Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033635.D
Acq On : 04 Jan 2022 20:56
Operator : CG/JU
Sample : M5091-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG3C4

Quant Time: Jan 05 00:26:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 15:58:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.991	152	3544	0.400	ng/ul		0.00
4) Naphthalene-d8	10.806	136	12145	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.625	164	6857	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.361	188	12360	0.400	ng/ul		0.00
17) Chrysene-d12	21.523	240	9220	0.400	ng/ul	#	0.00
23) Perylene-d12	23.953	264	9461	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.327	96	21512	5.698	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.393	152	6469	0.392	ng/ul		0.00
18) Fluoranthene-d10	19.380	212	12705	0.445	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	1206	0.293	ng/ul		94
15) Phenanthrene	17.403	178	2142	0.054	ng/ul	#	91
16) Anthracene	17.493	178	862	0.023	ng/ul	#	76
19) Fluoranthene	19.410	202	1140	0.026	ng/ul	#	63

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

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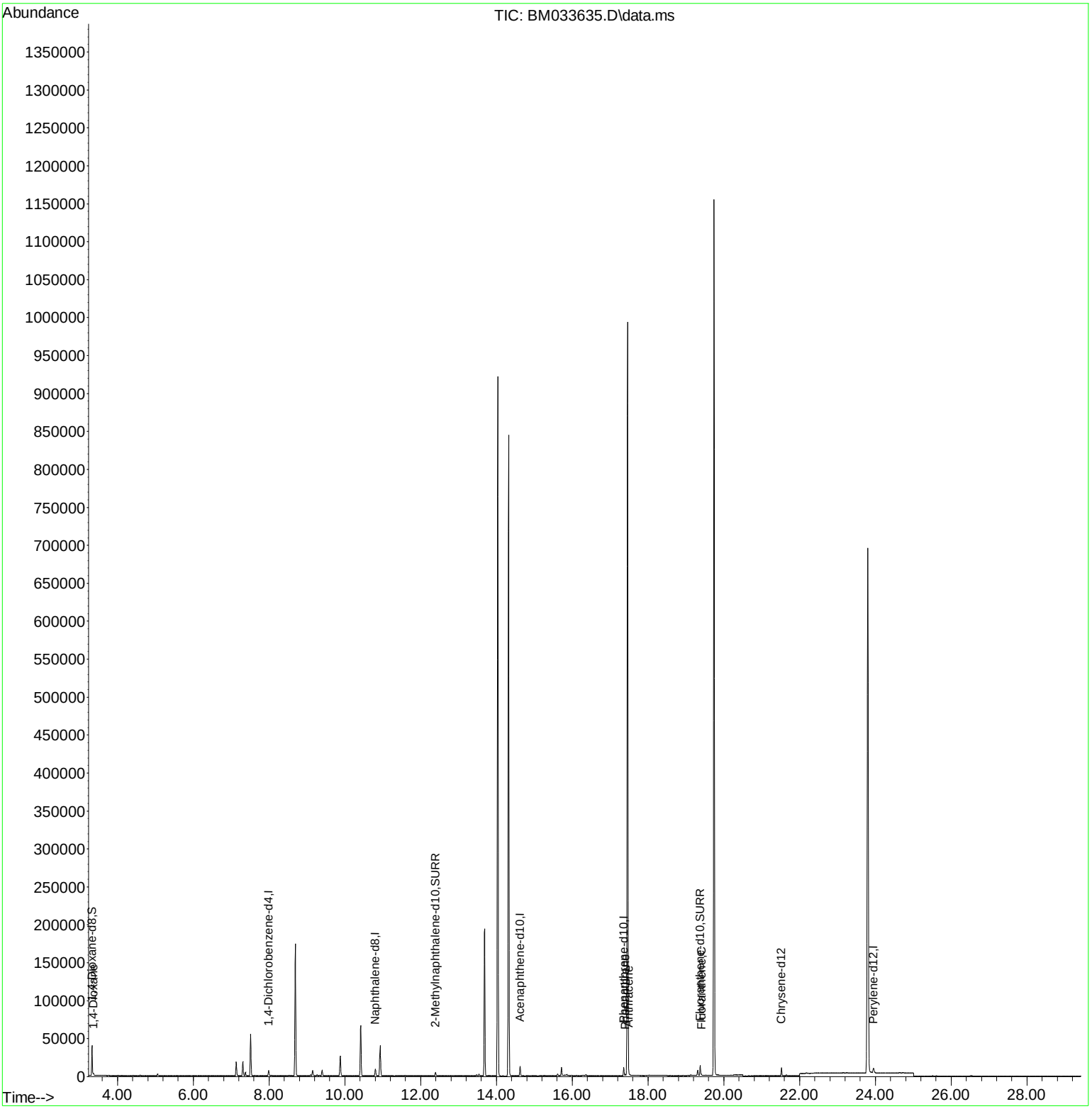
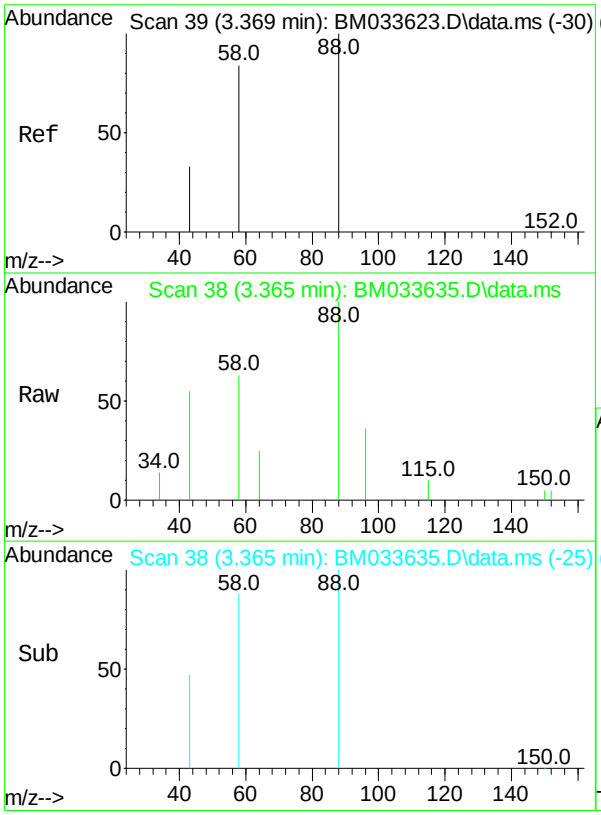


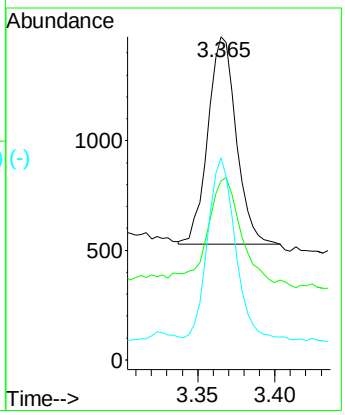


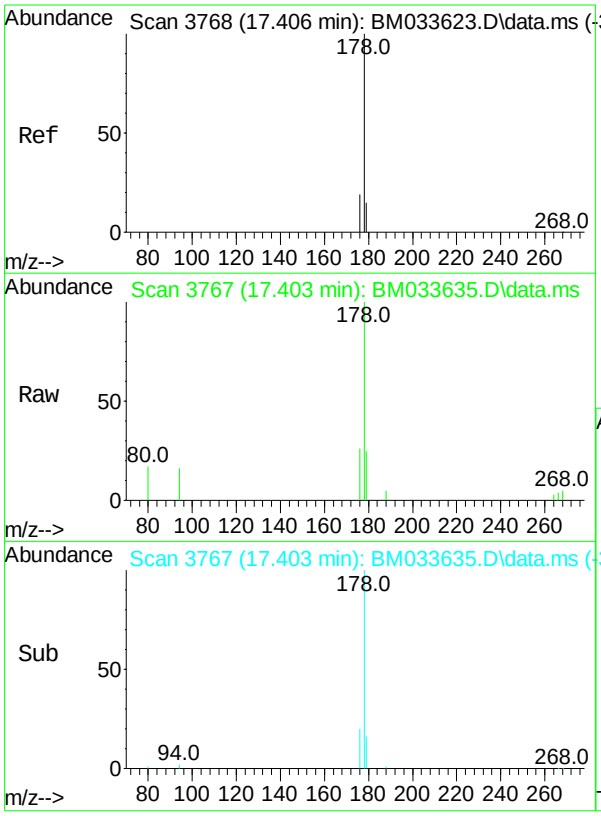
#2
1,4-Dioxane
Concen: 0.293 ng/ul
RT: 3.365 min Scan# 1
Delta R.T. -0.003 min
Lab File: BM033635.D
Acq: 04 Jan 2022 20:56

Instrument :
BNA_M
ClientSampleId :
BG3C4

Tgt Ion: 88 Resp: 1206

Ion	Ratio	Lower	Upper
88	100		
43	55.4	49.7	74.5
58	62.6	52.5	78.7

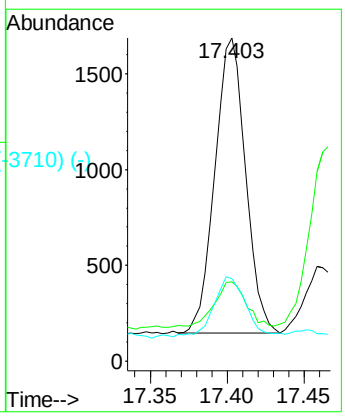


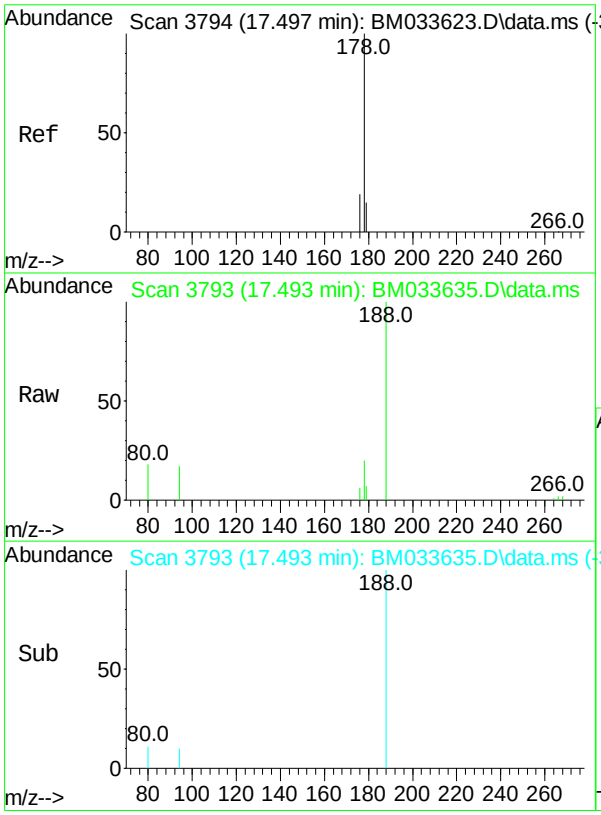


#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.403 min Scan# 3767
Delta R.T. -0.003 min
Lab File: BM033635.D
Acq: 04 Jan 2022 20:56

Tgt Ion:178 Resp: 2142

Ion	Ratio	Lower	Upper
178	100		
179	24.6	15.0	22.6#
176	25.6	17.9	26.9



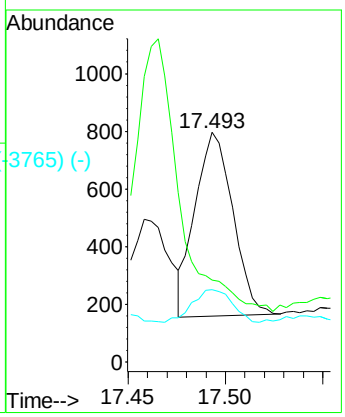


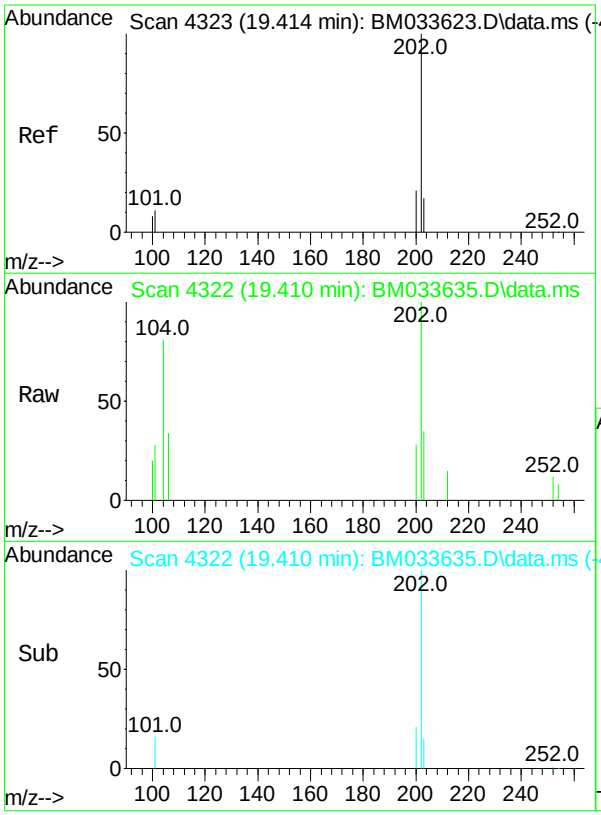
#18
Anthracene
Concen: 0.023 ng/ul
RT: 17.493 min Scan# 1
Delta R.T. -0.003 min
Lab File: BM033635.D
Acq: 04 Jan 2022 20:56

Instrument :
BNA_M
ClientSampleId :
BG3C4

Tgt Ion:178 Resp: 862

Ion	Ratio	Lower	Upper
178	100		
179	35.6	16.5	24.7#
176	31.4	18.3	27.5#





#19
Fluoranthene
Concen: 0.026 ng/ul
RT: 19.410 min Scan# 4322
Delta R.T. -0.004 min
Lab File: BM033635.D
Acq: 04 Jan 2022 20:56

Tgt Ion:202 Resp: 1140

Ion	Ratio	Lower	Upper
202	100		
101	27.9	9.2	13.8#
100	19.8	7.2	10.8#