Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036960.D
Acq On : 12 Oct 2022 00:15
Operator : CG/JU
Sample : N4976-02
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8X5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 12 02:23:59 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	7.951	152	9607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	34008	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	25948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	35731	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	21017	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	20221	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	42963	3.171	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	12416	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	22669	0.361	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.803	128	48185	0.496	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	6270	0.105	ng/ul	96
8) 1-Methylnaphthalene	12.629	142	16437	0.272	ng/ul	98
10) Acenaphthylene	14.302	152	9145	0.085	ng/ul#	30
11) Acenaphthene	14.640	153	456082	4.873	ng/ul	97
12) Fluorene	15.620	166	210155	1.982	ng/ul	99
15) Phenanthrene	17.355	178	21923	0.192	ng/ul#	80
16) Anthracene	17.448	178	29210	0.306	ng/ul#	82
19) Fluoranthene	19.363	202	25445	0.304	ng/ul#	75
20) Pyrene	19.726	202	17295m	0.198	ng/ul	
21) Benzo(a)anthracene	21.468	228	3725	0.049	ng/ul#	47
22) Chrysene	21.517	228	2869	0.035	ng/ul#	28
24) Benzo(b)fluoranthene	23.148	252	2797	0.031	ng/ul#	1

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

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Acq On : 12 Oct 2022 00:15
Operator : CG/JU
Sample : N4976-02
Misc :
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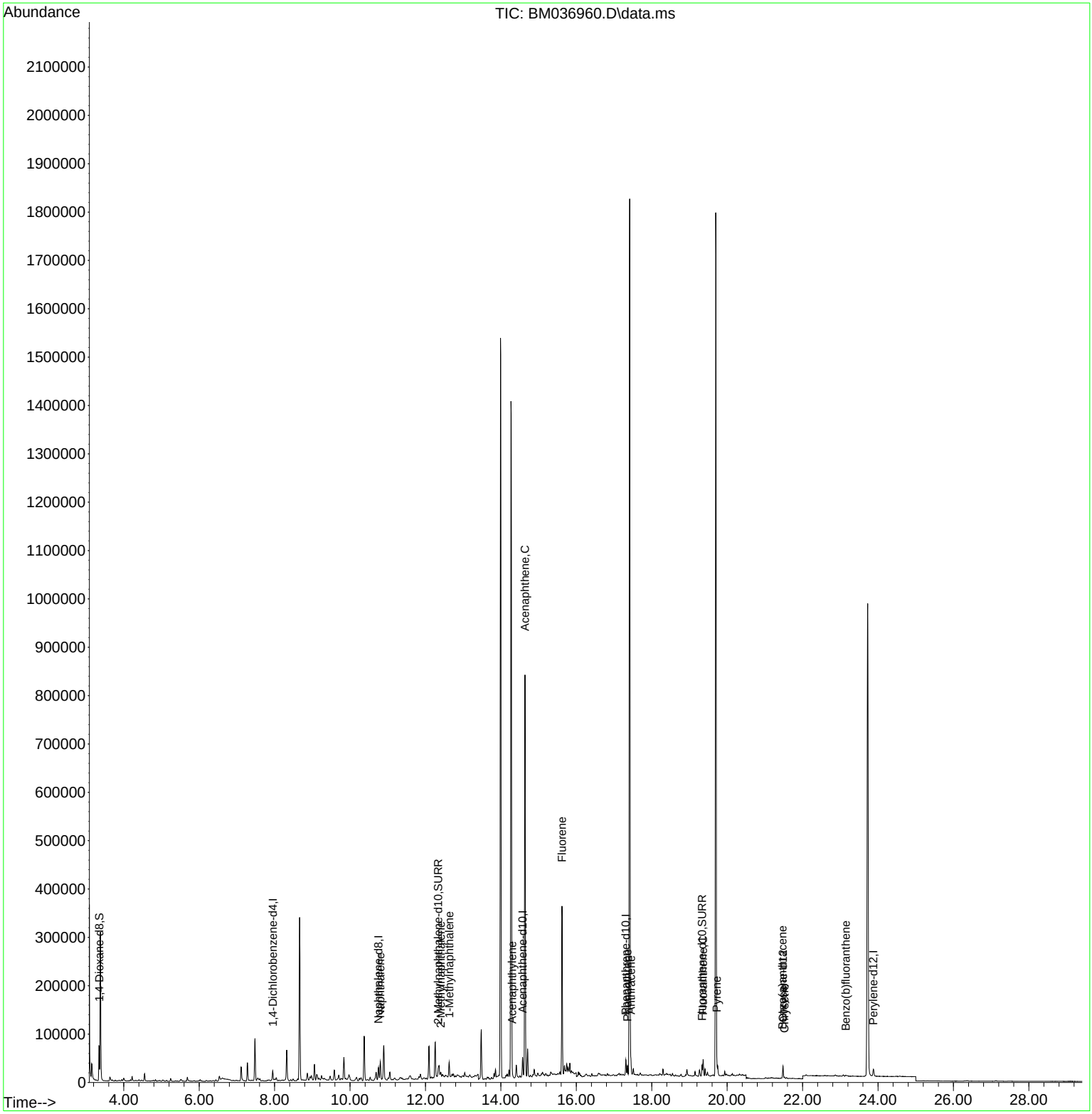

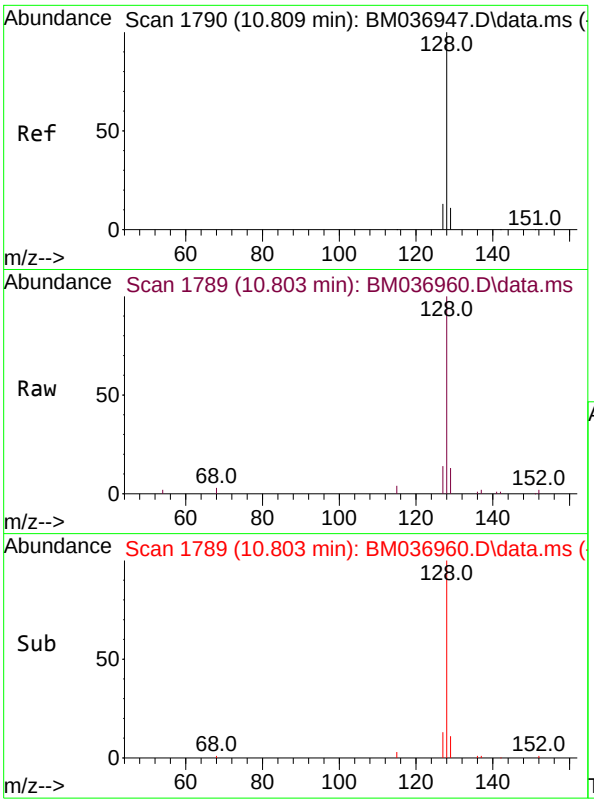

#5
Naphthalene
Concen: 0.496 ng/ul
RT: 10.803 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:128 Resp: 4818

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	13.7	11.7	17.5

Instrument :
BNA_M
ClientSampleId :
CB8X5

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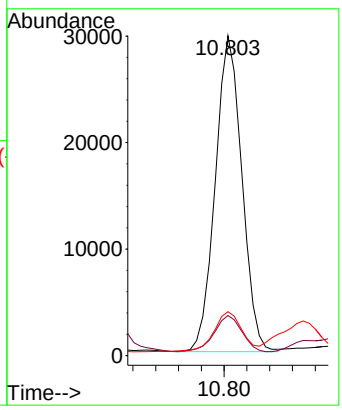
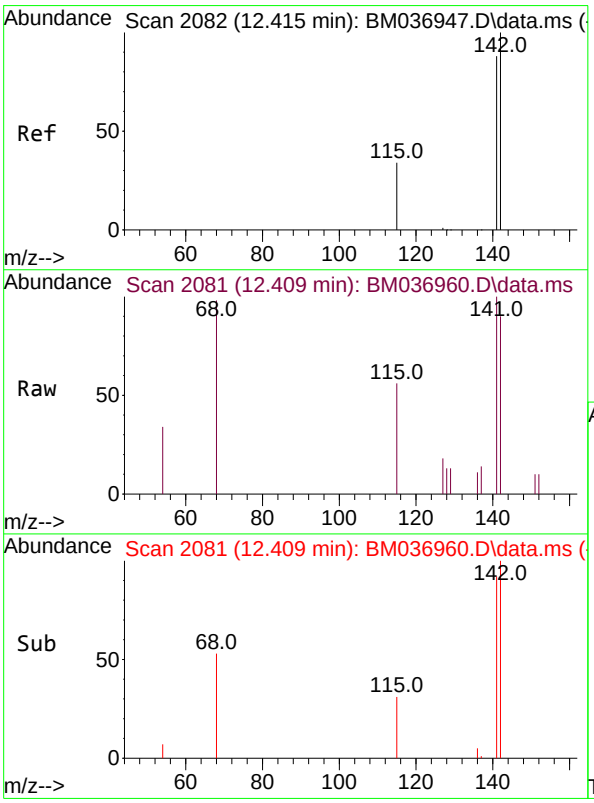
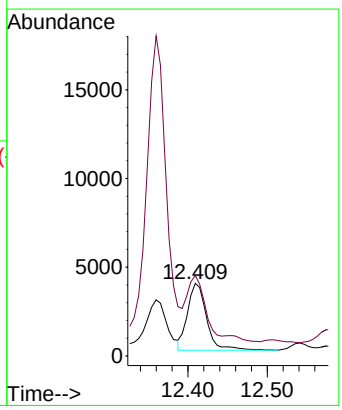


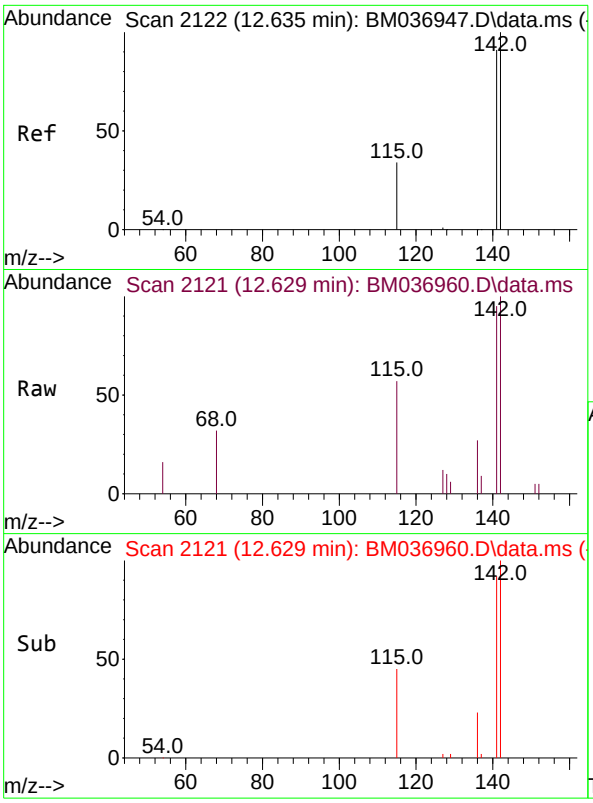


#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:142 Resp: 6270

Ion	Ratio	Lower	Upper
142	100		
141	101.0	77.4	116.0





#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.629 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:142 Resp: 1643

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.1	111.1

Instrument :
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ClientSampleId :
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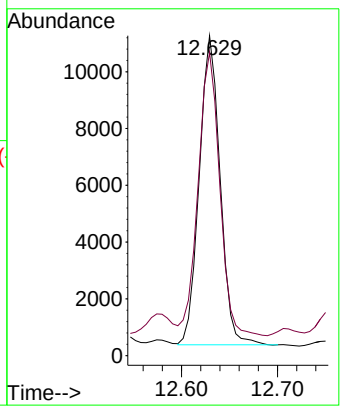
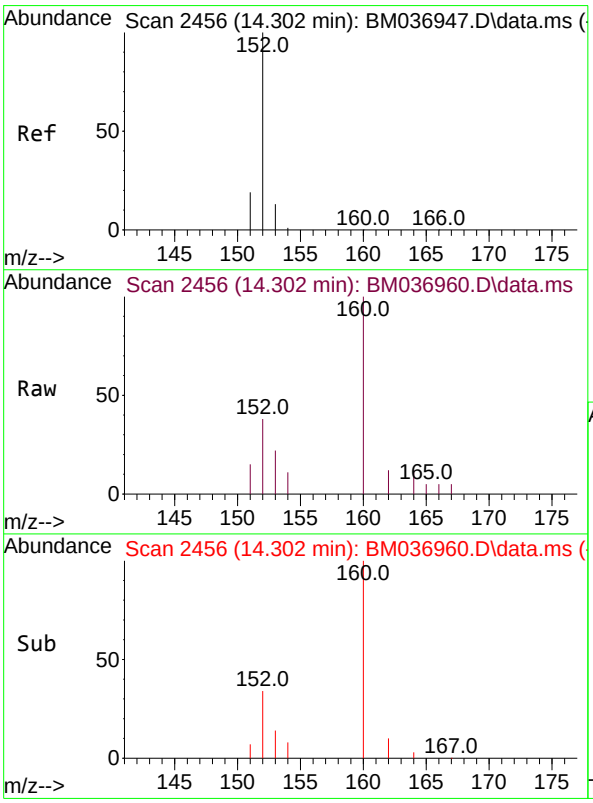
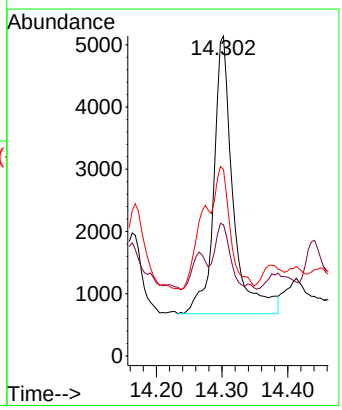


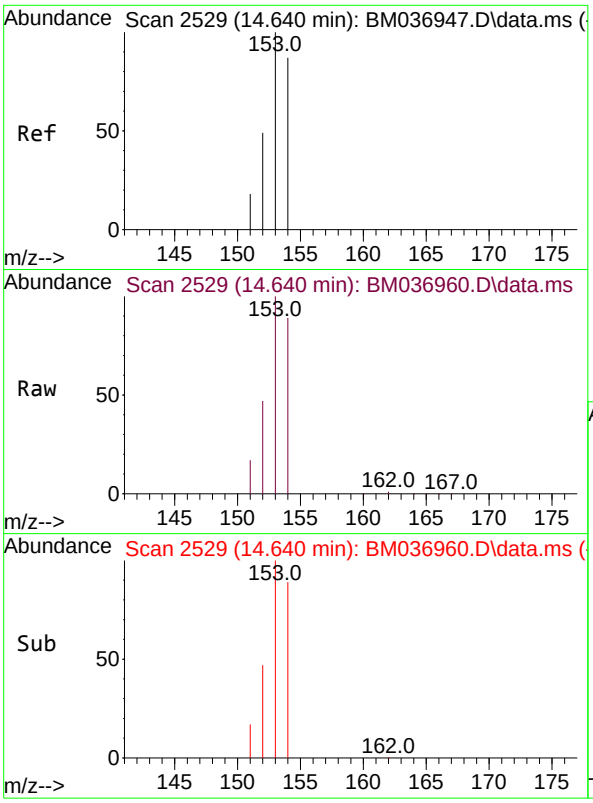


#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:152 Resp: 9145

Ion	Ratio	Lower	Upper
152	100		
151	41.0	16.6	24.8#
153	58.3	11.4	17.0#

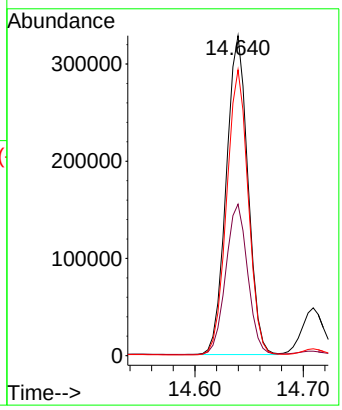




#11
Acenaphthene
Concen: 4.873 ng/ul
RT: 14.640 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:153 Resp: 45608

Ion	Ratio	Lower	Upper
153	100		
152	47.3	40.2	60.4
154	89.3	69.7	104.5



Instrument :
BNA_M
ClientSampleId :
CB8X5

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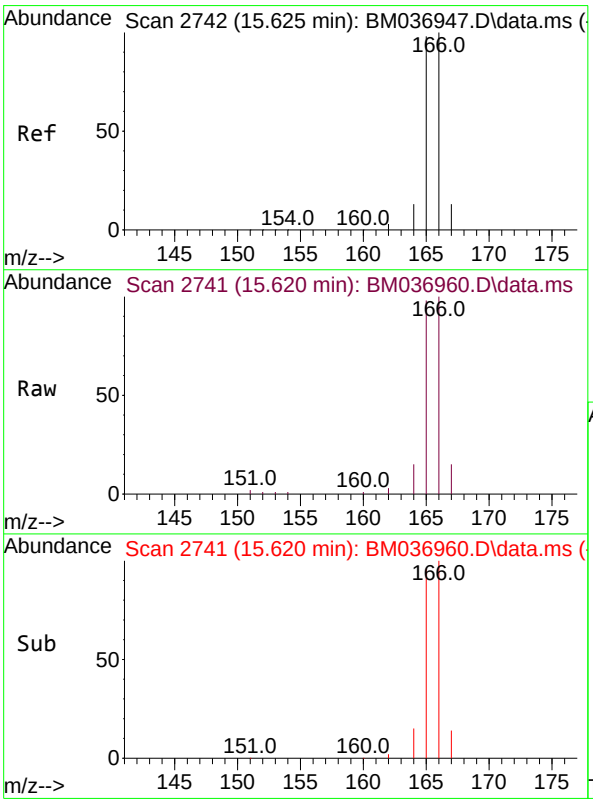
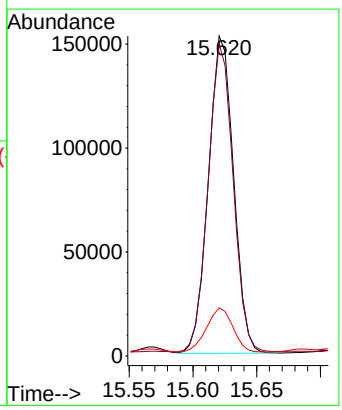
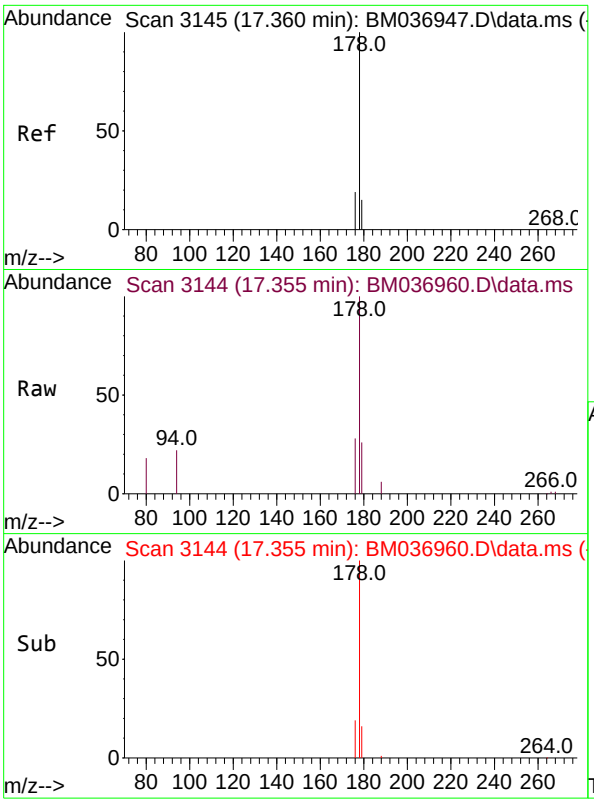


#12
Fluorene
Concen: 1.982 ng/ul
RT: 15.620 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:166 Resp: 210155

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.9	118.3
167	15.0	11.3	16.9

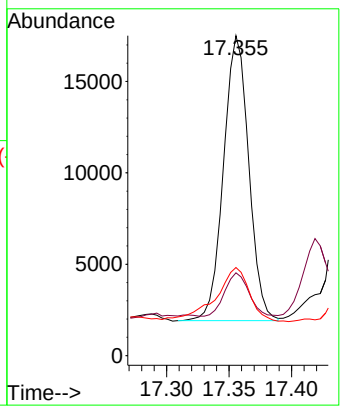




#15
Phenanthrene
Concen: 0.192 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:178 Resp: 2192

Ion	Ratio	Lower	Upper
178	100		
179	25.9	13.0	19.6#
176	27.6	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
CB8X5

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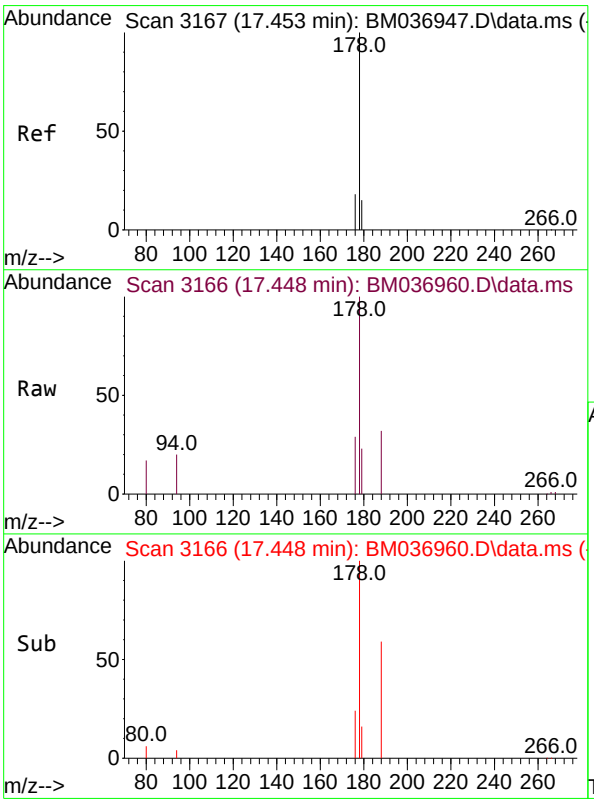
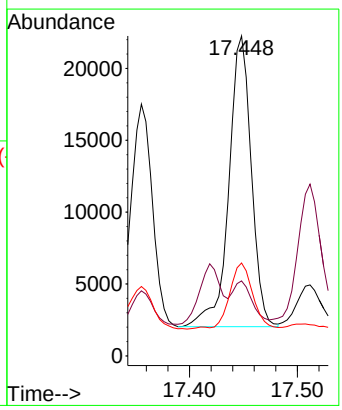
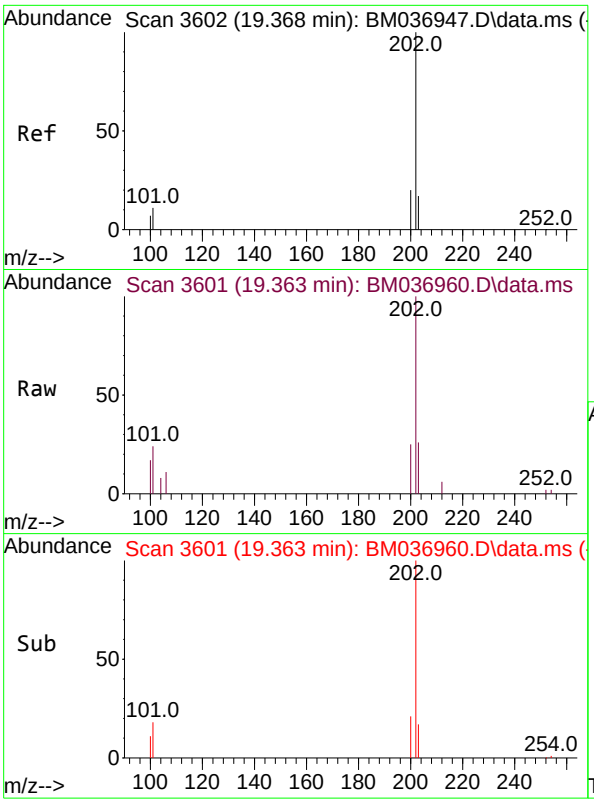


#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:178 Resp: 29210

Ion	Ratio	Lower	Upper
178	100		
179	23.5	13.6	20.4#
176	29.0	15.6	23.4#





#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.363 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:202 Resp: 2544

Ion	Ratio	Lower	Upper
202	100		
101	24.4	10.1	15.1#
100	16.9	7.9	11.9#

Instrument :
BNA_M
ClientSampleId :
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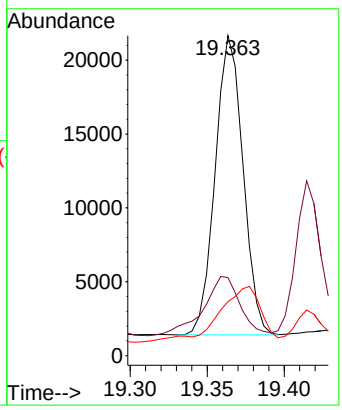
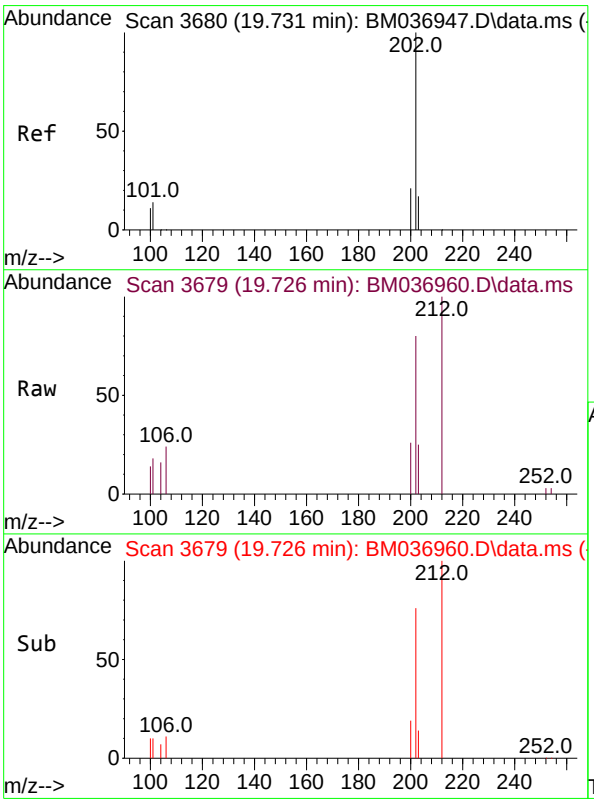
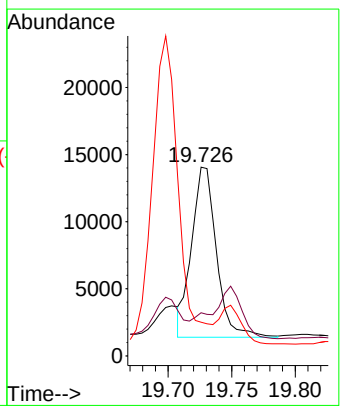


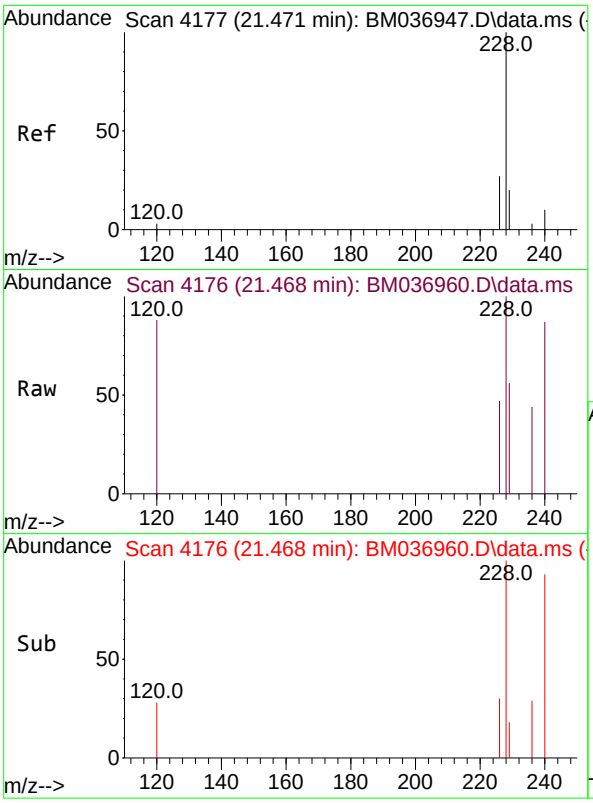


#20
Pyrene
Concen: 0.198 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:202 Resp: 17295

Ion	Ratio	Lower	Upper
202	100		
101	22.8	12.0	18.0#
100	17.8	9.8	14.6#

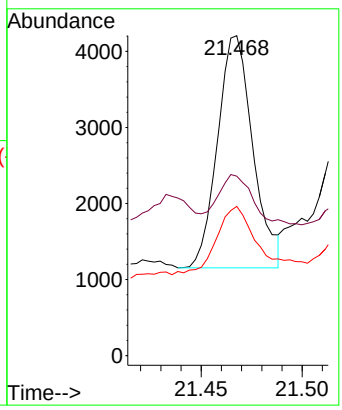




#21
Benzo(a)anthracene
Concen: 0.049 ng/ul
RT: 21.468 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:228 Resp: 372

Ion	Ratio	Lower	Upper
228	100		
229	56.1	16.2	24.2#
226	46.6	22.5	33.7#



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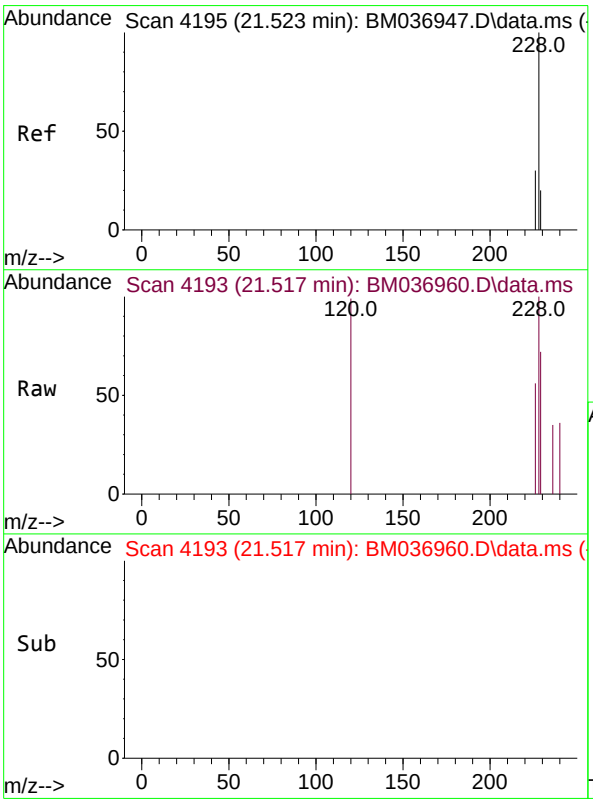
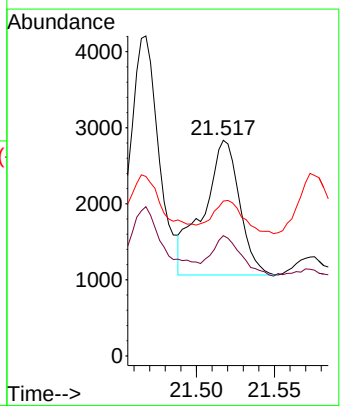
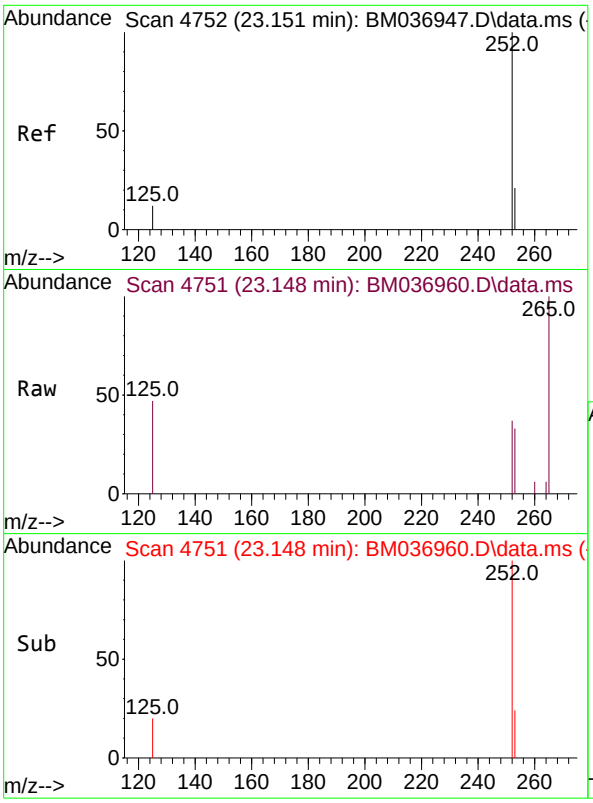


#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:228 Resp: 2869

Ion	Ratio	Lower	Upper
228	100		
226	55.8	24.6	37.0#
229	71.8	16.4	24.6#

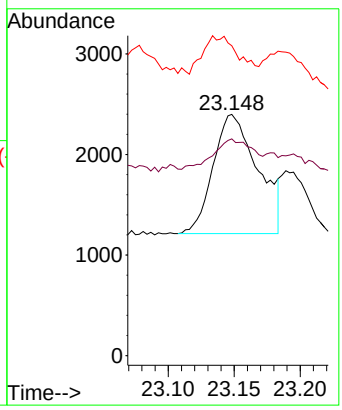




#24
Benzo(b)fluoranthene
Concen: 0.031 ng/ul
RT: 23.148 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM036960.D
Acq: 12 Oct 2022 00:15

Tgt Ion:252 Resp: 279

Ion	Ratio	Lower	Upper
252	100		
253	89.9	0.0	61.4#
125	128.5	0.0	42.6#



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