Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
Data File : BN020276.D
Acq On : 20 Jun 2022 13:40
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

Quant Time: Jun 21 02:37:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:13:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	895	0.400	ng/ul		0.00
4) Naphthalene-d8	10.579	136	3580	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.419	164	3884	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.162	188	7699	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.355	240	10527	0.400	ng/ul	#	0.00
23) Perylene-d12	23.667	264	12209	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.256	96	4192	4.102	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.174	152	2001	0.338	ng/ul		0.00
18) Fluoranthene-d10	19.192	212	8749	0.403	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	981	0.997	ng/ul	#	28
5) Naphthalene	10.628	128	477	0.042	ng/ul	#	13
7) 2-Methylnaphthalene	12.245	142	269	0.036	ng/ul		86
8) 1-Methylnaphthalene	12.465	142	294	0.040	ng/ul		91
15) Phenanthrene	17.200	178	684	0.025	ng/ul	#	1

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

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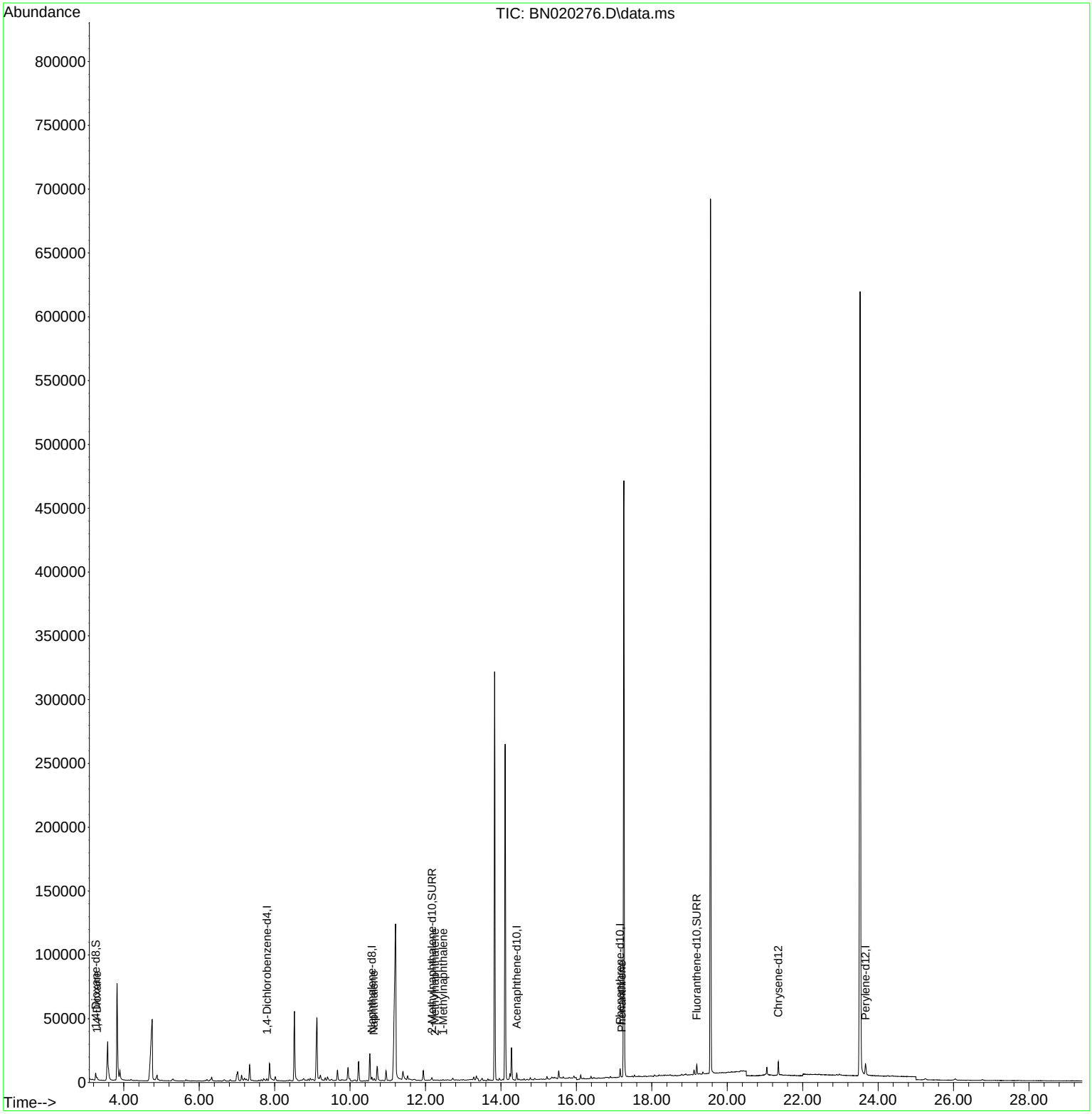
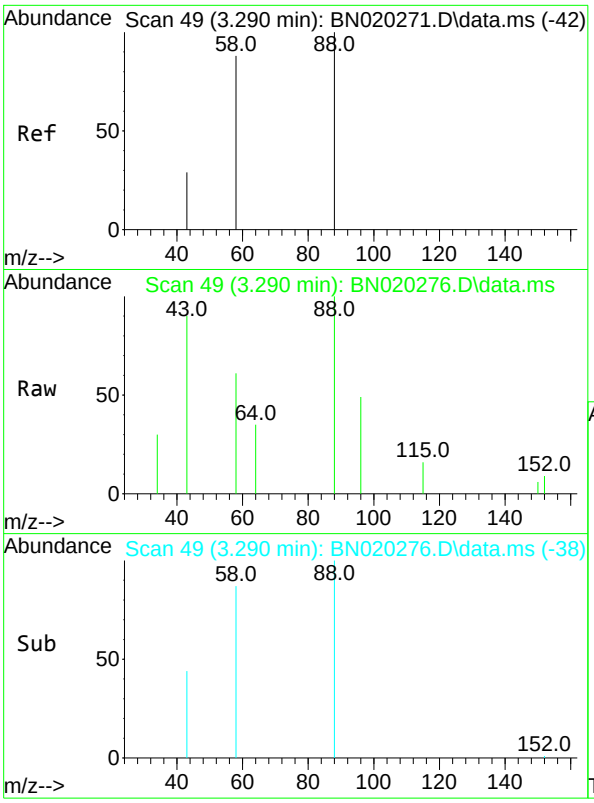


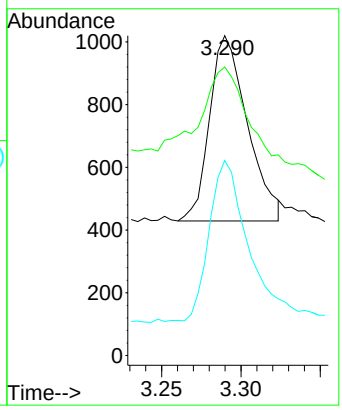


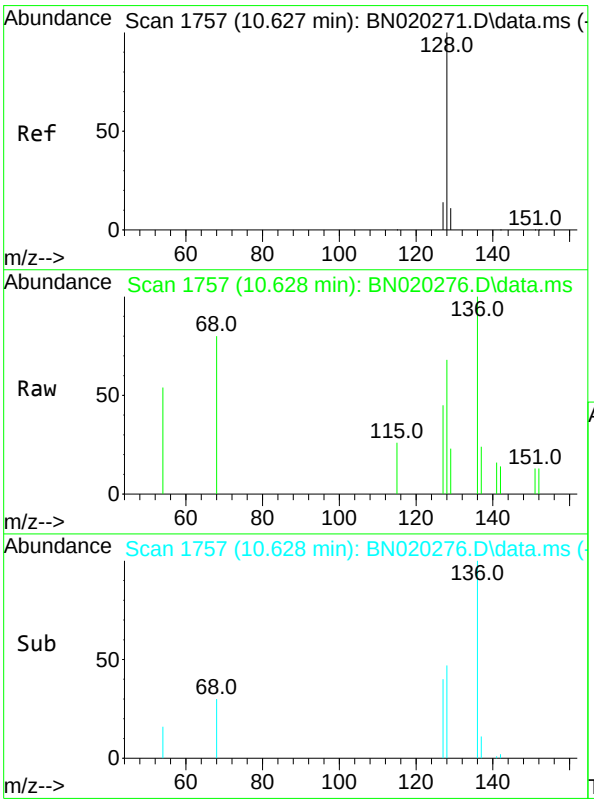
#2
1,4-Dioxane
Concen: 0.997 ng/ul
RT: 3.290 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN020276.D
Acq: 20 Jun 2022 13:40

Instrument :
BNA_N
ClientSampleId :
EW4P6

Tgt Ion: 88 Resp: 981

Ion	Ratio	Lower	Upper
88	100		
43	90.2	31.6	47.4#
58	61.0	23.8	35.6#

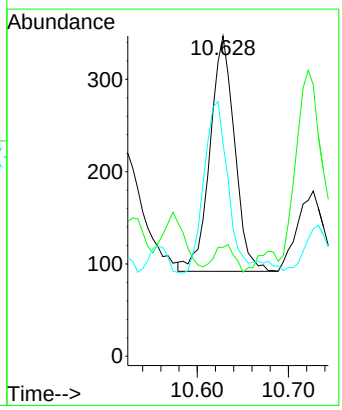


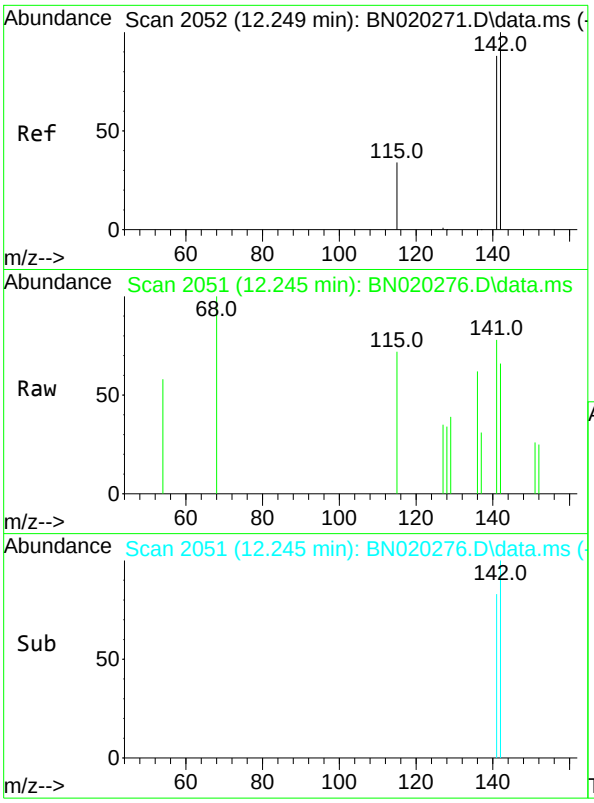


#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BN020276.D
Acq: 20 Jun 2022 13:40

Tgt Ion:128 Resp: 477

Ion	Ratio	Lower	Upper
128	100		
129	34.0	11.0	16.4#
127	66.6	12.8	19.2#



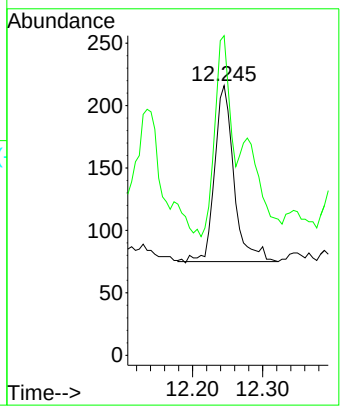


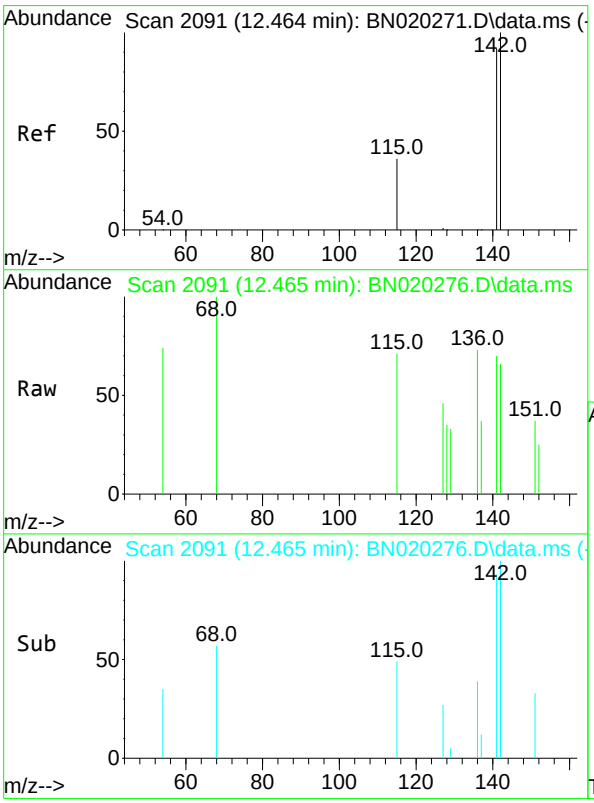
#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.245 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020276.D
Acq: 20 Jun 2022 13:40

Instrument :
BNA_N
ClientSampleId :
EW4P6

Tgt Ion:142 Resp: 269

Ion	Ratio	Lower	Upper
142	100		
141	103.0	71.8	107.8

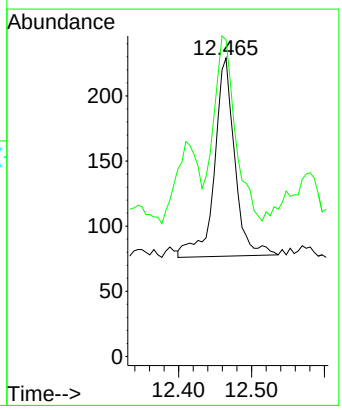


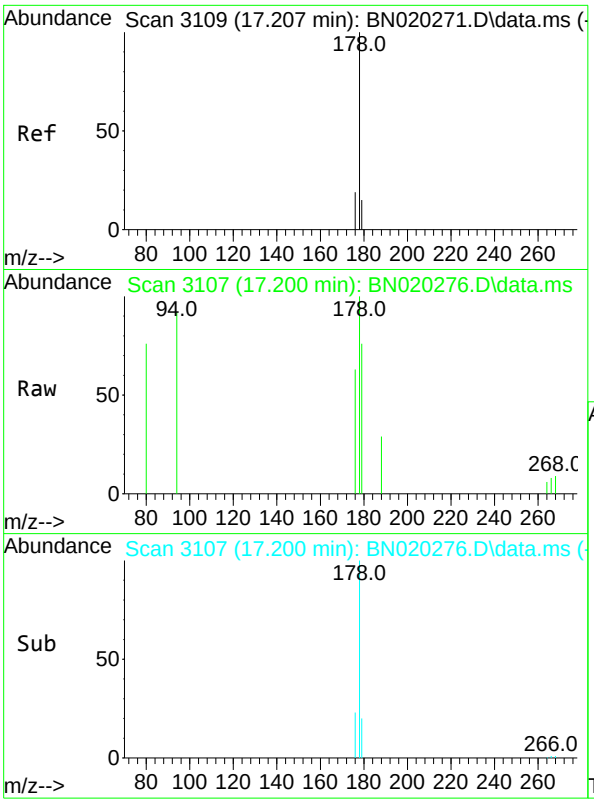


#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020276.D
Acq: 20 Jun 2022 13:40

Tgt Ion:142 Resp: 294

Ion	Ratio	Lower	Upper
142	100		
141	100.3	73.4	110.0





#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.200 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN020276.D
Acq: 20 Jun 2022 13:40

Instrument :
BNA_N
ClientSampleId :
EW4P6

Tgt Ion:178 Resp: 684

Ion	Ratio	Lower	Upper
178	100		
179	75.7	13.4	20.0#
176	63.0	15.8	23.6#