%
15	11.310	1565	1568	1571	rBV	1771020	1595142	20.25%	2.539%
16	11.333	1571	1572	1576	rVV	398972	270120	3.43%	0.430%
17	11.386	1576	1581	1584	rVB	91105	104737	1.33%	0.167%
18	11.545	1602	1608	1611	rBV2	54516	78976	1.00%	0.126%
19	11.845	1656	1659	1663	rBV2	905338	953292	12.10%	1.517%
20	12.410	1752	1755	1758	rVB3	69426	83599	1.06%	0.133%
21	12.522	1769	1774	1777	rBV	831887	762801	9.69%	1.214%
22	12.563	1777	1781	1784	rVV	364487	365776	4.64%	0.582%
23	12.633	1789	1793	1797	rBV2	350870	394967	5.02%	0.629%
24	12.751	1807	1813	1816	rBV	697848	659680	8.38%	1.050%
25	12.898	1834	1838	1841	rBV	4260472	3777120	47.96%	6.012%
26	13.080	1866	1869	1872	rVB	78629	80285	1.02%	0.128%
27	13.110	1872	1874	1877	rBV3	72997	87150	1.11%	0.139%
28	13.139	1877	1879	1882	rVB2	107477	100866	1.28%	0.161%
29	13.692	1970	1973	1977	rBV2	67553	93527	1.19%	0.149%
30	13.751	1980	1983	1987	rVV2	123680	156527	1.99%	0.249%
31	13.798	1987	1991	1998	rVV3	691484	917890	11.65%	1.461%
32	13.945	2012	2016	2019	rBV2	1359120	1605309	20.38%	2.555%
33	13.974	2019	2021	2027	rVB	281828	259120	3.29%	0.412%
34	14.433	2096	2099	2102	rBV3	115424	128801	1.64%	0.205%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.968	2187	2190	2193	rBV	209630	295071	3.75%	0.470%
36	15.263	2237	2240	2245	rVB	130599	158158	2.01%	0.252%
37	15.321	2247	2250	2255	rVB	164502	187818	2.38%	0.299%
38	15.386	2257	2261	2265	rBV	748561	875392	11.12%	1.393%

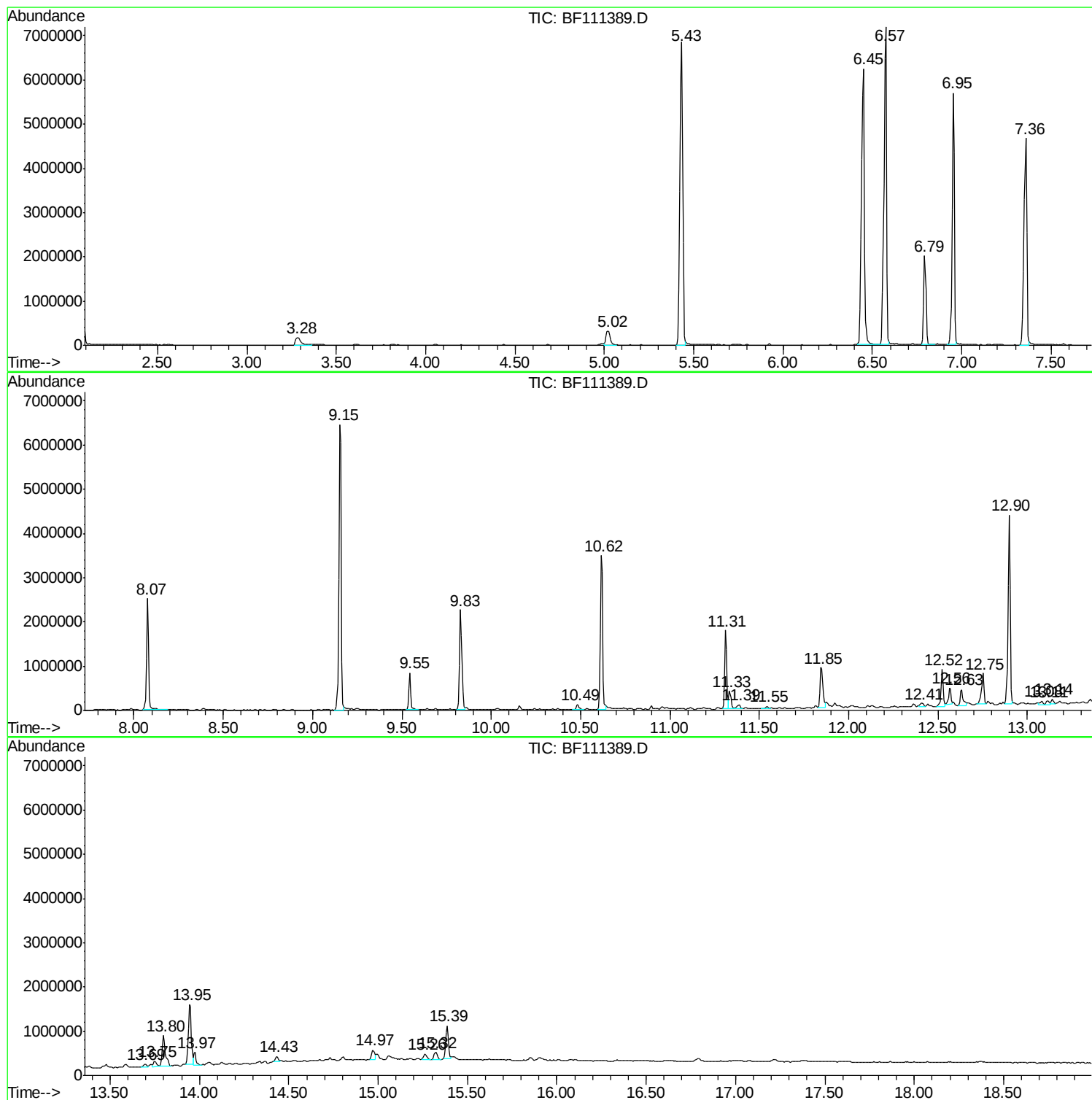
Sum of corrected areas: 62828799

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

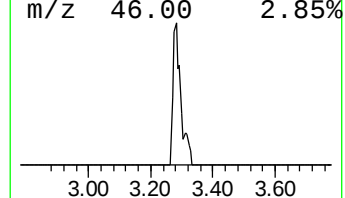
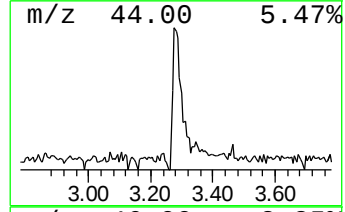
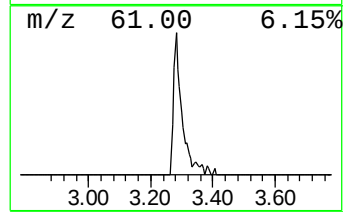
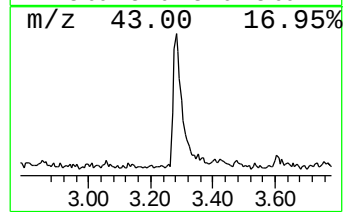
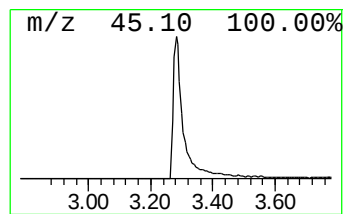
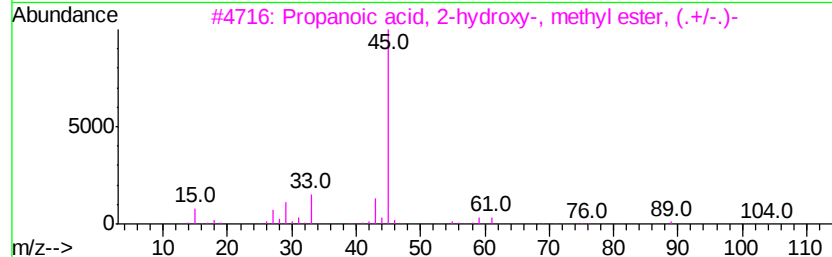
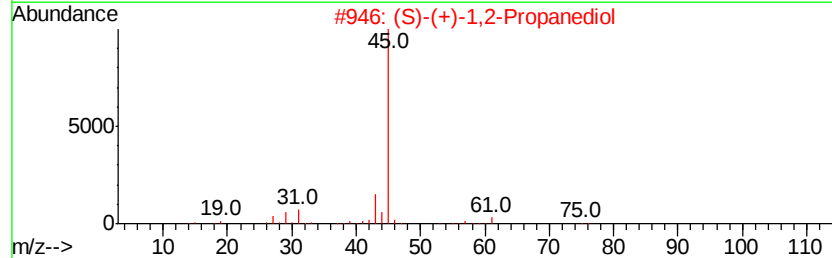
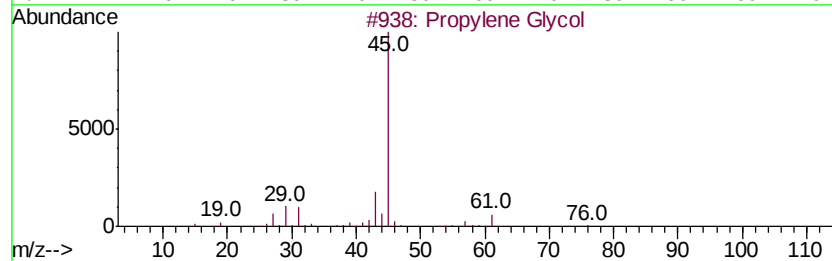
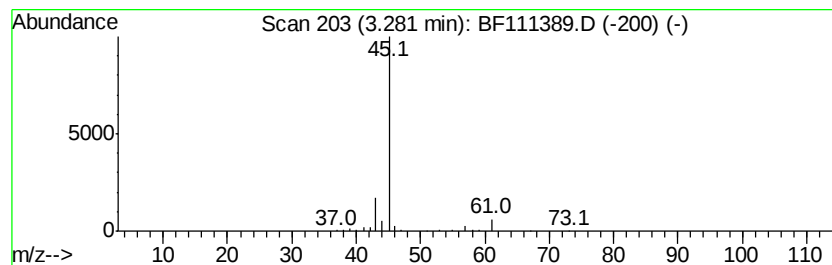
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.28	4.48 ng	353525	1,4-Dichlorobenzene-d4	6.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	74
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
4	Formamide	45	CH3NO	000075-12-7	7
5	Ethylamine	45	C2H7N	000075-04-7	4



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-1

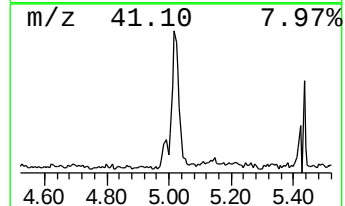
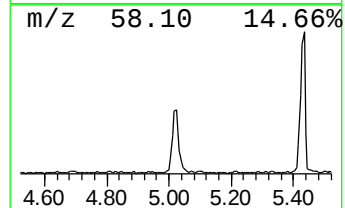
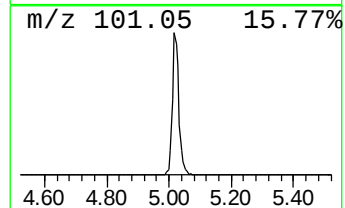
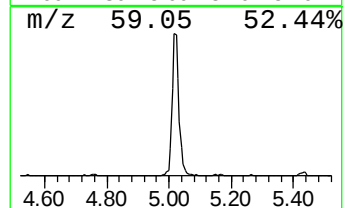
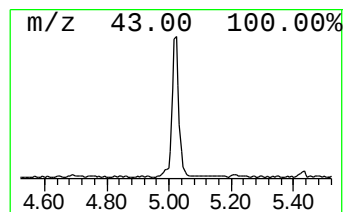
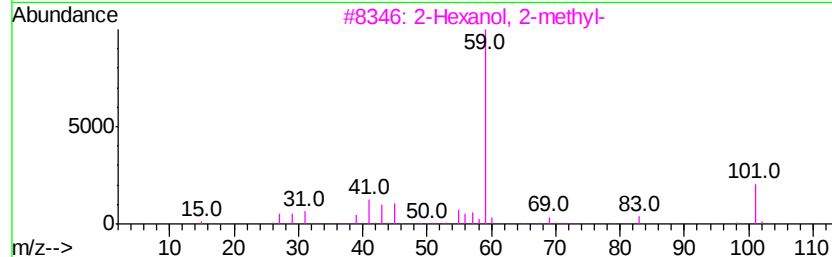
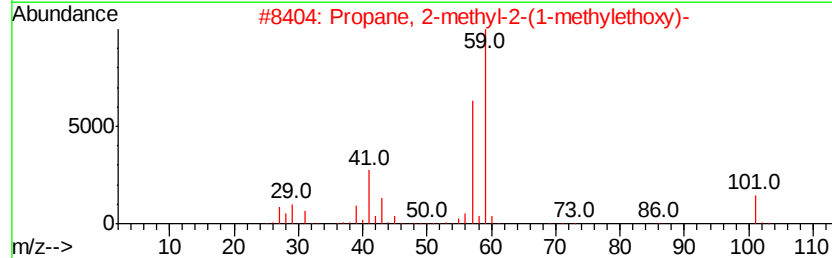
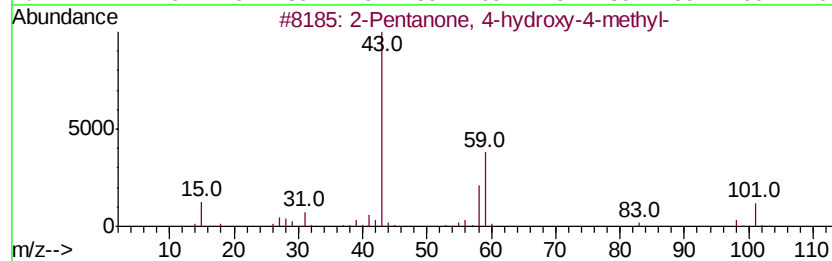
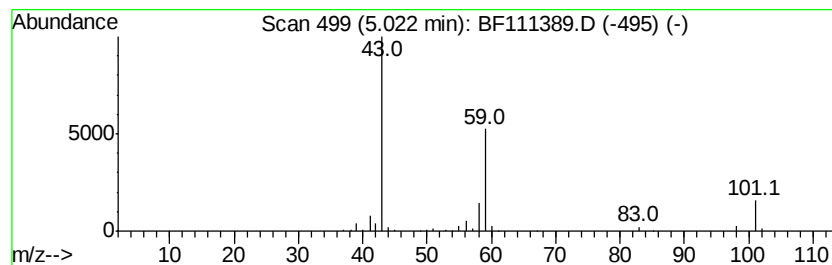
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	5.85 ng	462049	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	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

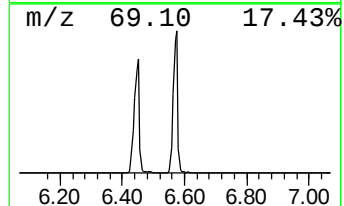
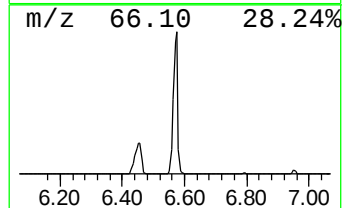
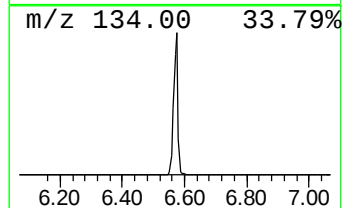
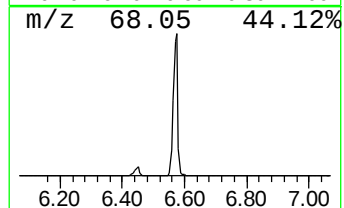
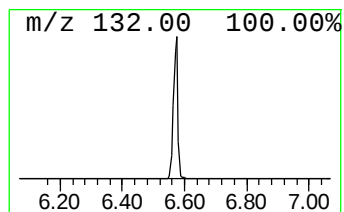
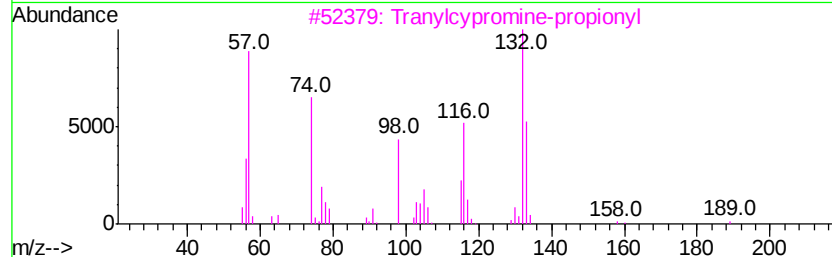
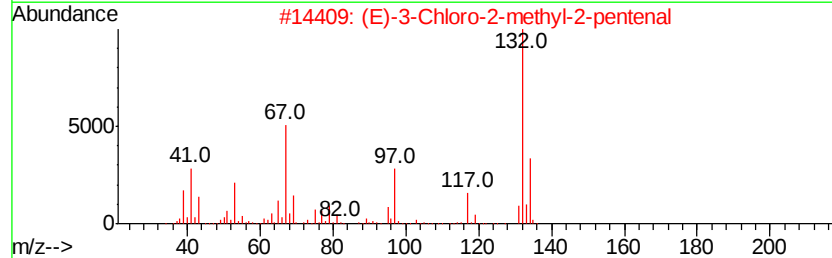
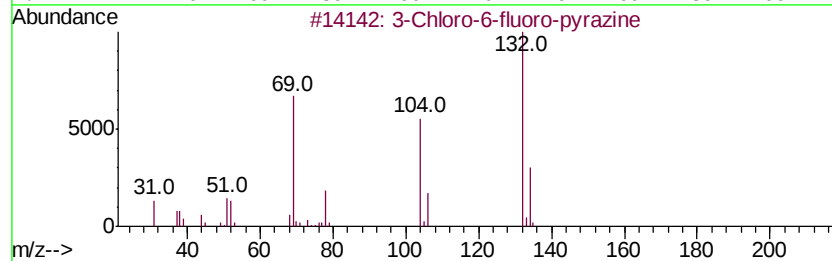
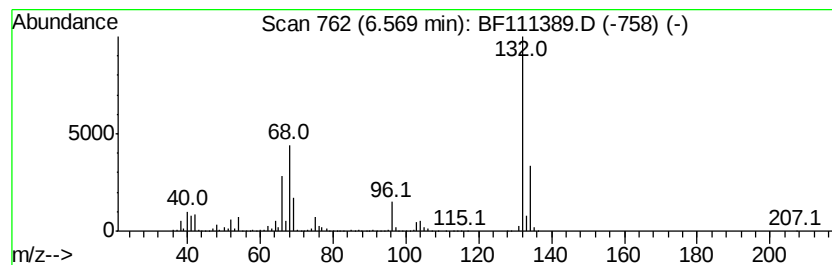
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	90.90 ng	7177550	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

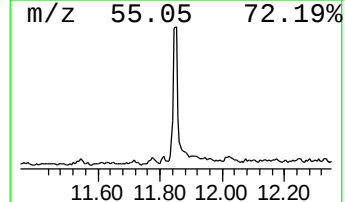
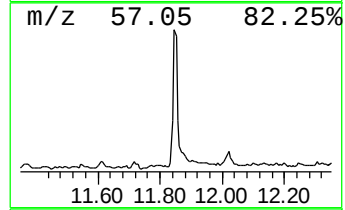
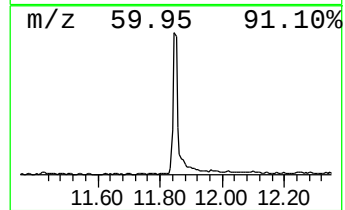
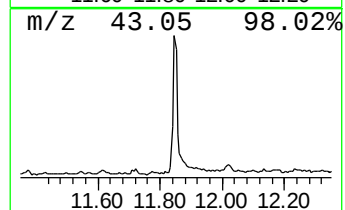
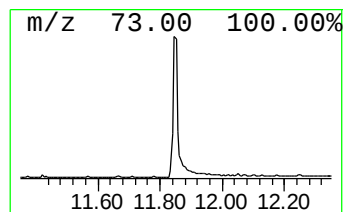
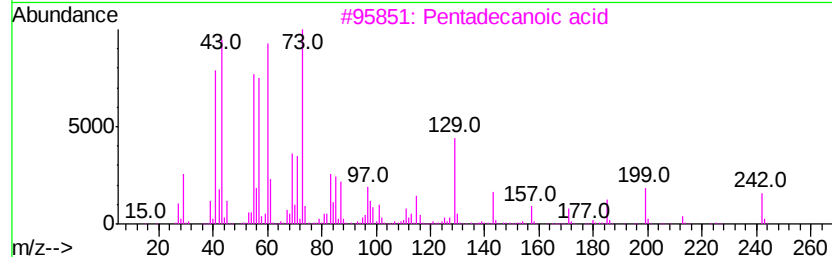
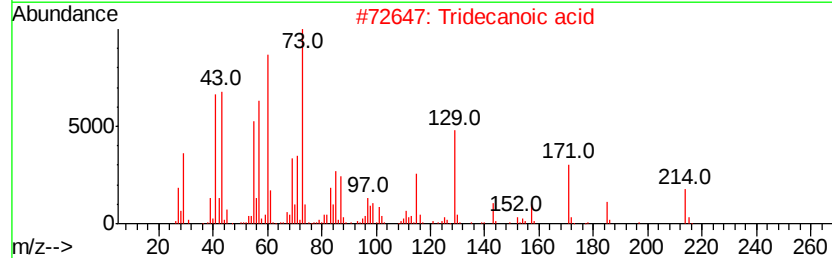
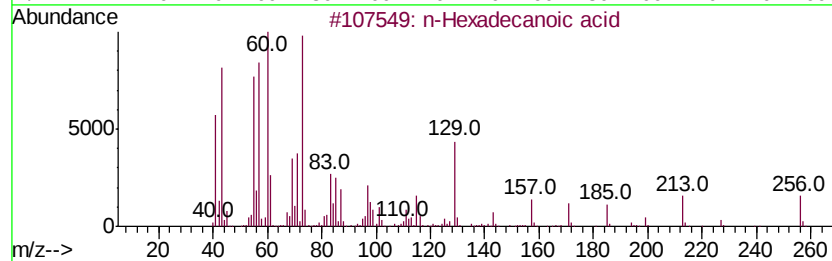
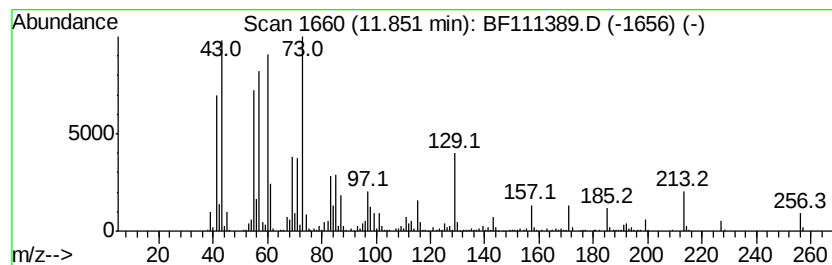
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	11.95 ng	953292	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	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

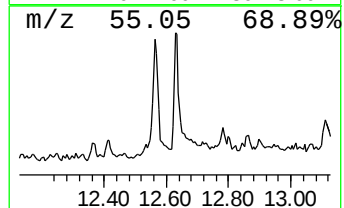
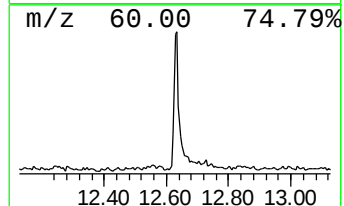
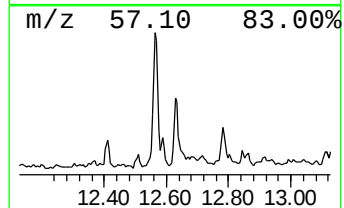
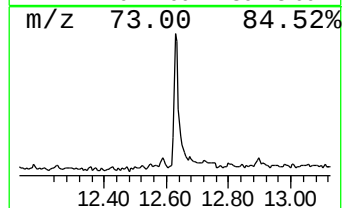
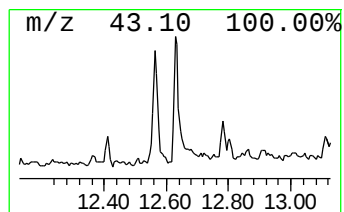
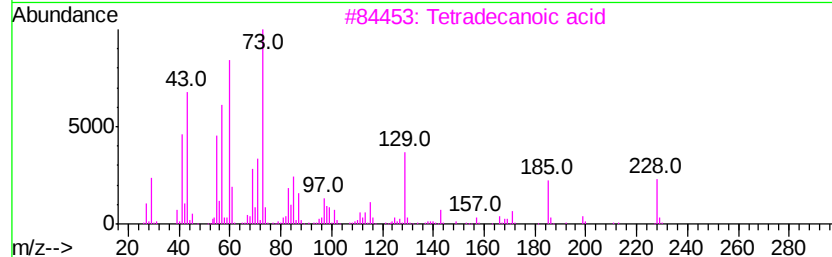
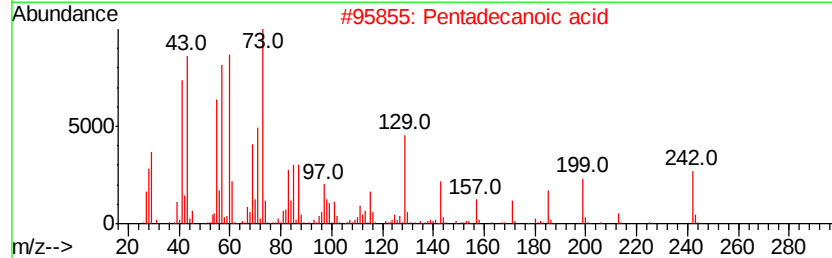
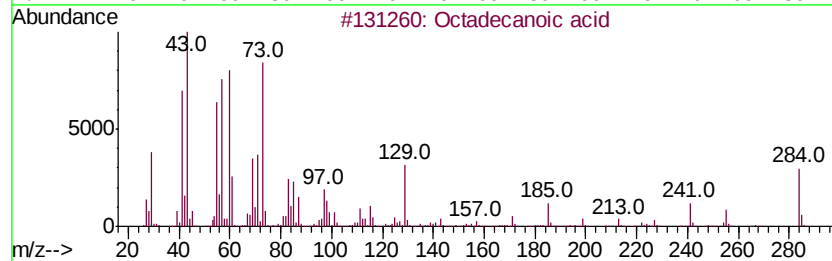
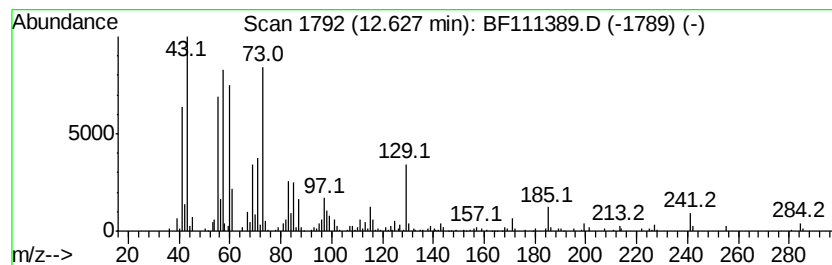
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.63	4.92 ng	394967	Chrysene-d12		13.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

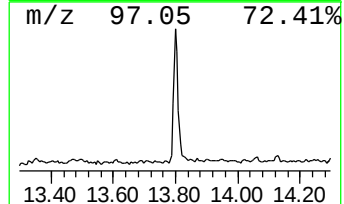
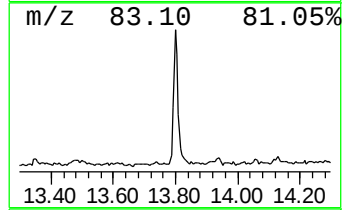
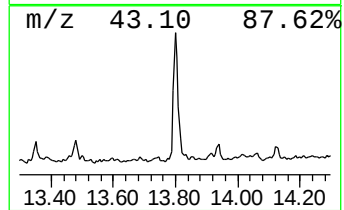
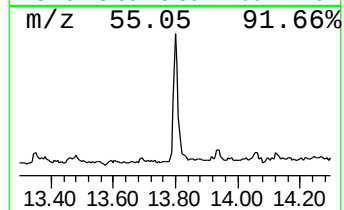
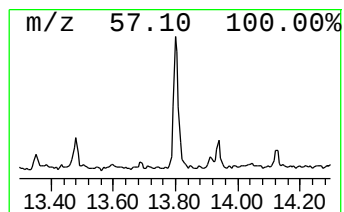
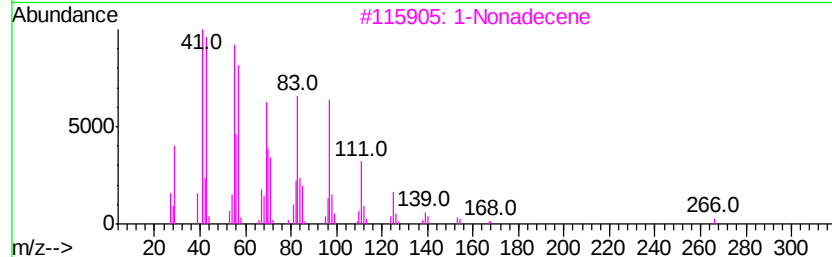
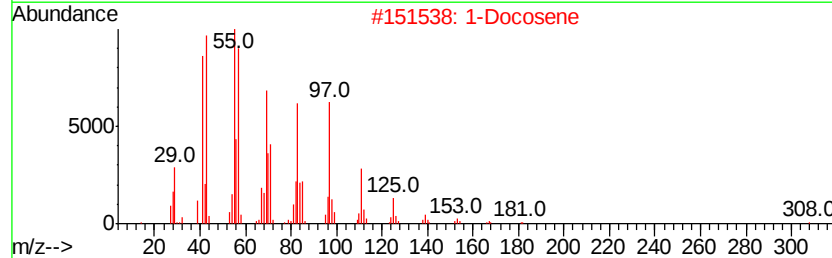
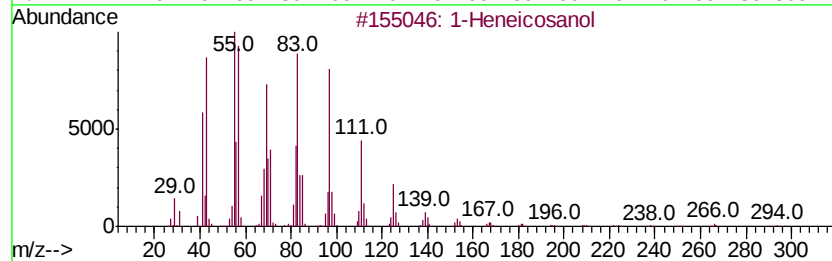
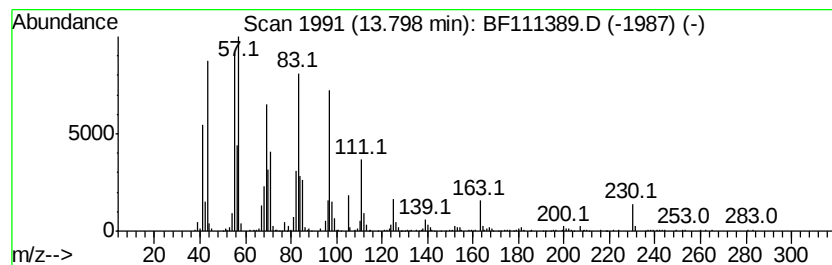
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	11.44 ng	917890	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	93
2	1-Docosene		308	C22H44	001599-67-3	90
3	1-Nonadecene		266	C19H38	018435-45-5	90
4	Octacosanol		410	C28H58O	000557-61-9	90
5	Heptadecyl trifluoroacetate		352	C19H35F3O2	1000351-87-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

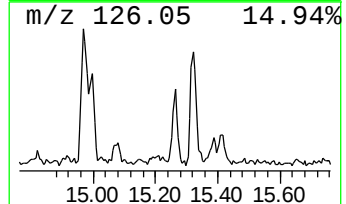
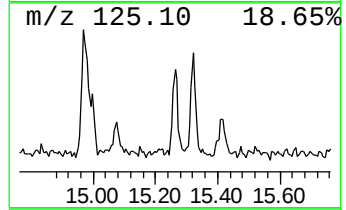
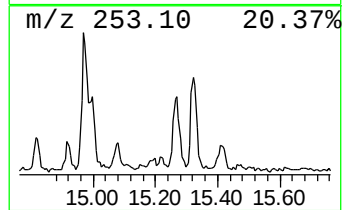
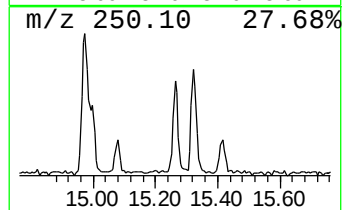
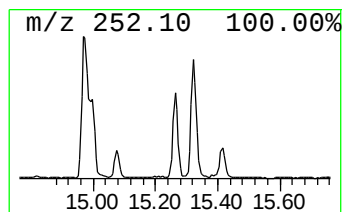
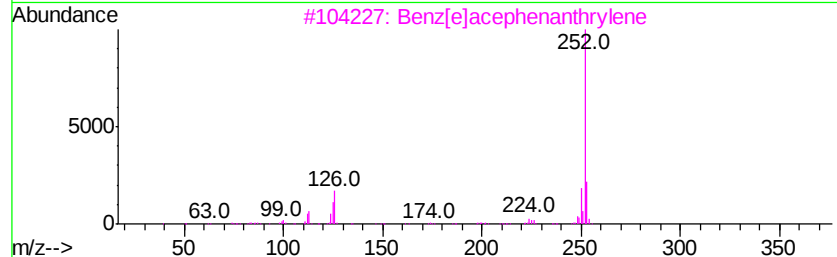
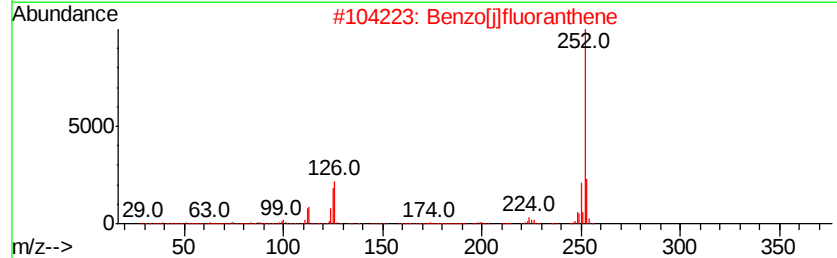
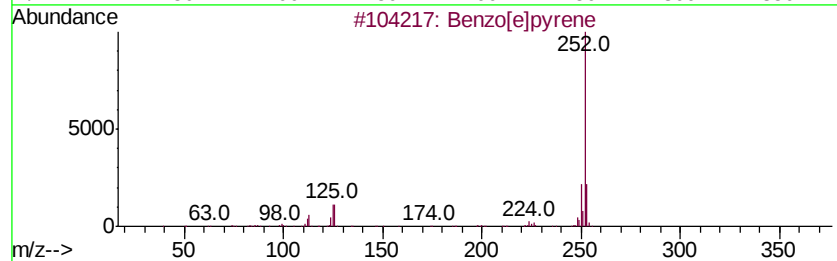
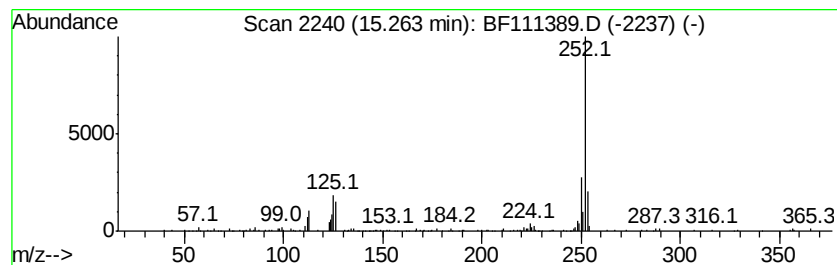
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.61 ng	158158	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
3		Benz[el]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111389.D
Acq On : 14 Dec 2018 00:10
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
Propylene Glycol	3.28	4.5	ng	353525	1	6.79	1579220	20.0
2-Pentanone, 4-hy...	5.02	5.8	ng	462049	1	6.79	1579220	20.0
unknown6.57	6.57	90.9	ng	7177550	1	6.79	1579220	20.0
n-Hexadecanoic acid	11.85	11.9	ng	953292	4	11.31	1595140	20.0
Octadecanoic acid	12.63	4.9	ng	394967	5	13.95	1605310	20.0
1-Heneicosanol	13.80	11.4	ng	917890	5	13.95	1605310	20.0
Benzo[e]pyrene	15.26	3.6	ng	158158	6	15.39	875392	20.0