Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041556.D
Acq On : 29 Aug 2023 12:46
Operator : MA/JU
Sample : 04123-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9Q5

Quant Time: Aug 29 23:48:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	31425	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	15510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	25211	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.685	240	9212	0.400	ng/ul	# 0.00
23) Perylene-d12	24.251	264	11482	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	83702	5.478	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	12621	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	17190	0.456	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.482	88	5624	0.355	ng/ul	94
5) Naphthalene	10.972	128	2170	0.022	ng/ul#	1
12) Fluorene	15.739	166	5350	0.069	ng/ul#	20
20) Pyrene	19.919	202	7581	0.088	ng/ul#	89
26) Benzo(a)pyrene	24.085	252	8921	0.135	ng/ul#	60

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

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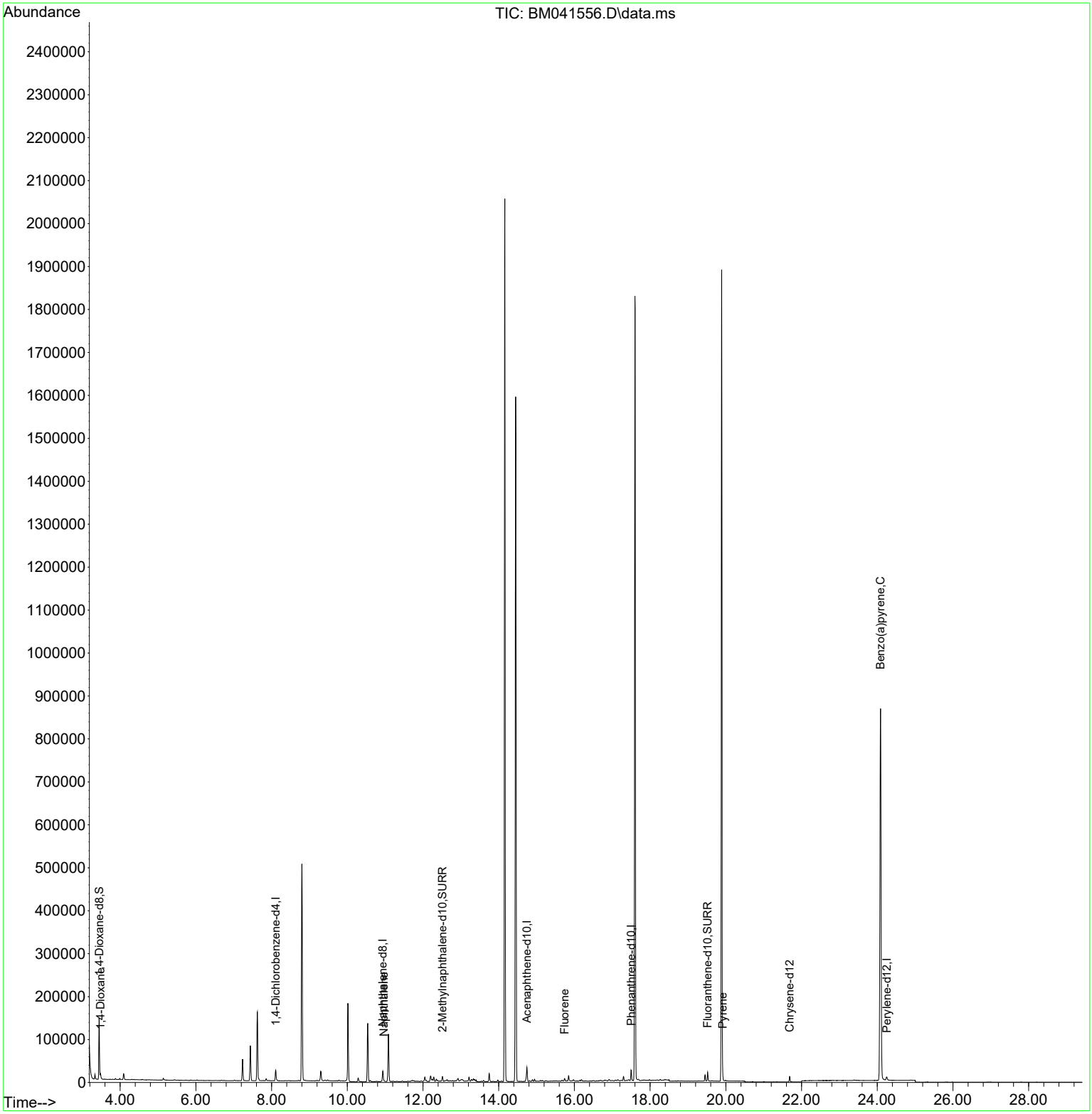
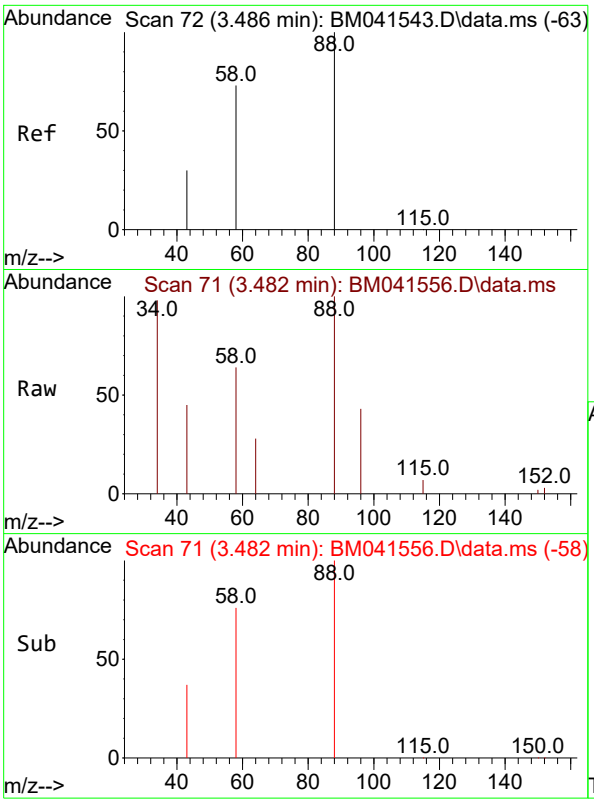


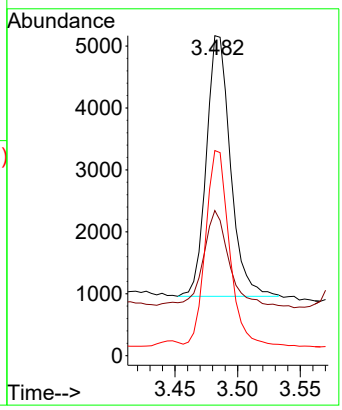


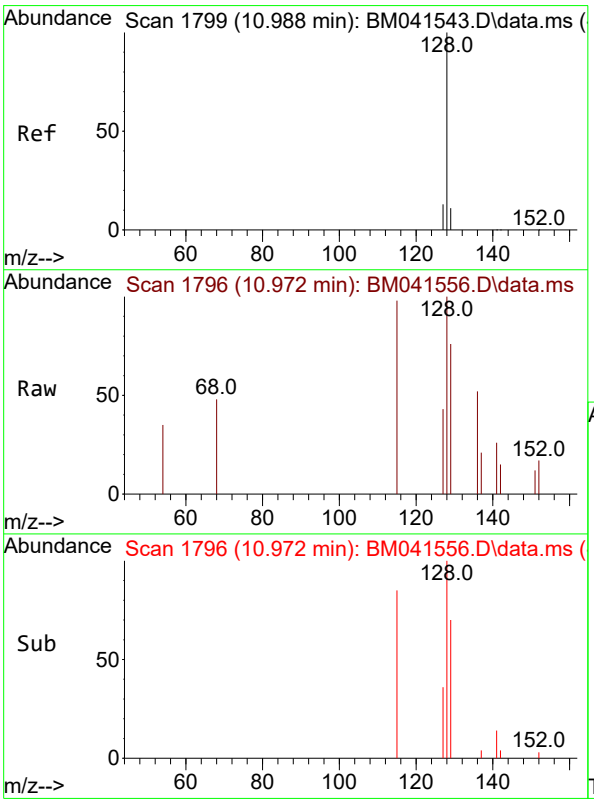
#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.482 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM041556.D
Acq: 29 Aug 2023 12:46

Instrument :
BNA_M
ClientSampleId :
BH9Q5

Tgt Ion: 88 Resp: 5624

Ion	Ratio	Lower	Upper
88	100		
43	45.4	30.6	46.0
58	64.1	49.3	73.9

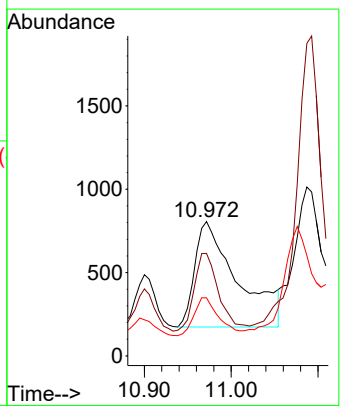


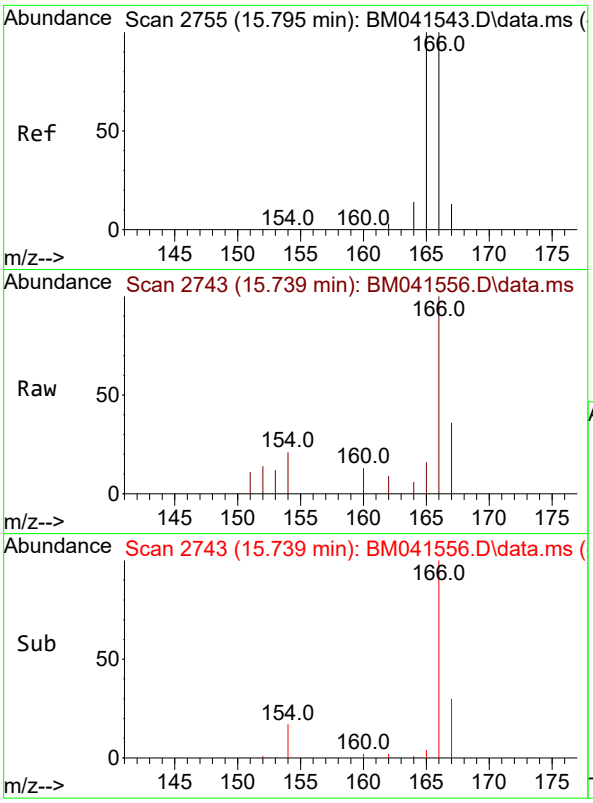


#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.972 min Scan# 1796
Delta R.T. -0.022 min
Lab File: BM041556.D
Acq: 29 Aug 2023 12:46

Tgt Ion:128 Resp: 2170

Ion	Ratio	Lower	Upper
128	100		
129	76.3	8.9	13.3#
127	43.2	10.6	15.8#



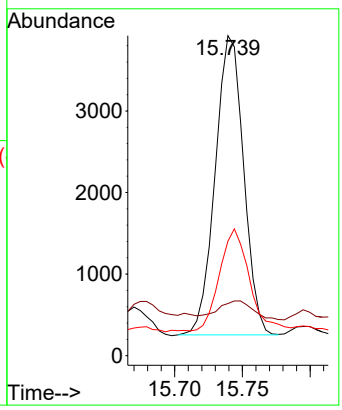


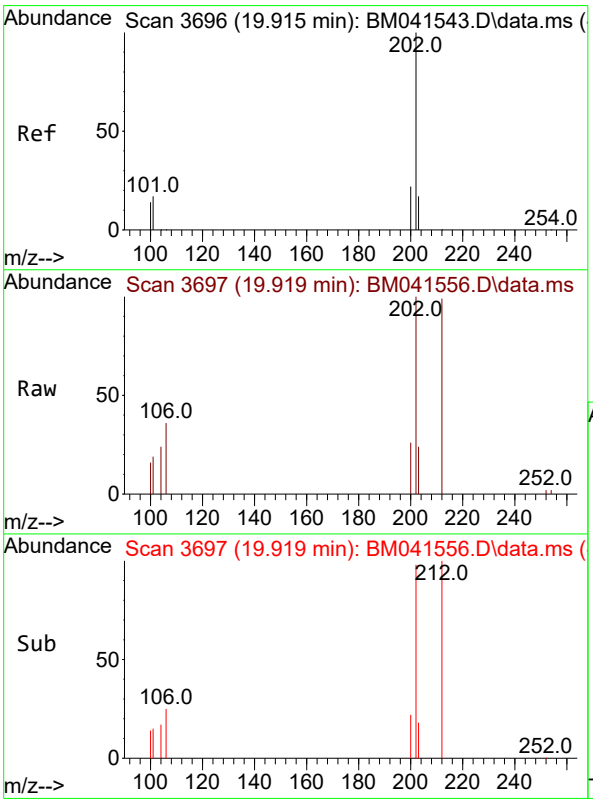
#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.739 min Scan# 2
Delta R.T. -0.060 min
Lab File: BM041556.D
Acq: 29 Aug 2023 12:46

Instrument :
BNA_M
ClientSampleId :
BH9Q5

Tgt Ion:166 Resp: 5350

Ion	Ratio	Lower	Upper
166	100		
165	16.3	79.2	118.8#
167	35.8	10.8	16.2#

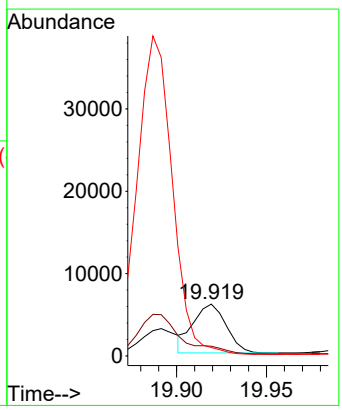


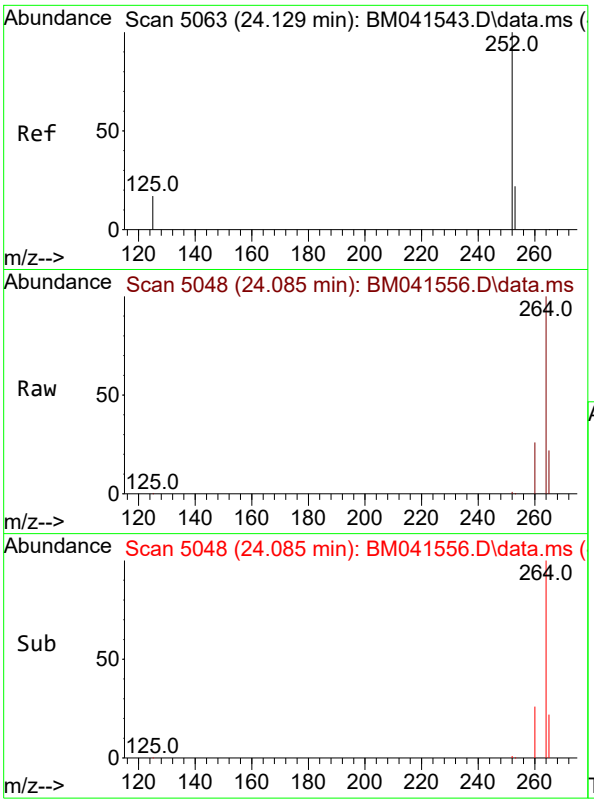


#20
Pyrene
Concen: 0.088 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041556.D
Acq: 29 Aug 2023 12:46

Tgt Ion:202 Resp: 7581

Ion	Ratio	Lower	Upper
202	100		
101	18.7	11.6	17.4#
100	16.2	9.1	13.7#





#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 24.085 min Scan# 5
Delta R.T. -0.058 min
Lab File: BM041556.D
Acq: 29 Aug 2023 12:46

Instrument :
BNA_M
ClientSampleId :
BH9Q5

Tgt Ion:252 Resp: 8921

Ion	Ratio	Lower	Upper
252	100		
253	38.8	20.0	30.0#
125	46.9	17.1	25.7#