Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032950.D
Acq On : 10 Nov 2021 13:40
Operator : CG/JU
Sample : M4400-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG332

Quant Time: Nov 10 14:37:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 13:31:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.462	152	1928	0.400	ng/ul		0.00
4) Naphthalene-d8	10.239	136	7112	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.121	164	4348	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	16.862	188	9202	0.400	ng/ul		0.00
17) Chrysene-d12	21.052	240	7653	0.400	ng/ul		0.00
23) Perylene-d12	23.159	264	7435	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.860	96	12098	4.914	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.840	152	3026	0.300	ng/ul		0.00
18) Fluoranthene-d10	18.892	212	9218	0.397	ng/ul		0.00
Target Compounds							Qvalue
14) Pentachlorophenol	16.543	266	77	0.032	ng/ul		93
15) Phenanthrene	16.904	178	1011	0.033	ng/ul	#	82
19) Fluoranthene	18.923	202	838	0.023	ng/ul	#	67
20) Pyrene	19.285	202	829	0.022	ng/ul	#	56

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

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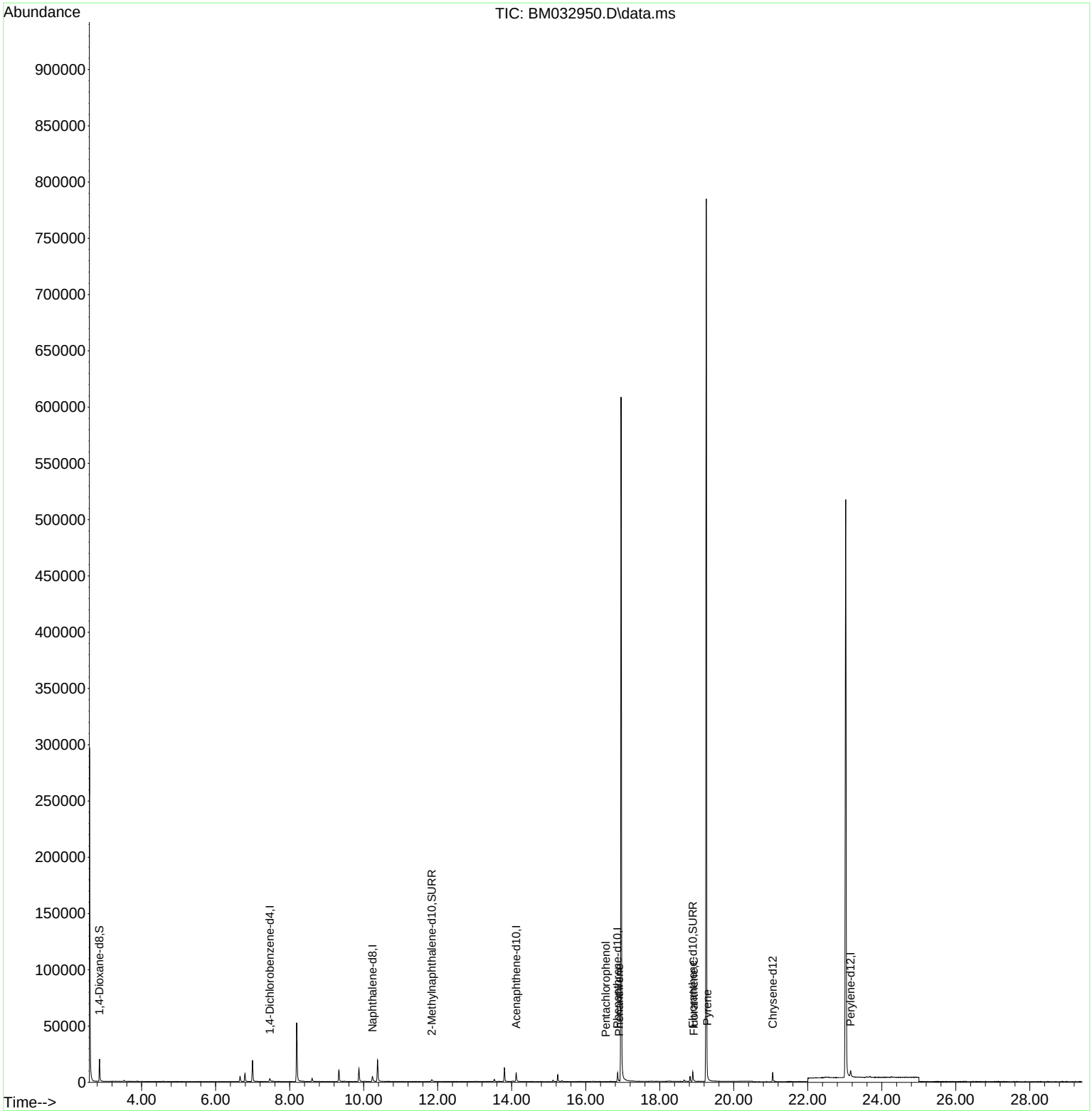
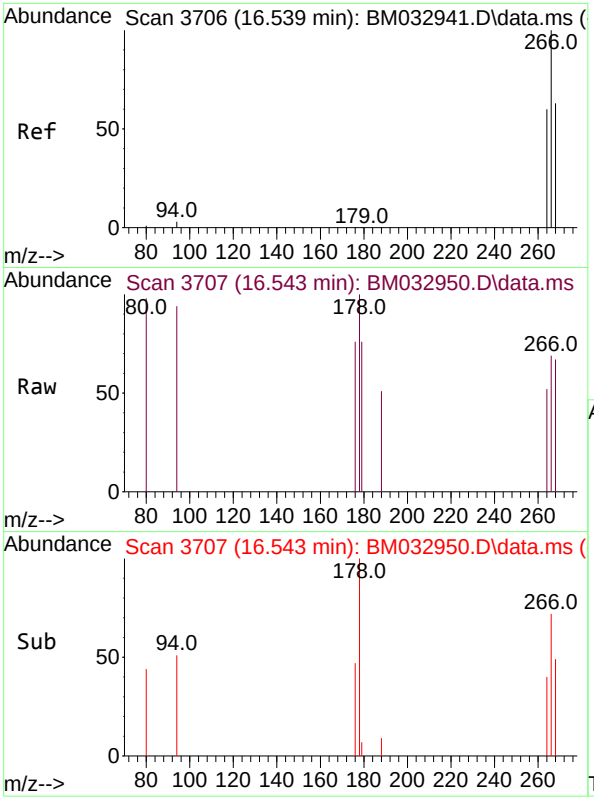


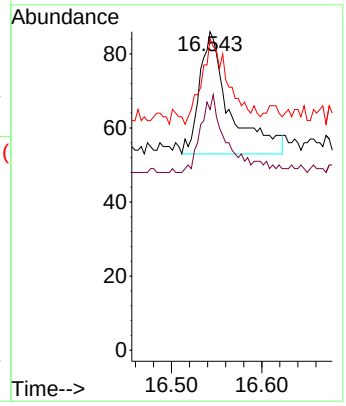


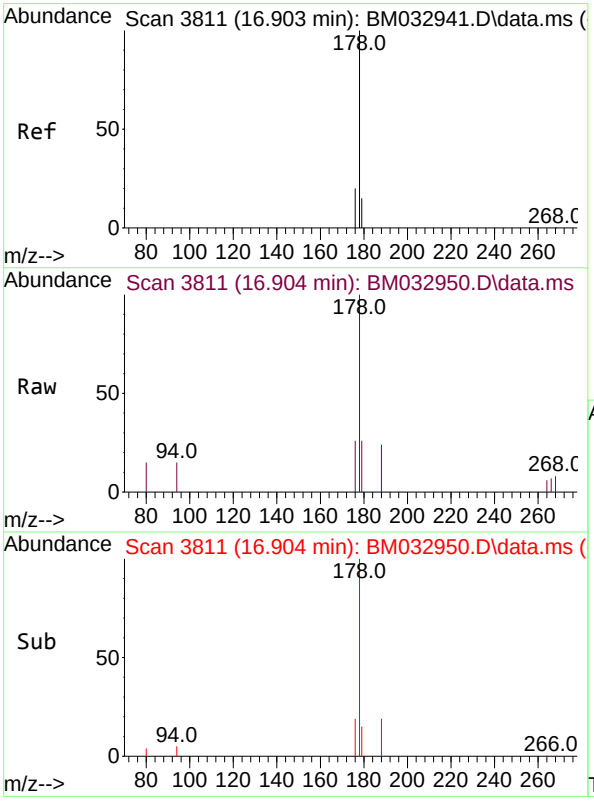
#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.543 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM032950.D
Acq: 10 Nov 2021 13:40

Instrument :
BNA_M
ClientSampleId :
BG332

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
264	55.8	51.2	76.8
268	63.6	52.9	79.3

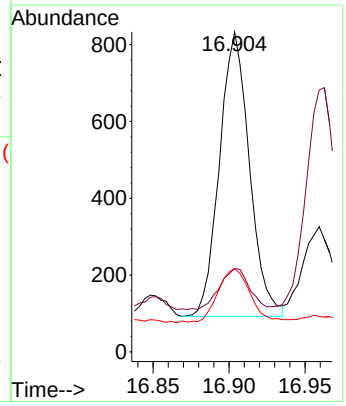


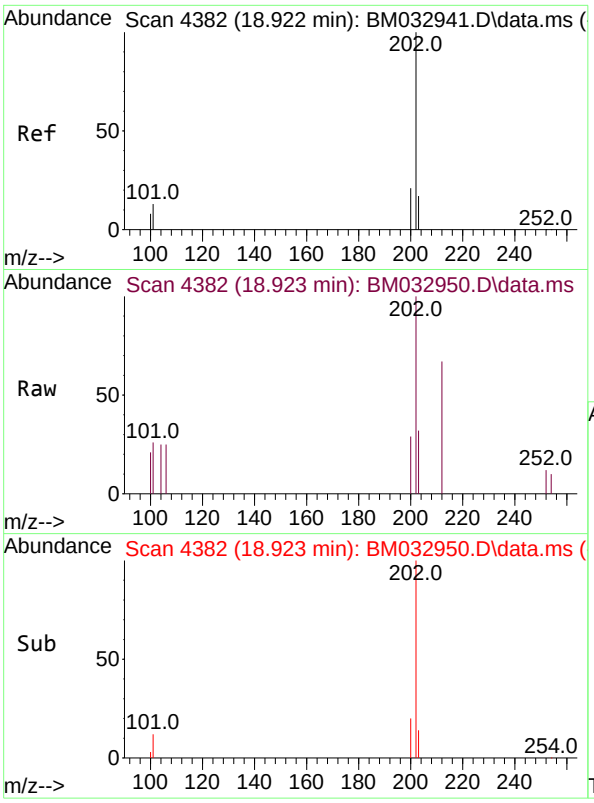


#15
Phenanthrene
Concen: 0.033 ng/ul
RT: 16.904 min Scan# 3811
Delta R.T. -0.004 min
Lab File: BM032950.D
Acq: 10 Nov 2021 13:40

Tgt Ion:178 Resp: 1011

Ion	Ratio	Lower	Upper
178	100		
179	26.1	12.9	19.3#
176	26.1	16.0	24.0#



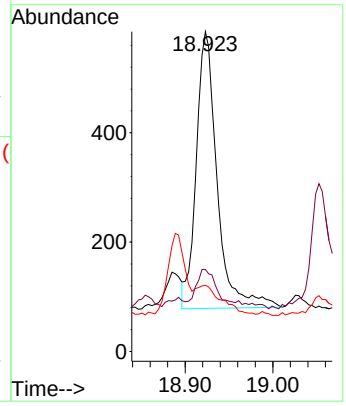


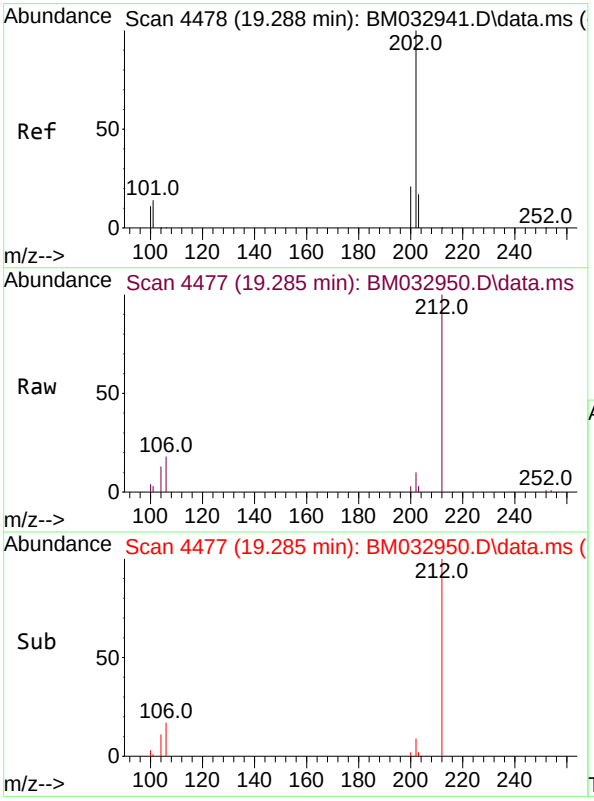
#19
Fluoranthene
Concen: 0.023 ng/ul
RT: 18.923 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM032950.D
Acq: 10 Nov 2021 13:40

Instrument :
BNA_M
ClientSampleId :
BG332

Tgt Ion:202 Resp: 838

Ion	Ratio	Lower	Upper
202	100		
101	25.6	9.9	14.9#
100	20.7	7.3	10.9#





#20
Pyrene
Concen: 0.022 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.005 min
Lab File: BM032950.D
Acq: 10 Nov 2021 13:40

Tgt Ion:202 Resp: 829

Ion	Ratio	Lower	Upper
202	100		
101	27.3	11.8	17.6#
100	35.9	9.5	14.3#