Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033209.D
Acq On : 20 Nov 2021 11:34
Operator : CG/JU
Sample : M4725-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4L14

Quant Time: Nov 22 00:55:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	4189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	13132	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	8648	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	18716	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	15298	0.400	ng/ul	0.00
23) Perylene-d12	23.804	264	12819	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	15180	3.854	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.333	152	6776	0.372	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	21601	0.487	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.804	128	1798	0.044	ng/ul#	91
11) Acenaphthene	14.640	153	1700	0.051	ng/ul	98
12) Fluorene	15.622	166	4047	0.108	ng/ul	99
15) Phenanthrene	17.350	178	16982	0.250	ng/ul	99
16) Anthracene	17.444	178	1897	0.035	ng/ul#	85
19) Fluoranthene	19.356	202	2846	0.039	ng/ul#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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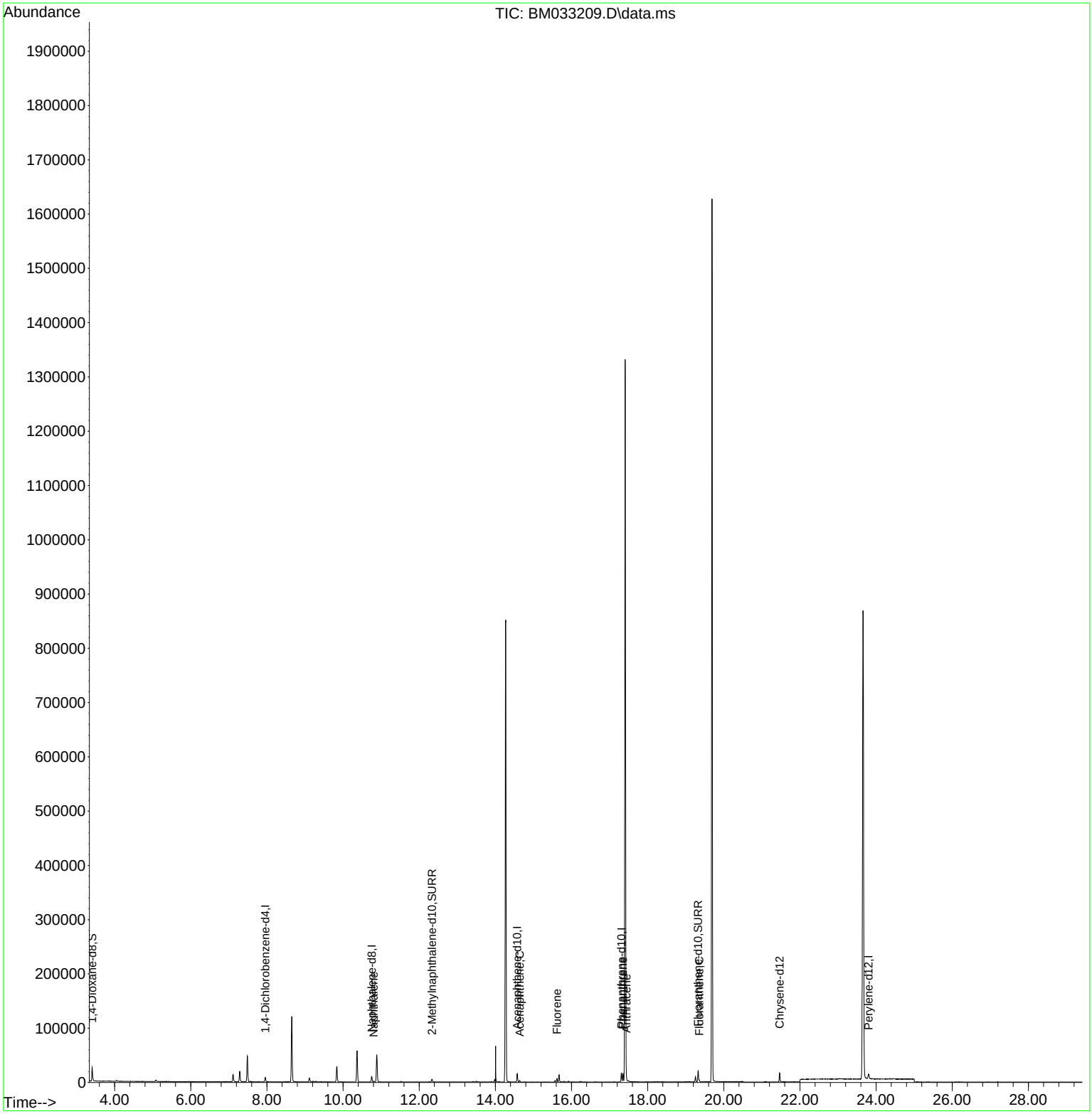
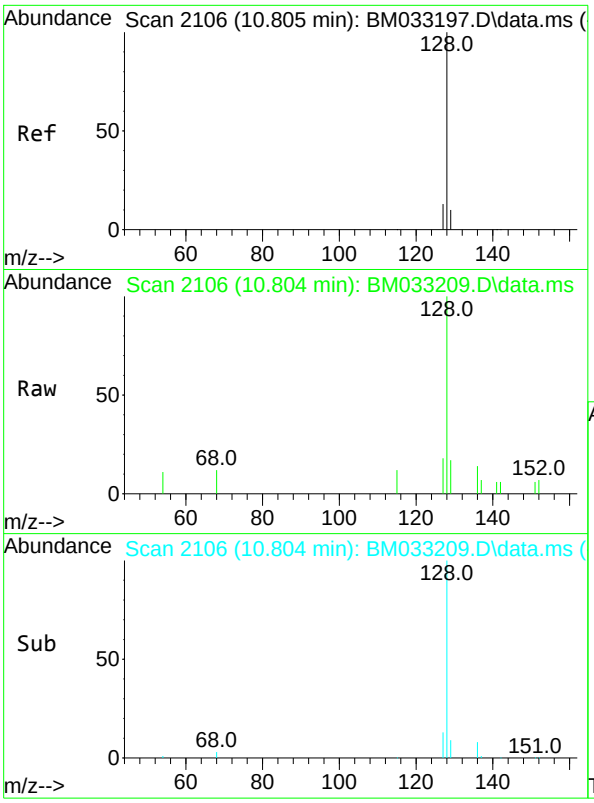


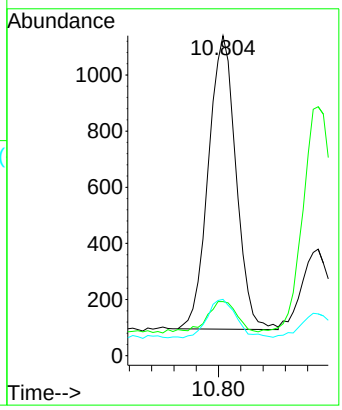


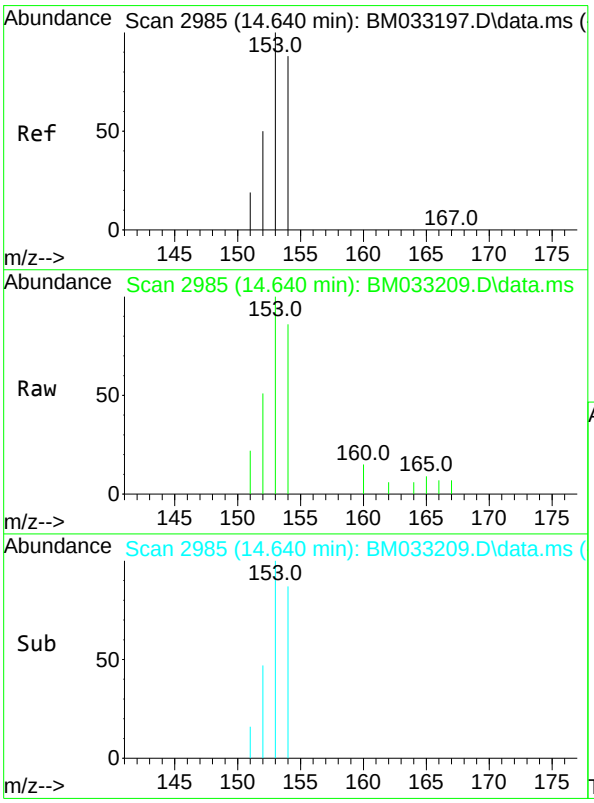
#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.804 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Instrument :
BNA_M
ClientSampleId :
F4L14

Tgt Ion:128 Resp: 1798

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.8	14.6#
127	17.6	11.8	17.8

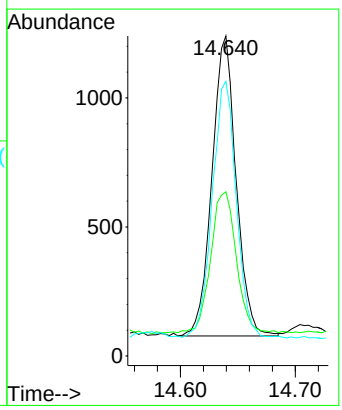


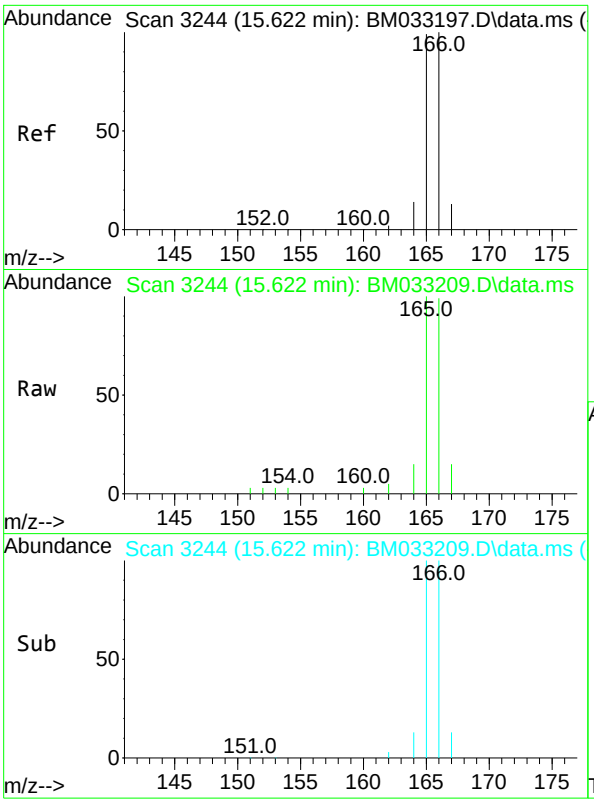


#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.640 min Scan# 2985
Delta R.T. -0.005 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Tgt Ion:153 Resp: 1700

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.6	60.8
154	85.8	70.8	106.2



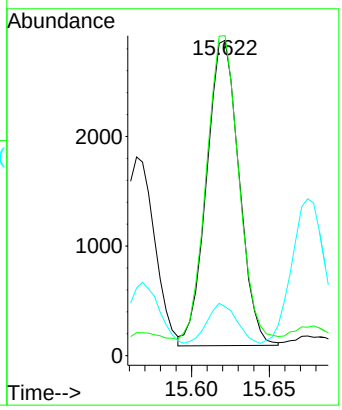


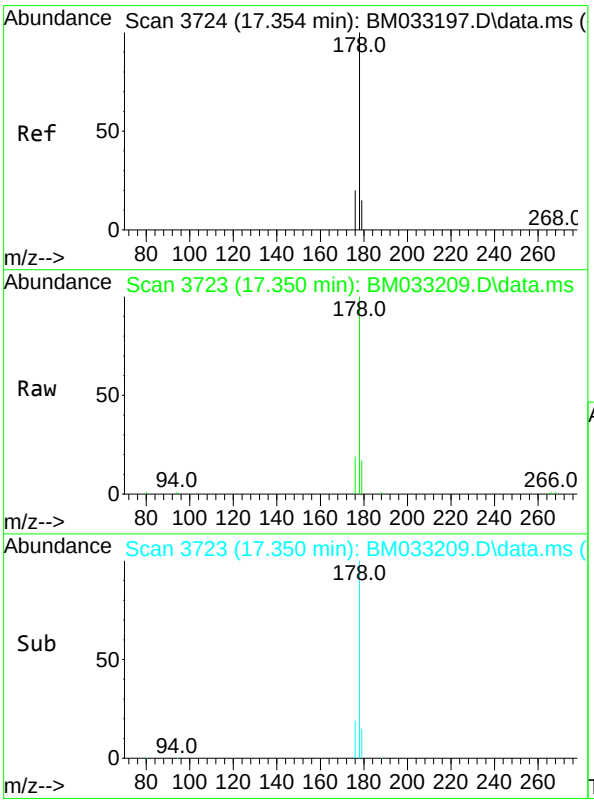
#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.622 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Instrument :
BNA_M
ClientSampleId :
F4L14

Tgt Ion:166 Resp: 4047

Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.8	121.2
167	15.5	11.7	17.5

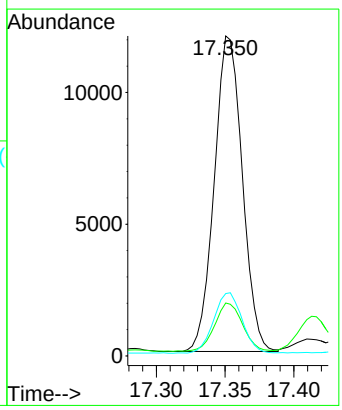


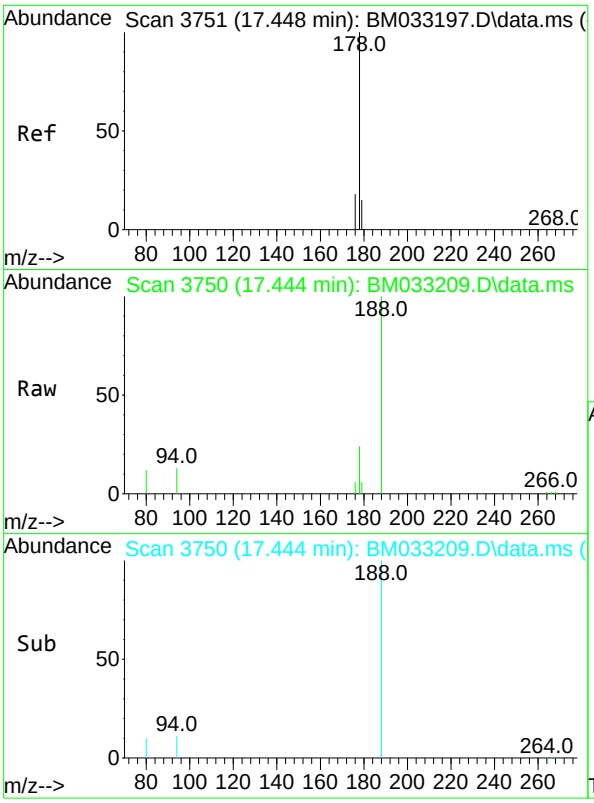


#15
Phenanthrene
Concen: 0.250 ng/ul
RT: 17.350 min Scan# 3723
Delta R.T. -0.008 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Tgt Ion:178 Resp: 16982

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.5	16.0	24.0



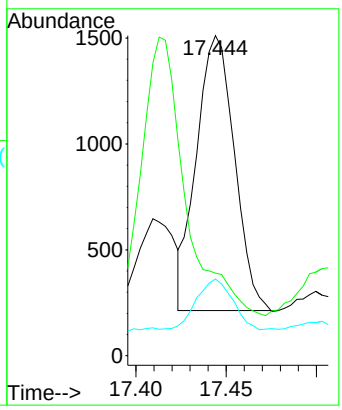


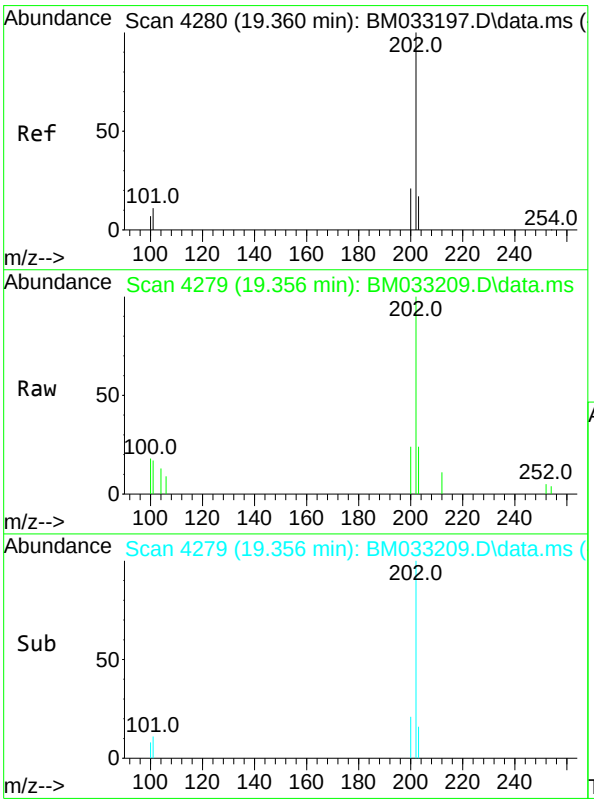
#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.444 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Instrument :
BNA_M
ClientSampleId :
F4L14

Tgt Ion:178 Resp: 1897

Ion	Ratio	Lower	Upper
178	100		
179	25.8	13.0	19.6#
176	24.0	15.6	23.4#





#19
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.356 min Scan# 4279
Delta R.T. -0.005 min
Lab File: BM033209.D
Acq: 20 Nov 2021 11:34

Tgt Ion:202 Resp: 2846

Ion	Ratio	Lower	Upper
202	100		
101	17.0	9.9	14.9#
100	18.0	7.3	10.9#