Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032629.D
Acq On : 20 Oct 2021 21:24
Operator : CG/JU
Sample : M4207-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ7

Manual Integrations APPROVED
mohammad
10/21/2021 11:17:16 AM

Quant Time: Oct 21 04:50:25 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	7.553	152	6314	0.40	ng/ul		0.00
4) Naphthalene-d8	10.339	136	20825	0.40	ng/ul		0.00
9) Acenaphthene-d10	14.209	164	10492	0.40	ng/ul		0.00
13) Phenanthrene-d10	16.943	188	18926	0.40	ng/ul	#	0.00
17) Chrysene-d12	21.121	240	12836	0.40	ng/ul		0.00
23) Perylene-d12	23.256	264	11295	0.40	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.920	96	23748	3.36	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.936	152	4102	0.15	ng/ul		0.00
18) Fluoranthene-d10	18.969	212	6681	0.17	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.388	128	8119	0.13	ng/ul		99
7) 2-Methylnaphthalene	12.008	142	5351	0.13	ng/ul		100
8) 1-Methylnaphthalene	12.232	142	4257	0.10	ng/ul		99
10) Acenaphthylene	13.928	152	3389	0.08	ng/ul	#	91
11) Acenaphthene	14.274	153	3709	0.09	ng/ul		99
12) Fluorene	15.256	166	4172	0.09	ng/ul	#	97
15) Phenanthrene	16.984	178	73670	1.16	ng/ul		98
16) Anthracene	17.074	178	15491	0.28	ng/ul		98
19) Fluoranthene	19.000	202	123557	1.95	ng/ul		99
20) Pyrene	19.362	202	105672	1.62	ng/ul		99
21) Benzo(a)anthracene	21.104	228	51272	1.02	ng/ul		99
22) Chrysene	21.154	228	54762	0.99	ng/ul		98
24) Benzo(b)fluoranthene	22.622	252	71489m	1.37	ng/ul		
25) Benzo(k)fluoranthene	22.658	252	28655m	0.55	ng/ul		
26) Benzo(a)pyrene	23.162	252	45912	1.05	ng/ul		92
27) Indeno(1,2,3-cd)pyrene	25.359	276	34902	0.65	ng/ul	#	91
28) Dibenzo(a,h)anthracene	25.359	278	8412	0.20	ng/ul	#	88
29) Benzo(g,h,i)perylene	26.011	276	32196	0.69	ng/ul		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032629.D
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Misc :
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ClientSampleId :
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Manual Integrations APPROVED
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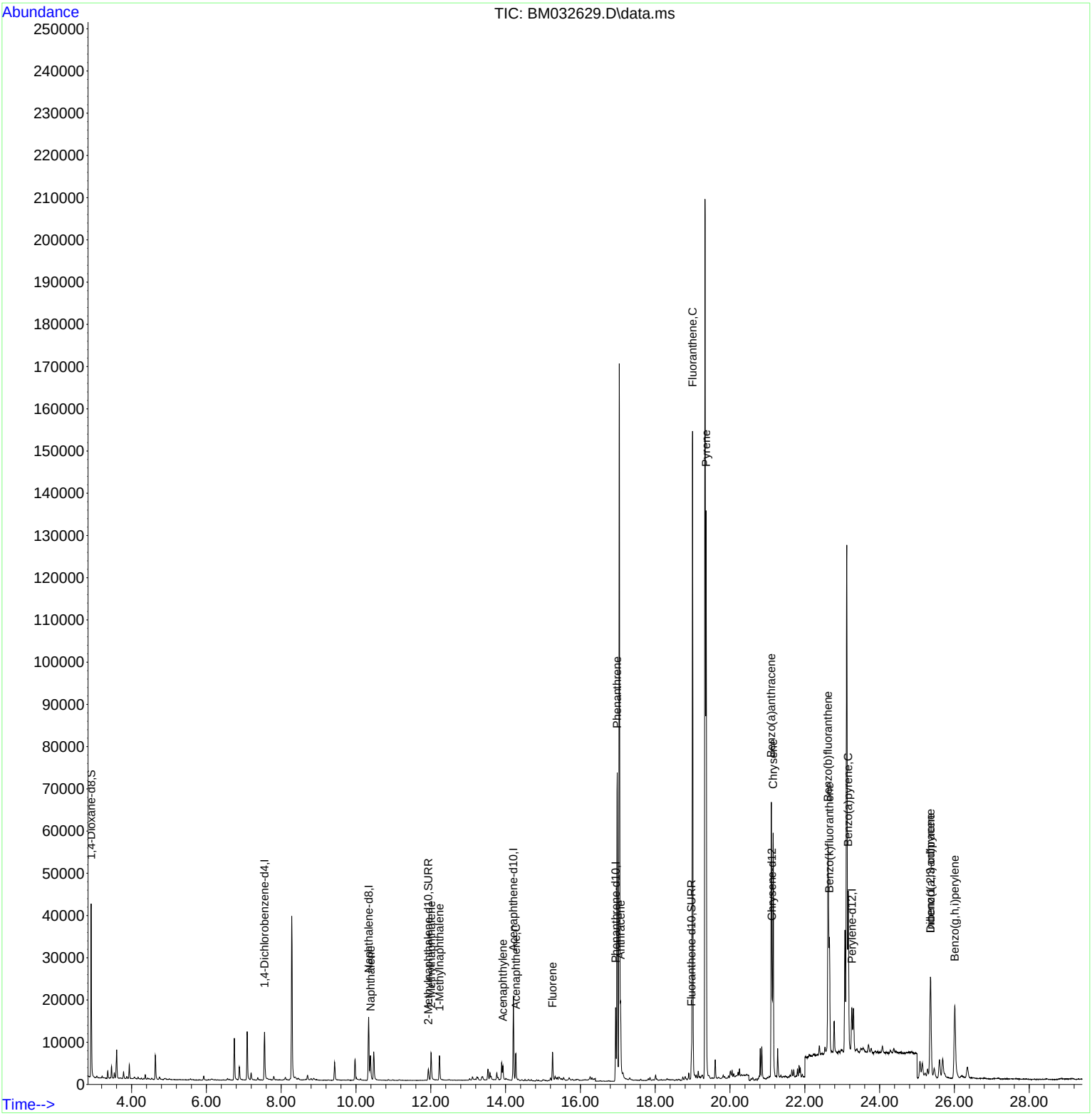
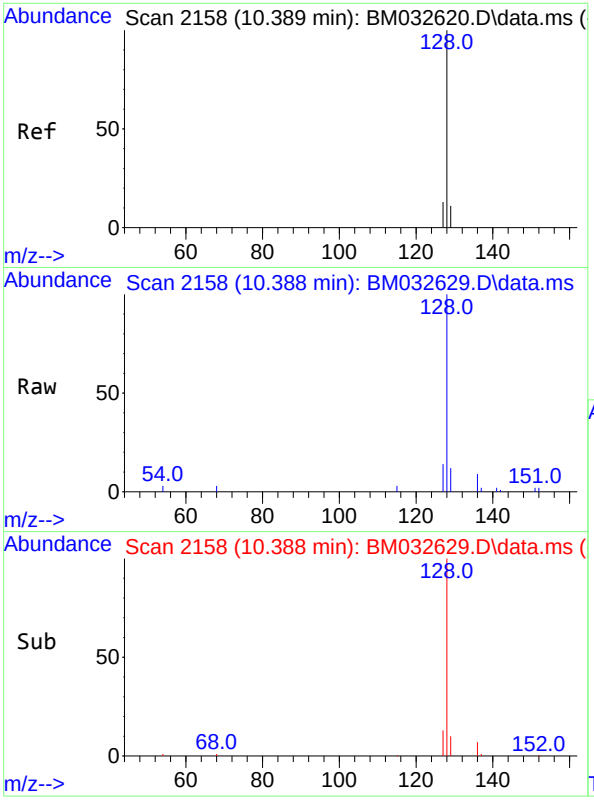
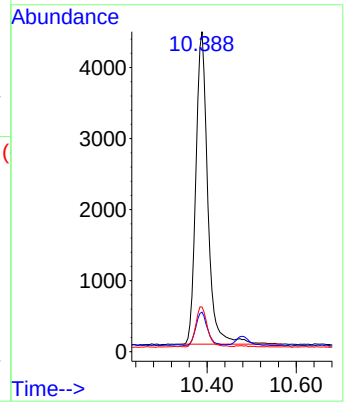




#5
Naphthalene
Concen: 0.13 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:128 Resp: 8119

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.0	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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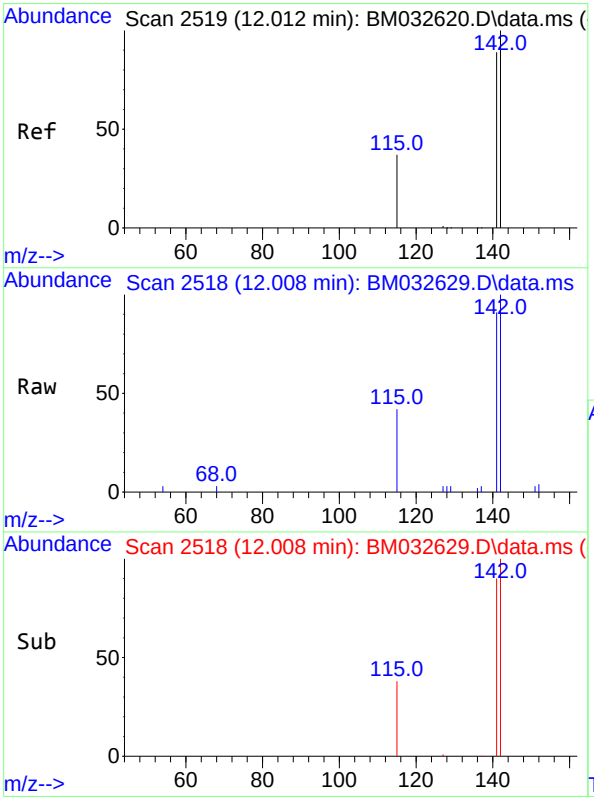
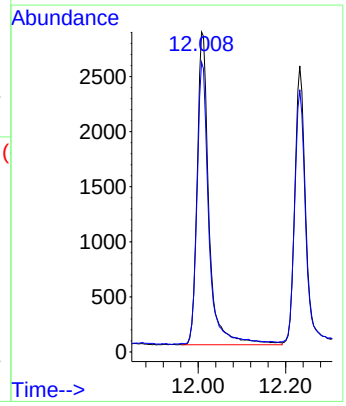
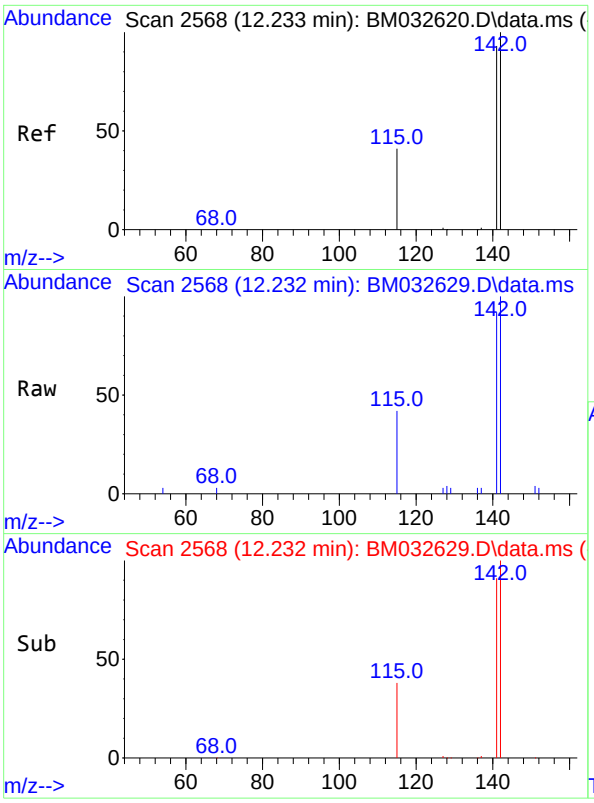


#7
2-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:142 Resp: 5351

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.2

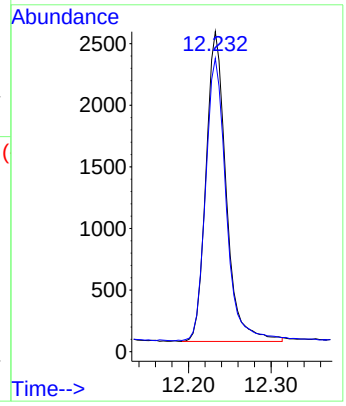




#8
1-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:142 Resp: 4257

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3



Instrument :
BNA_M
ClientSampleId :
C0AZ7

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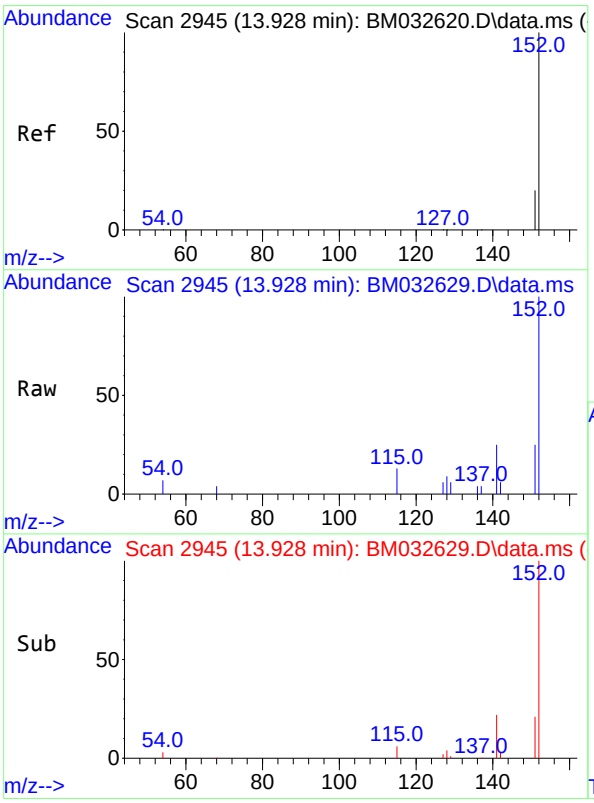
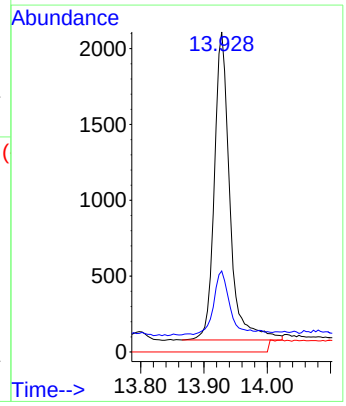
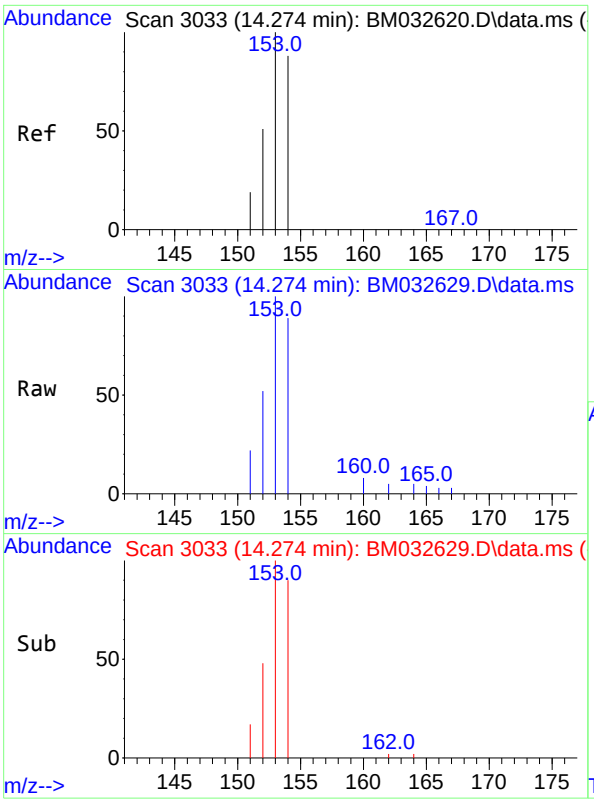


#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:152 Resp: 3389

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.7	25.1#
153	0.0	0.0	0.0

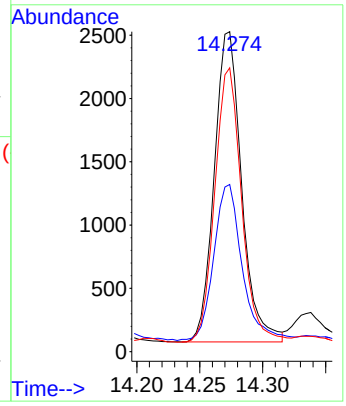




#11
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.000 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:153 Resp: 3709

Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.4	60.6
154	88.7	70.8	106.2



Instrument :
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ClientSampleId :
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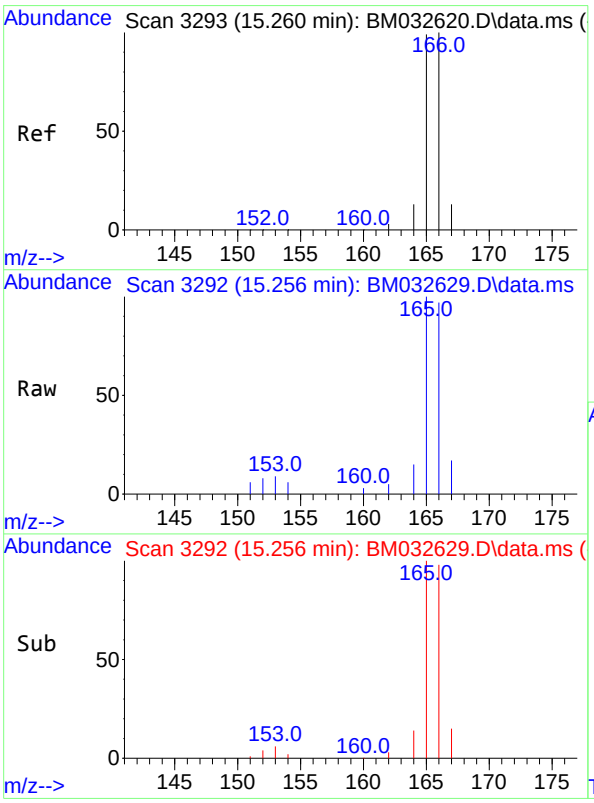
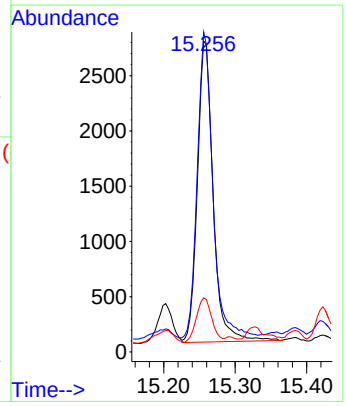
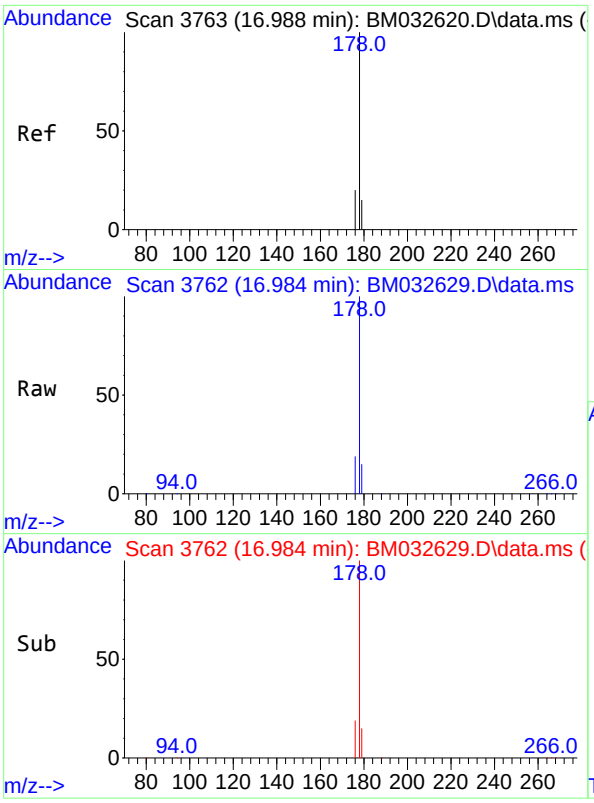


#12
Fluorene
Concen: 0.09 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:166 Resp: 4172

Ion	Ratio	Lower	Upper
166	100		
165	102.9	80.7	121.1
167	17.4	11.2	16.8#

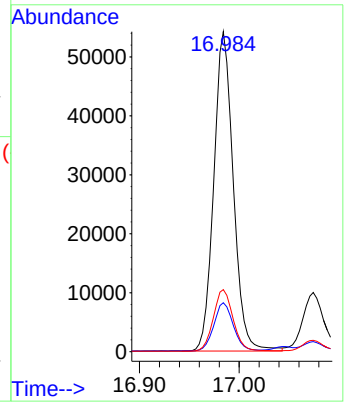




#15
Phenanthrene
Concen: 1.16 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:178 Resp: 73670

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.4	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0AZ7

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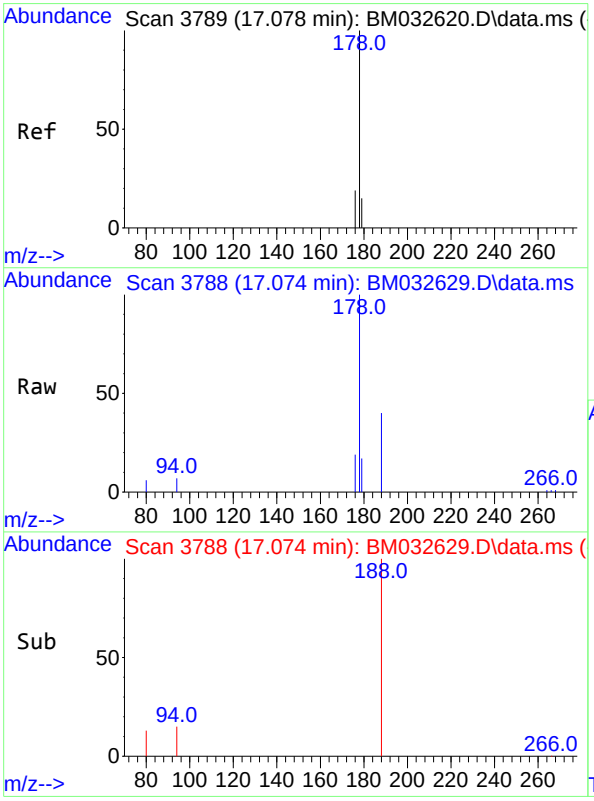
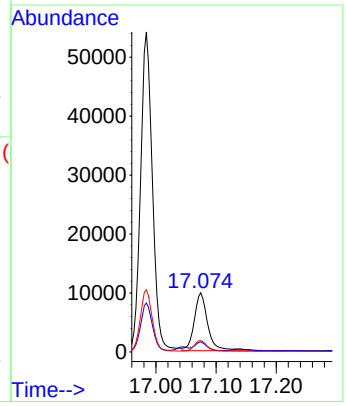
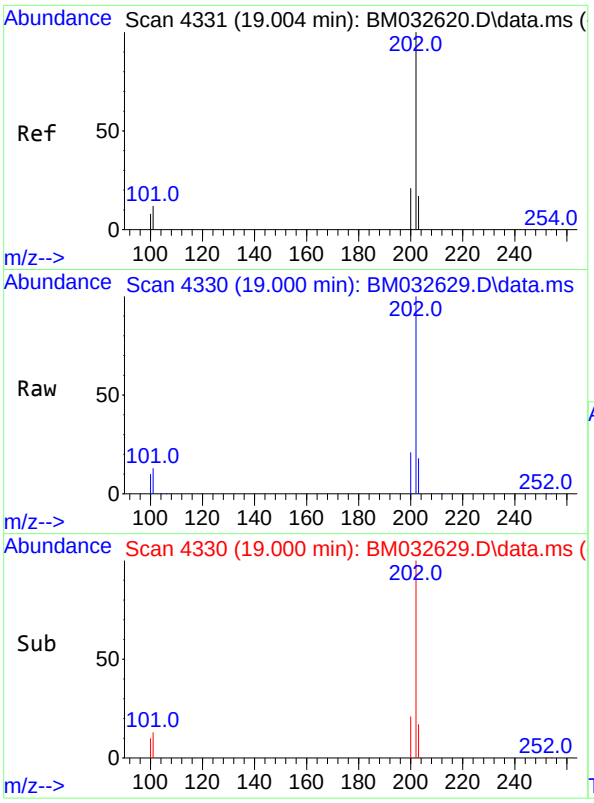


#16
Anthracene
Concen: 0.28 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.004 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:178 Resp: 15491

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.2	15.8	23.6

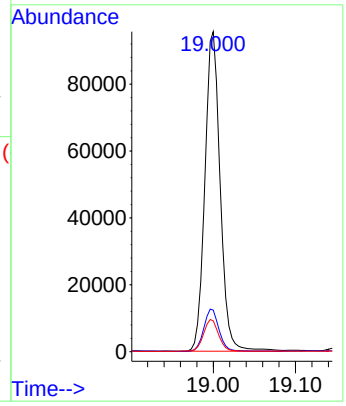


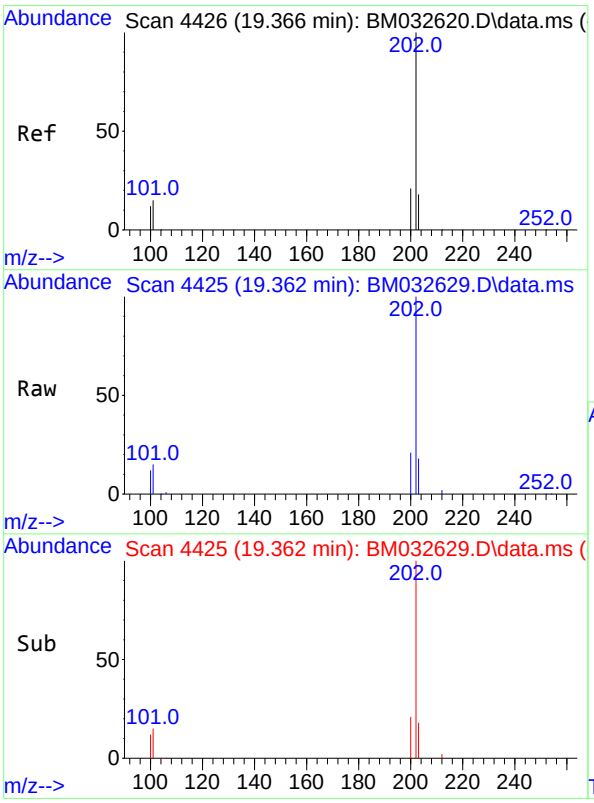


#19
Fluoranthene
Concen: 1.95 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:202 Resp: 123557

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
100	9.7	7.8	11.8

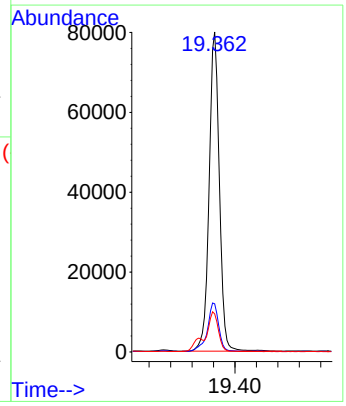




#20
Pyrene
Concen: 1.62 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:202 Resp: 105672

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.3	18.5
100	11.9	10.1	15.1



Instrument :
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ClientSampleId :
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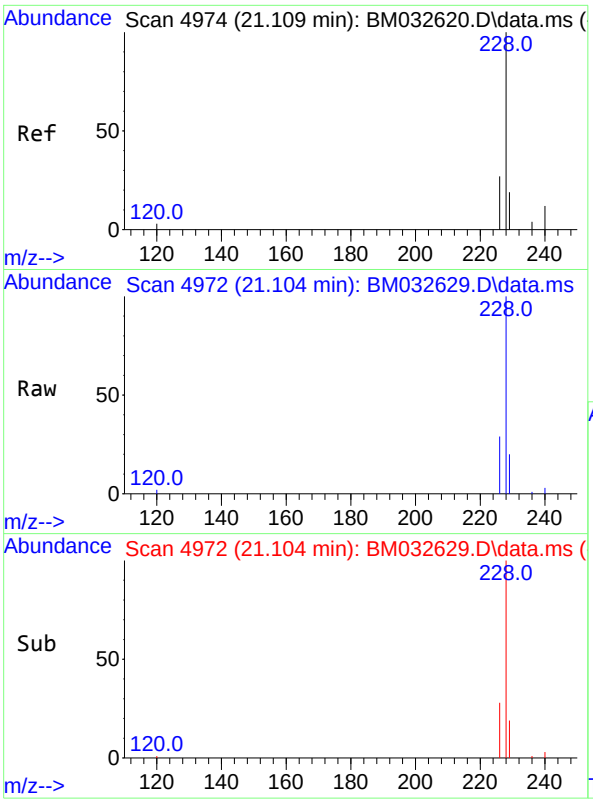
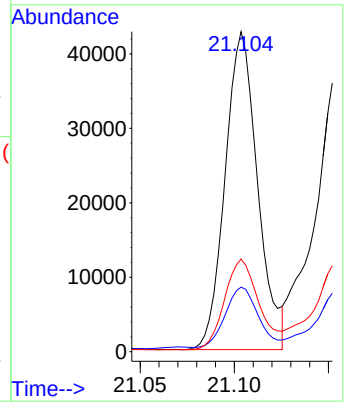


#21
Benzo(a)anthracene
Concen: 1.02 ng/ul
RT: 21.104 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:228 Resp: 51272

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.9	22.4	33.6



Instrument :
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ClientSampleId :
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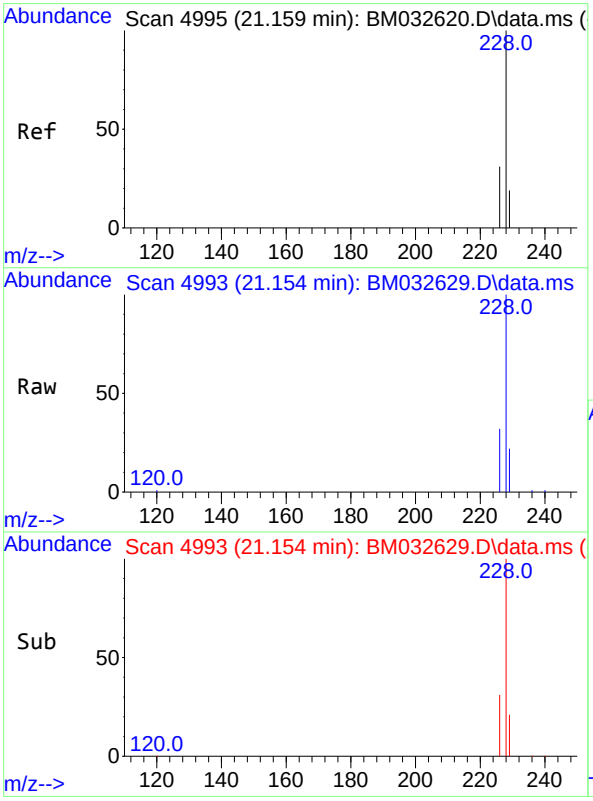
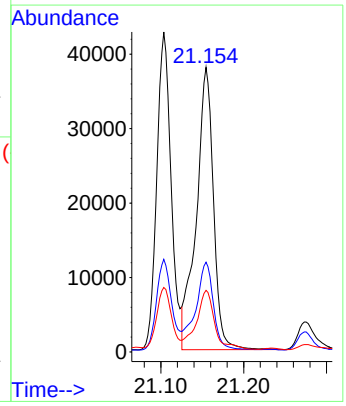
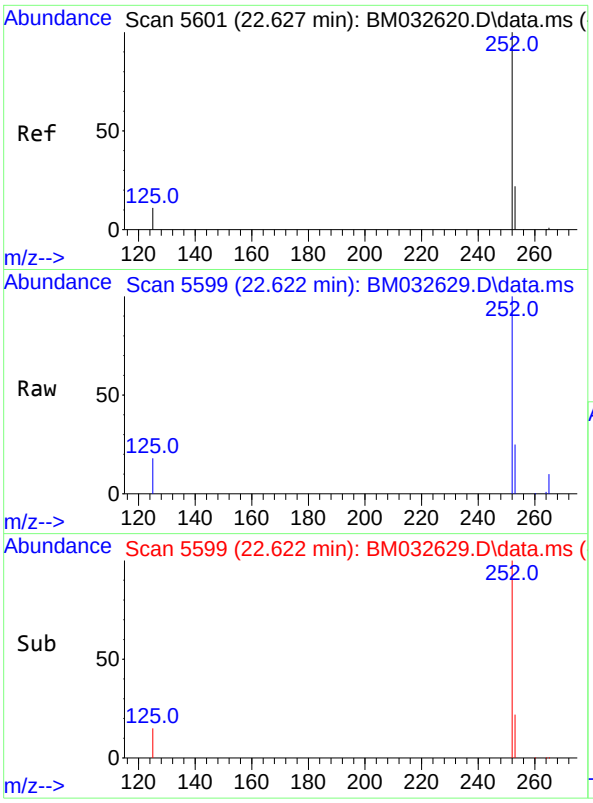


#22
Chrysene
Concen: 0.99 ng/ul
RT: 21.154 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:228 Resp: 54762

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	21.7	15.7	23.5

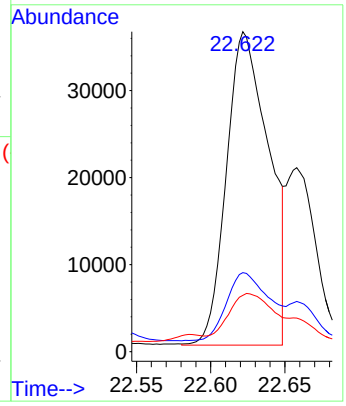




#24
Benzo(b)fluoranthene
Concen: 1.37 ng/ul m
RT: 22.622 min Scan# 5599
Delta R.T. -0.005 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:252 Resp: 71489

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	53.8
125	17.6	0.0	35.6



Instrument :
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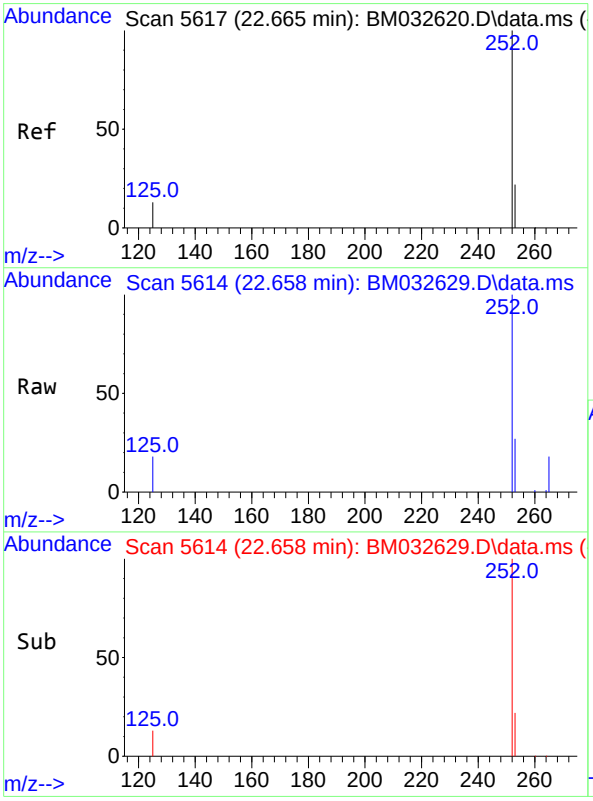
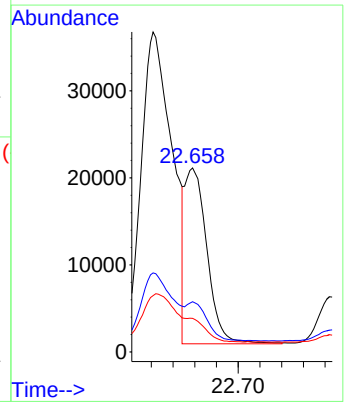
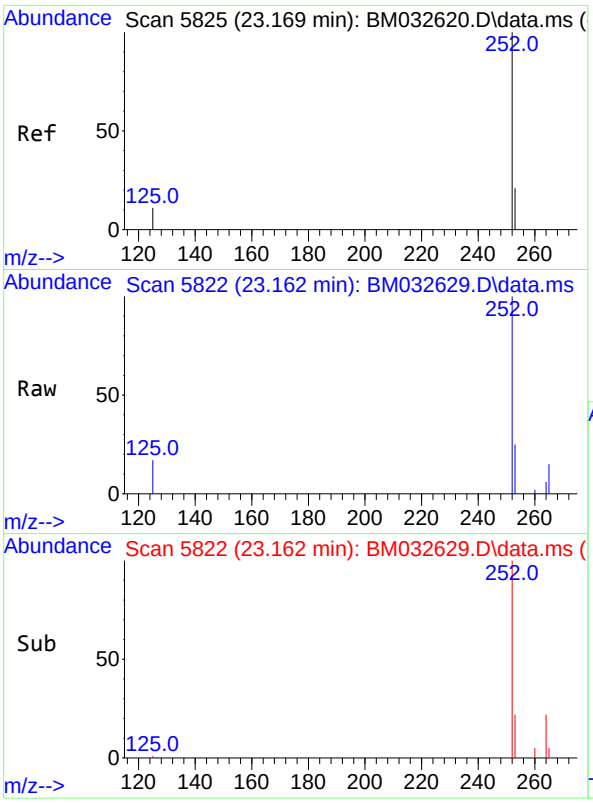


#25
Benzo(k)fluoranthene
Concen: 0.55 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:252 Resp: 28655

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	18.3	14.4	21.6

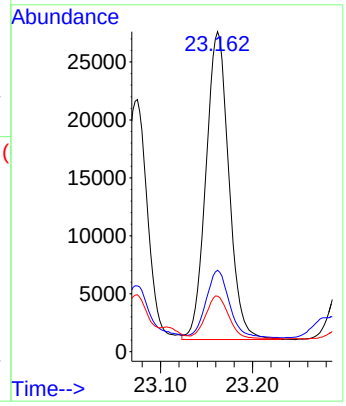




#26
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.162 min Scan# 5822
Delta R.T. -0.007 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:252 Resp: 45912

Ion	Ratio	Lower	Upper
252	100		
253	25.4	23.6	35.4
125	17.3	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
C0AZ7

Manual Integrations APPROVED
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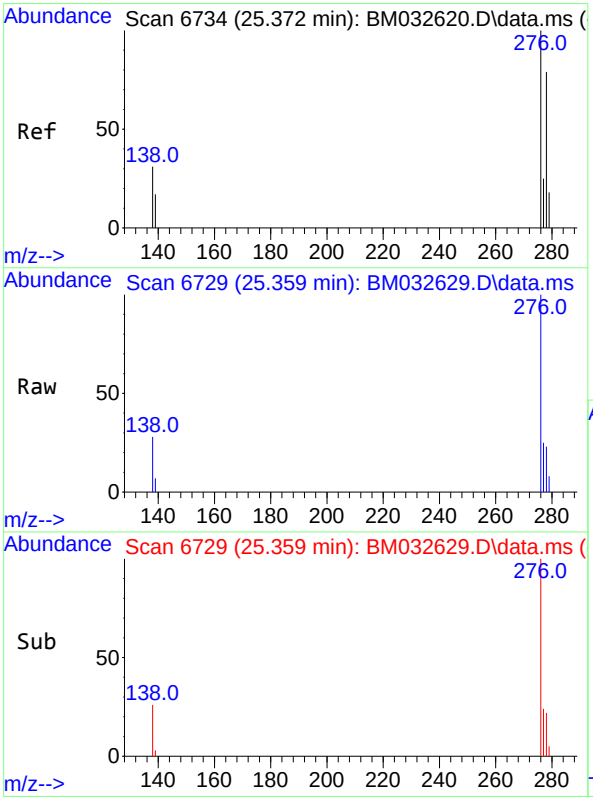
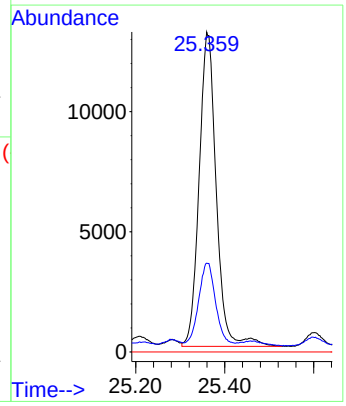
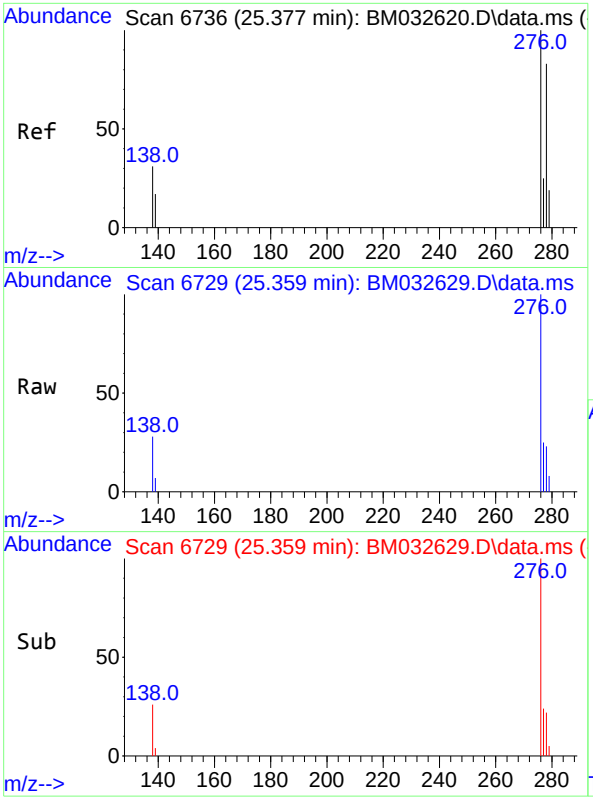


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.012 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:276 Resp: 34902

Ion	Ratio	Lower	Upper
276	100		
138	25.9	24.9	37.3
227	0.0	0.0	0.0

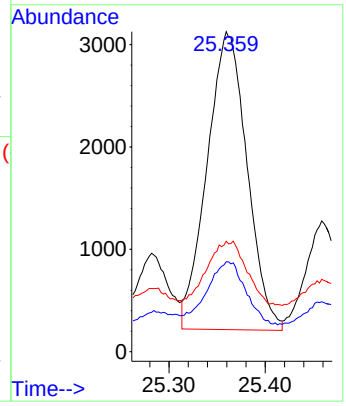




#28
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.017 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

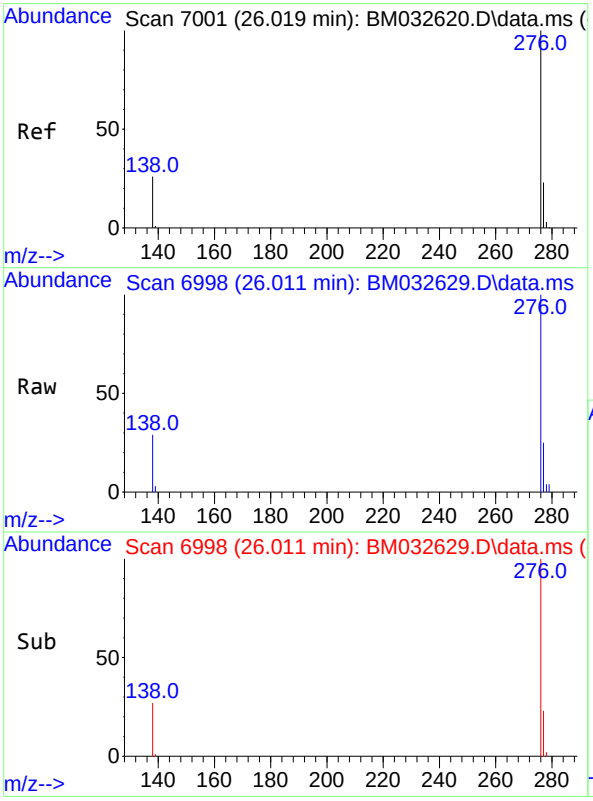
Tgt Ion:278 Resp: 8412

Ion	Ratio	Lower	Upper
278	100		
139	28.1	18.6	28.0#
279	34.5	22.0	33.0#



Instrument :
BNA_M
ClientSampleId :
C0AZ7

Manual Integrations APPROVED
mohammad
10/21/2021 11:17:16 AM



#29
Benzo(g,h,i)perylene
Concen: 0.69 ng/ul
RT: 26.011 min Scan# 6998
Delta R.T. -0.007 min
Lab File: BM032629.D
Acq: 20 Oct 2021 21:24

Tgt Ion:276 Resp: 32196

Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.6	33.8
277	24.9	19.9	29.9