Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032660.D
Acq On : 21 Oct 2021 17:14
Operator : CG/JU
Sample : M4207-01DL 2X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B03DL

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Quant Time: Oct 21 17:59:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 16:33:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5645	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	19199	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	9764	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	19047	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	14288	0.40	ng/ul	0.00
23) Perylene-d12	23.254	264	13676	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	2916	0.46	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	767	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	1279	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	8376	0.14	ng/ul	98
7) 2-Methylnaphthalene	12.008	142	6798	0.18	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	5737	0.15	ng/ul	100
10) Acenaphthylene	13.924	152	2080	0.05	ng/ul#	90
11) Acenaphthene	14.270	153	1463	0.04	ng/ul	98
12) Fluorene	15.256	166	1992	0.05	ng/ul#	93
15) Phenanthrene	16.981	178	46724	0.73	ng/ul	99
16) Anthracene	17.071	178	3691	0.07	ng/ul#	94
19) Fluoranthene	18.996	202	48925	0.69	ng/ul	100
20) Pyrene	19.358	202	44611	0.61	ng/ul	99
21) Benzo(a)anthracene	21.101	228	13861	0.25	ng/ul	98
22) Chrysene	21.155	228	23166	0.38	ng/ul	98
24) Benzo(b)fluoranthene	22.622	252	25477m	0.40	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	9294m	0.15	ng/ul	
26) Benzo(a)pyrene	23.160	252	13971	0.26	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.357	276	11488	0.18	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.360	278	2778	0.05	ng/ul#	58
29) Benzo(g,h,i)perylene	26.004	276	10399	0.18	ng/ul	96

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

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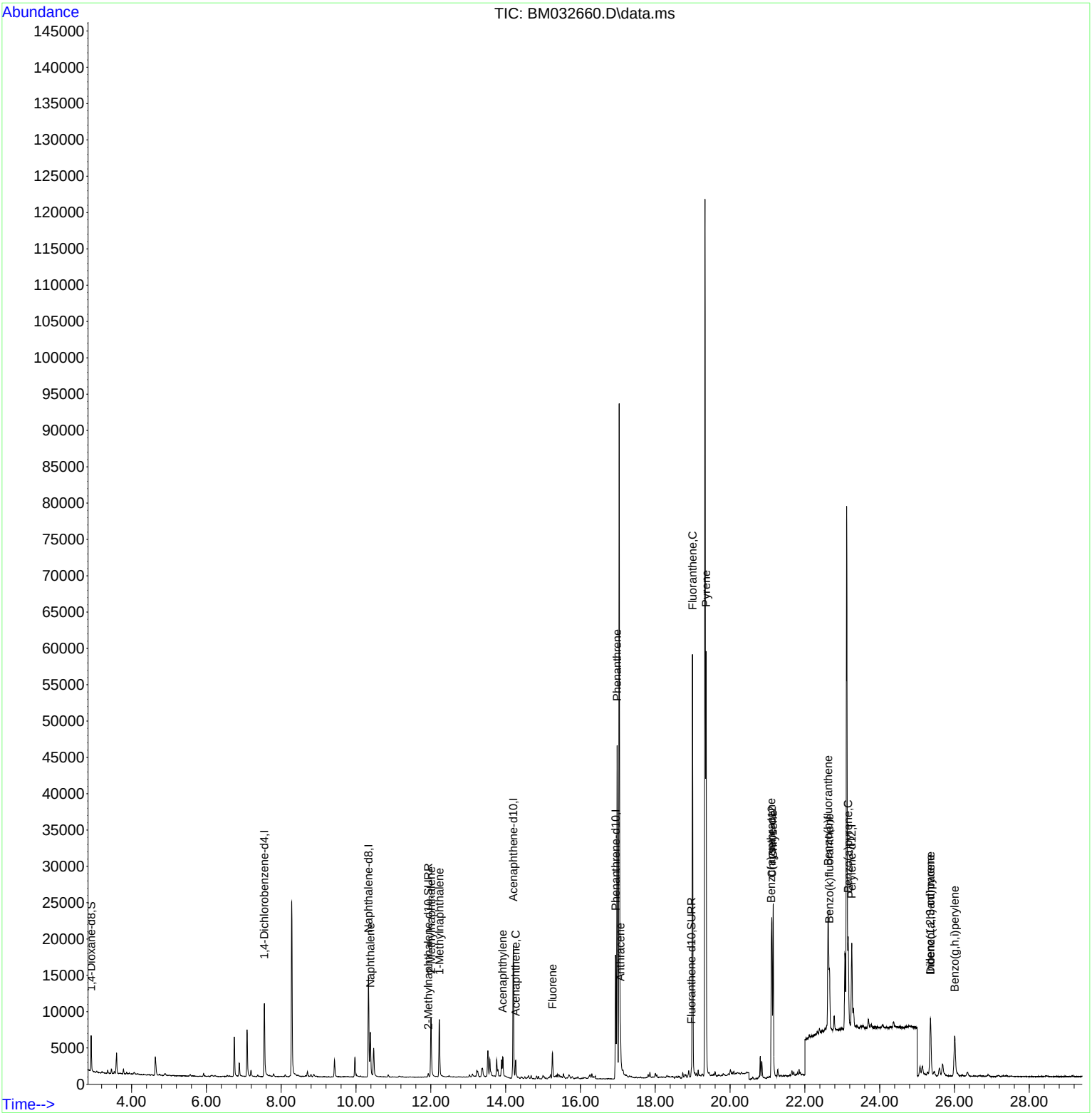
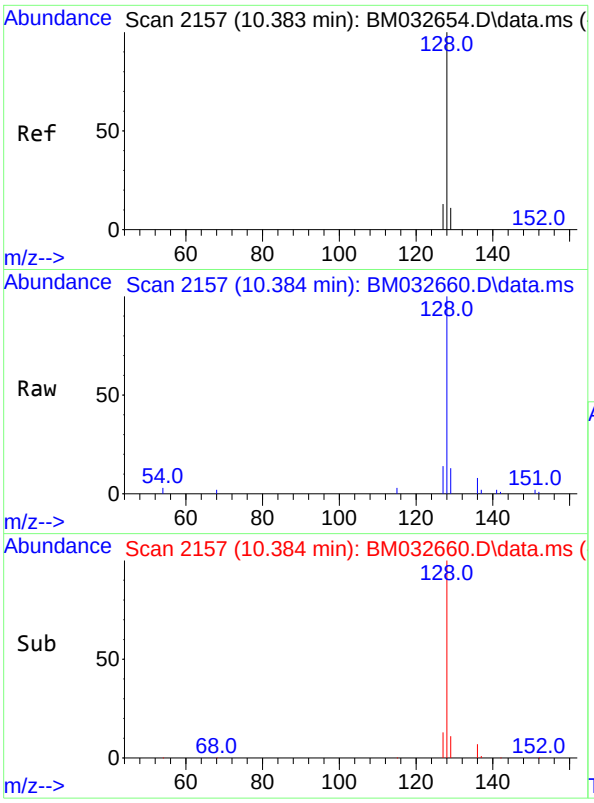
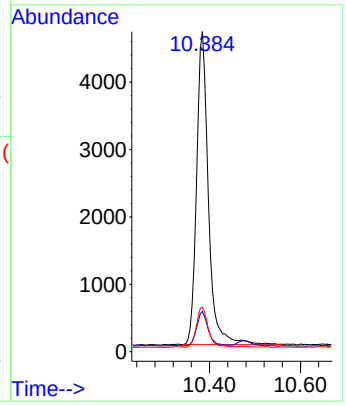


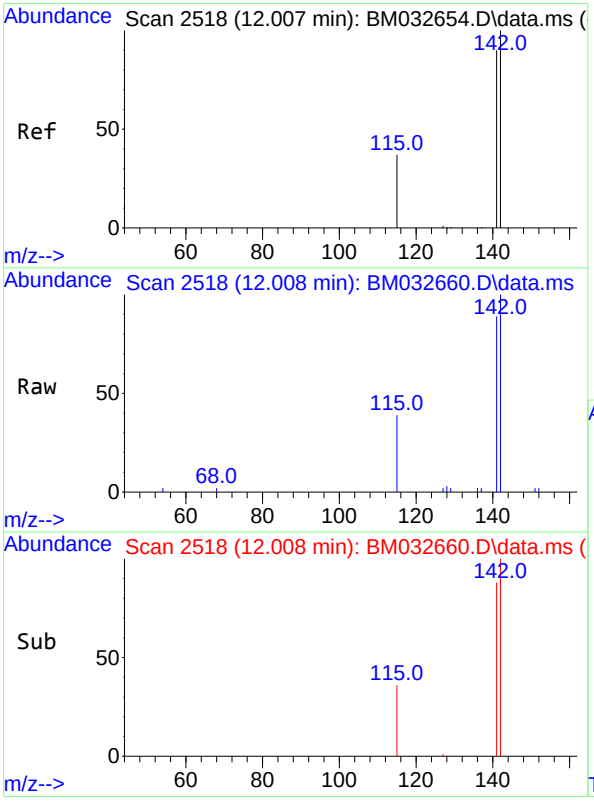


#5
Naphthalene
Concen: 0.14 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:128 Resp: 8376

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	13.9	11.1	16.7

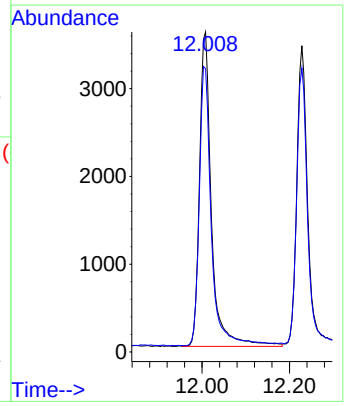




#7
2-Methylnaphthalene
Concen: 0.18 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:142 Resp: 6798

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.2



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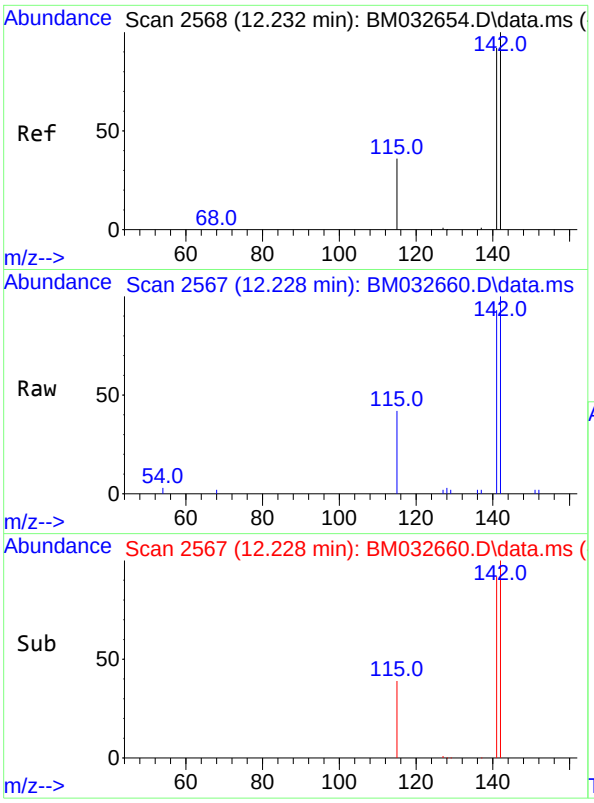
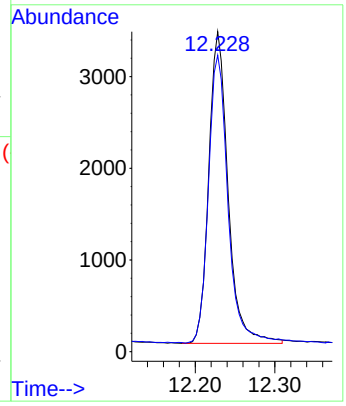


#8
1-Methylnaphthalene
Concen: 0.15 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:142 Resp: 5737

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.9	112.3



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ClientSampleId :
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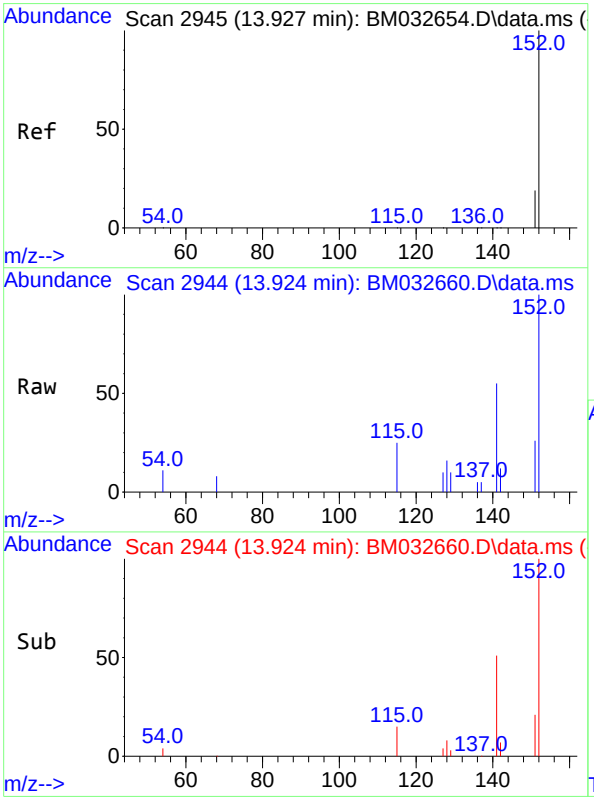
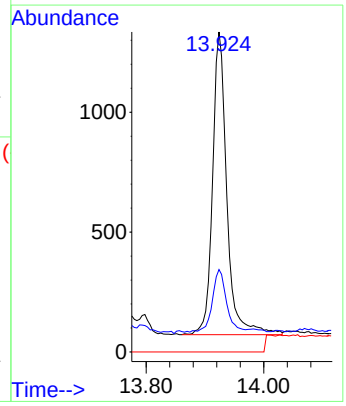
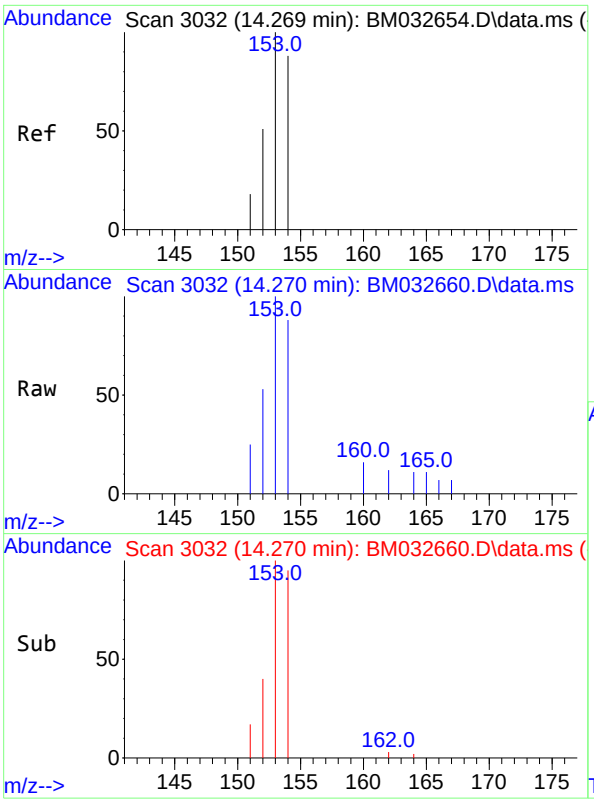


#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:152 Resp: 2080

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.7	25.1#
153	0.0	0.0	0.0

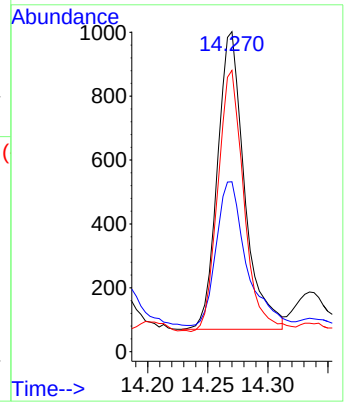




#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:153 Resp: 1463

Ion	Ratio	Lower	Upper
153	100		
152	53.1	40.4	60.6
154	87.9	70.8	106.2



Instrument :
BNA_M
ClientSampleId :
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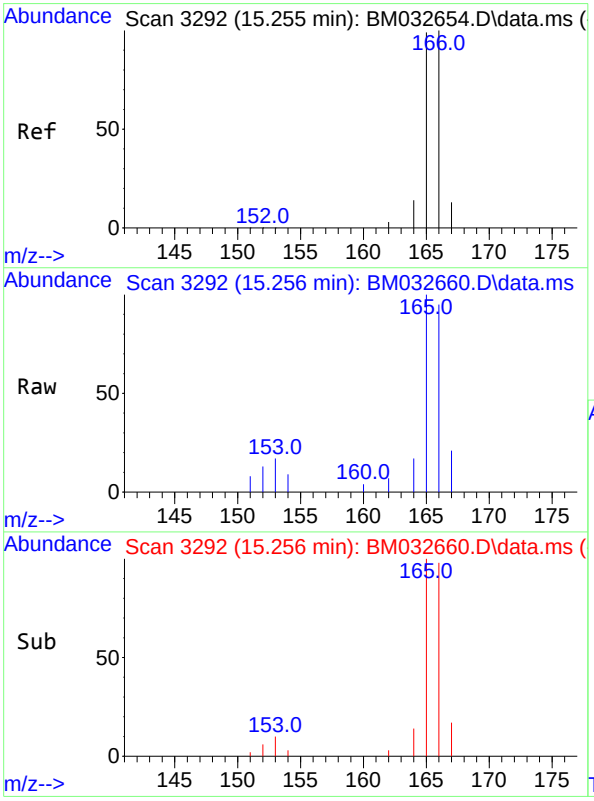
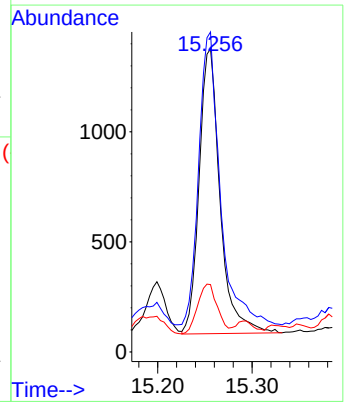
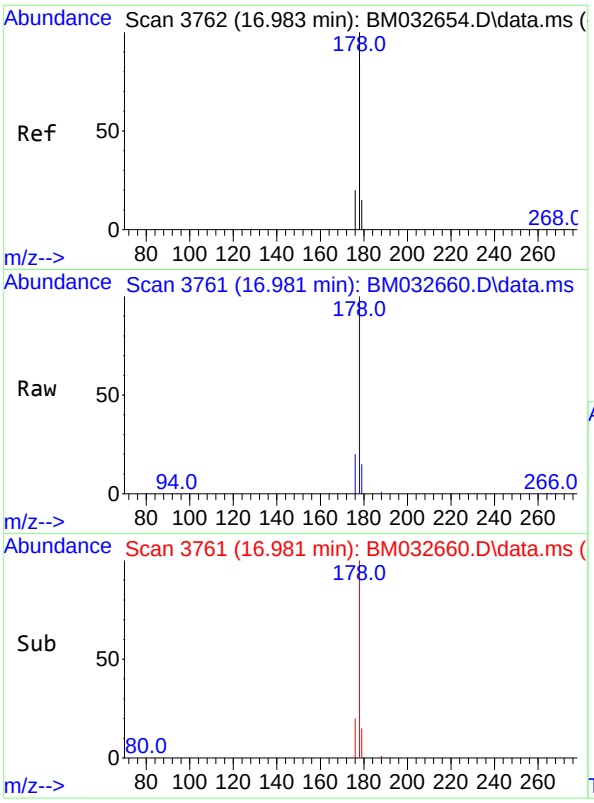


#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:166 Resp: 1992

Ion	Ratio	Lower	Upper
166	100		
165	105.6	80.7	121.1
167	22.2	11.2	16.8#

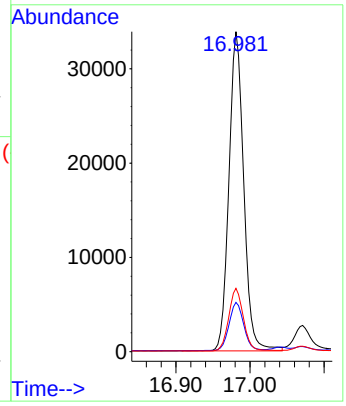




#15
Phenanthrene
Concen: 0.73 ng/ul
RT: 16.981 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:178 Resp: 46724

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.8	16.1	24.1



Instrument :
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ClientSampleId :
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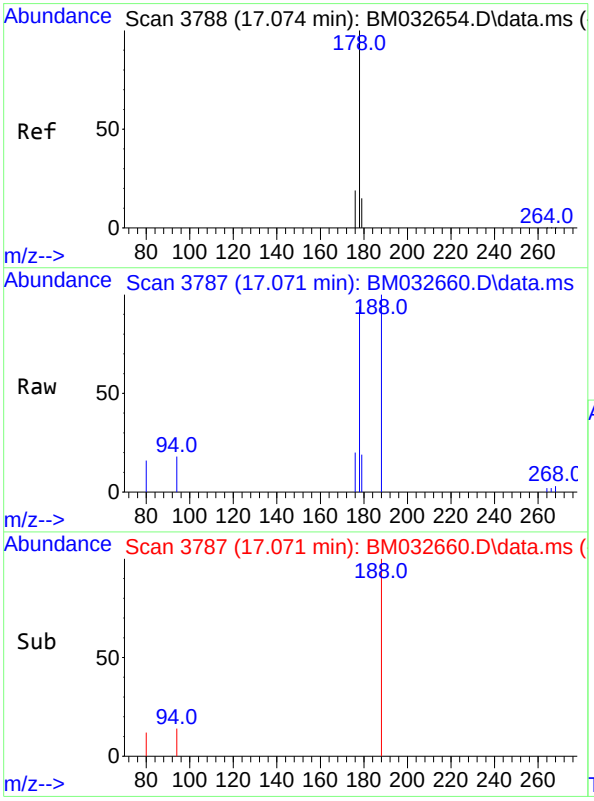
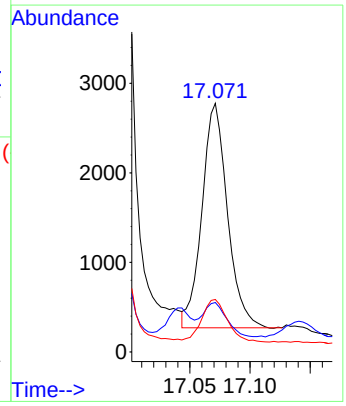
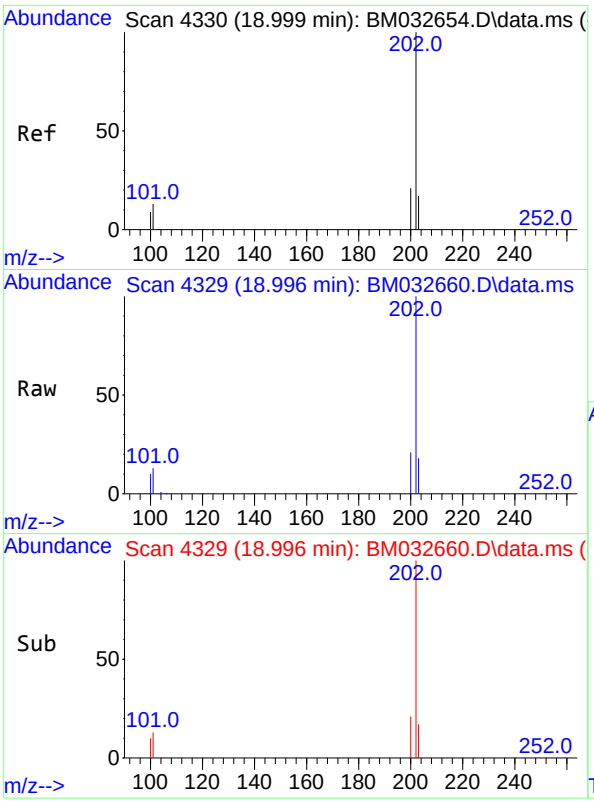


#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:178 Resp: 3691

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.9	19.3#
176	21.1	15.8	23.6

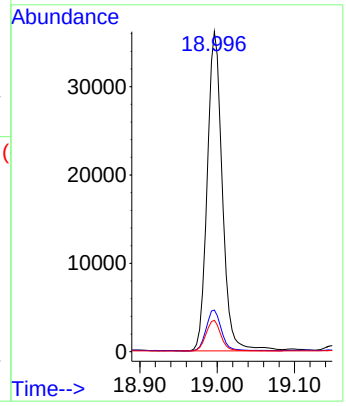


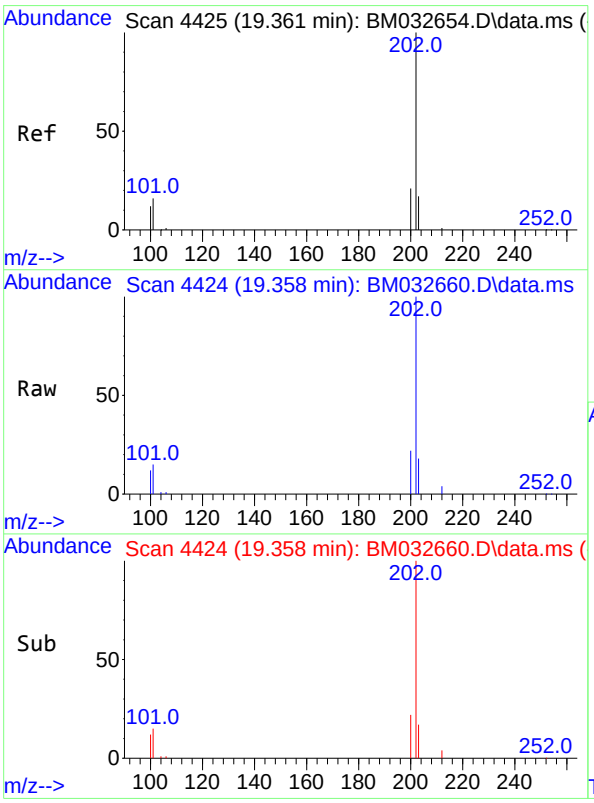


#19
Fluoranthene
Concen: 0.69 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:202 Resp: 48925

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
100	9.8	7.8	11.8

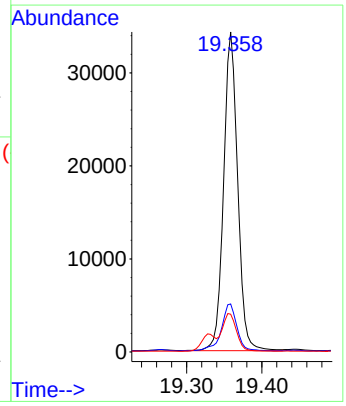




#20
Pyrene
Concen: 0.61 ng/ul
RT: 19.358 min Scan# 4424
Delta R.T. -0.008 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:202 Resp: 44611

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.3	18.5
100	11.8	10.1	15.1



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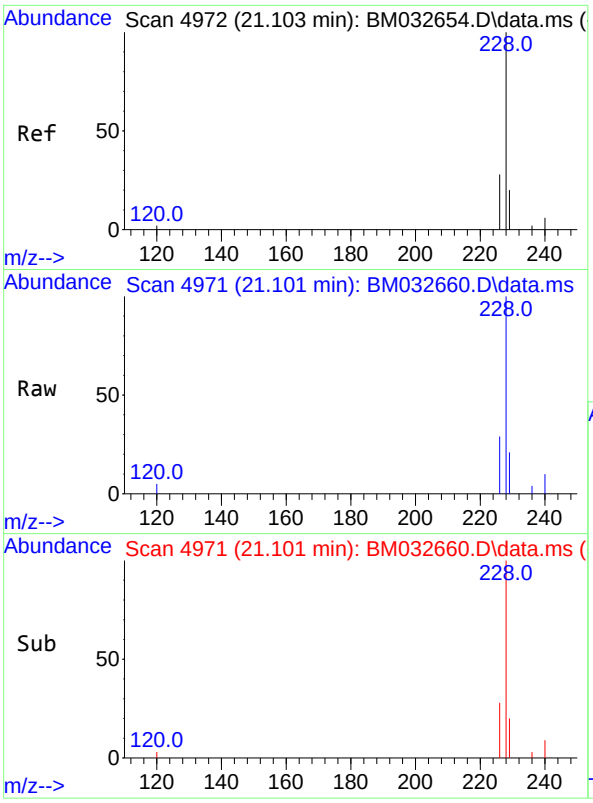
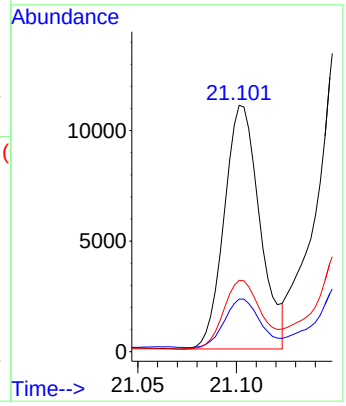


#21
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:228 Resp: 13861

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	28.9	22.4	33.6



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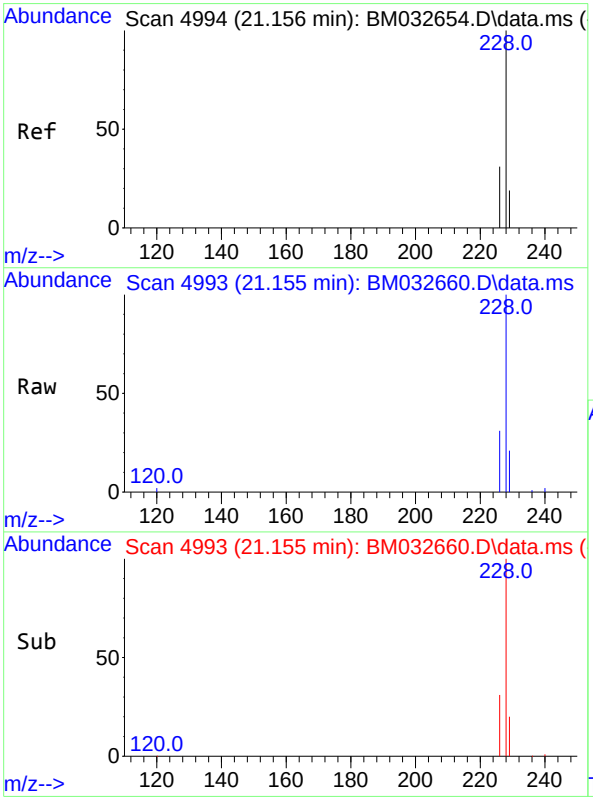
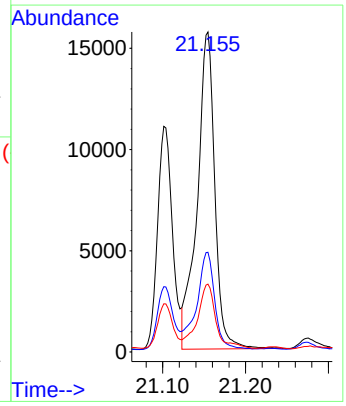
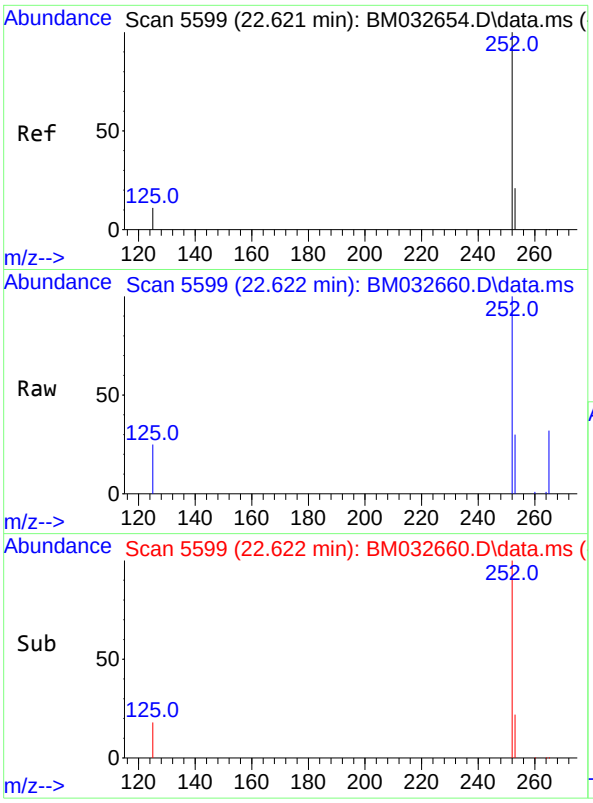


#22
Chrysene
Concen: 0.38 ng/ul
RT: 21.155 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:228 Resp: 23166

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	21.2	15.7	23.5

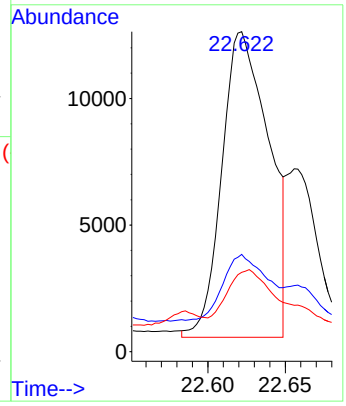


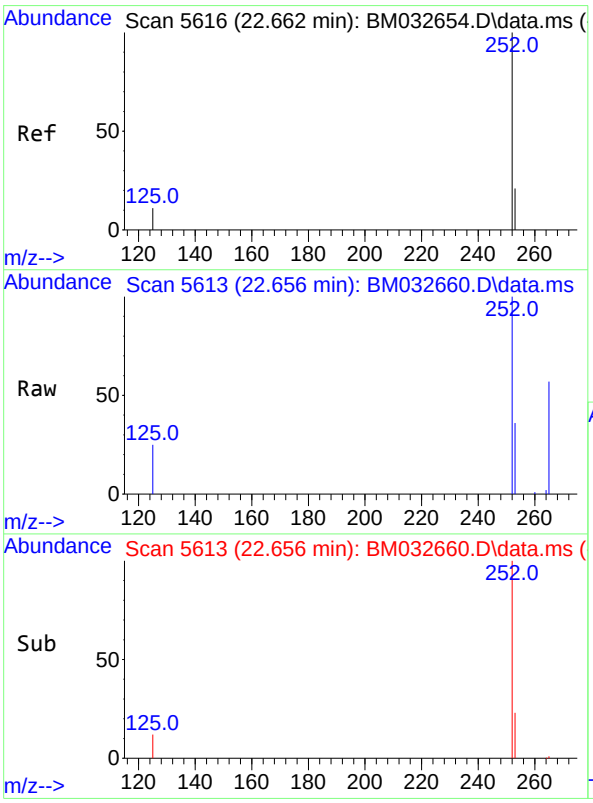


#24
Benzo(b)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.622 min Scan# 5599
Delta R.T. -0.005 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:252 Resp: 25477

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	53.8
125	24.8	0.0	35.6

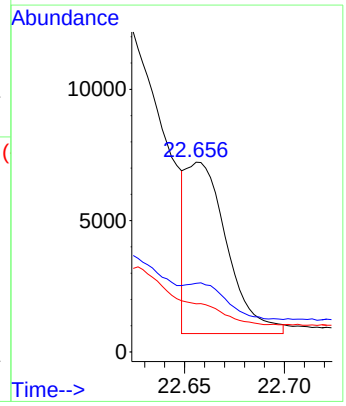




#25
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.656 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:252 Resp: 9294

Ion	Ratio	Lower	Upper
252	100		
253	36.1	21.8	32.6#
125	25.3	14.4	21.6#



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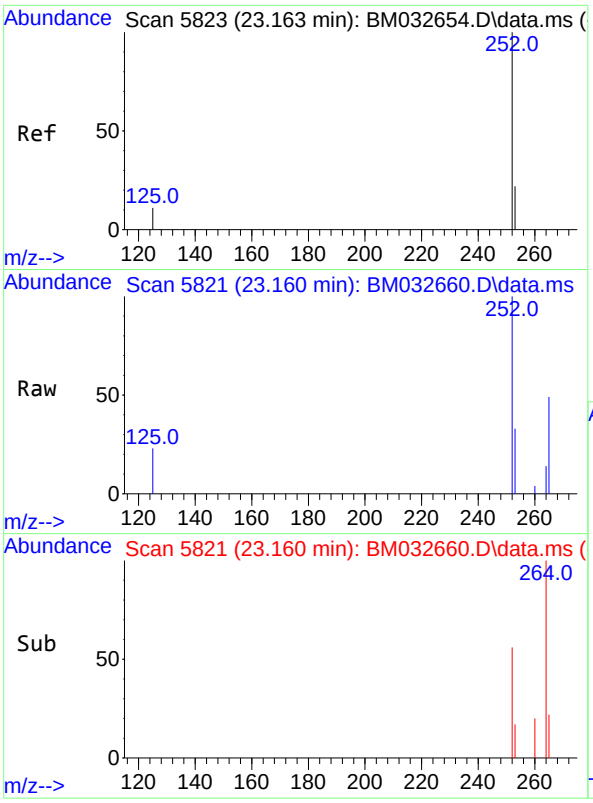
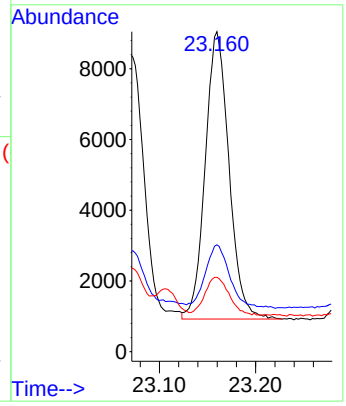


#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.160 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:252 Resp: 13971

Ion	Ratio	Lower	Upper
252	100		
253	33.4	23.6	35.4
125	23.2	17.1	25.7



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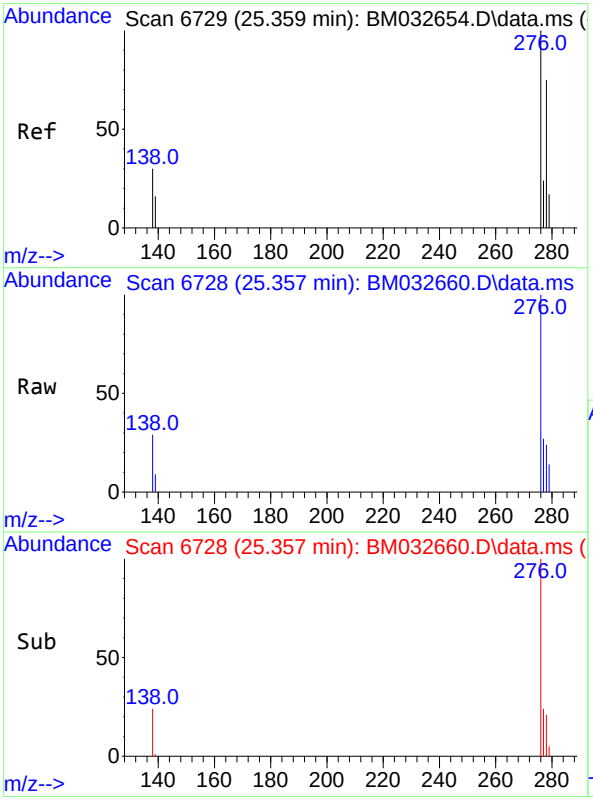
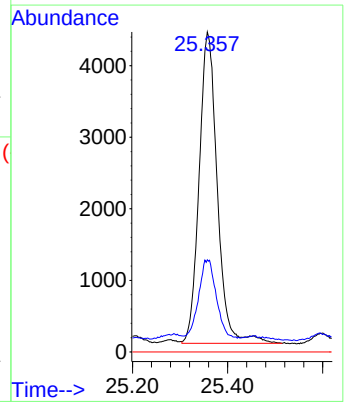
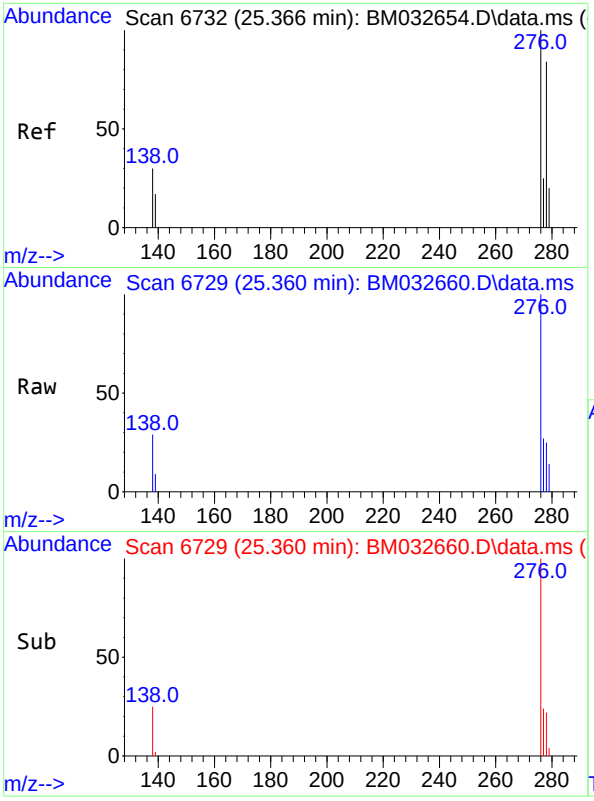


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.015 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:276 Resp: 11488

Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.9	37.3
227	0.0	0.0	0.0

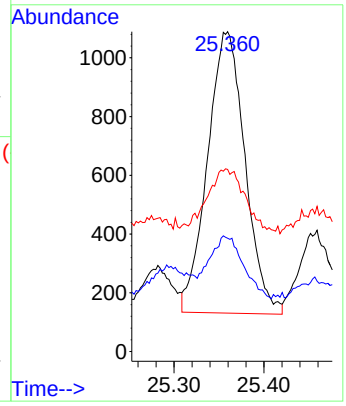


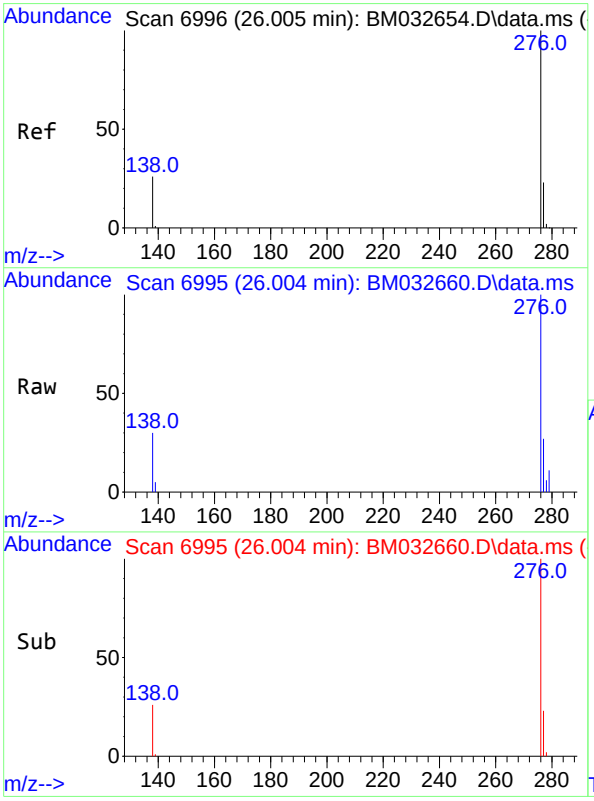


#28
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.017 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:278 Resp: 2778

Ion	Ratio	Lower	Upper
278	100		
139	35.4	18.6	28.0#
279	56.9	22.0	33.0#

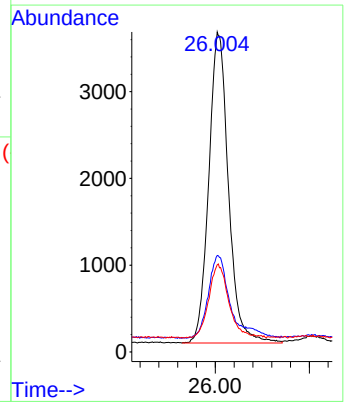




#29
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.015 min
Lab File: BM032660.D
Acq: 21 Oct 2021 17:14

Tgt Ion:276 Resp: 10399

Ion	Ratio	Lower	Upper
276	100		
138	30.1	22.6	33.8
277	27.2	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C0B03DL

Manual Integrations APPROVED
mohammad
10/22/2021 11:18:34 AM