Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042041.D
Acq On : 25 Sep 2023 20:24
Operator : MA/JU
Sample : 04429-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL8

Quant Time: Sep 26 02:26:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5065	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	11373	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	11257	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.350	188	11891	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	5463	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	5701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	32002	4.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	4844	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	7104	0.316	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	36980	5.092	ng/ul#	84
5) Naphthalene	10.823	128	3328685	87.367	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	1363449	60.033	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	872757	37.851	ng/ul	98
11) Acenaphthene	14.661	153	40231	0.696	ng/ul	96
12) Fluorene	15.647	166	48300	0.741	ng/ul#	96
14) Pentachlorophenol	16.982	266	93605	14.883	ng/ul	100
15) Phenanthrene	17.392	178	68590	1.244	ng/ul#	94
16) Anthracene	17.485	178	3309	0.069	ng/ul#	26
20) Pyrene	19.766	202	3765	0.062	ng/ul#	1

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

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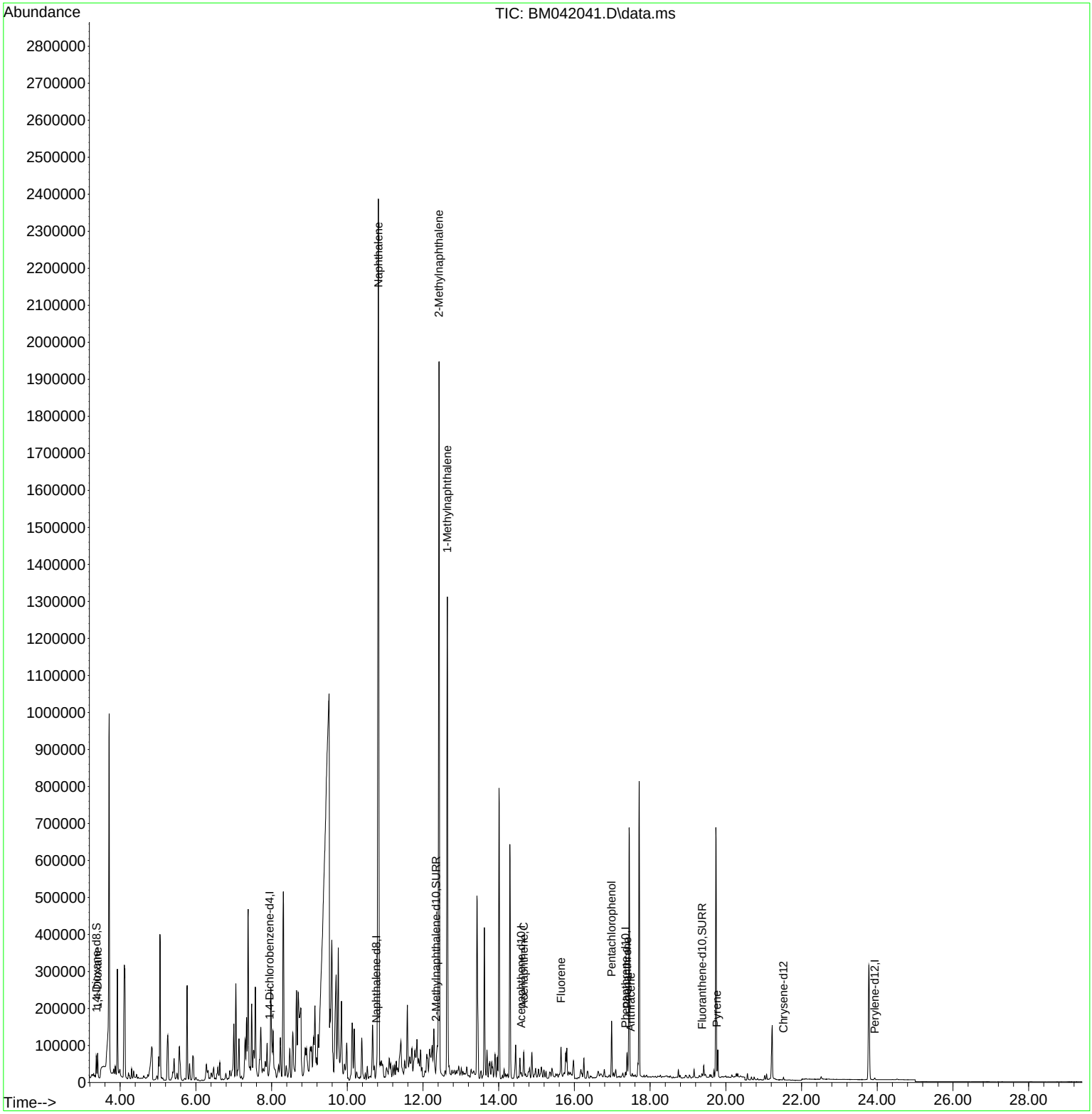
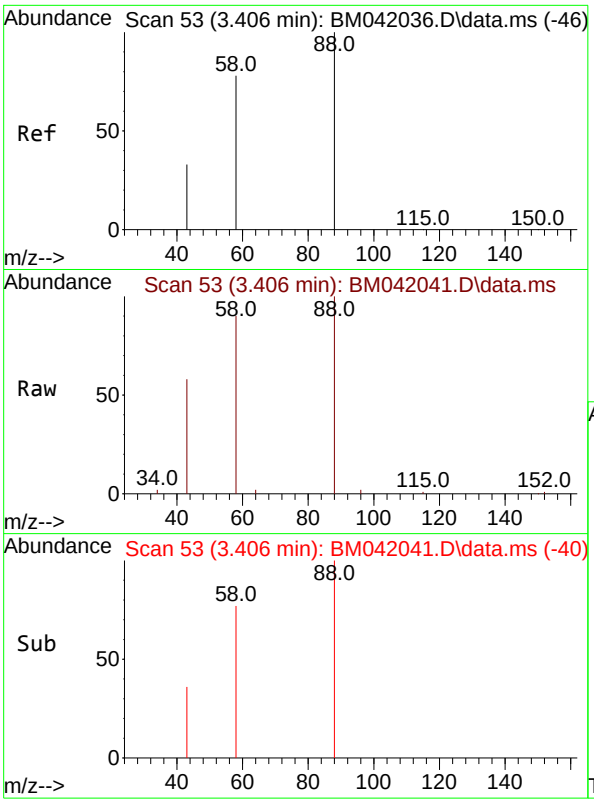


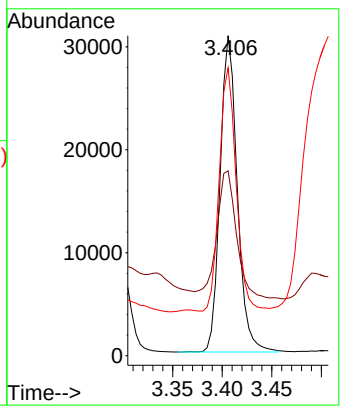


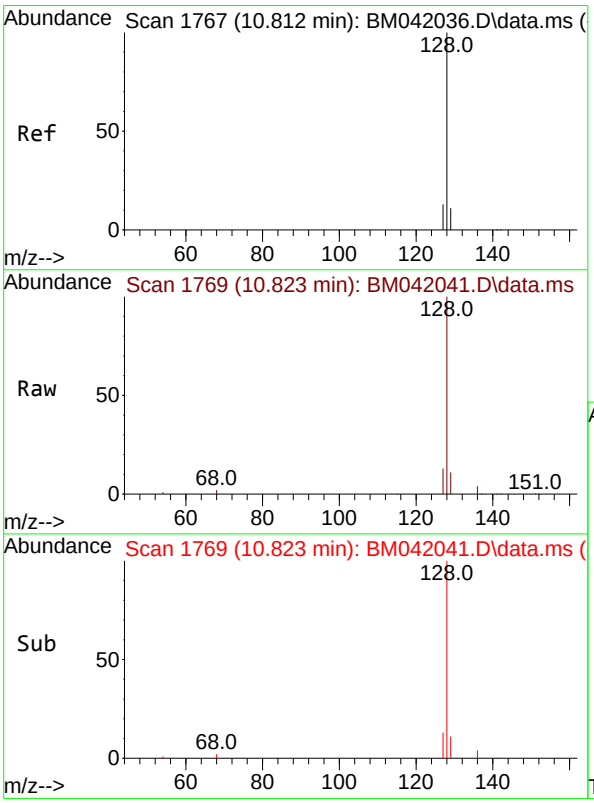
#2
1,4-Dioxane
Concen: 5.092 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Instrument :
BNA_M
ClientSampleId :
BBBL8

Tgt Ion: 88 Resp: 36980

Ion	Ratio	Lower	Upper
88	100		
43	57.7	42.9	64.3
58	89.9	56.4	84.6#

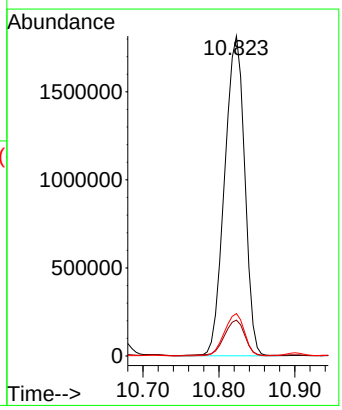


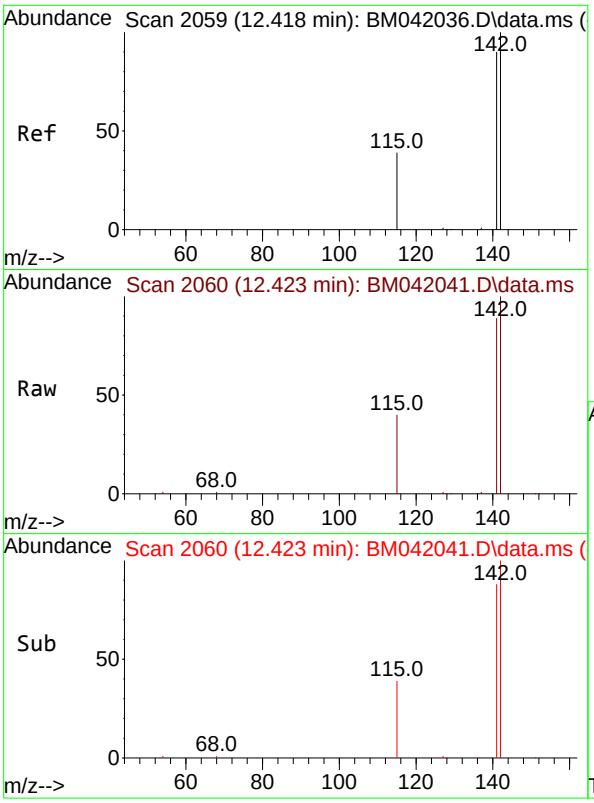


#5
Naphthalene
Concen: 87.367 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Tgt Ion:128 Resp: 3328685

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.2	10.8	16.2



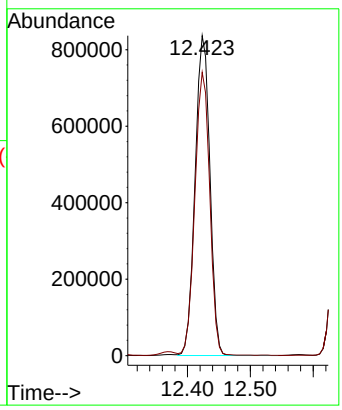


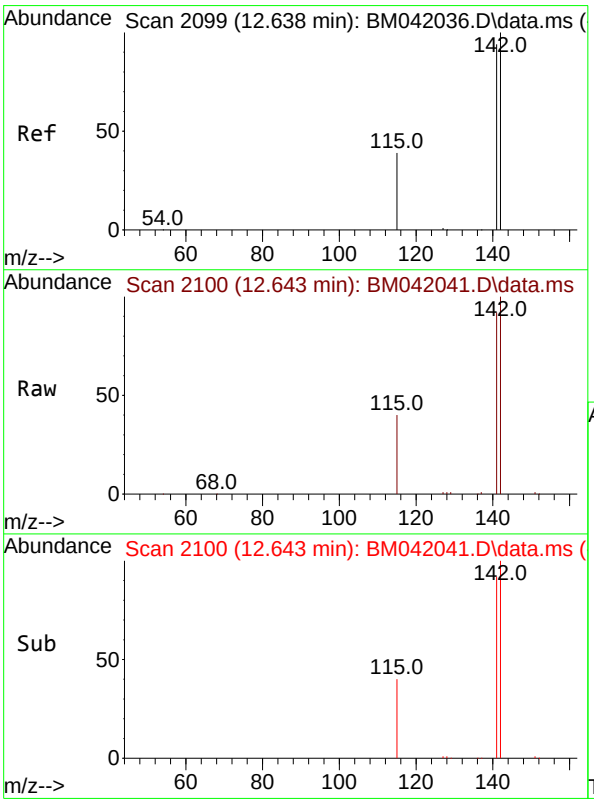
#7
2-Methylnaphthalene
Concen: 60.033 ng/ul
RT: 12.423 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Instrument :
BNA_M
ClientSampleId :
BBBL8

Tgt Ion:142 Resp: 1363449

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1

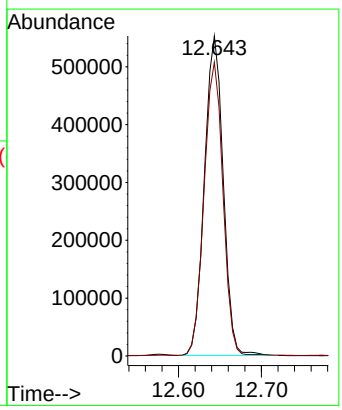


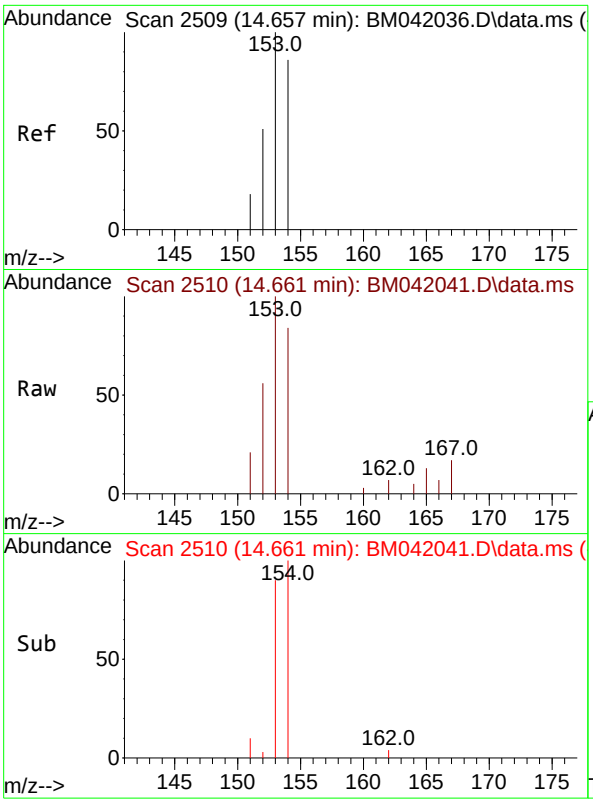


#8
1-Methylnaphthalene
Concen: 37.851 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Tgt Ion:142 Resp: 872757

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.1	112.7



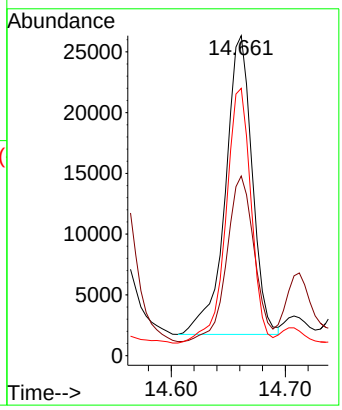


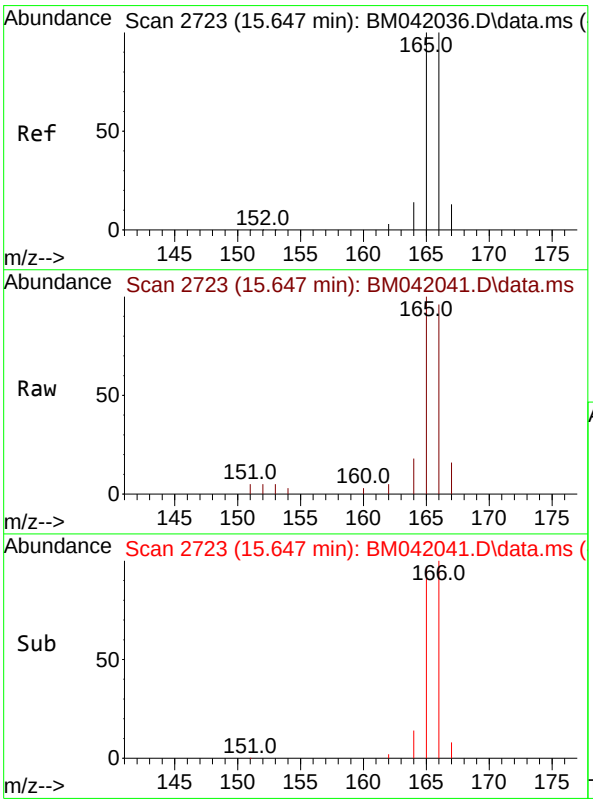
#11
Acenaphthene
Concen: 0.696 ng/ul
RT: 14.661 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Instrument :
BNA_M
ClientSampleId :
BBBL8

Tgt Ion:153 Resp: 40231

Ion	Ratio	Lower	Upper
153	100		
152	56.2	41.8	62.8
154	83.6	69.0	103.6

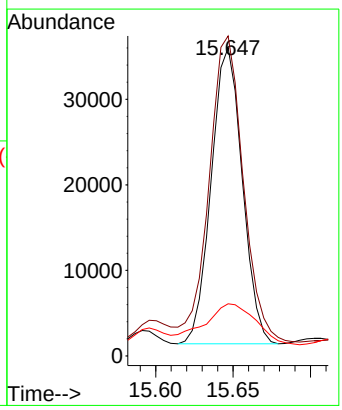


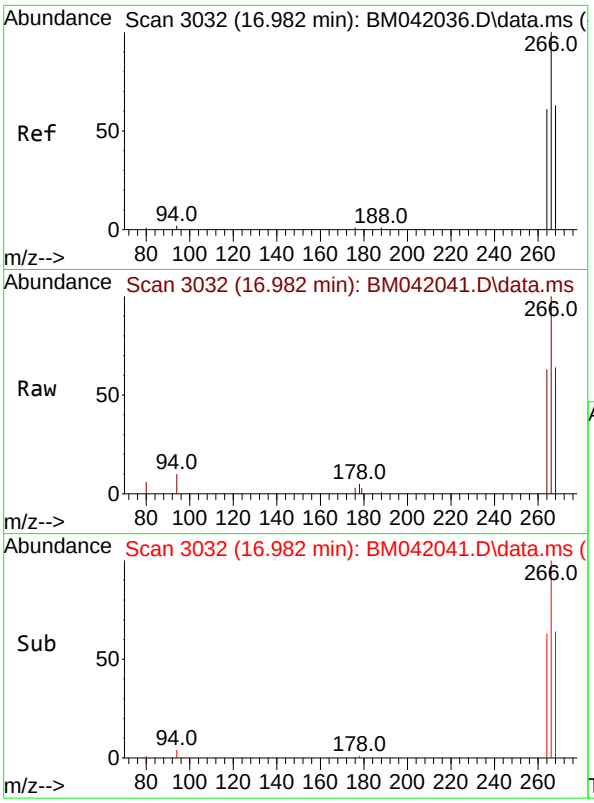


#12
Fluorene
Concen: 0.741 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Tgt Ion:166 Resp: 48300

Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.8	119.8
167	16.9	11.1	16.7#



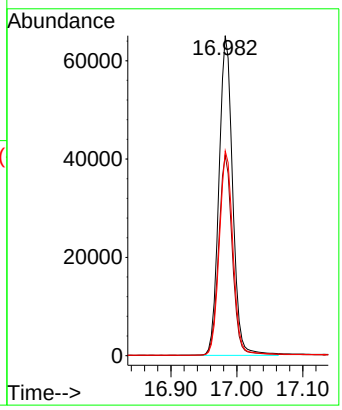


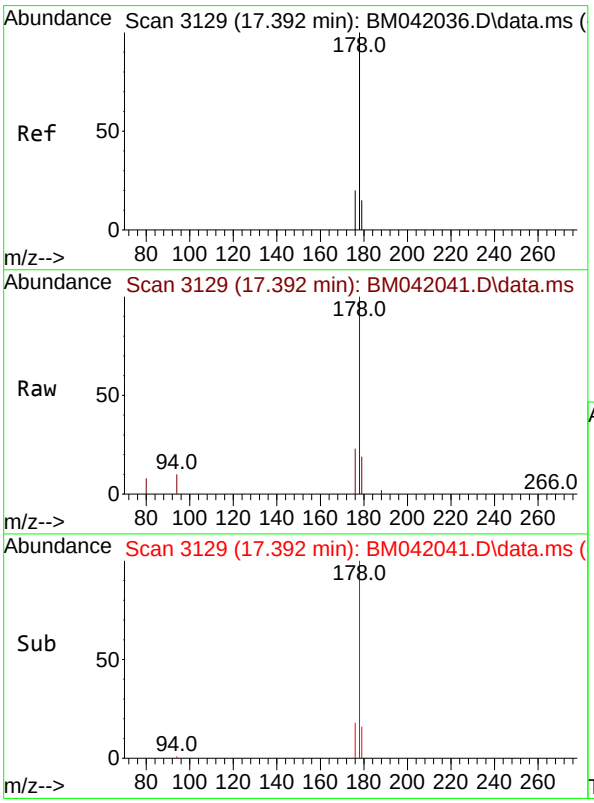
#14
Pentachlorophenol
Concen: 14.883 ng/ul
RT: 16.982 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Instrument :
BNA_M
ClientSampleId :
BBBL8

Tgt Ion:266 Resp: 93605

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.4
268	63.9	51.0	76.4

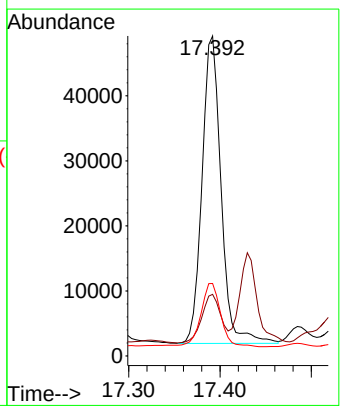


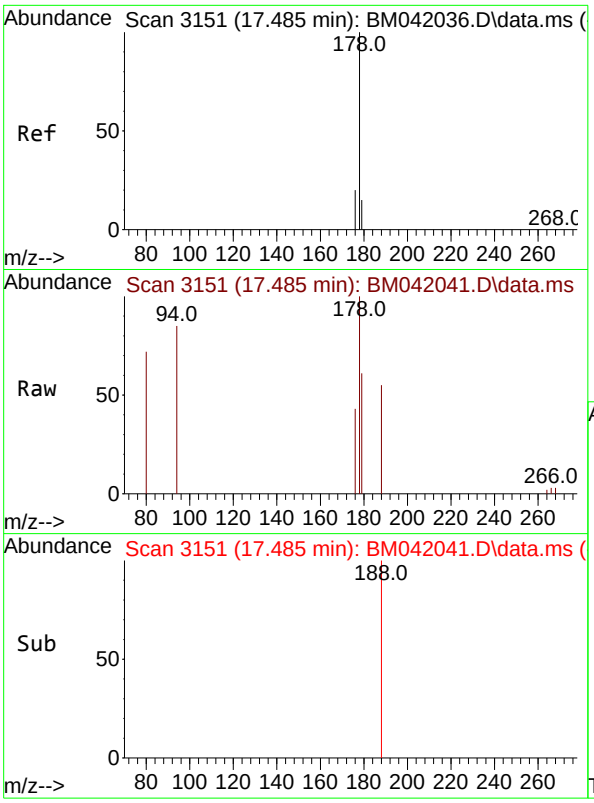


#15
Phenanthrene
Concen: 1.244 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Tgt Ion:178 Resp: 68590

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.7	19.1#
176	22.7	16.6	24.8



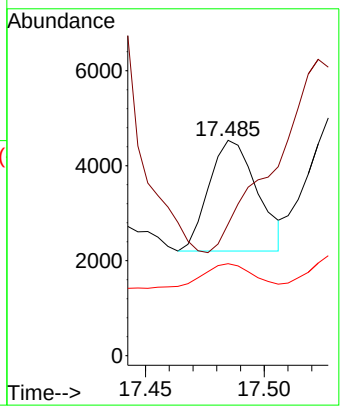


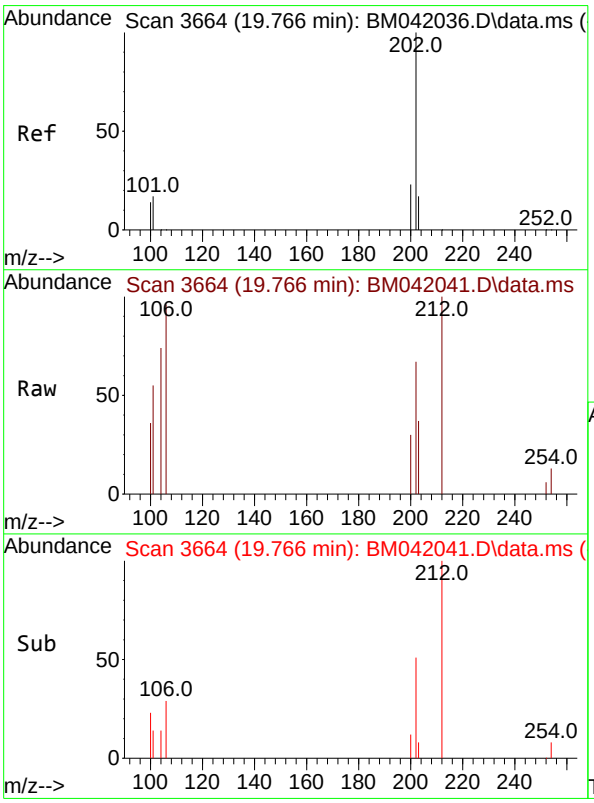
#16
Anthracene
Concen: 0.069 ng/ul
RT: 17.485 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Instrument :
BNA_M
ClientSampleId :
BBBL8

Tgt Ion:178 Resp: 3309

Ion	Ratio	Lower	Upper
178	100		
179	61.2	12.9	19.3#
176	42.7	16.2	24.2#





#20
Pyrene
Concen: 0.062 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042041.D
Acq: 25 Sep 2023 20:24

Tgt Ion:202 Resp: 3765

Ion	Ratio	Lower	Upper
202	100		
101	82.3	14.1	21.1#
100	54.8	11.4	17.0#