Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036181.D
Acq On : 31 Jan 2025 23:04
Operator : RC/JU
Sample : Q1224-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A6320

Quant Time: Feb 03 08:52:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	3018	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	7677	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4919	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.183	188	10974	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	10978	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	11392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	13374	4.047	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.183	152	2646	0.273	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	6197	0.205	ng/ul	0.00
Target Compounds						Qvalue
19) Fluoranthene	19.243	202	1548	0.037	ng/ul#	79
20) Pyrene	19.605	202	1365	0.031	ng/ul#	75
22) Chrysene	21.403	228	927	0.023	ng/ul#	62
24) Benzo(b)fluoranthene	22.979	252	1865	0.049	ng/ul#	1
25) Benzo(k)fluoranthene	22.979	252	1865	0.047	ng/ul#	1

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

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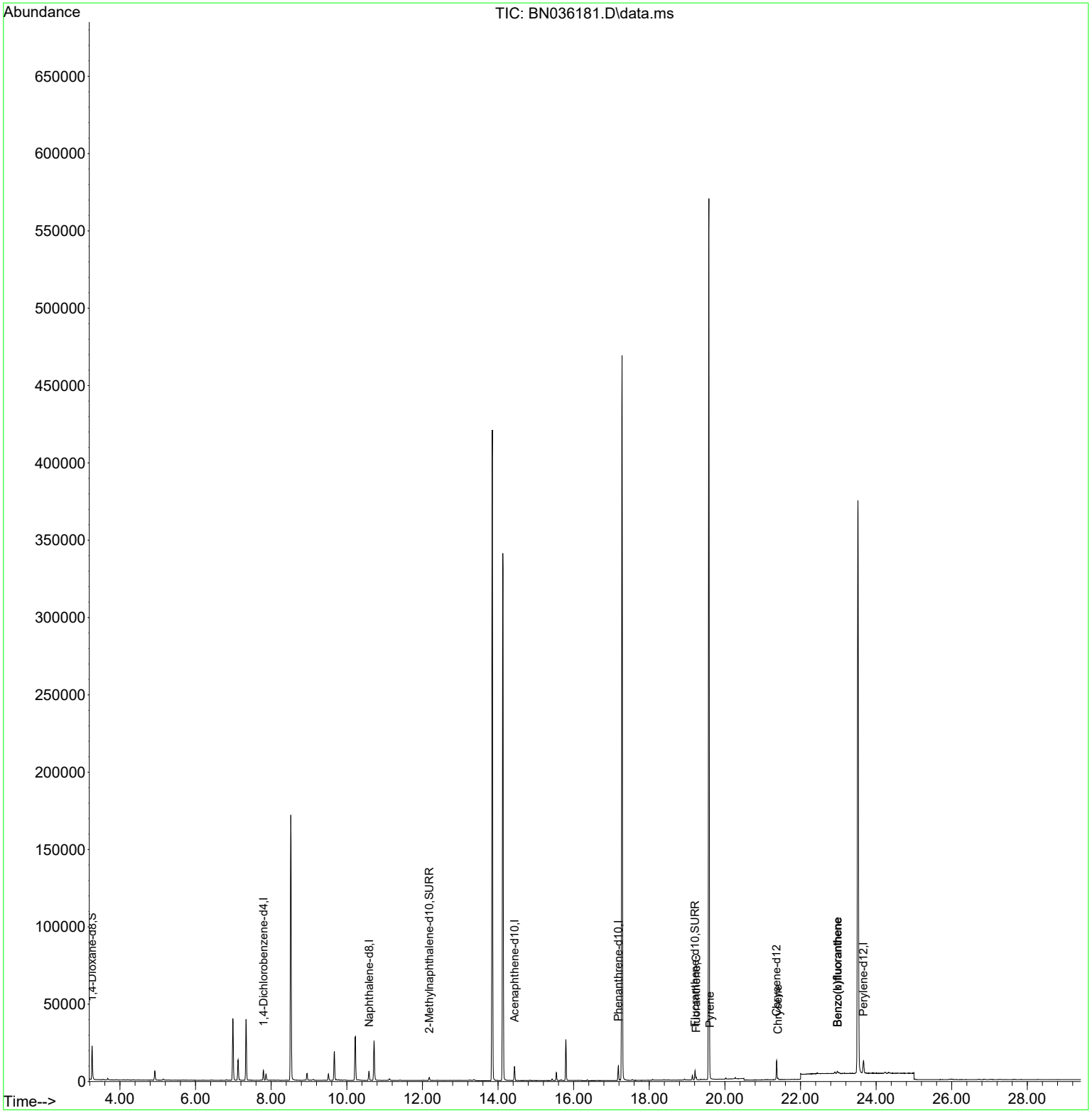
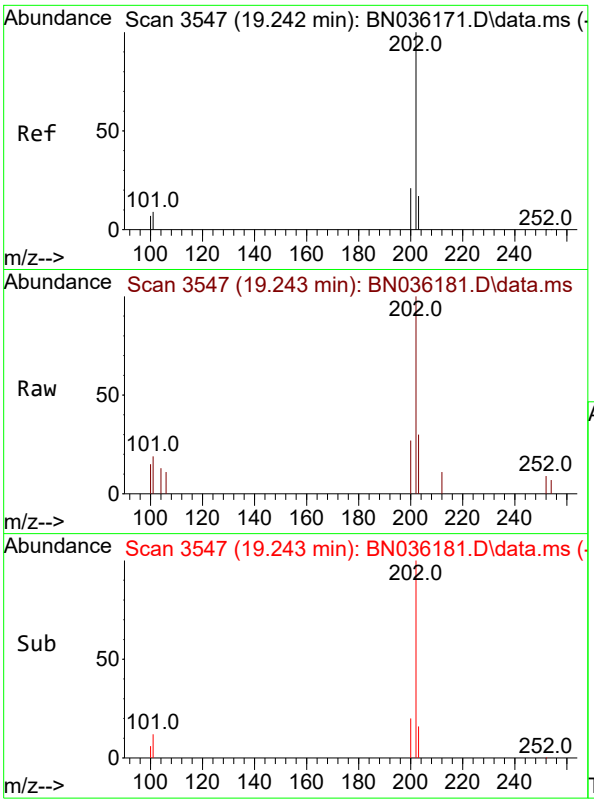


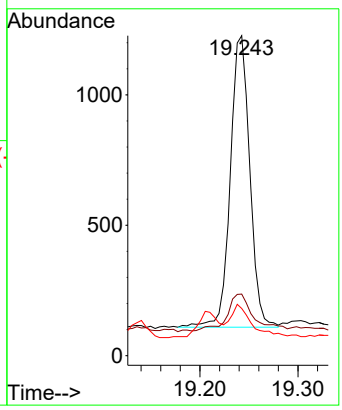


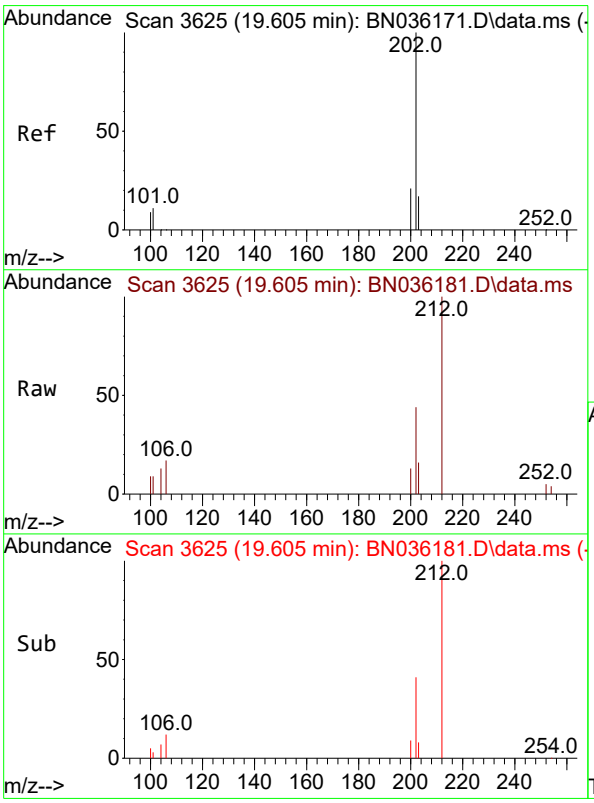
#19
Fluoranthene
Concen: 0.037 ng/ul
RT: 19.243 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN036181.D
Acq: 31 Jan 2025 23:04

Instrument :
BNA_P
ClientSampleId :
A6320

Tgt Ion:202 Resp: 1548

Ion	Ratio	Lower	Upper
202	100		
101	19.2	8.4	12.6#
100	14.8	6.5	9.7#

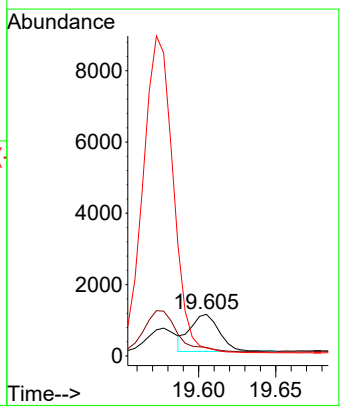


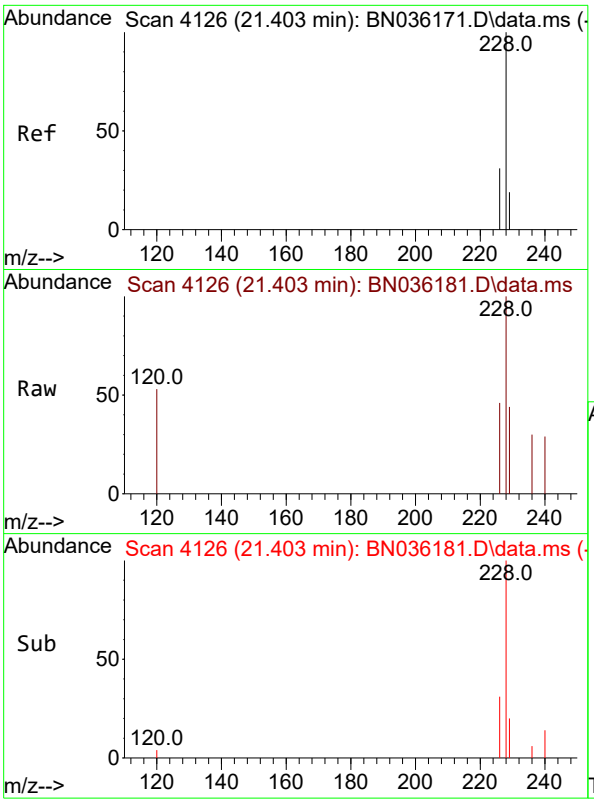


#20
Pyrene
Concen: 0.031 ng/ul
RT: 19.605 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BN036181.D
Acq: 31 Jan 2025 23:04

Tgt Ion:202 Resp: 1365

Ion	Ratio	Lower	Upper
202	100		
101	20.6	9.3	13.9#
100	19.4	7.5	11.3#



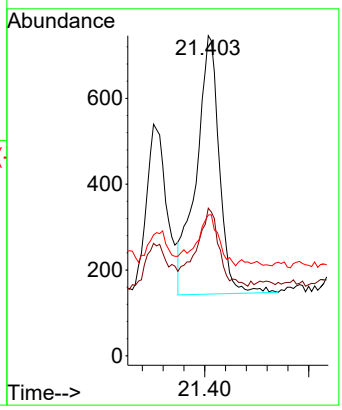


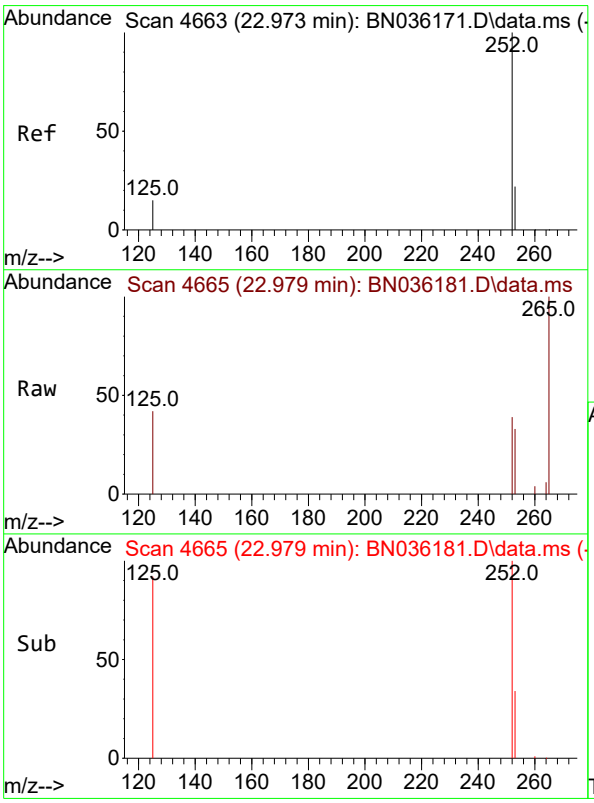
#22
Chrysene
Concen: 0.023 ng/ul
RT: 21.403 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN036181.D
Acq: 31 Jan 2025 23:04

Instrument :
BNA_P
ClientSampleId :
A6320

Tgt Ion:228 Resp: 927

Ion	Ratio	Lower	Upper
228	100		
226	46.1	24.4	36.6#
229	44.0	15.9	23.9#

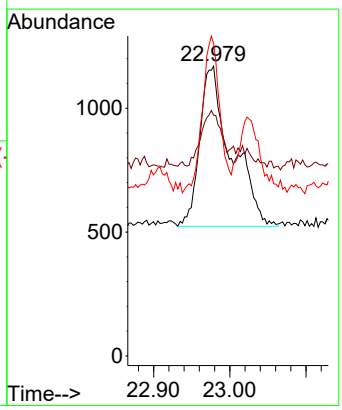


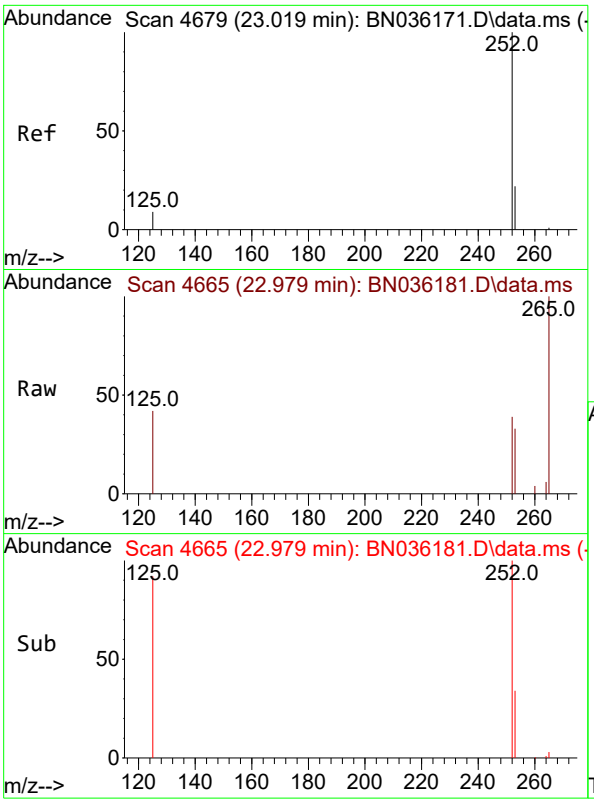


#24
Benzo(b)fluoranthene
Concen: 0.049 ng/ul
RT: 22.979 min Scan# 4665
Delta R.T. 0.006 min
Lab File: BN036181.D
Acq: 31 Jan 2025 23:04

Tgt Ion:252 Resp: 1865

Ion	Ratio	Lower	Upper
252	100		
253	83.1	0.0	51.2#
125	107.9	0.0	27.8#





#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul
RT: 22.979 min Scan# 4
Delta R.T. -0.041 min
Lab File: BN036181.D
Acq: 31 Jan 2025 23:04

Instrument :
BNA_P
ClientSampleId :
A6320

Tgt Ion:252 Resp: 1865

Ion	Ratio	Lower	Upper
252	100		
253	83.1	20.2	30.4#
125	107.9	10.6	16.0#