Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035729.D
Acq On : 28 Jun 2022 18:10
Operator : CG/JU
Sample : N3401-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE3

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 04:27:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 04:24:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2441	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.578	136	7731	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.422	164	4106	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.170	188	7759m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.380	240	6461	0.400	ng/ul	# 0.00
23) Perylene-d12	23.692	264	8069	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	14444	4.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	3506	0.290	ng/ul	0.02
18) Fluoranthene-d10	19.205	212	7366	0.338	ng/ul	0.00
Target Compounds						Qvalue
21) Benzo(a)anthracene	21.377	228	690	0.031	ng/ul#	22
22) Chrysene	21.424	228	1038	0.036	ng/ul#	42
24) Benzo(b)fluoranthene	22.987	252	1435	0.041	ng/ul#	1
25) Benzo(k)fluoranthene	23.034	252	1292	0.037	ng/ul#	1

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

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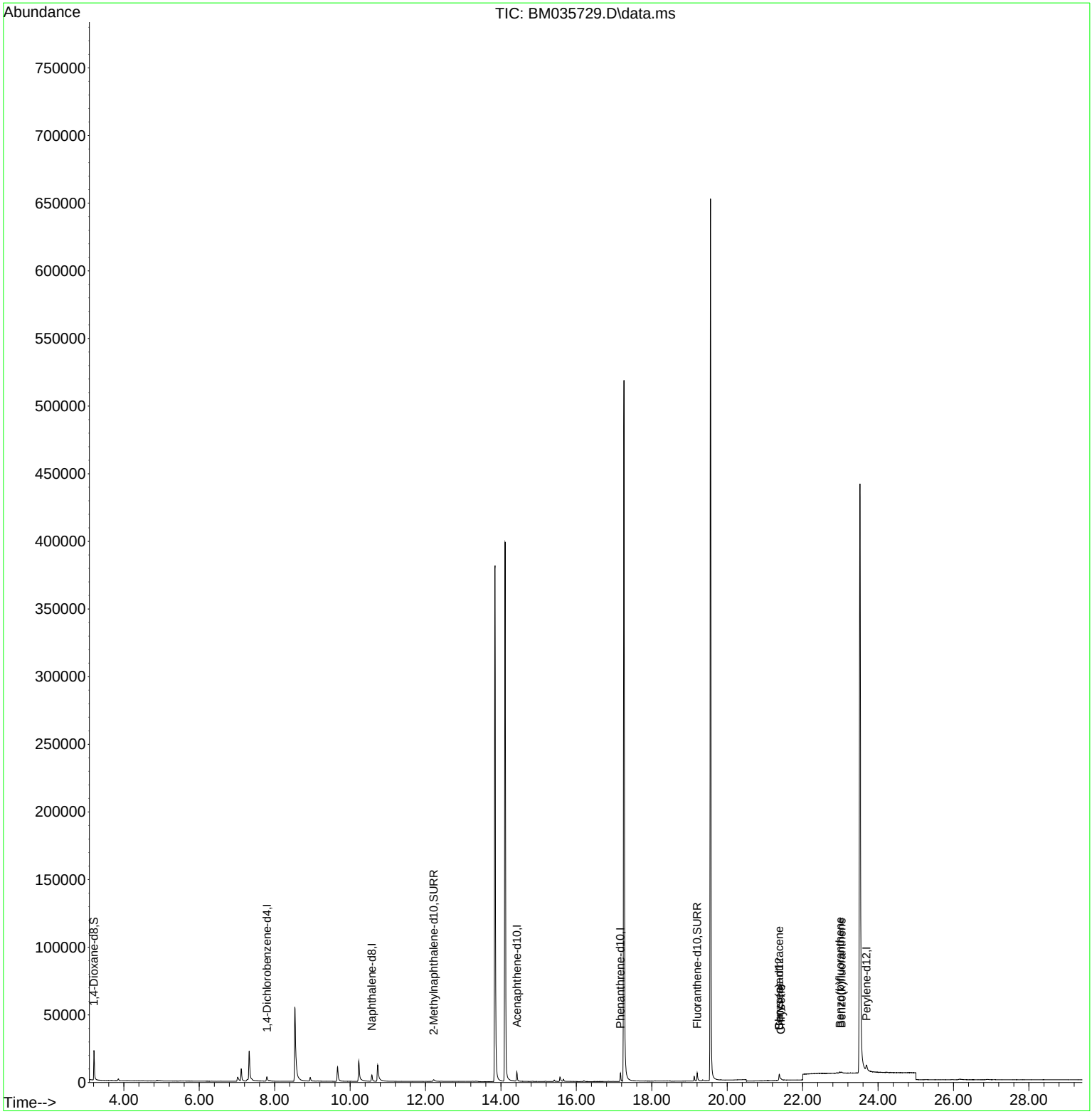
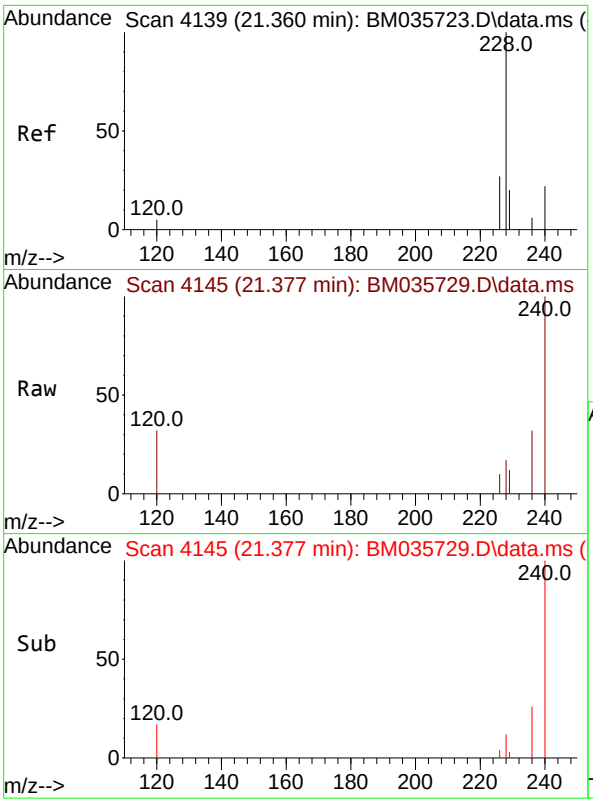
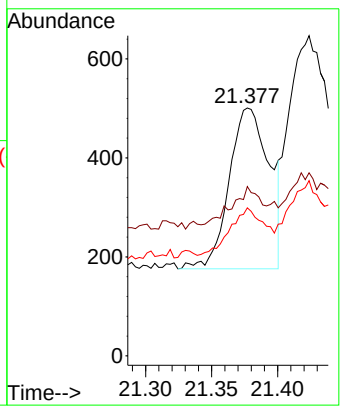




#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.377 min Scan# 4
Delta R.T. 0.017 min
Lab File: BM035729.D
Acq: 28 Jun 2022 18:10

Tgt Ion:228 Resp: 69

Ion	Ratio	Lower	Upper
228	100		
229	68.3	16.2	24.2#
226	59.7	22.5	33.7#



Instrument :
BNA_M
ClientSampleId :
C0AE3

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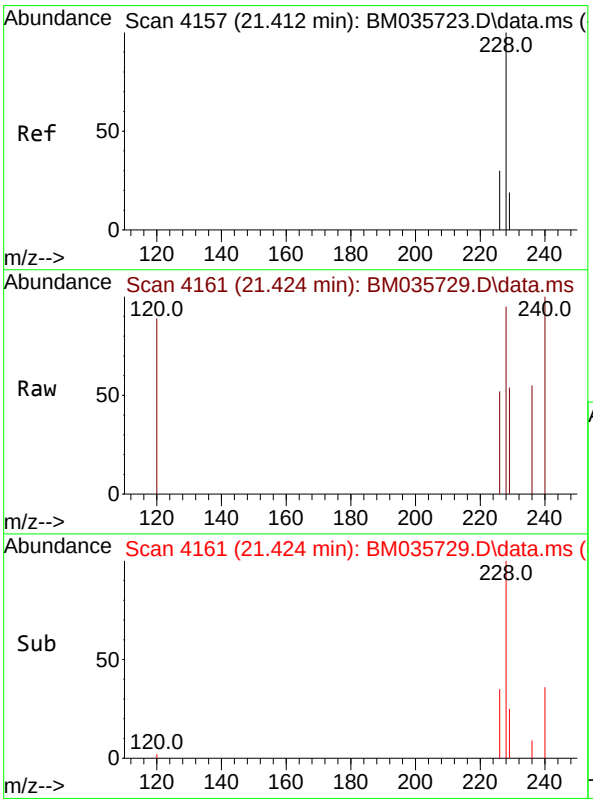
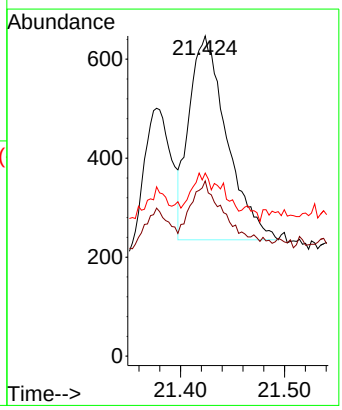
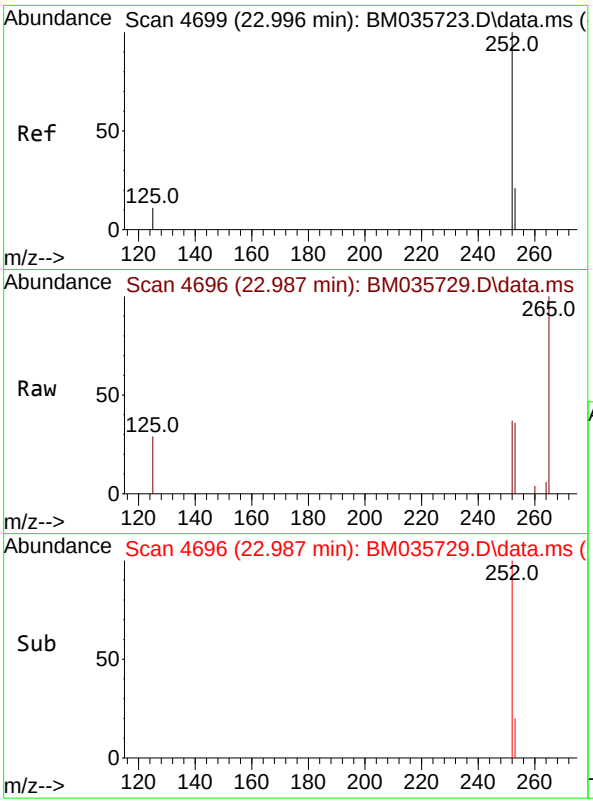


#22
Chrysene
Concen: 0.036 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.012 min
Lab File: BM035729.D
Acq: 28 Jun 2022 18:10

Tgt Ion:228 Resp: 1038

Ion	Ratio	Lower	Upper
228	100		
226	54.7	24.6	37.0#
229	57.2	16.4	24.6#





#24
Benzo(b)fluoranthene
Concen: 0.041 ng/ul
RT: 22.987 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM035729.D
Acq: 28 Jun 2022 18:10

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	96.5	0.0	61.4#
125	76.6	0.0	42.6#

Instrument :
BNA_M
ClientSampleId :
C0AE3

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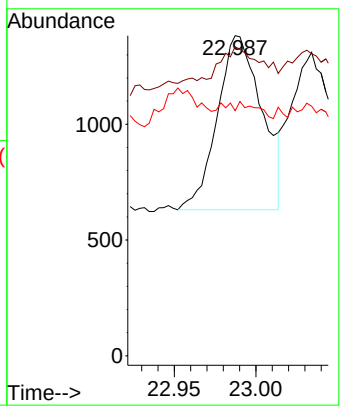

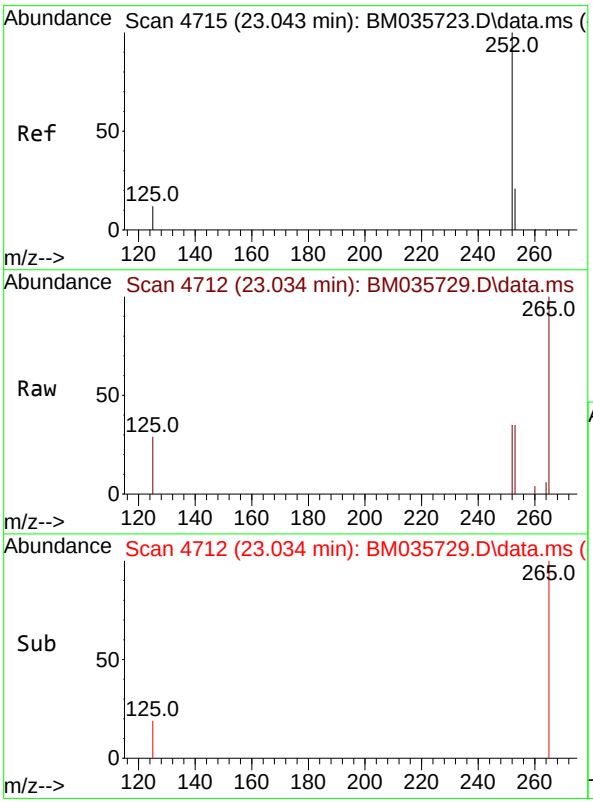

#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.009 min
Lab File: BM035729.D
Acq: 28 Jun 2022 18:10

Tgt Ion:252 Resp: 1292

Ion	Ratio	Lower	Upper
252	100		
253	99.5	25.2	37.8#
125	82.2	18.3	27.5#