Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035537.D
Acq On : 20 Jun 2022 16:39
Operator : CG/JU
Sample : N3226-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4L4

Quant Time: Jun 21 01:28:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	5042	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.622	136	16283	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.459	164	9542	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	19847	0.400	ng/ul	-0.02
17) Chrysene-d12	21.404	240	13168	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	12790	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	10341	1.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	2597	0.107	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	5768	0.130	ng/ul	-0.01
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.305	142	802	0.025	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	721	0.025	ng/ul	81
15) Phenanthrene	17.246	178	3889	0.053	ng/ul#	89
19) Fluoranthene	19.271	202	1464	0.022	ng/ul#	50
22) Chrysene	21.442	228	2320	0.039	ng/ul#	72

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

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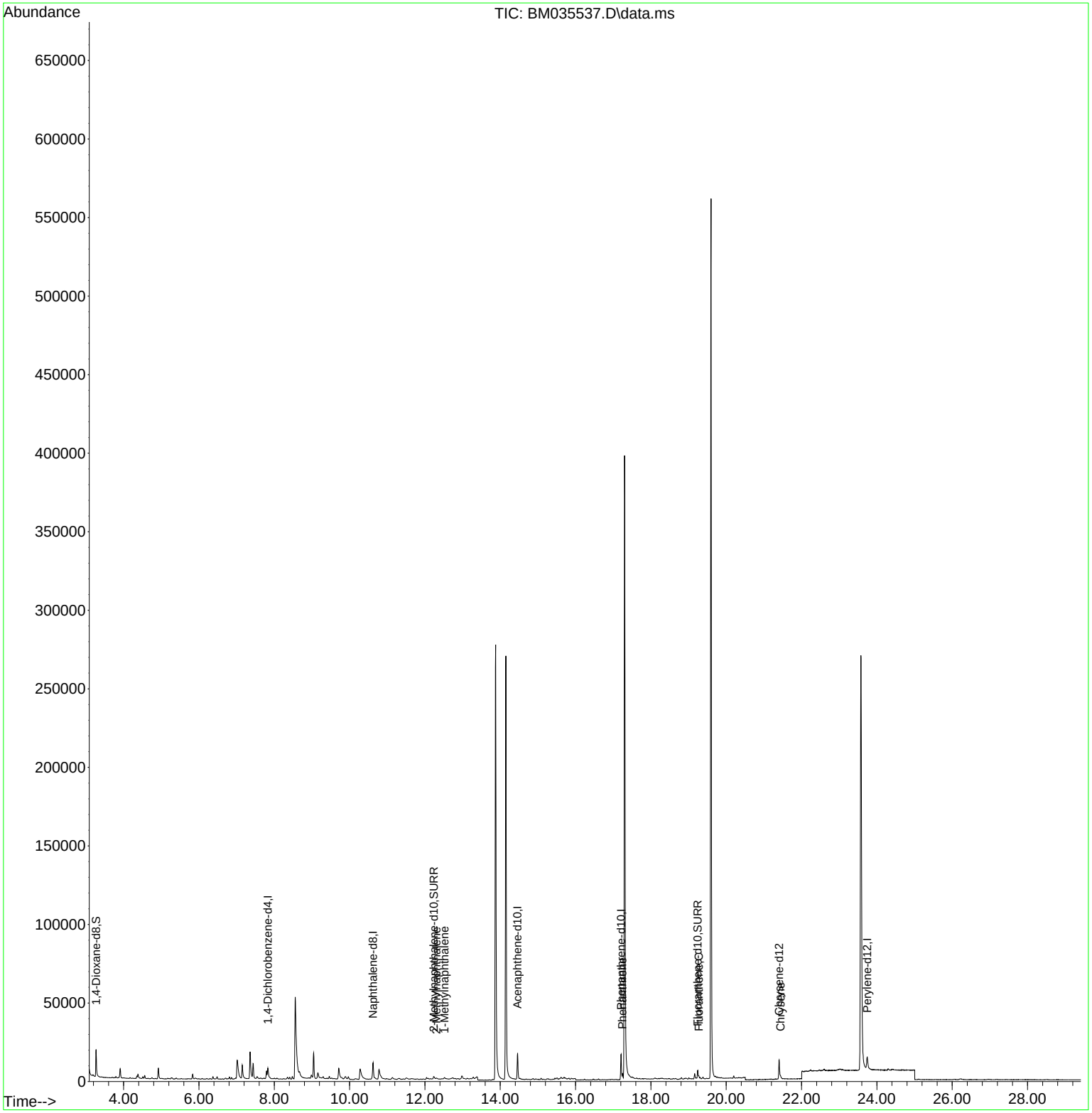
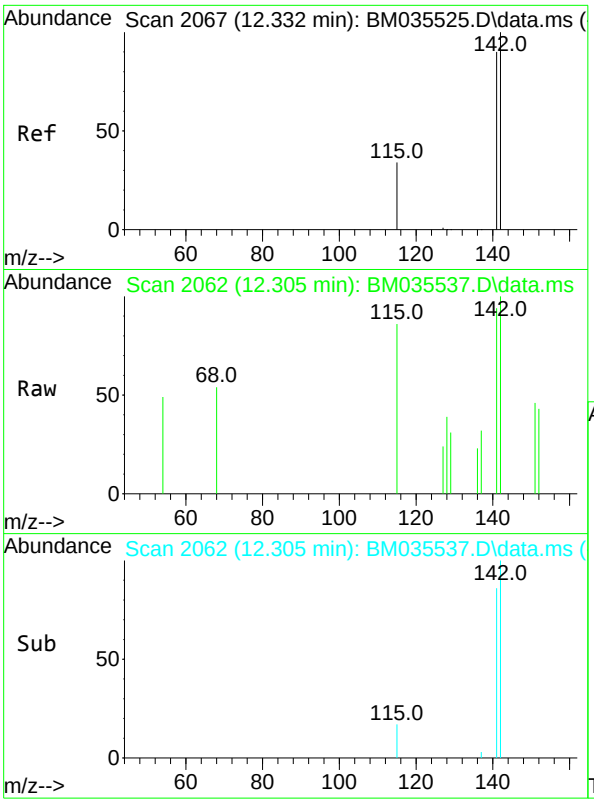


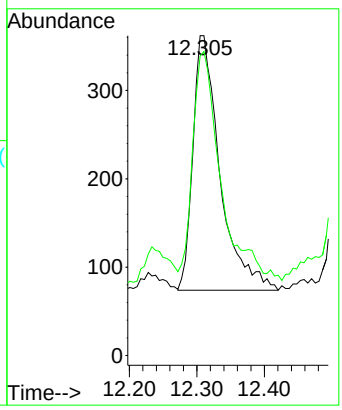


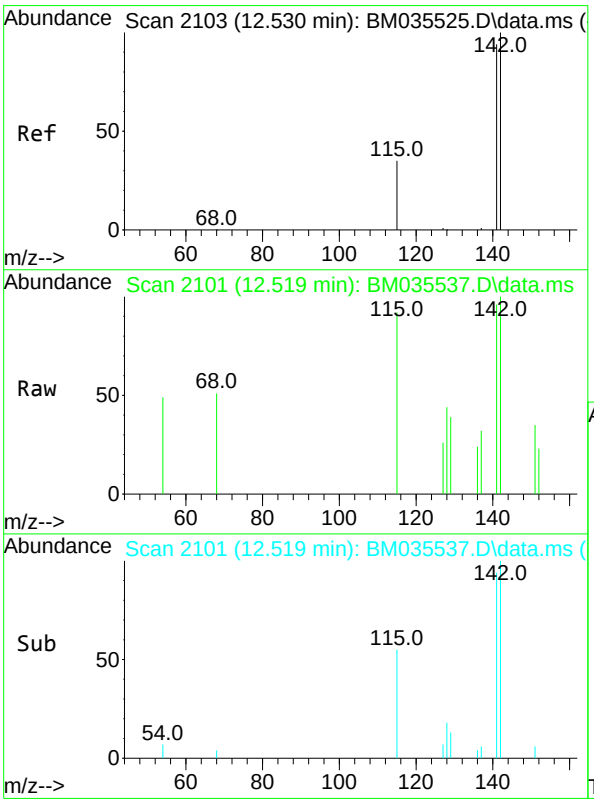
#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.305 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM035537.D
Acq: 20 Jun 2022 16:39

Instrument :
BNA_M
ClientSampleId :
EW4L4

Tgt Ion:142 Resp: 802

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.8	110.8

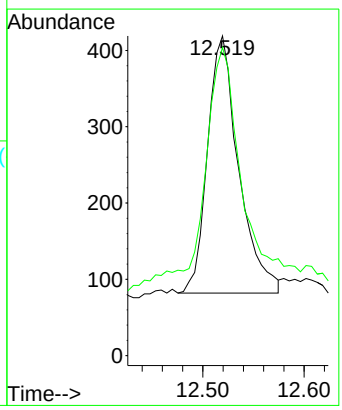


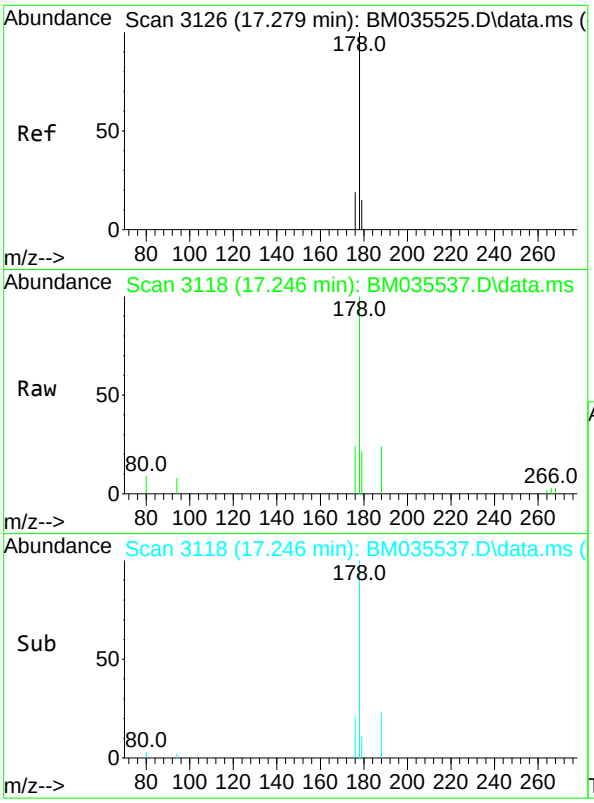


#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035537.D
Acq: 20 Jun 2022 16:39

Tgt Ion:142 Resp: 721

Ion	Ratio	Lower	Upper
142	100		
141	111.5	74.6	111.8



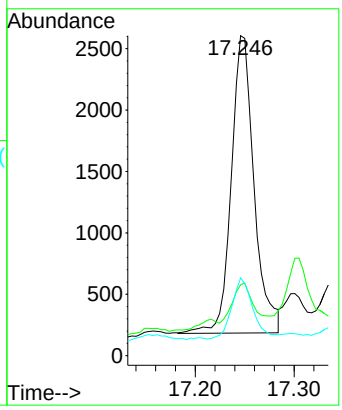


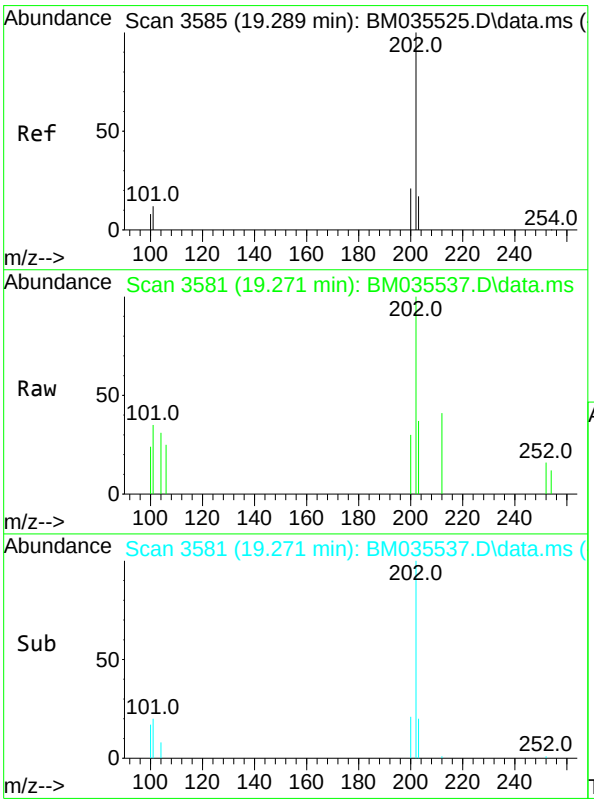
#15
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.246 min Scan# 3
Delta R.T. -0.026 min
Lab File: BM035537.D
Acq: 20 Jun 2022 16:39

Instrument :
BNA_M
ClientSampleId :
EW4L4

Tgt Ion:178 Resp: 3889

Ion	Ratio	Lower	Upper
178	100		
179	22.1	13.2	19.8#
176	24.3	16.2	24.4

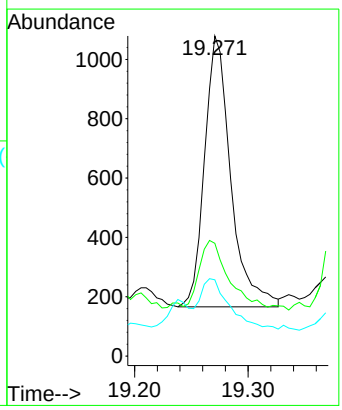


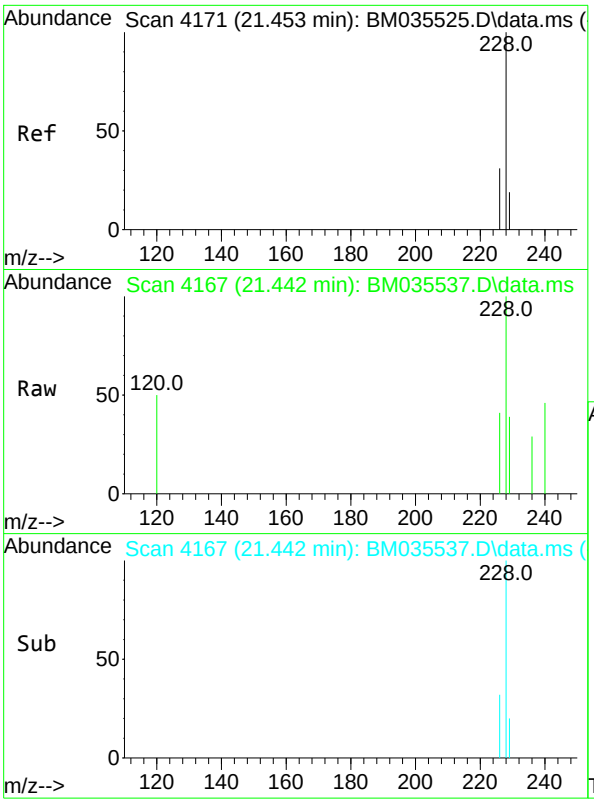


#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035537.D
Acq: 20 Jun 2022 16:39

Tgt Ion:202 Resp: 1464

Ion	Ratio	Lower	Upper
202	100		
101	35.2	10.0	15.0#
100	23.8	7.5	11.3#





#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.442 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM035537.D
Acq: 20 Jun 2022 16:39

Instrument :
BNA_M
ClientSampleId :
EW4L4

Tgt Ion:228 Resp: 2320

Ion	Ratio	Lower	Upper
228	100		
226	41.0	24.5	36.7#
229	39.1	15.8	23.8#