Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042996.D
Acq On : 25 Nov 2023 01:47
Operator : MA/JU
Sample : 05268-07DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Quant Time: Nov 25 02:44:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	864	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.618	136	2669	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.456	164	1738	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	3855	0.400	ng/ul	-0.02
17) Chrysene-d12	21.412	240	2188	0.400	ng/ul	-0.01
23) Perylene-d12	23.764	264	3568	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	528	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	287	0.080	ng/ul	-0.03
18) Fluoranthene-d10	19.248	212	808	0.101	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.667	128	14640	2.018	ng/ul#	84
7) 2-Methylnaphthalene	12.289	142	329	0.077	ng/ul	98
8) 1-Methylnaphthalene	12.504	142	4774	1.001	ng/ul	99
10) Acenaphthylene	14.187	152	2150	0.242	ng/ul	98
11) Acenaphthene	14.521	153	60788	9.045	ng/ul	96
12) Fluorene	15.515	166	4214	0.611	ng/ul	98
14) Pentachlorophenol	16.863	266	496	0.475	ng/ul	98
15) Phenanthrene	17.255	178	1120	0.102	ng/ul#	85
16) Anthracene	17.348	178	527	0.051	ng/ul#	80
19) Fluoranthene	19.276	202	709	0.057	ng/ul#	81
20) Pyrene	19.639	202	337	0.026	ng/ul#	33

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

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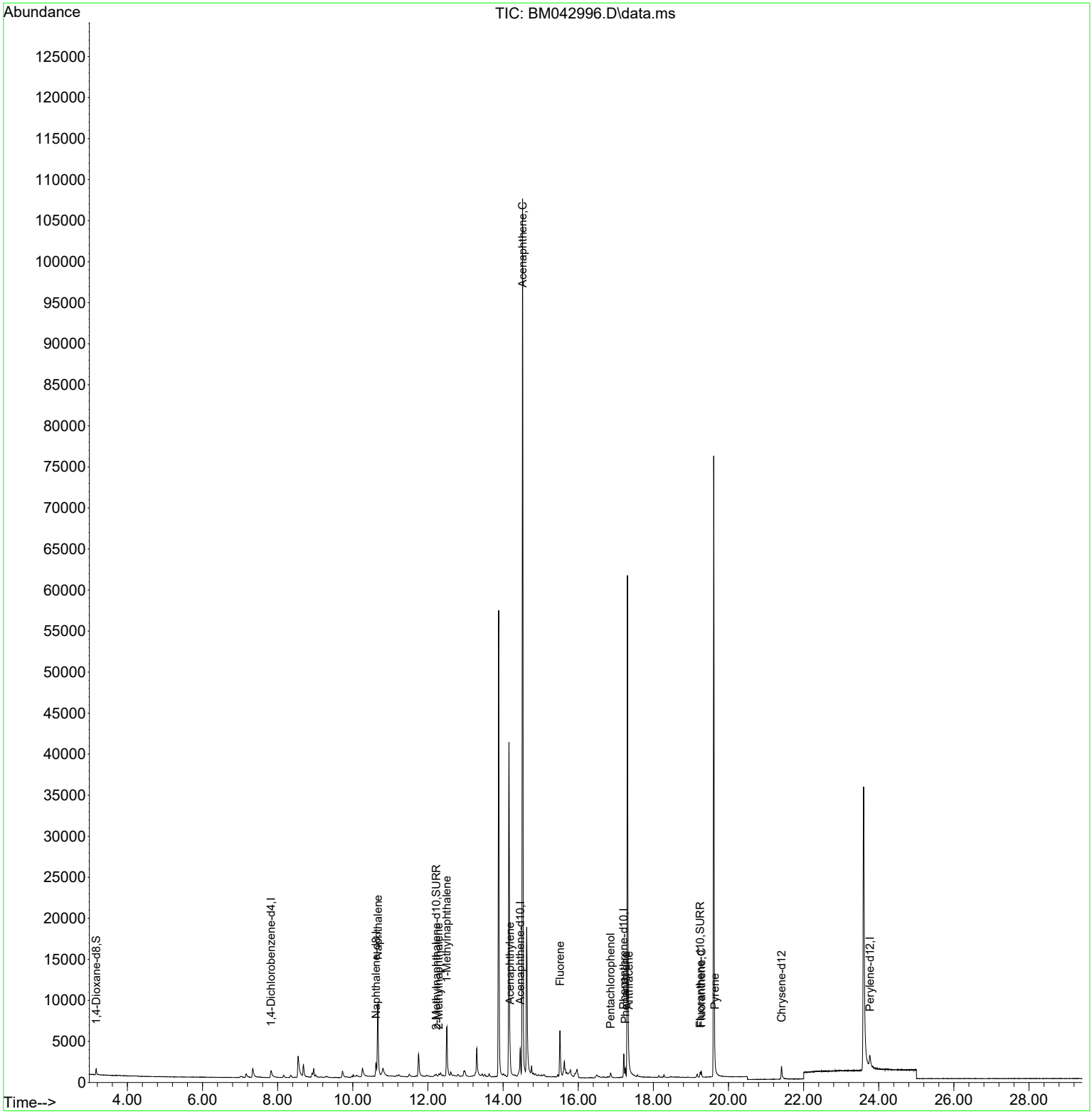
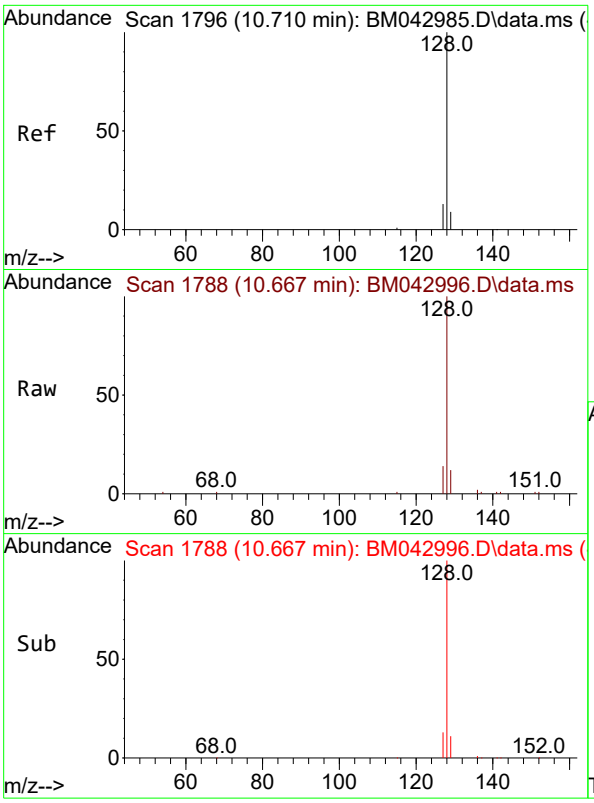


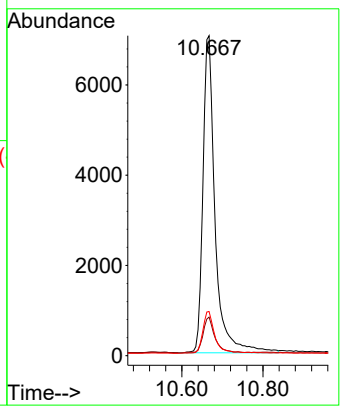


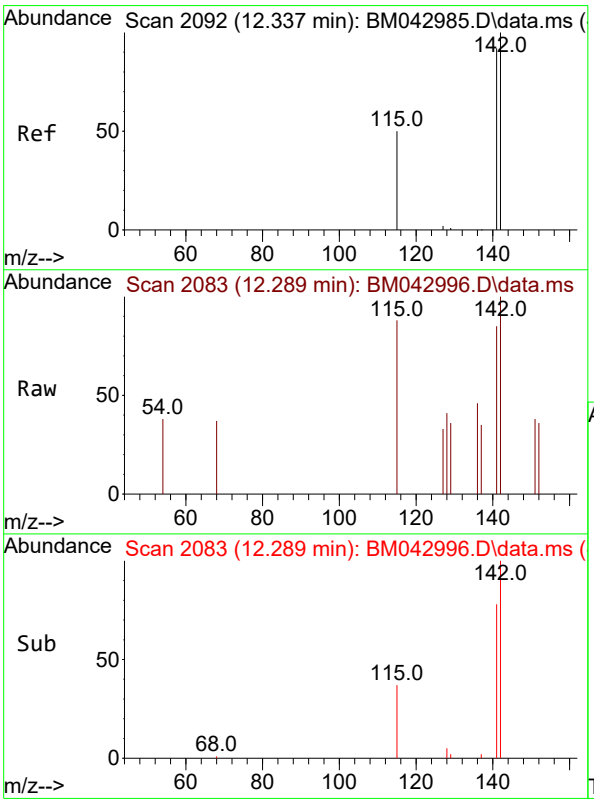
#5
Naphthalene
Concen: 2.018 ng/ul
RT: 10.667 min Scan# 1
Delta R.T. -0.032 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:128 Resp: 14640

Ion	Ratio	Lower	Upper
128	100		
129	12.0	16.0	24.0#
127	13.8	16.5	24.7#

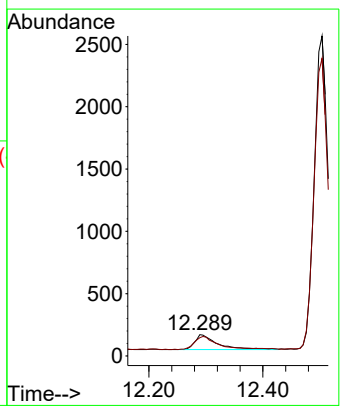


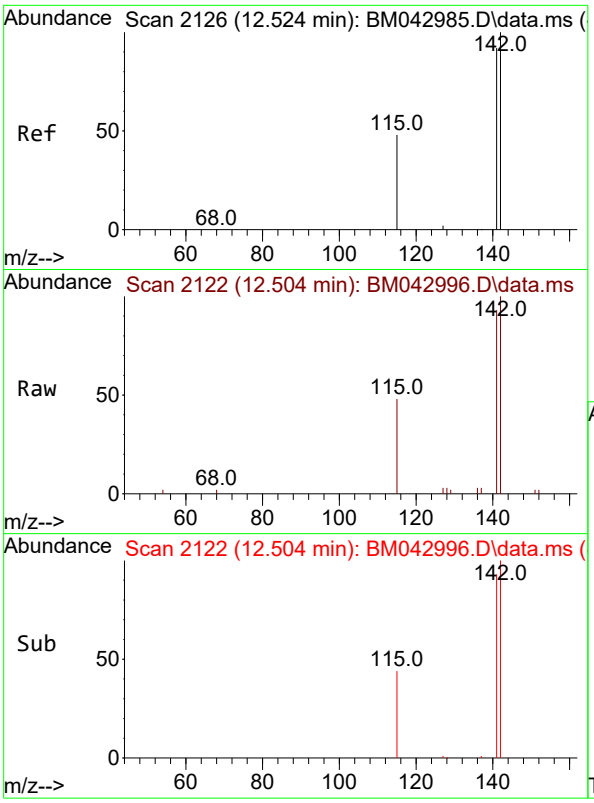


#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.043 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Tgt Ion:142 Resp: 329

Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.1	114.1



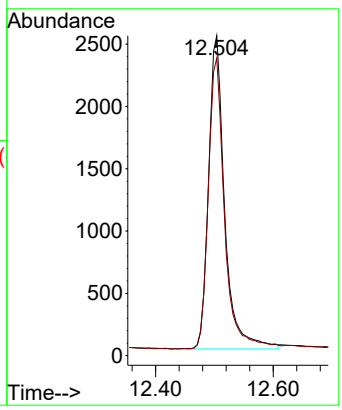


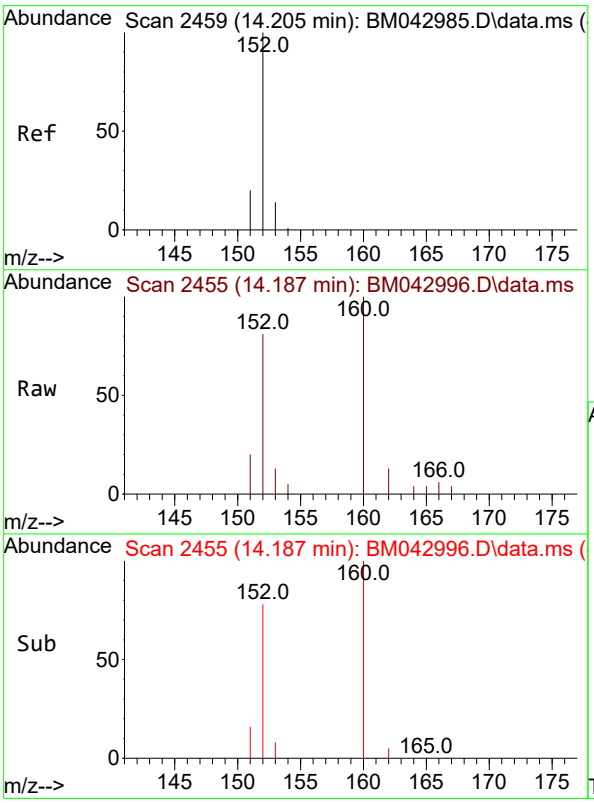
#8
1-Methylnaphthalene
Concen: 1.001 ng/ul
RT: 12.504 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:142 Resp: 4774

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.8

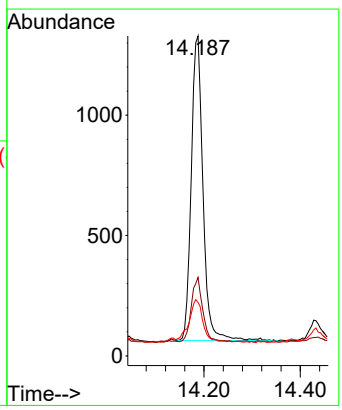


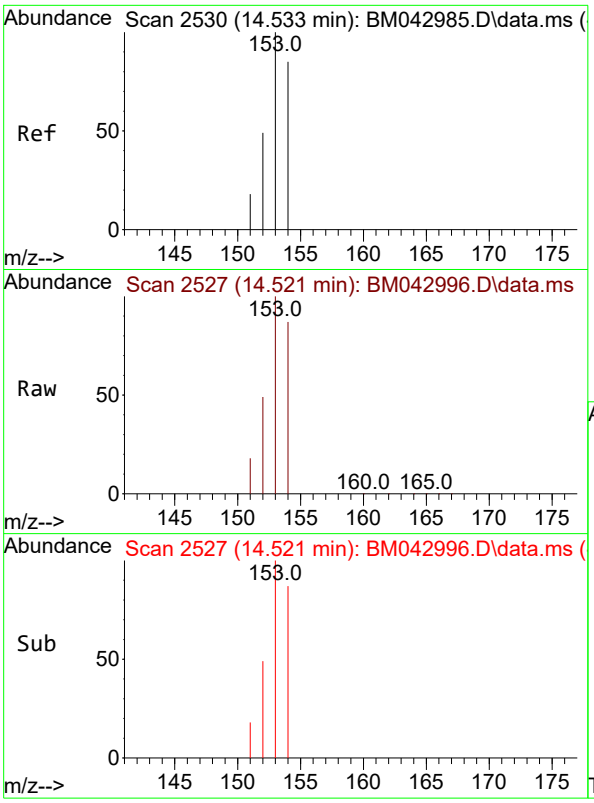


#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.017 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Tgt Ion:152 Resp: 2150

Ion	Ratio	Lower	Upper
152	100		
151	24.5	19.4	29.0
153	16.7	14.6	21.8



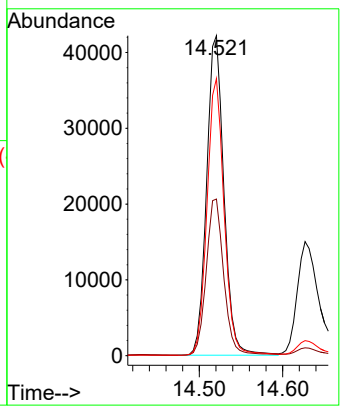


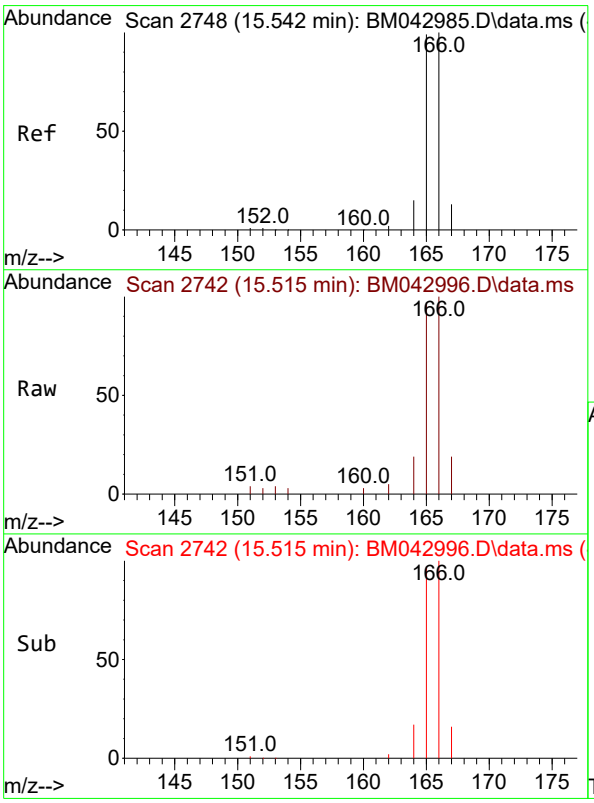
#11
Acenaphthene
Concen: 9.045 ng/ul
RT: 14.521 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:153 Resp: 60788

Ion	Ratio	Lower	Upper
153	100		
152	49.0	43.9	65.9
154	86.6	70.6	105.8

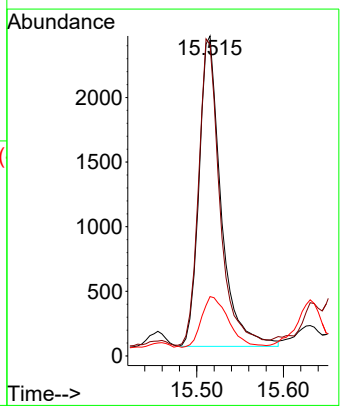


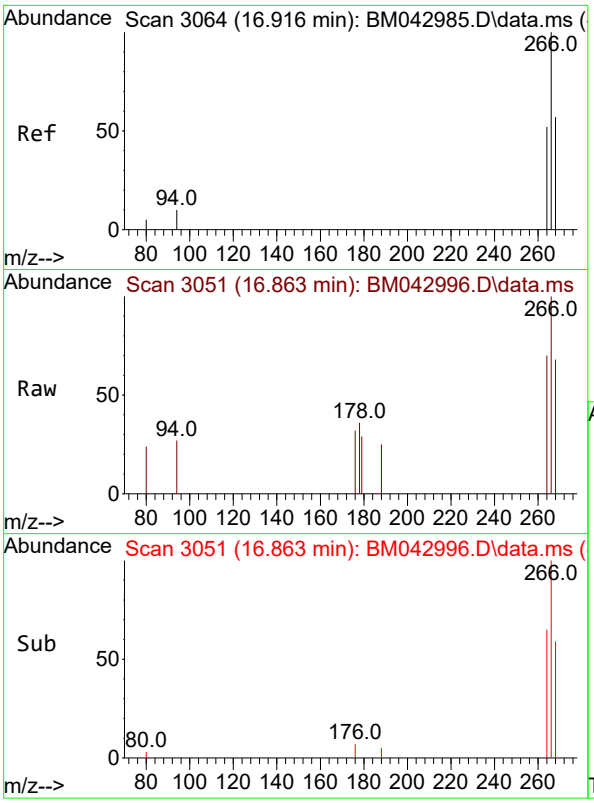


#12
Fluorene
Concen: 0.611 ng/ul
RT: 15.515 min Scan# 2742
Delta R.T. -0.022 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Tgt Ion:166 Resp: 4214

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.9	119.9
167	18.6	14.2	21.4



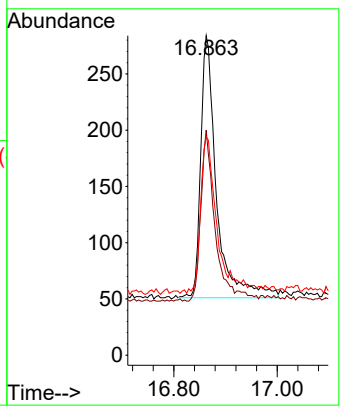


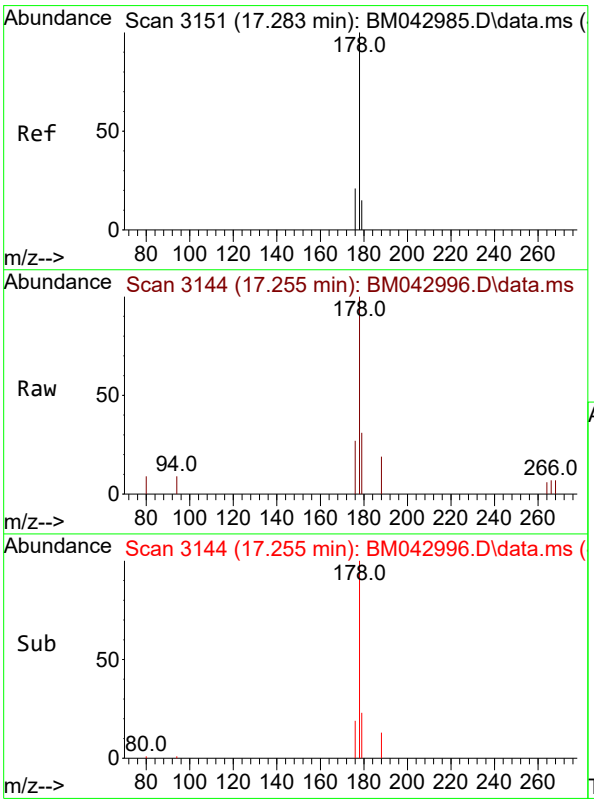
#14
Pentachlorophenol
Concen: 0.475 ng/ul
RT: 16.863 min Scan# 3
Delta R.T. -0.049 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:266 Resp: 496

Ion	Ratio	Lower	Upper
266	100		
264	59.3	48.8	73.2
268	63.5	51.8	77.6

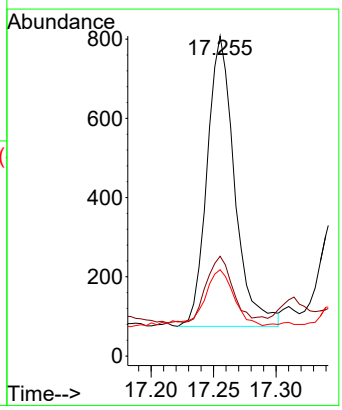


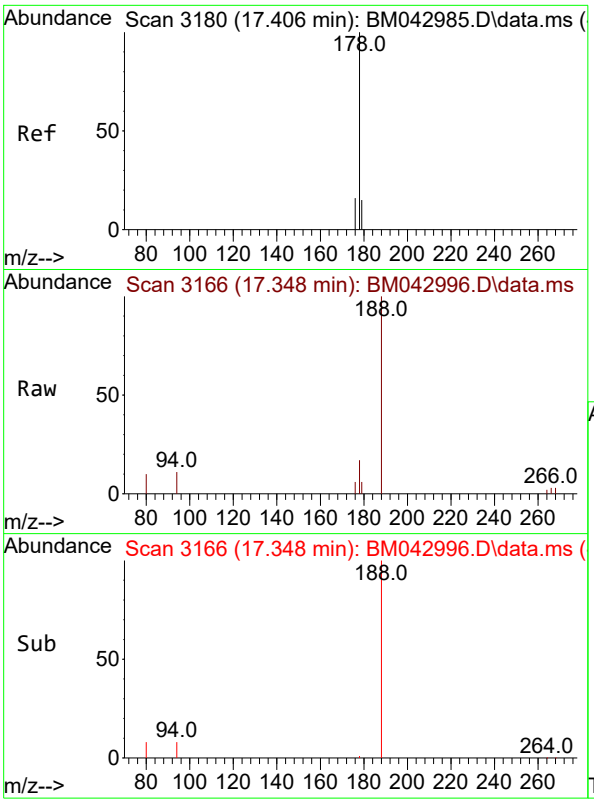


#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.255 min Scan# 3144
Delta R.T. -0.024 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Tgt Ion:178 Resp: 1120

Ion	Ratio	Lower	Upper
178	100		
179	31.2	15.7	23.5#
176	27.0	18.9	28.3



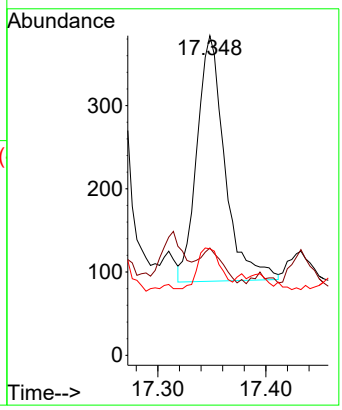


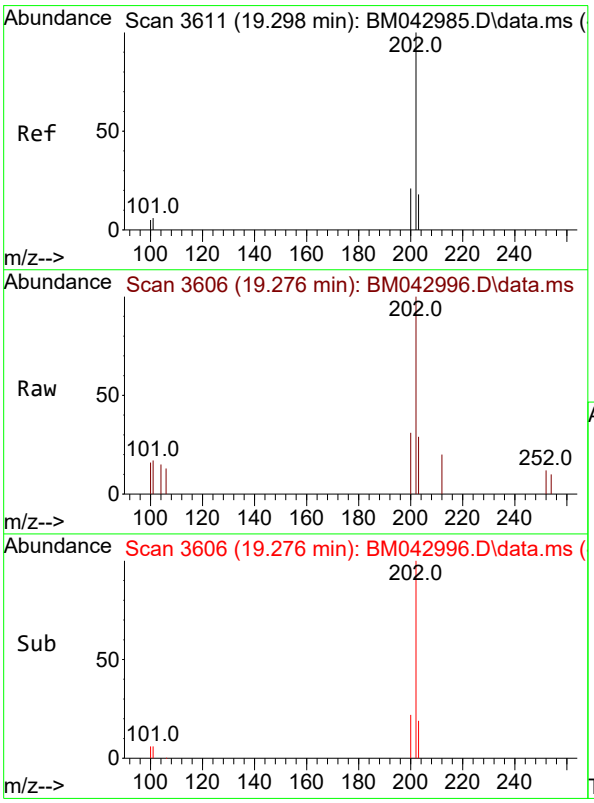
#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.348 min Scan# 3
Delta R.T. -0.045 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:178 Resp: 527

Ion	Ratio	Lower	Upper
178	100		
179	33.6	17.3	25.9#
176	33.3	20.5	30.7#

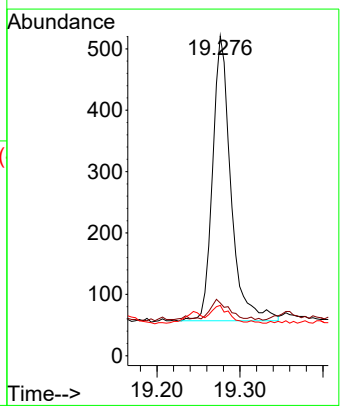


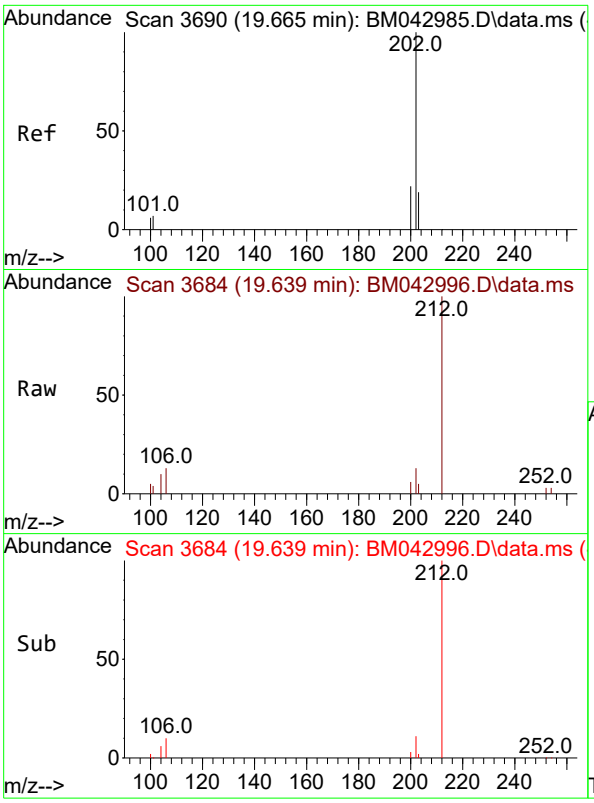


#19
Fluoranthene
Concen: 0.057 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.017 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Tgt Ion:202 Resp: 709

Ion	Ratio	Lower	Upper
202	100		
101	16.5	7.8	11.8#
100	15.7	7.1	10.7#





#20
Pyrene
Concen: 0.026 ng/ul
RT: 19.639 min Scan# 3
Delta R.T. -0.022 min
Lab File: BM042996.D
Acq: 25 Nov 2023 01:47

Instrument :
BNA_M
ClientSampleId :
DCKC9DL

Tgt Ion:202 Resp: 337

Ion	Ratio	Lower	Upper
202	100		
101	31.3	8.7	13.1#
100	39.9	7.8	11.8#