Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
Data File : BN027389.D
Acq On : 05 Sep 2023 23:39
Operator : MA/JU
Sample : 04123-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 06 00:43:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH964

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	8898	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.689	164	1687	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	1230	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.612	240	680	0.400	ng/ul	# 0.00
23) Perylene-d12	24.111	264	6025m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	32538	6.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	8005	0.593	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	23145	9.934	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.477	178	827	0.206	ng/ul#	71
19) Fluoranthene	19.483	202	1403	0.449	ng/ul#	85
21) Benzo(a)anthracene	21.595	228	631	0.258	ng/ul#	72
22) Chrysene	21.647	228	604	0.211	ng/ul#	73

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

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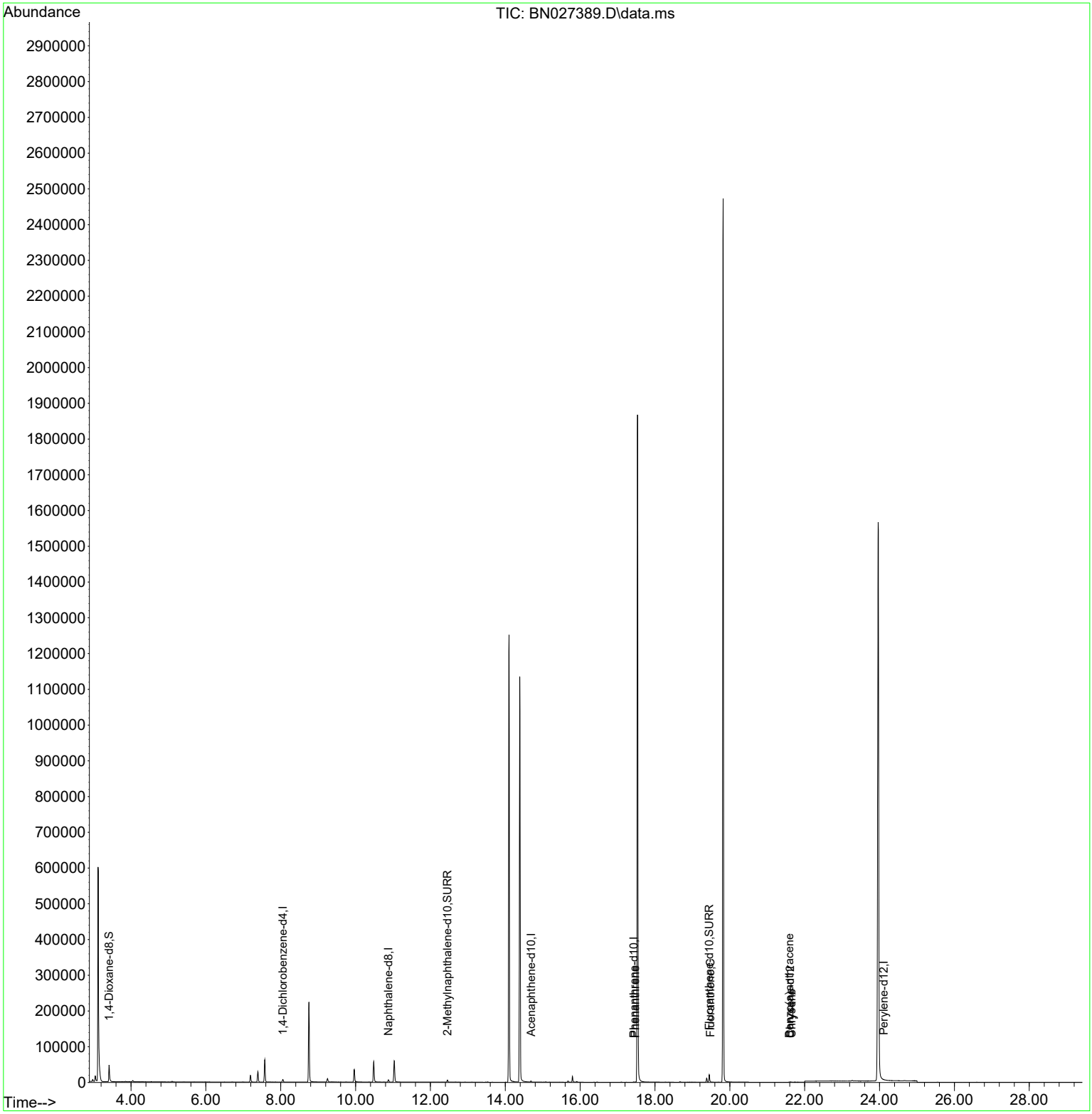
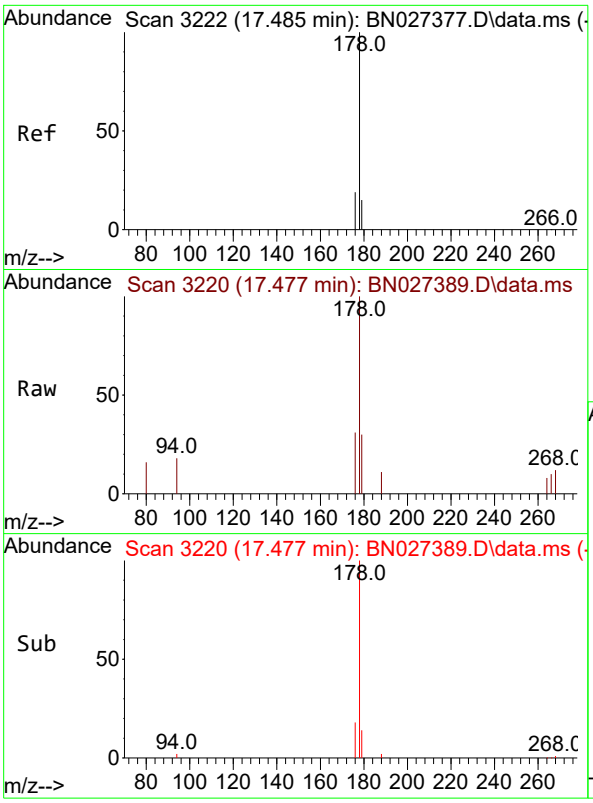
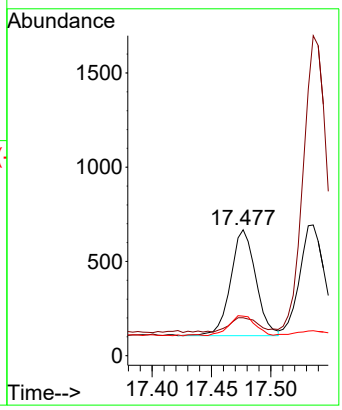




#15
Phenanthrene
Concen: 0.206 ng/ul
RT: 17.477 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN027389.D
Acq: 05 Sep 2023 23:39

Tgt Ion:178 Resp: 82

Ion	Ratio	Lower	Upper
178	100		
179	30.1	12.6	19.0#
176	31.4	15.8	23.8#



Instrument :
BNA_N
ClientSampleId :
BH964

Manual Integrations
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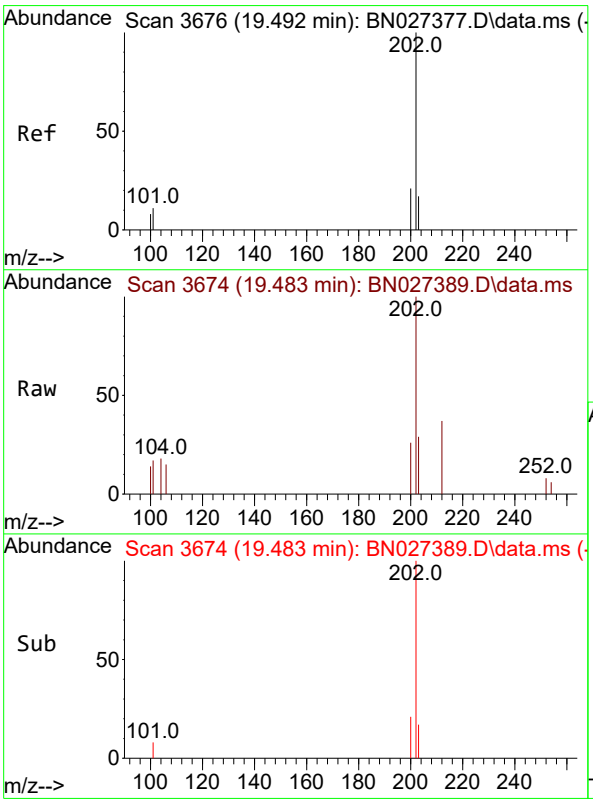
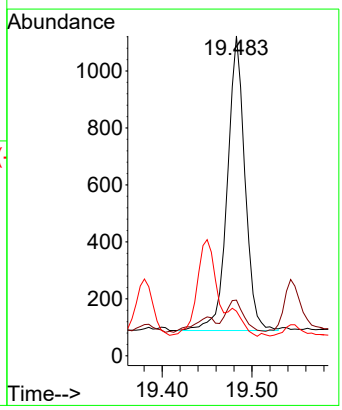
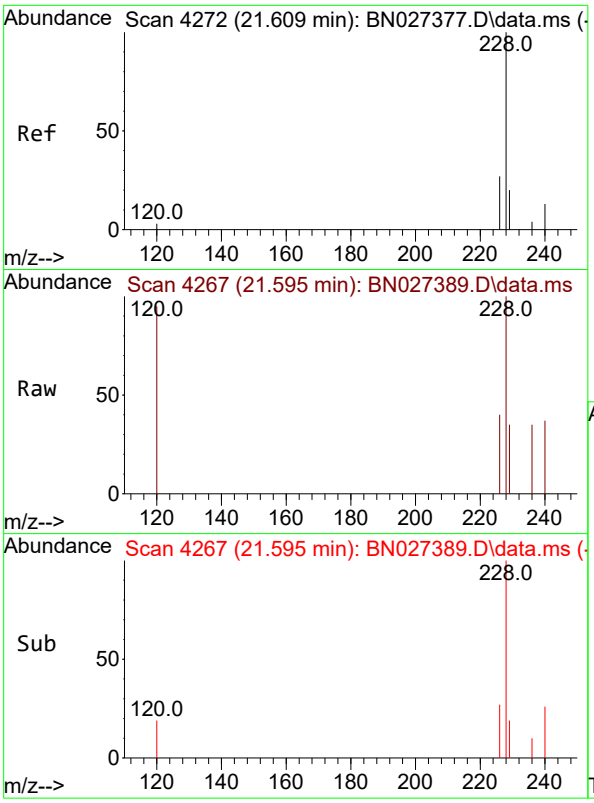


#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.483 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BN027389.D
Acq: 05 Sep 2023 23:39

Tgt Ion:202 Resp: 1403

Ion	Ratio	Lower	Upper
202	100		
101	17.5	9.4	14.0#
100	14.0	6.9	10.3#

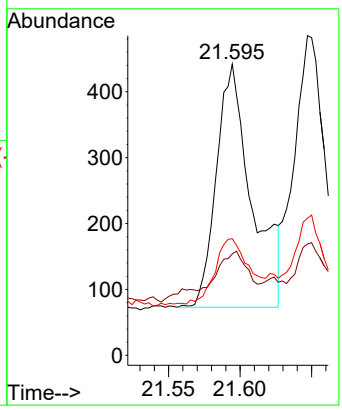




#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.595 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027389.D
Acq: 05 Sep 2023 23:39

Tgt Ion:228 Resp: 63

Ion	Ratio	Lower	Upper
228	100		
229	34.8	15.7	23.5#
226	40.0	22.0	33.0#



Instrument :
BNA_N
ClientSampleId :
BH964

Manual Integrations
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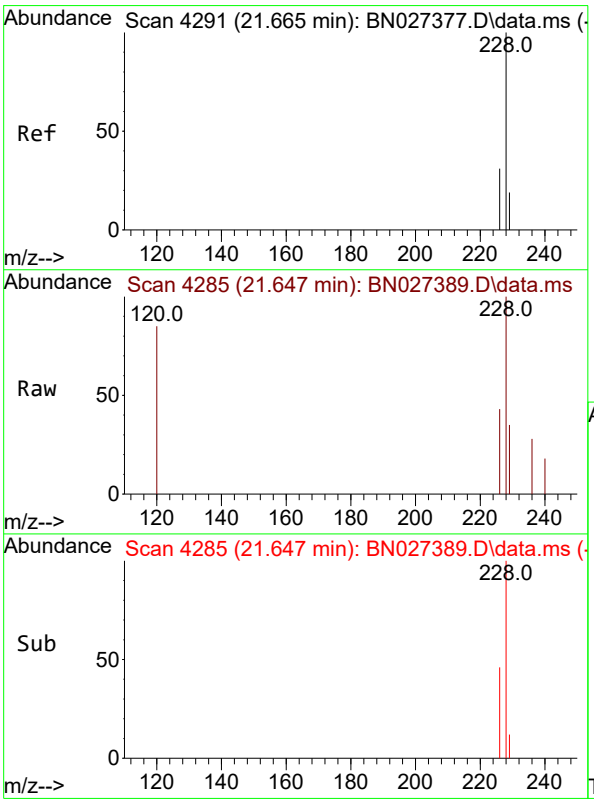

#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.647 min Scan# 4285
Delta R.T. 0.000 min
Lab File: BN027389.D
Acq: 05 Sep 2023 23:39

Tgt Ion:228 Resp: 604

Ion	Ratio	Lower	Upper
228	100		
226	42.9	24.4	36.6#
229	34.8	15.6	23.4#