Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037018.D
Acq On : 13 Oct 2022 15:44
Operator : CG/JU
Sample : N4976-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8Y3DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 13 23:34:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	7429	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	27463	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	15371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	30852	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	18836	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	14267	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3480	0.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1890	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	3912	0.069	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	5940	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.404	142	1601	0.033	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	2752	0.056	ng/ul	99
10) Acenaphthylene	14.293	152	1712	0.027	ng/ul#	24
11) Acenaphthene	14.631	153	110663	1.996	ng/ul	98
12) Fluorene	15.616	166	63476	1.010	ng/ul	98
15) Phenanthrene	17.351	178	19169	0.195	ng/ul	97
16) Anthracene	17.440	178	10524	0.128	ng/ul	93
19) Fluoranthene	19.359	202	10117	0.135	ng/ul#	90
20) Pyrene	19.721	202	6828m	0.087	ng/ul	

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

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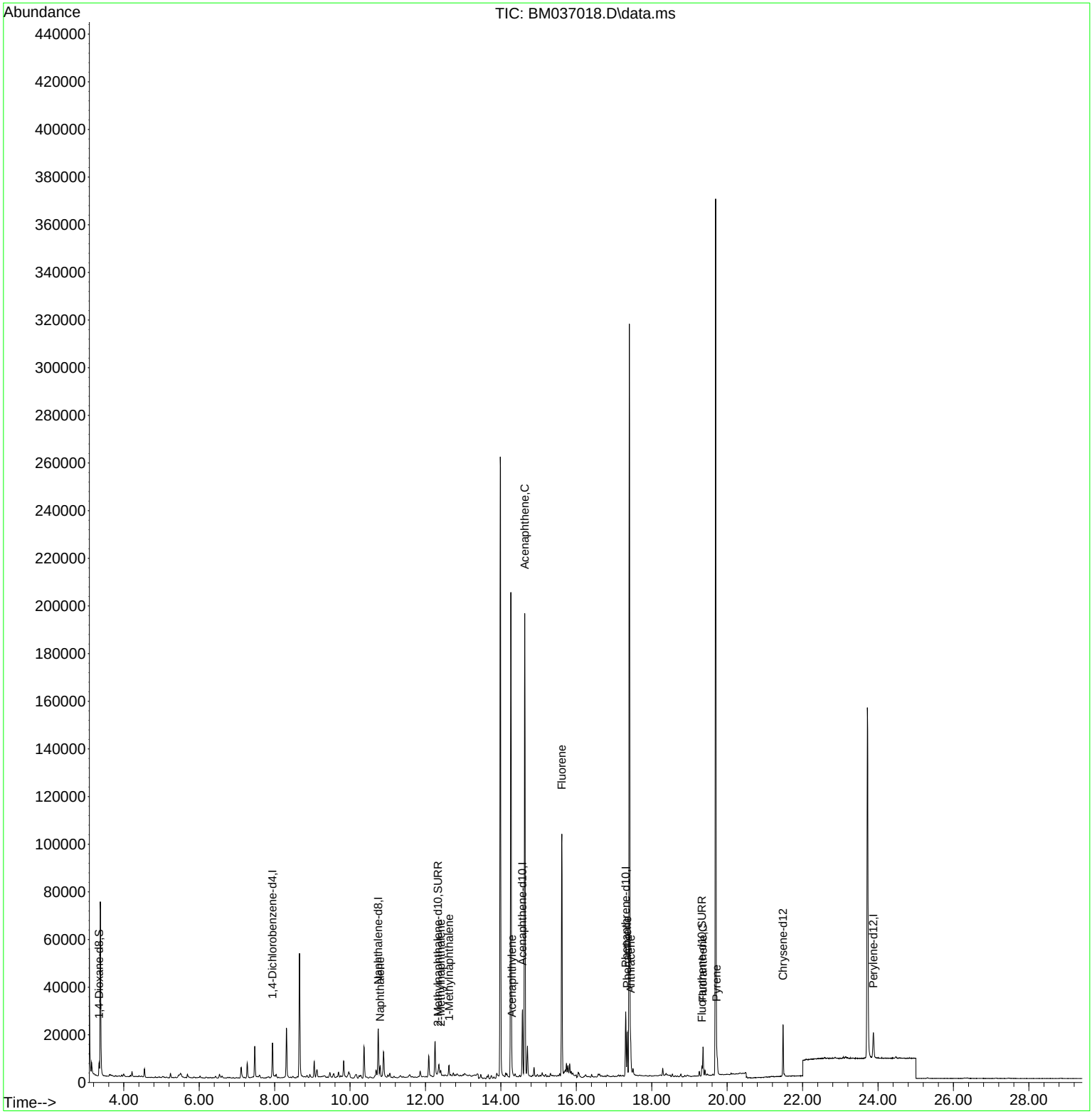
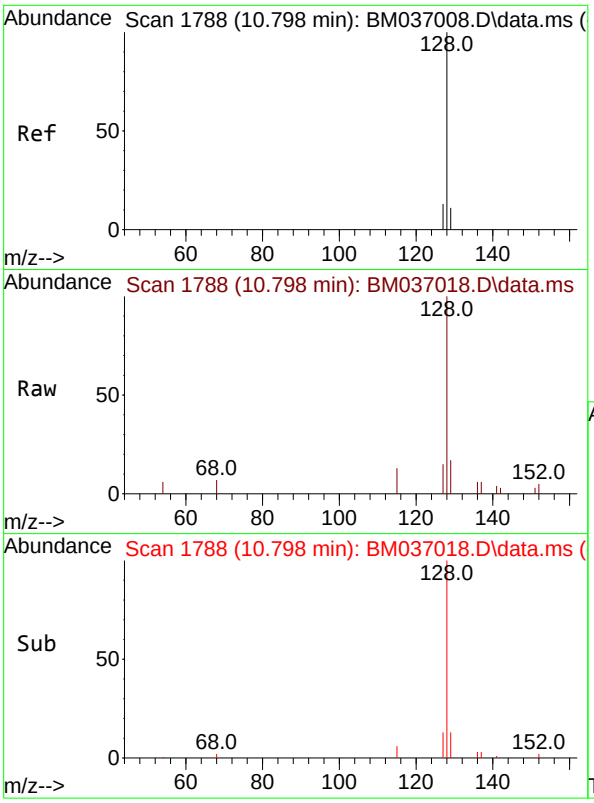
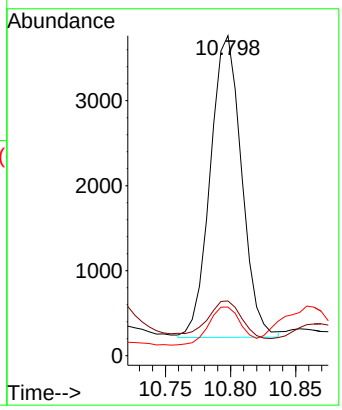




#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.798 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:128 Resp: 594

Ion	Ratio	Lower	Upper
128	100		
129	17.1	10.2	15.2#
127	15.2	11.7	17.5



Instrument :
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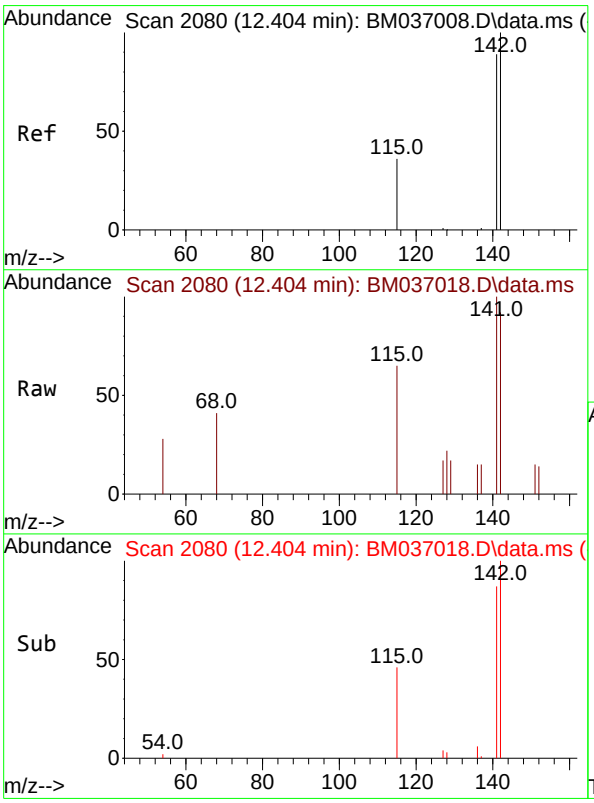
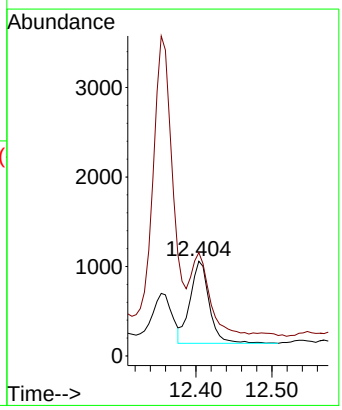
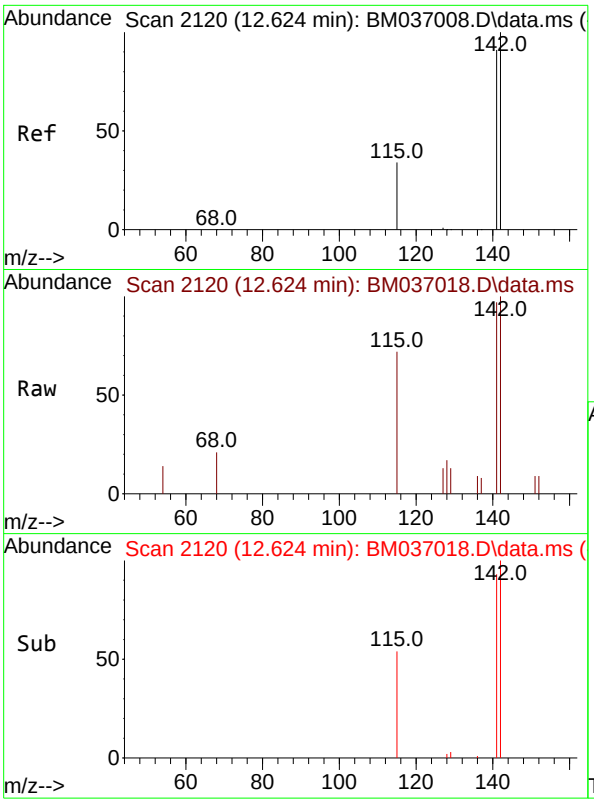


#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:142 Resp: 1601

Ion	Ratio	Lower	Upper
142	100		
141	105.8	77.4	116.0





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.624 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:142 Resp: 275

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.1	111.1

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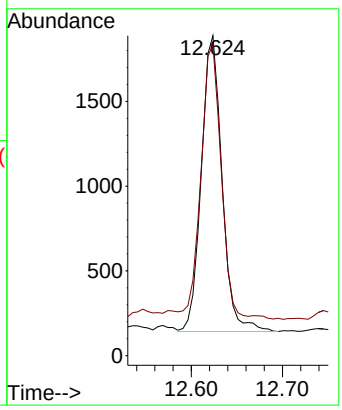
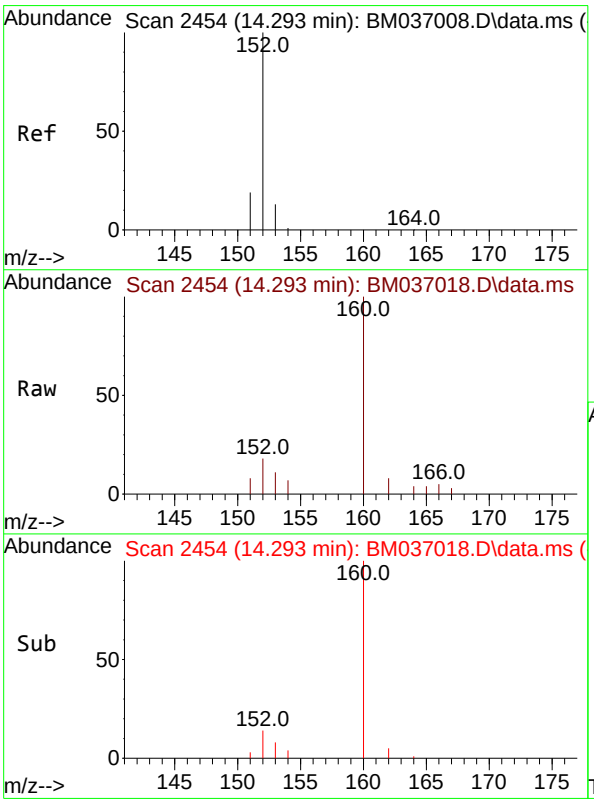
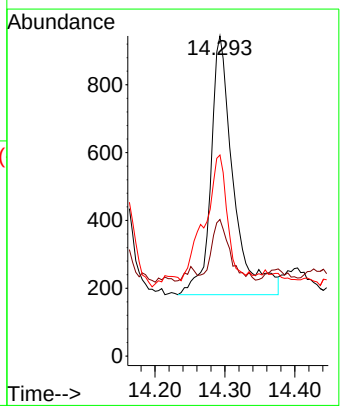


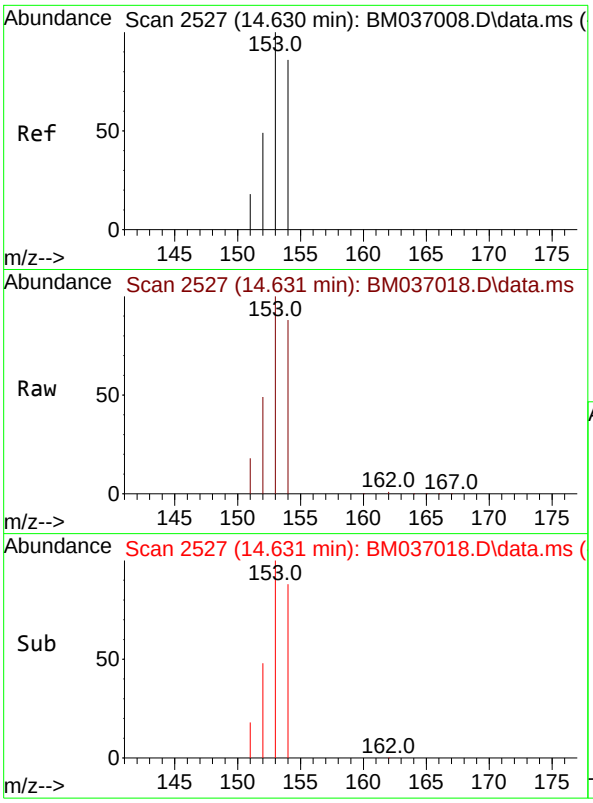


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:152 Resp: 1712

Ion	Ratio	Lower	Upper
152	100		
151	42.7	16.6	24.8#
153	62.8	11.4	17.0#

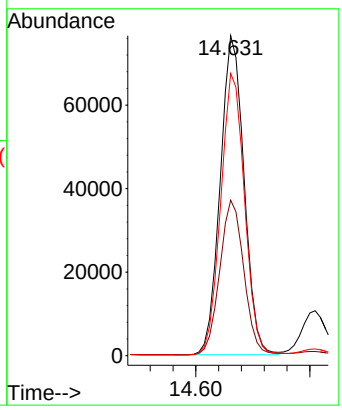




#11
Acenaphthene
Concen: 1.996 ng/ul
RT: 14.631 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:153 Resp: 11066

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.2	60.4
154	88.2	69.7	104.5



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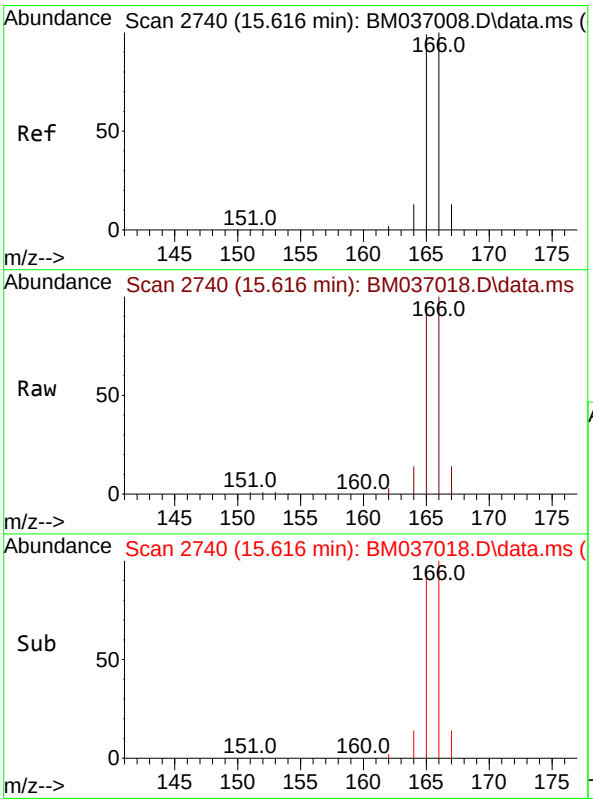
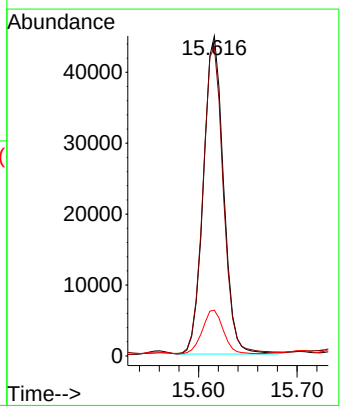
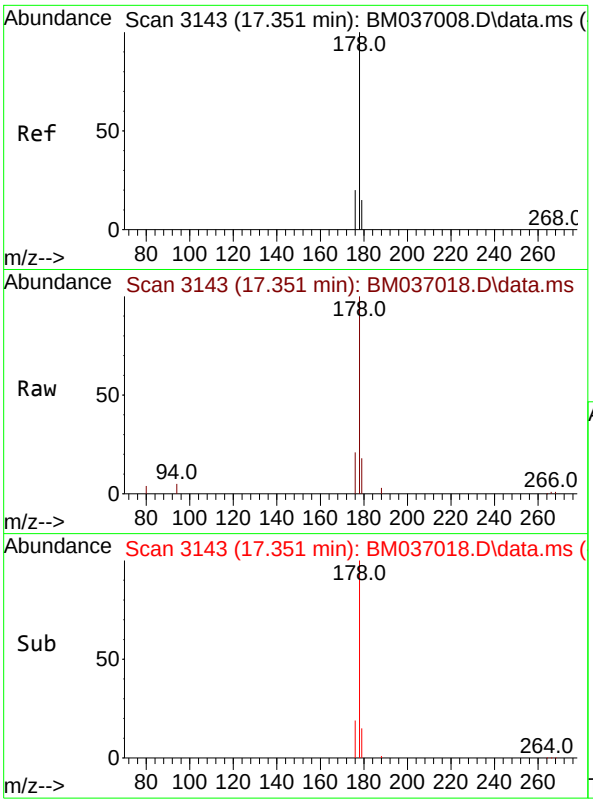


#12
Fluorene
Concen: 1.010 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:166 Resp: 63476

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.9	118.3
167	14.3	11.3	16.9

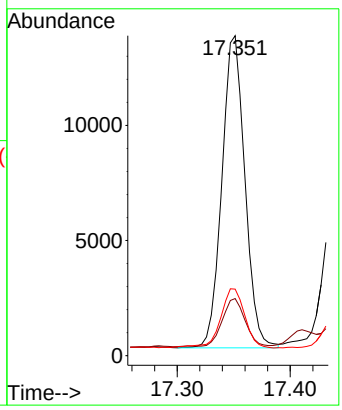




#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:178 Resp: 1916

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.8	15.6	23.4



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ClientSampleId :
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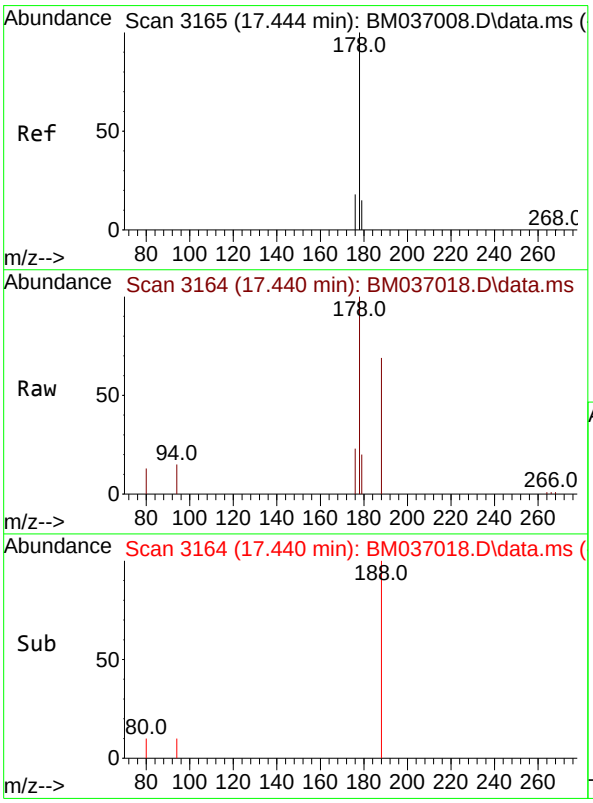
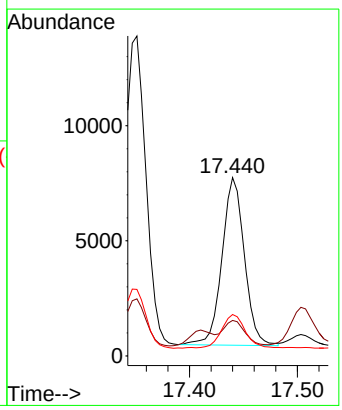
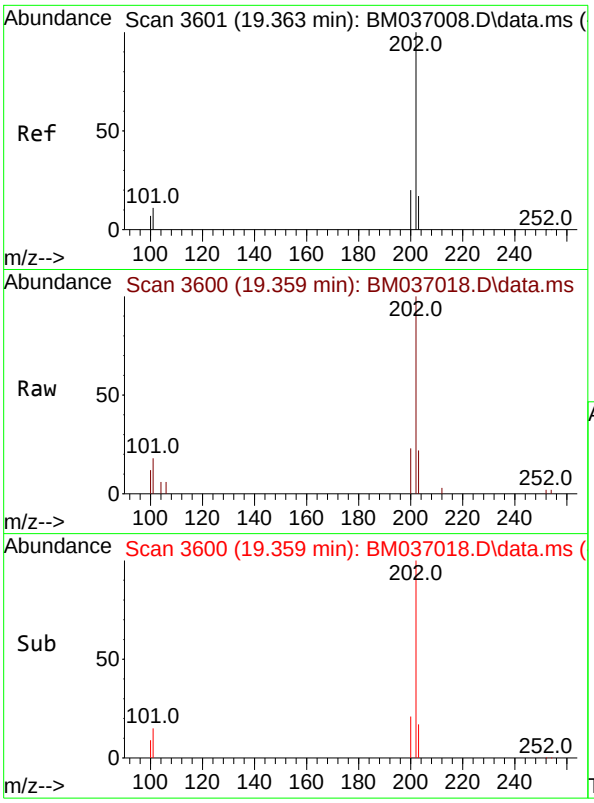


#16
Anthracene
Concen: 0.128 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:178 Resp: 10524

Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.6	20.4
176	23.2	15.6	23.4





#19
Fluoranthene
Concen: 0.135 ng/ul
RT: 19.359 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:202 Resp: 1011

Ion	Ratio	Lower	Upper
202	100		
101	18.1	10.1	15.1#
100	11.7	7.9	11.9

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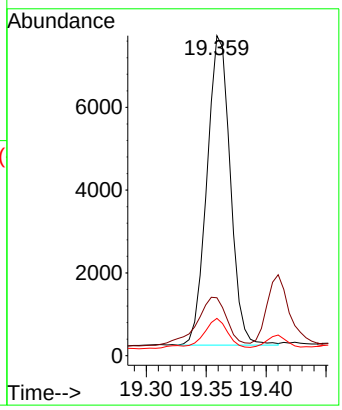

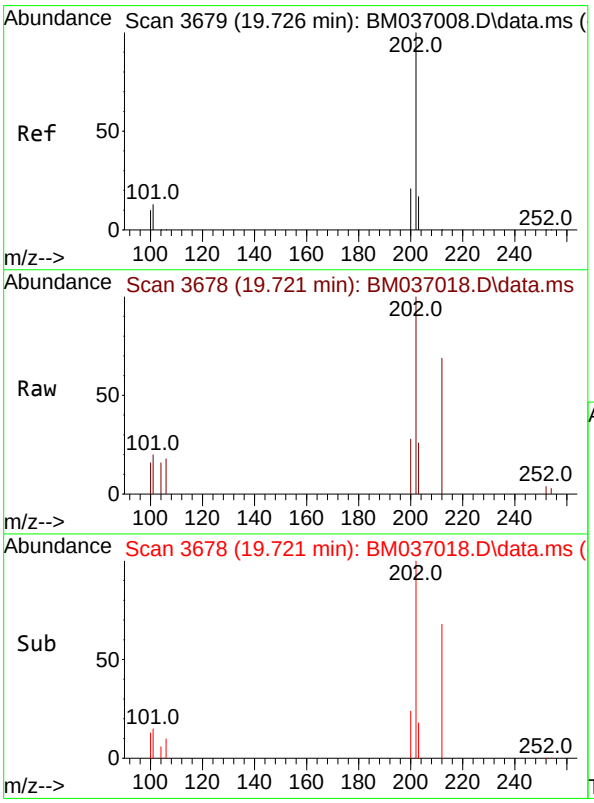

#20
Pyrene
Concen: 0.087 ng/ul m
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:202 Resp: 6828

Ion	Ratio	Lower	Upper
202	100		
101	19.5	12.0	18.0#
100	15.7	9.8	14.6#