Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043013.D
Acq On : 25 Nov 2023 13:51
Operator : MA/JU
Sample : 05336-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 27 02:43:26 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKB9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	770m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136	2402	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1611m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	3542m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	2022m	0.400	ng/ul	-0.02
23) Perylene-d12	23.750	264	3493m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4959	4.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	1555	0.484	ng/ul	-0.05
18) Fluoranthene-d10	19.239	212	3716	0.504	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.656	128	39475	6.047	ng/ul#	82
7) 2-Methylnaphthalene	12.278	142	981	0.255	ng/ul	93
8) 1-Methylnaphthalene	12.493	142	7613	1.773	ng/ul	99
10) Acenaphthylene	14.178	152	6263	0.762	ng/ul	96
11) Acenaphthene	14.516	153	312095	50.101	ng/ul	96
12) Fluorene	15.506	166	91226	14.262	ng/ul#	99
15) Phenanthrene	17.251	178	1469m	0.145	ng/ul	
16) Anthracene	17.344	178	1710	0.179	ng/ul	97
19) Fluoranthene	19.272	202	3903	0.340	ng/ul	98
20) Pyrene	19.634	202	2139	0.175	ng/ul#	85

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

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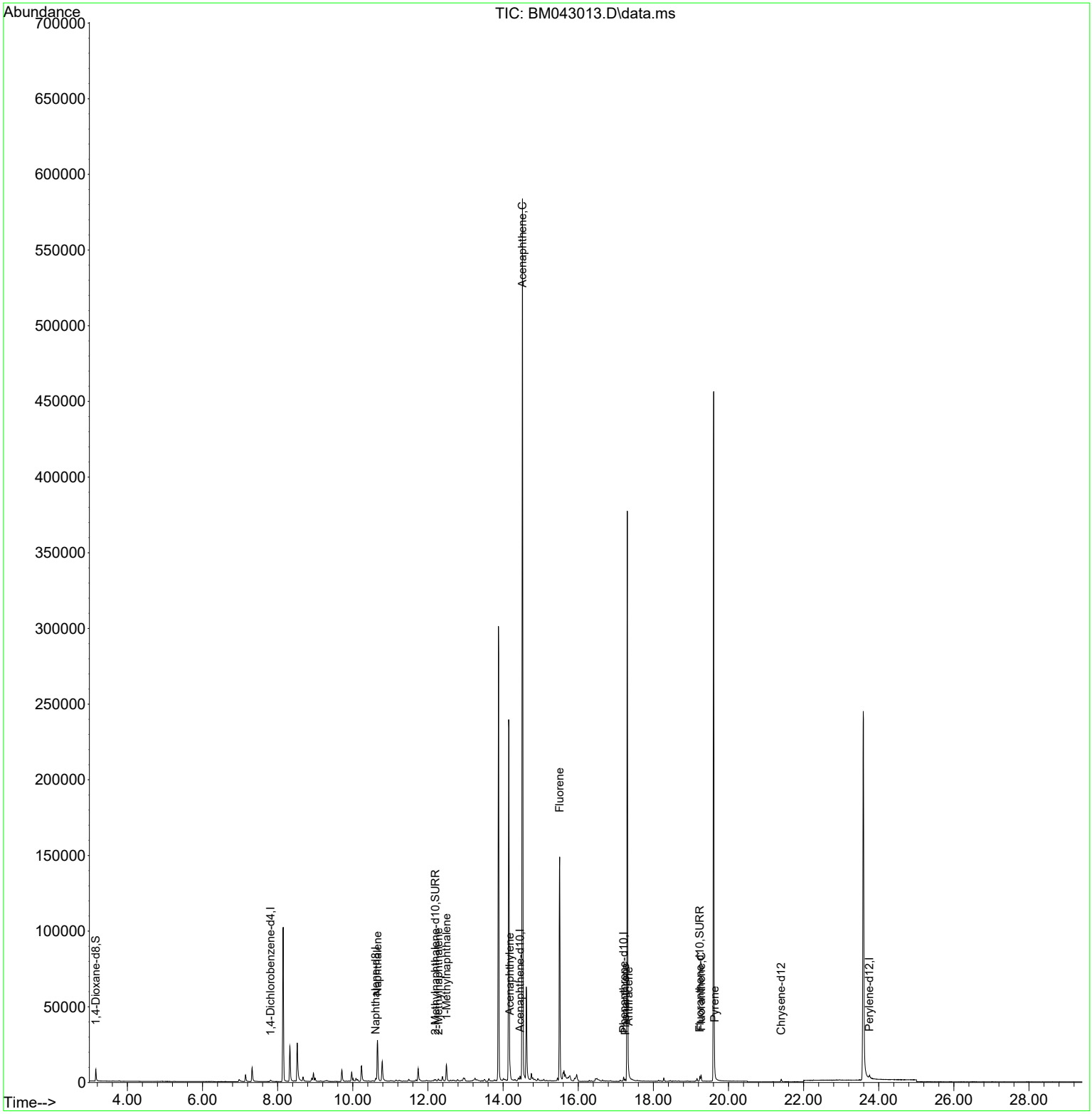
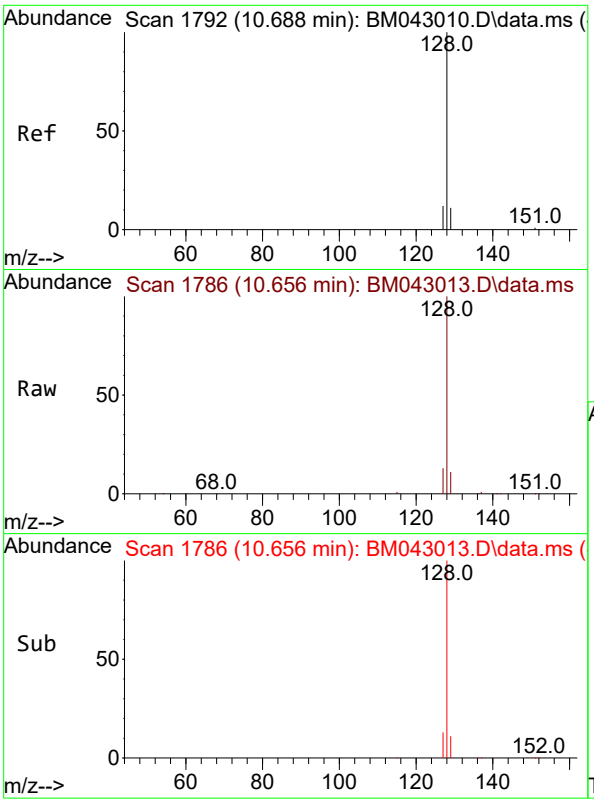
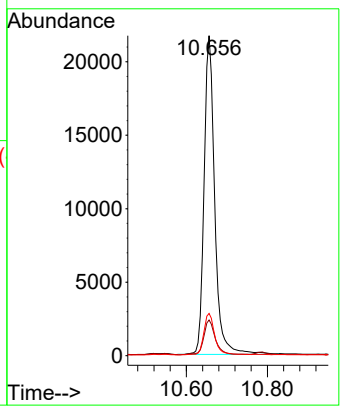




#5
Naphthalene
Concen: 6.047 ng/ul
RT: 10.656 min Scan# 1
Delta R.T. -0.043 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:128 Resp: 3947

Ion	Ratio	Lower	Upper
128	100		
129	11.2	16.0	24.0#
127	13.2	16.5	24.7#



Instrument :
BNA_M
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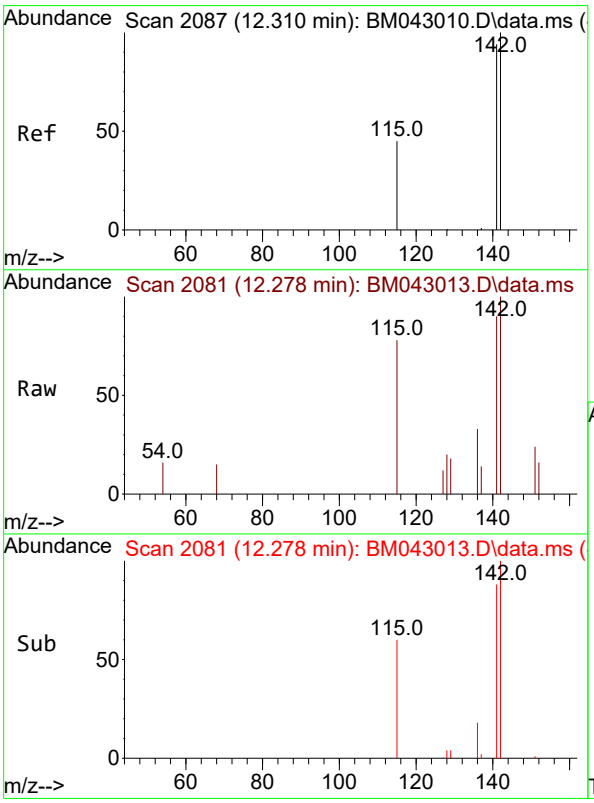
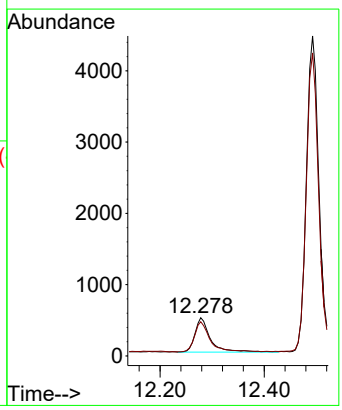
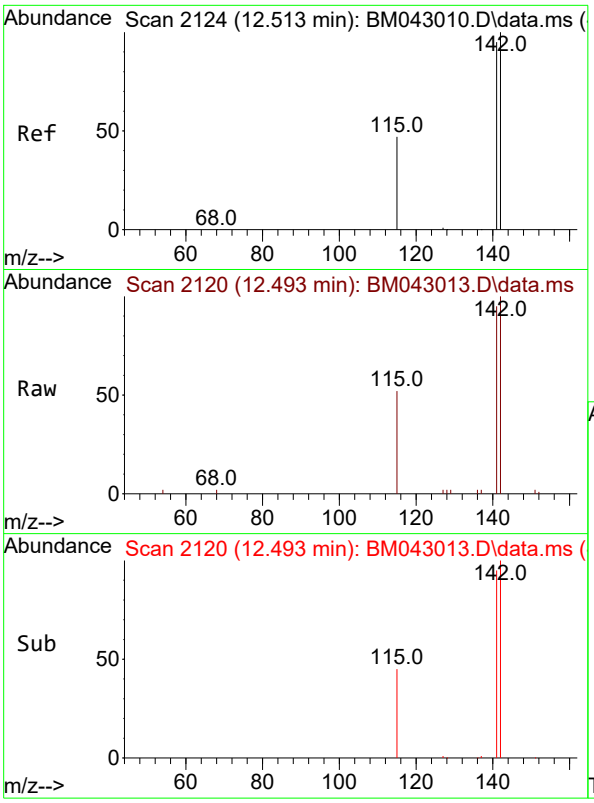


#7
2-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.054 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:142 Resp: 981

Ion	Ratio	Lower	Upper
142	100		
141	88.3	76.1	114.1





#8
1-Methylnaphthalene
Concen: 1.773 ng/ul
RT: 12.493 min Scan# 2
Delta R.T. -0.026 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:142 Resp: 761

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.8	110.8

Instrument :
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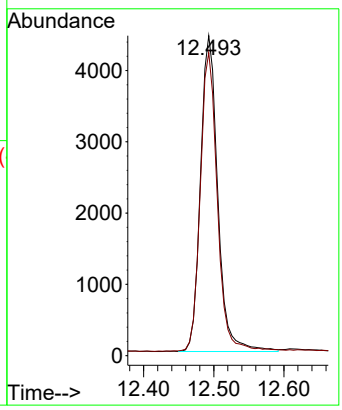
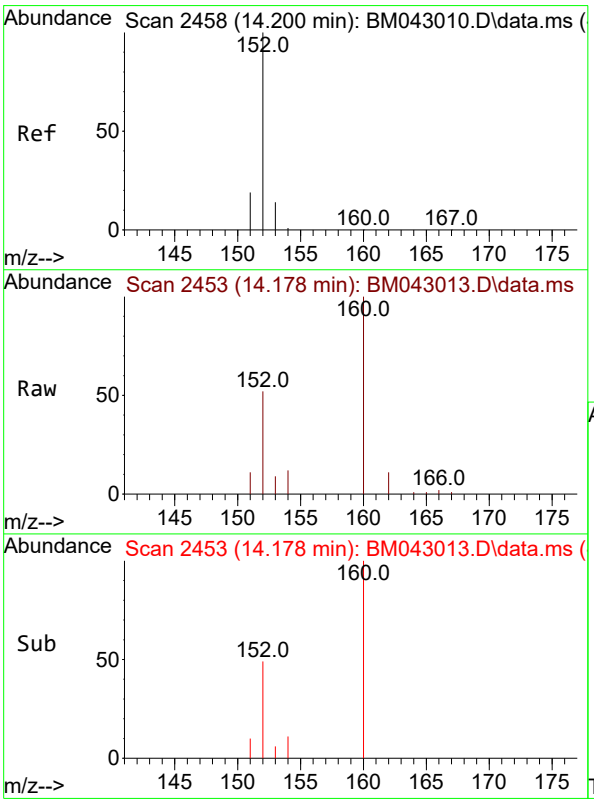
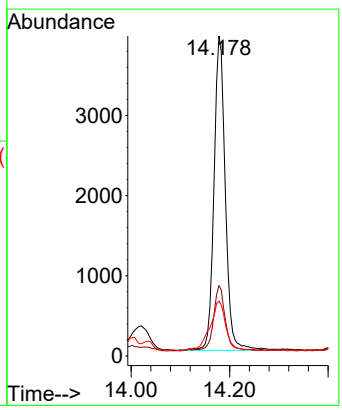


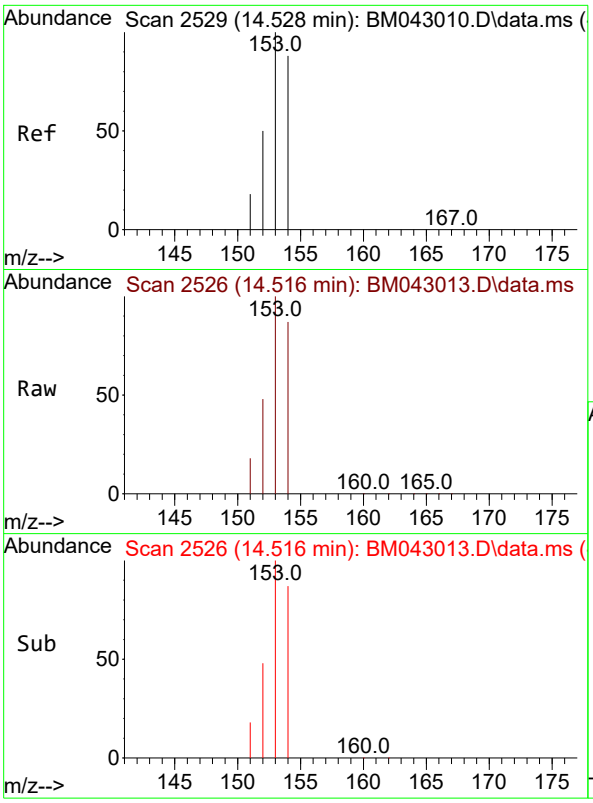


#10
Acenaphthylene
Concen: 0.762 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.026 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:152 Resp: 6263

Ion	Ratio	Lower	Upper
152	100		
151	22.0	19.4	29.0
153	17.1	14.6	21.8

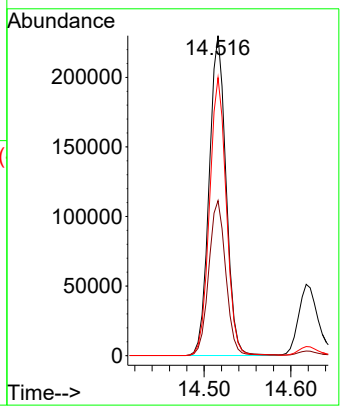




#11
Acenaphthene
Concen: 50.101 ng/ul
RT: 14.516 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:153 Resp: 31209

Ion	Ratio	Lower	Upper
153	100		
152	48.4	43.9	65.9
154	86.9	70.6	105.8



Instrument :
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ClientSampleId :
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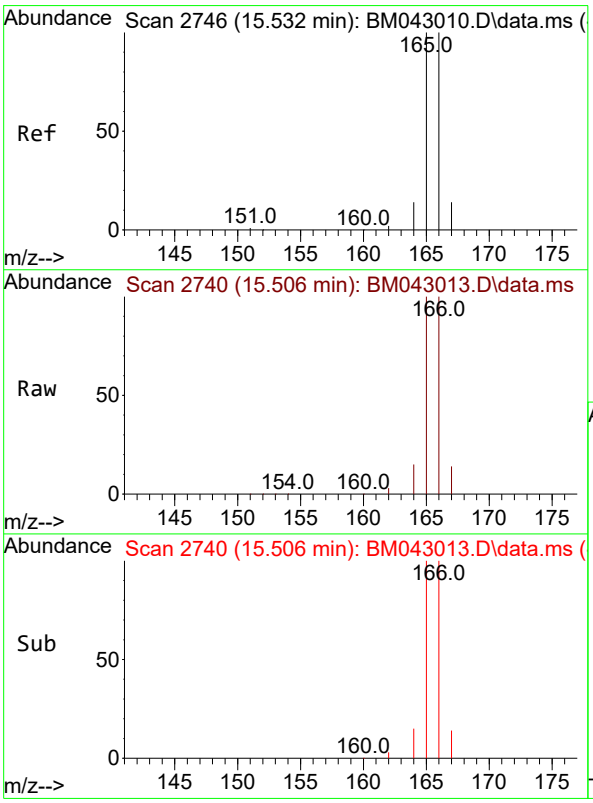
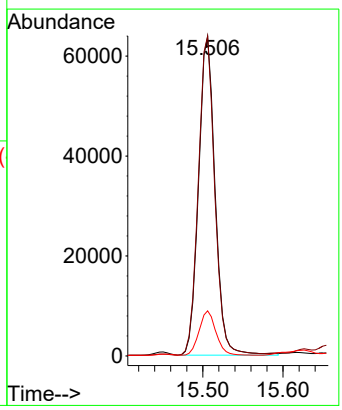
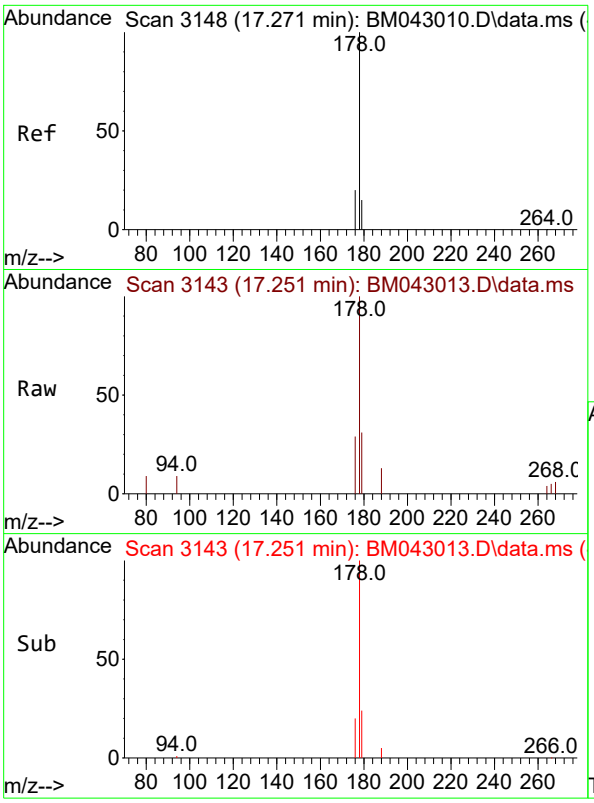


#12
Fluorene
Concen: 14.262 ng/ul
RT: 15.506 min Scan# 2740
Delta R.T. -0.031 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:166 Resp: 91226

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.9	119.9
167	14.1	14.2	21.4#

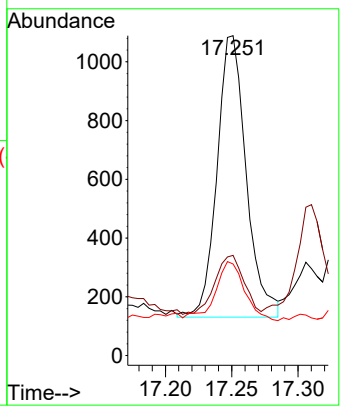




#15
Phenanthrene
Concen: 0.145 ng/ul m
RT: 17.251 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:178 Resp: 146

Ion	Ratio	Lower	Upper
178	100		
179	31.3	15.7	23.5#
176	28.7	18.9	28.3#



Instrument :
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ClientSampleId :
DCKB9

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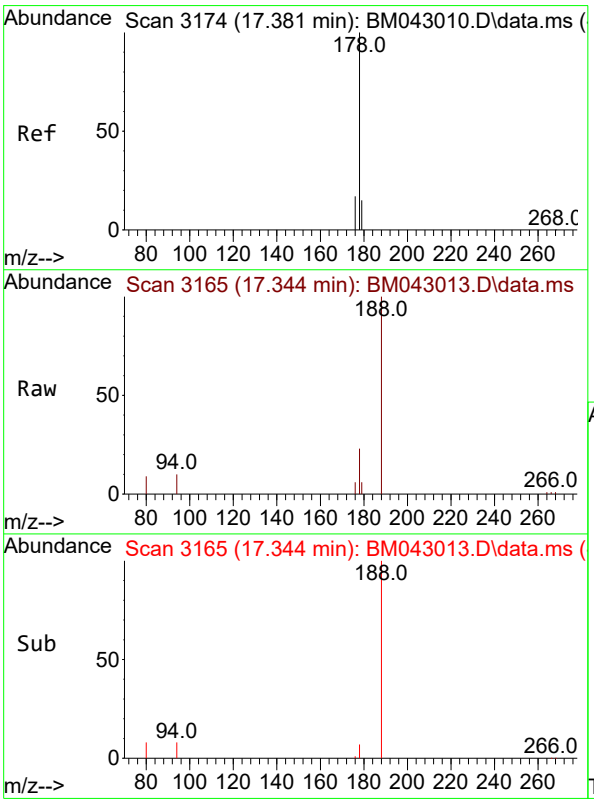
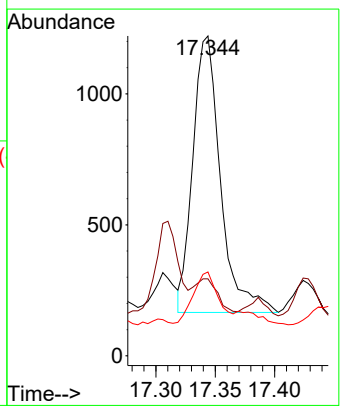
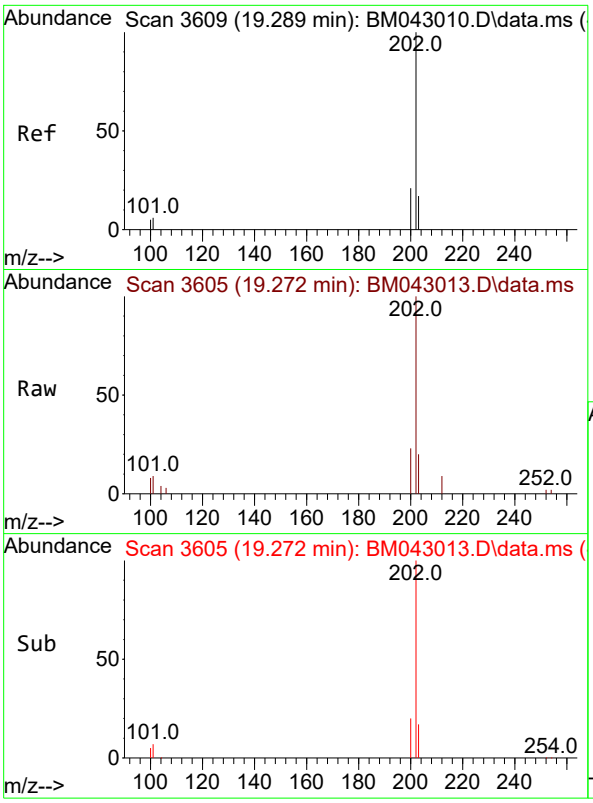


#16
Anthracene
Concen: 0.179 ng/ul
RT: 17.344 min Scan# 3165
Delta R.T. -0.049 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:178 Resp: 1710

Ion	Ratio	Lower	Upper
178	100		
179	24.1	17.3	25.9
176	26.2	20.5	30.7

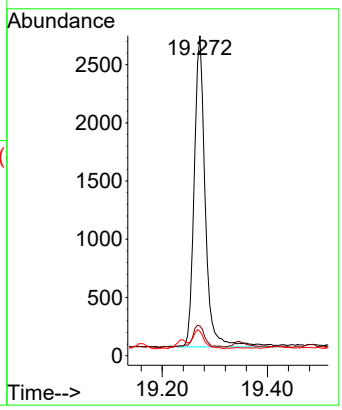




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. -0.022 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:202 Resp: 390

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.8
100	7.6	7.1	10.7



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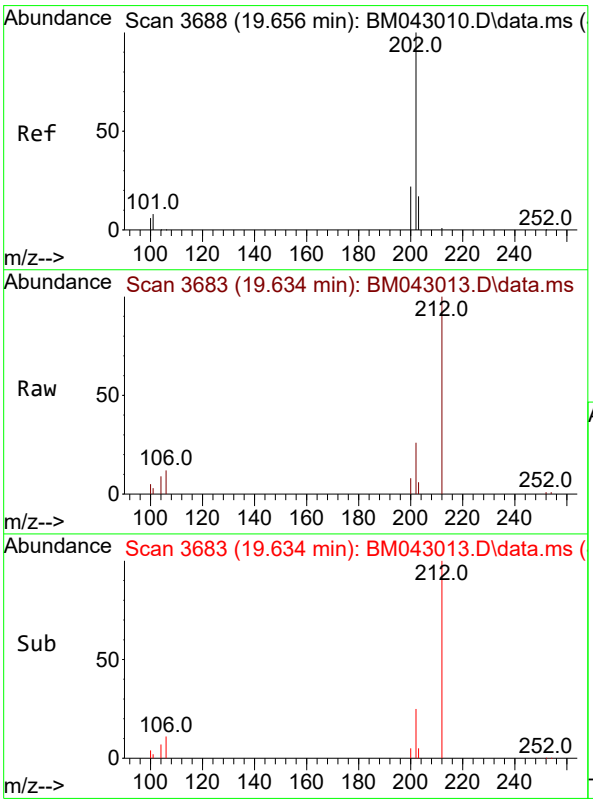

#20
Pyrene
Concen: 0.175 ng/ul
RT: 19.634 min Scan# 3683
Delta R.T. -0.026 min
Lab File: BM043013.D
Acq: 25 Nov 2023 13:51

Tgt Ion:202 Resp: 2139

Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.7	13.1#
100	19.1	7.8	11.8#