Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032517.D
Acq On : 15 Oct 2021 09:50
Operator : CG/JU
Sample : PB139791BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS791

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Quant Time: Oct 15 12:38:38 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 : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	3646	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	11259	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	5783	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	10994	0.40	ng/ul	0.00
17) Chrysene-d12	21.133	240	6725	0.40	ng/ul	0.00
23) Perylene-d12	23.273	264	5362	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	3210	0.79	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	5646	0.38	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	9560	0.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.962	88	9075	2.02	ng/ul#	80
5) Naphthalene	10.393	128	13268	0.39	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	8518	0.38	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	8226	0.37	ng/ul	99
10) Acenaphthylene	13.933	152	9144	0.37	ng/ul	99
11) Acenaphthene	14.278	153	9005	0.40	ng/ul	99
12) Fluorene	15.263	166	9627	0.38	ng/ul	98
14) Pentachlorophenol	16.623	266	1711	0.60	ng/ul	98
15) Phenanthrene	16.991	178	14447	0.39	ng/ul	100
16) Anthracene	17.085	178	11726	0.36	ng/ul	99
19) Fluoranthene	19.008	202	14967	0.45	ng/ul	100
20) Pyrene	19.370	202	14968	0.44	ng/ul	99
21) Benzo(a)anthracene	21.116	228	9689	0.37	ng/ul	100
22) Chrysene	21.169	228	11599	0.40	ng/ul	99
24) Benzo(b)fluoranthene	22.636	252	10206	0.41	ng/ul	92
25) Benzo(k)fluoranthene	22.677	252	10469m	0.42	ng/ul	
26) Benzo(a)pyrene	23.179	252	8180	0.39	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.379	276	10496	0.41	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.384	278	8283	0.41	ng/ul	95
29) Benzo(g,h,i)perylene	26.026	276	9658	0.44	ng/ul	98

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

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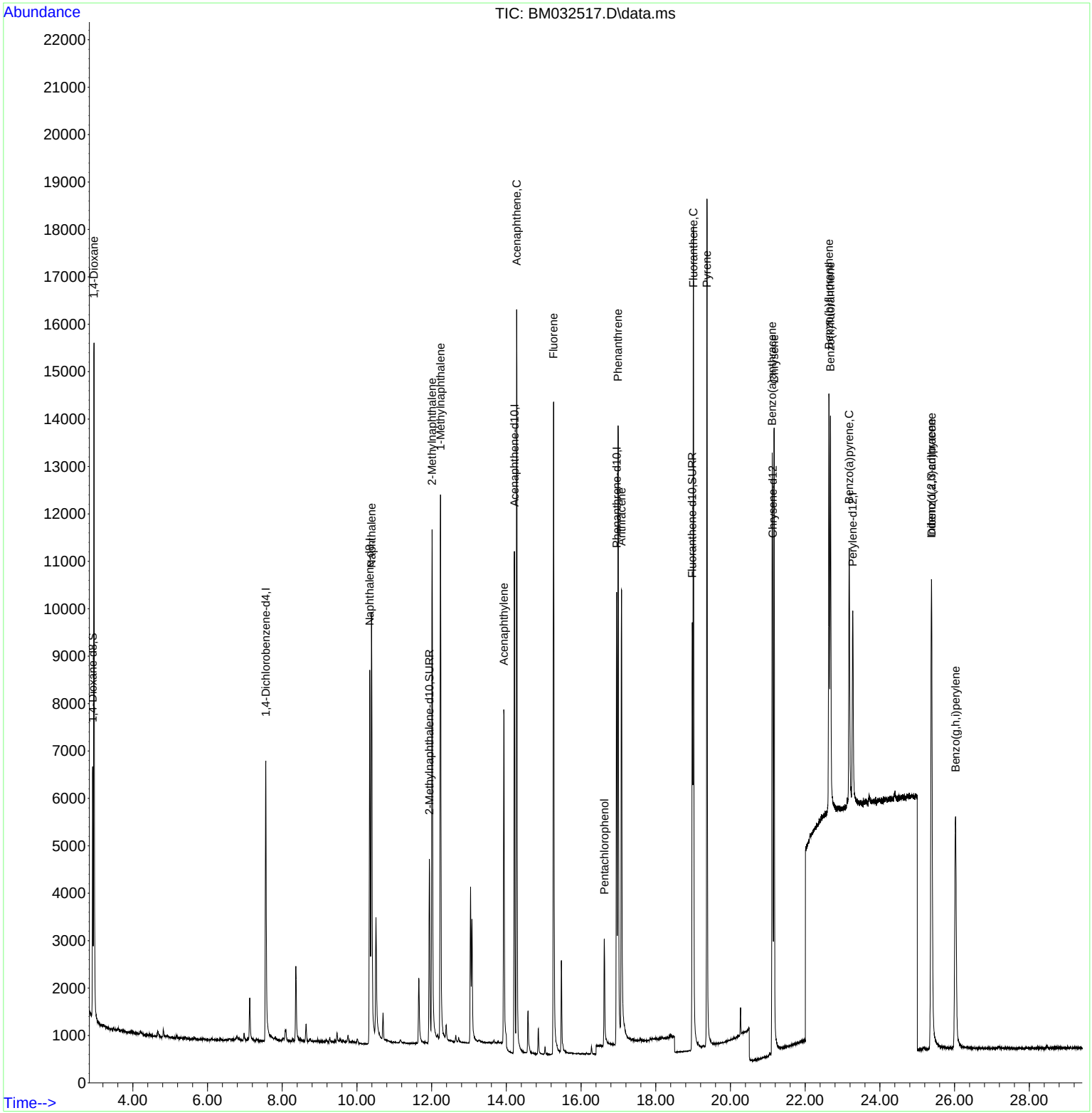
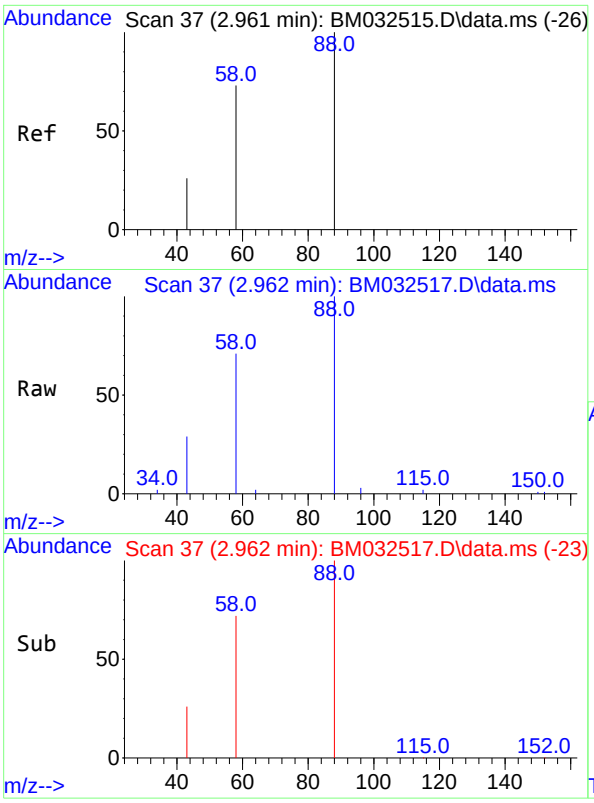
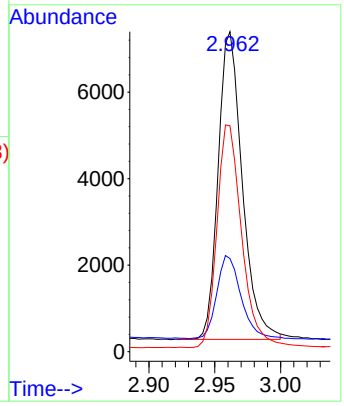




#2
1,4-Dioxane
Concen: 2.02 ng/ul
RT: 2.962 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion: 88 Resp: 9075

Ion	Ratio	Lower	Upper
88	100		
43	29.1	46.6	69.8#
58	70.6	60.7	91.1



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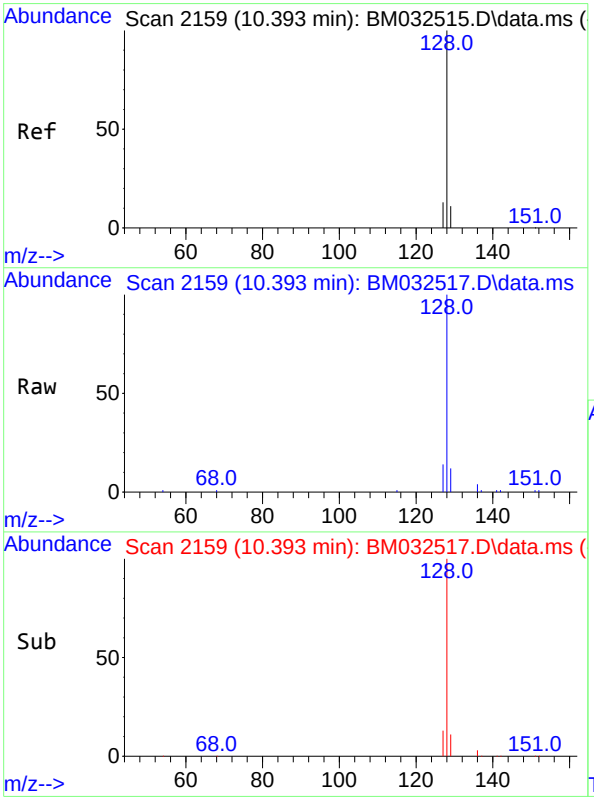
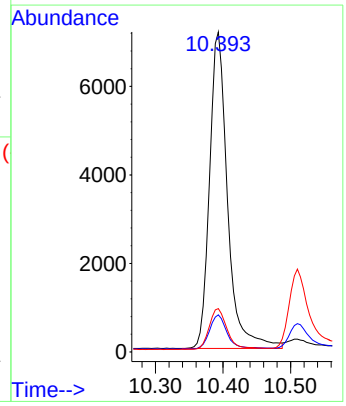
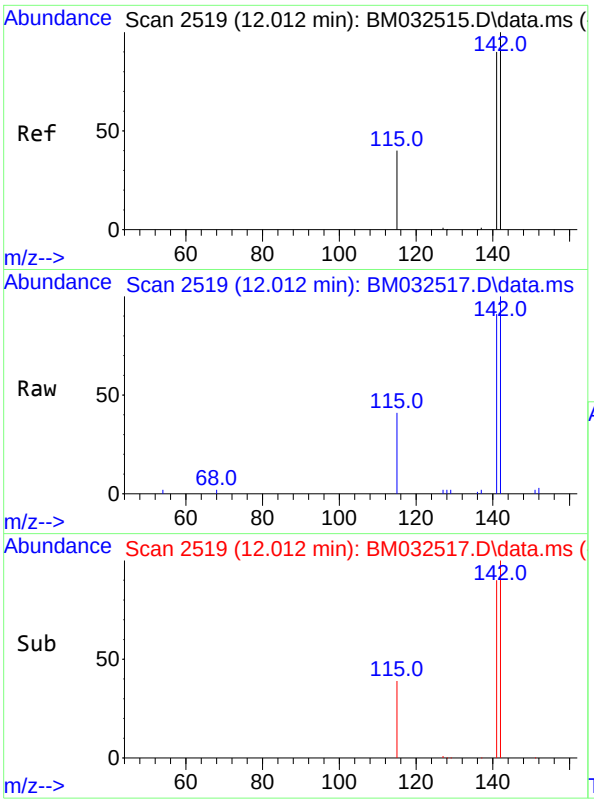


#5
Naphthalene
Concen: 0.39 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:128 Resp: 13268

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	11.1	16.7

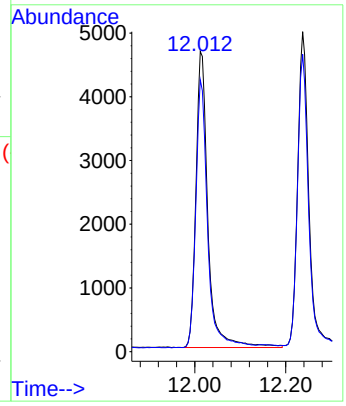




#7
2-Methylnaphthalene
Concen: 0.38 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:142 Resp: 8518

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2



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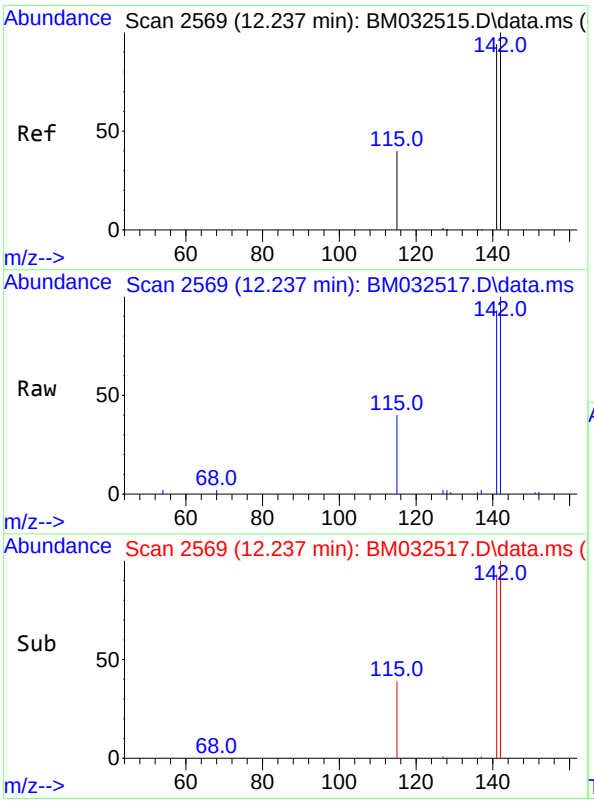
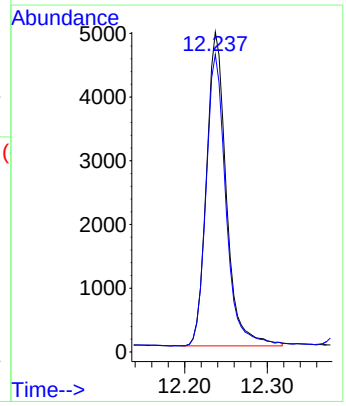
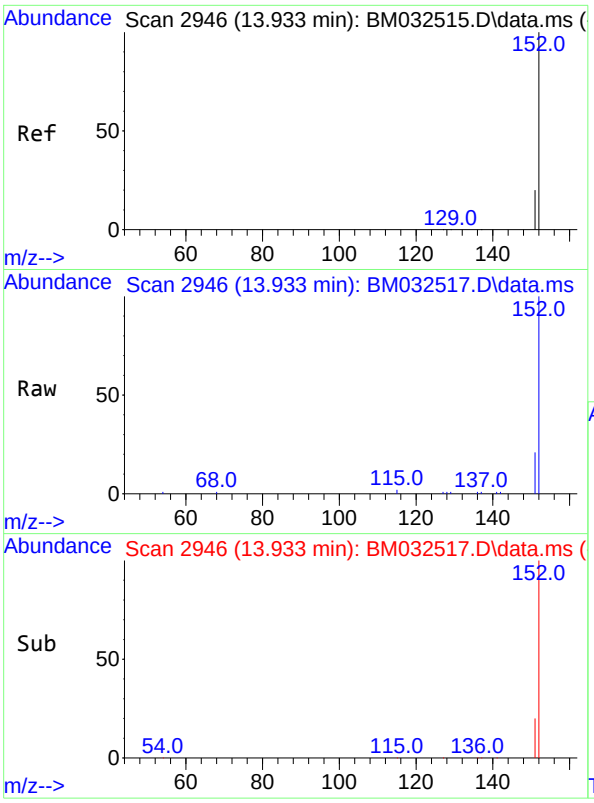


#8
1-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:142 Resp: 8226

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3

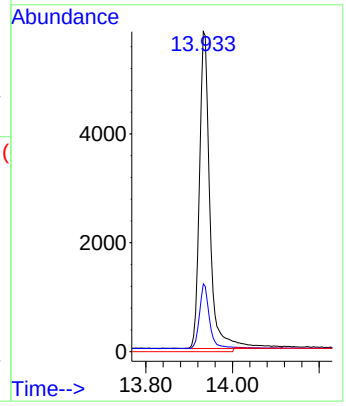




#10
Acenaphthylene
Concen: 0.37 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:152 Resp: 9144

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	0.0	0.0	0.0



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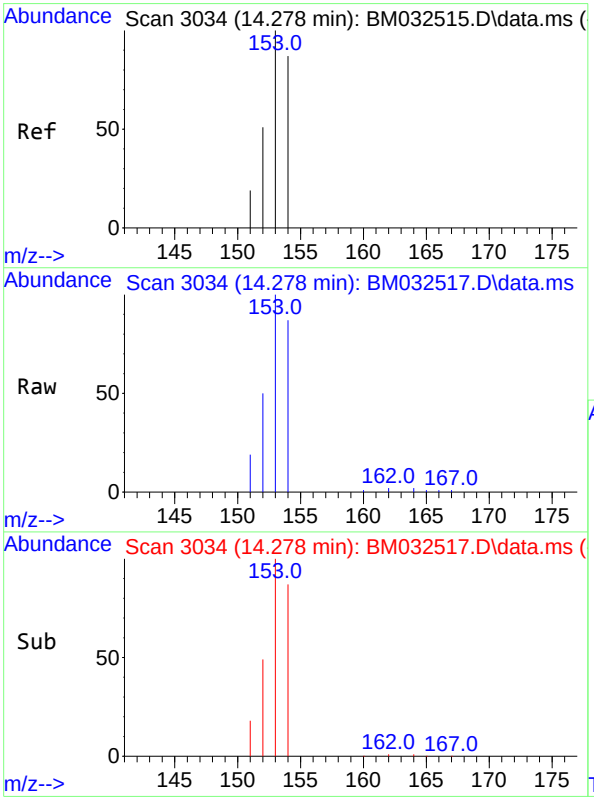
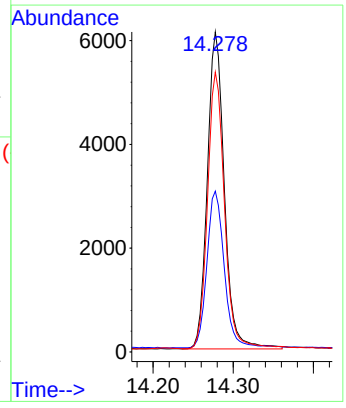
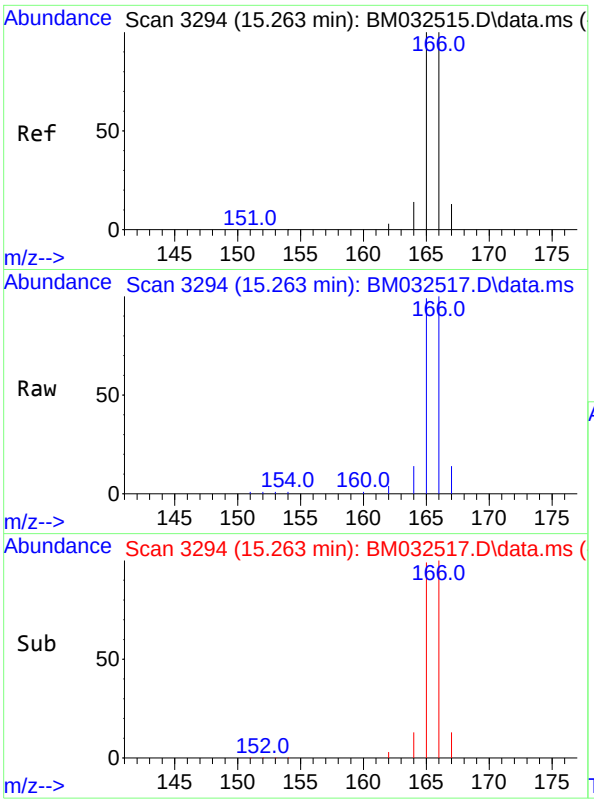


#11
Acenaphthene
Concen: 0.40 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:153 Resp: 9005

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.4	60.6
154	87.5	70.8	106.2

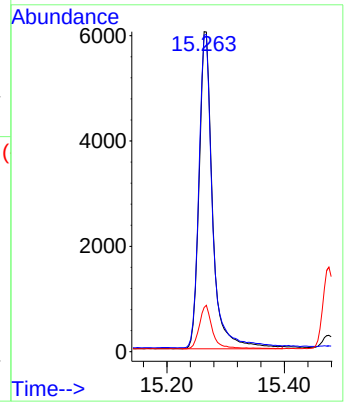




#12
Fluorene
Concen: 0.38 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:166 Resp: 9627

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.7	121.1
167	13.8	11.2	16.8



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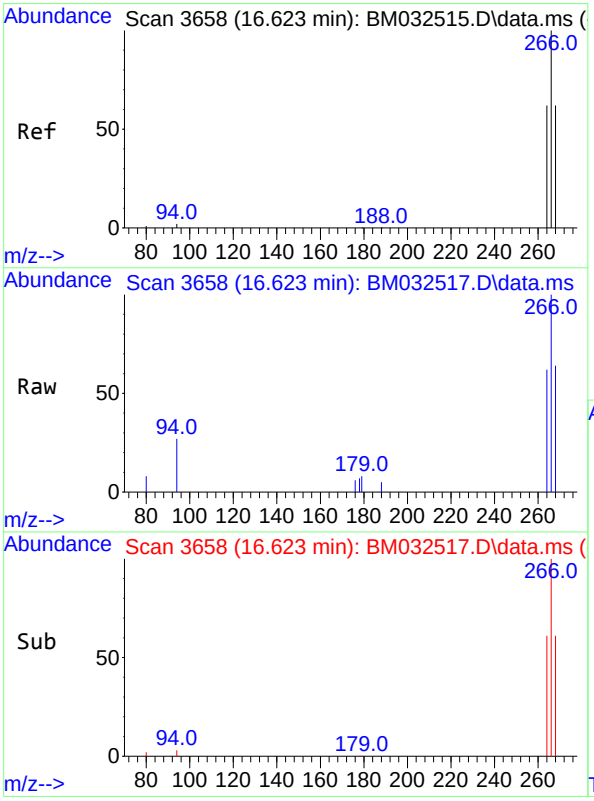
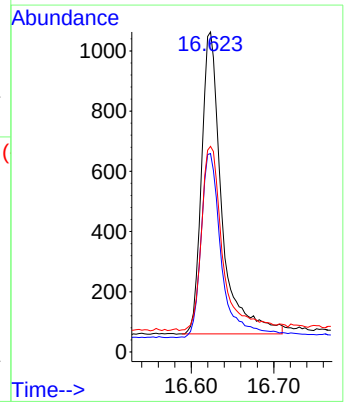
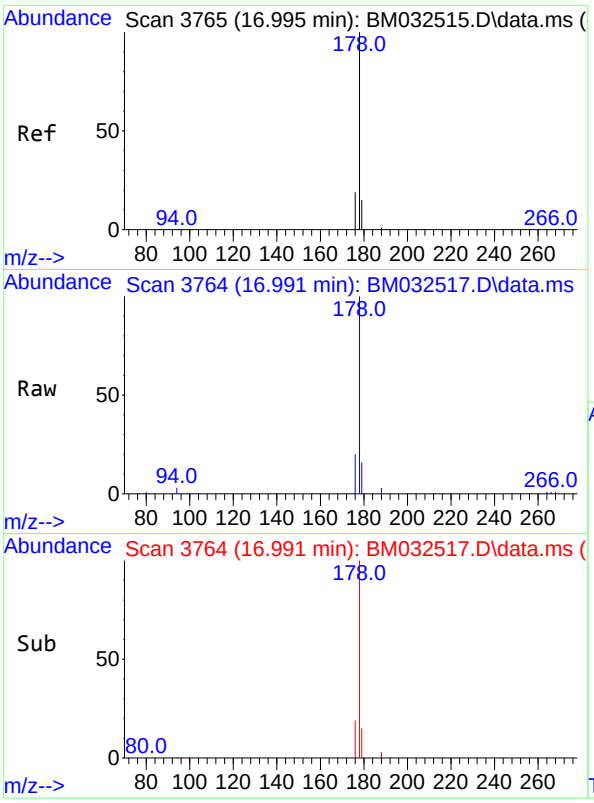


#14
Pentachlorophenol
Concen: 0.60 ng/ul
RT: 16.623 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:266 Resp: 1711

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.8	76.2
268	64.4	50.2	75.2

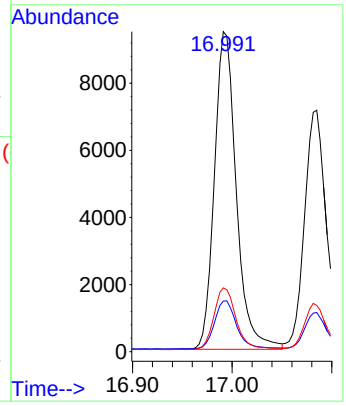




#15
Phenanthrene
Concen: 0.39 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:178 Resp: 14447

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.0	16.1	24.1



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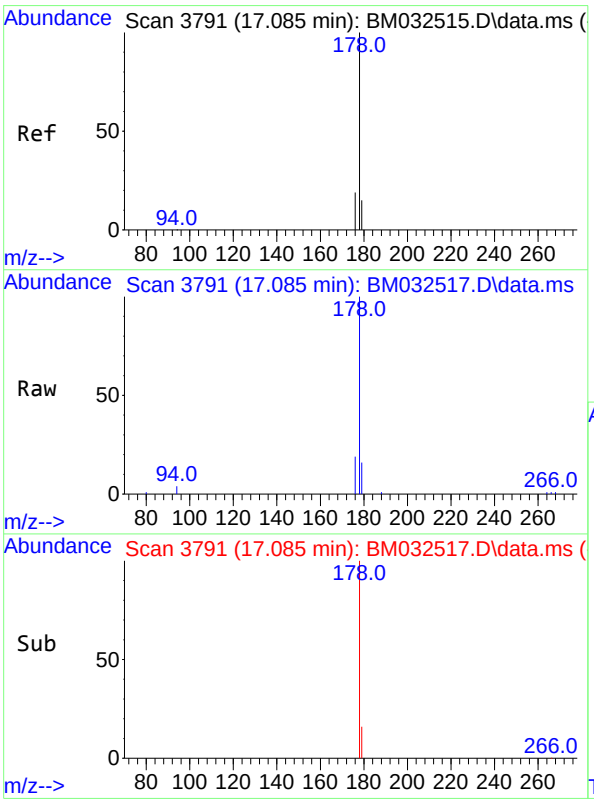
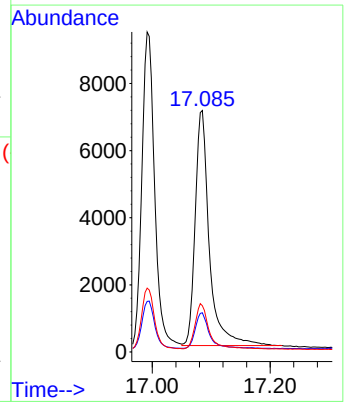
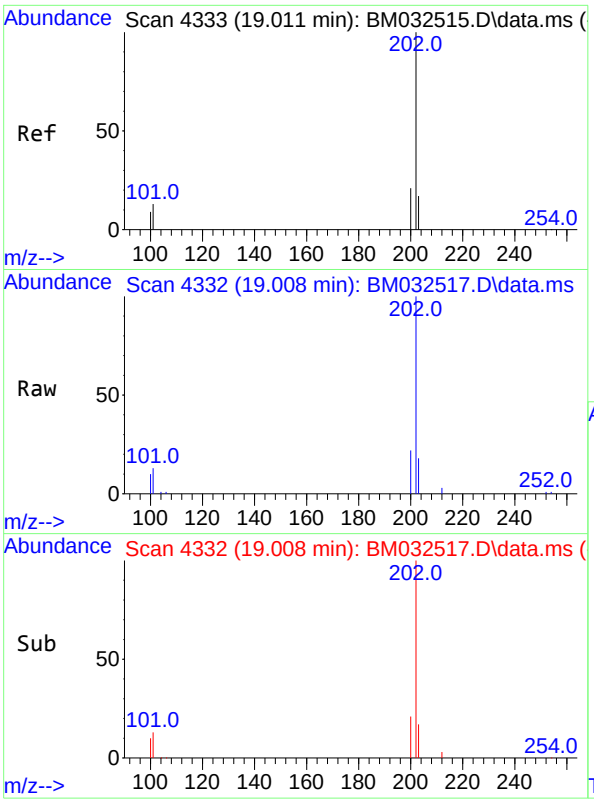


#16
Anthracene
Concen: 0.36 ng/ul
RT: 17.085 min Scan# 3791
Delta R.T. 0.000 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:178 Resp: 11726

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.2	15.8	23.6

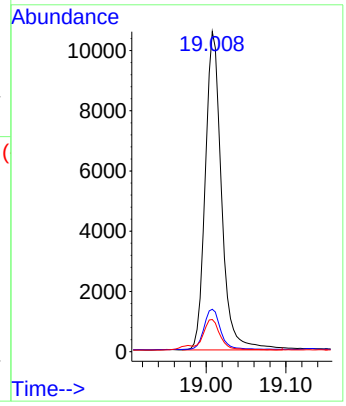


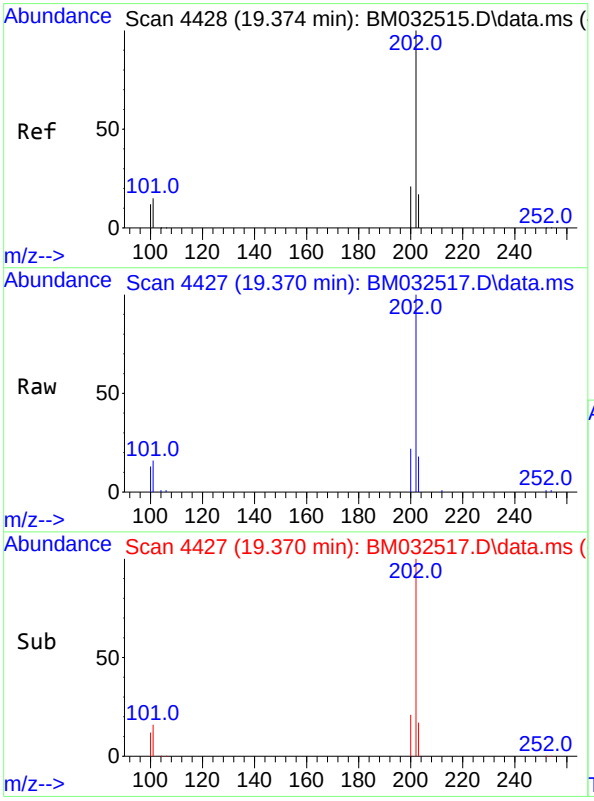


#19
Fluoranthene
Concen: 0.45 ng/ul
RT: 19.008 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:202 Resp: 14967

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
100	10.1	7.8	11.8

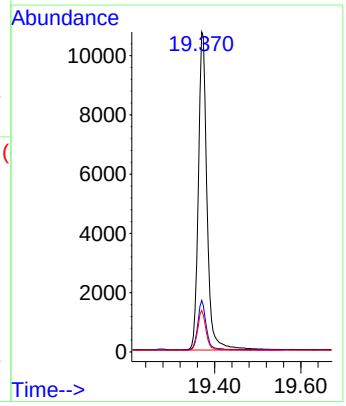




#20
Pyrene
Concen: 0.44 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:202 Resp: 14968

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.3	18.5
100	12.9	10.1	15.1



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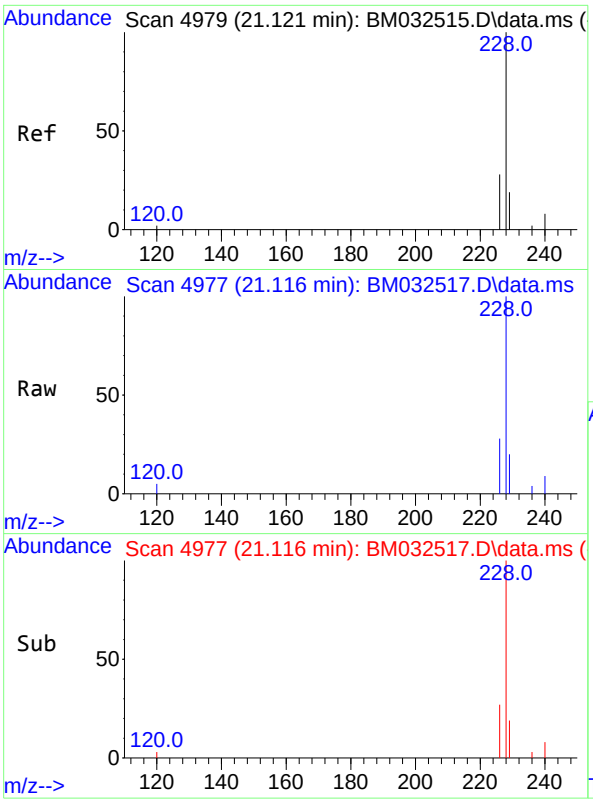
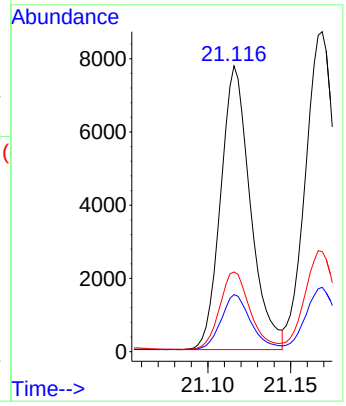
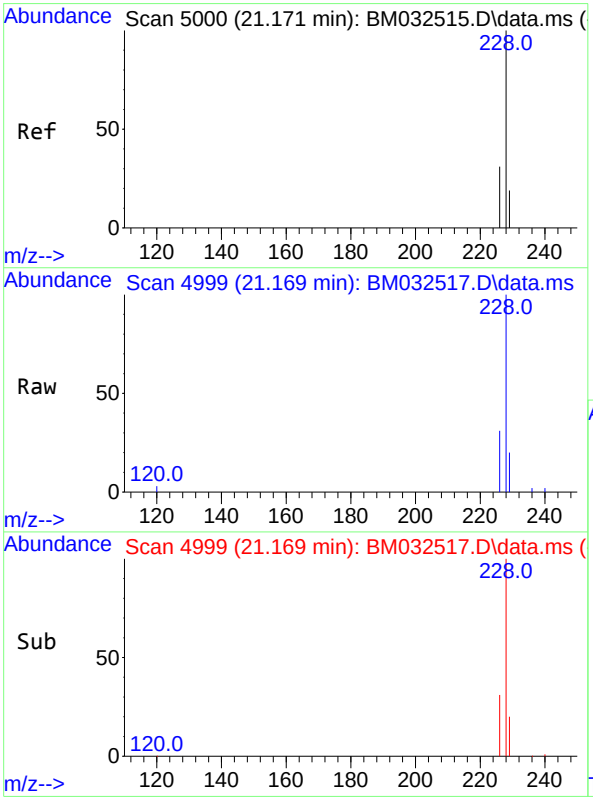


#21
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.116 min Scan# 4977
Delta R.T. -0.005 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:228 Resp: 9689

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	27.9	22.4	33.6

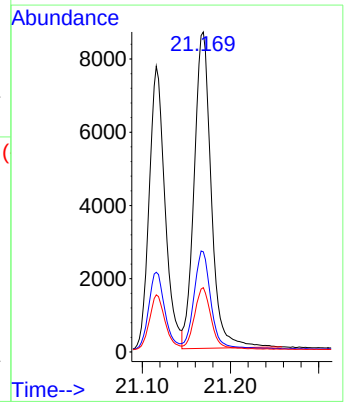




#22
Chrysene
Concen: 0.40 ng/ul
RT: 21.169 min Scan# 4999
Delta R.T. -0.002 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:228 Resp: 11599

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.1	37.7
229	20.1	15.7	23.5



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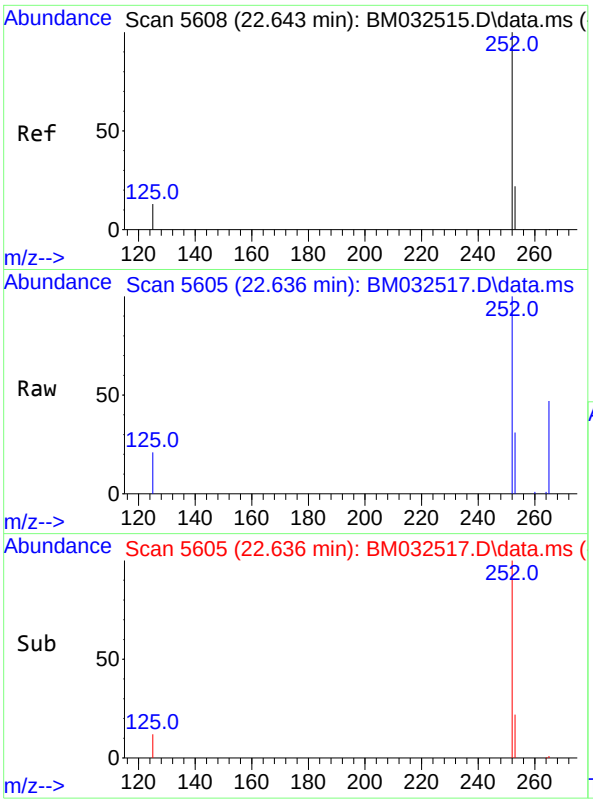
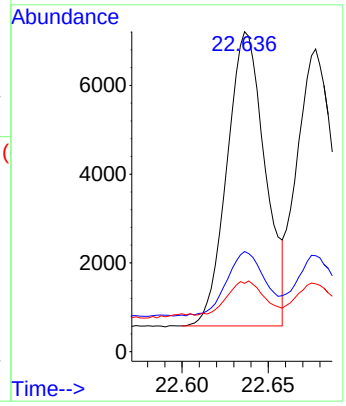


#24
Benzo(b)fluoranthene
Concen: 0.41 ng/ul
RT: 22.636 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:252 Resp: 10206

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	53.8
125	21.4	0.0	35.6



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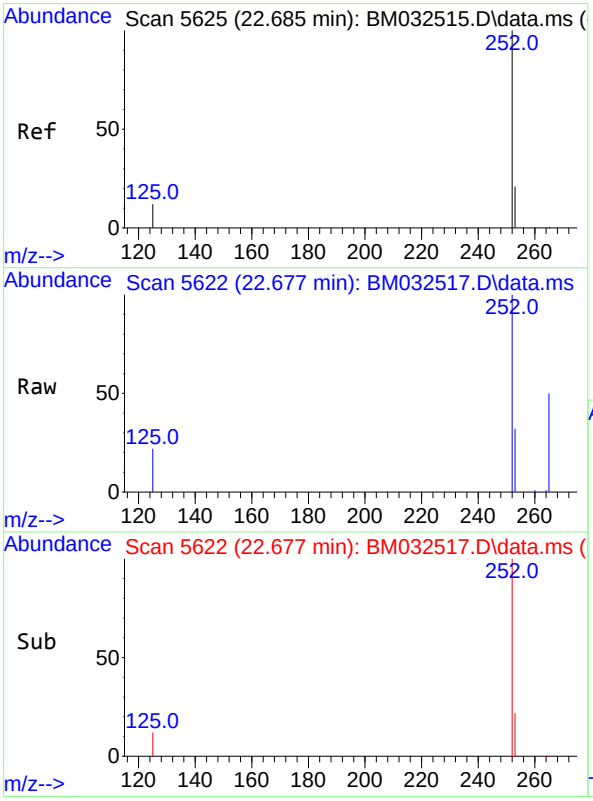
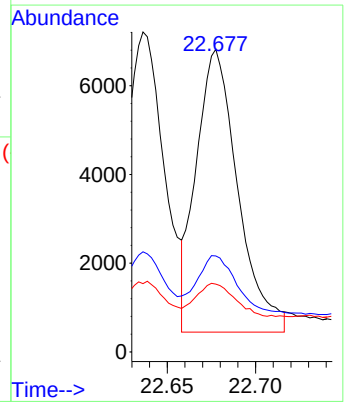
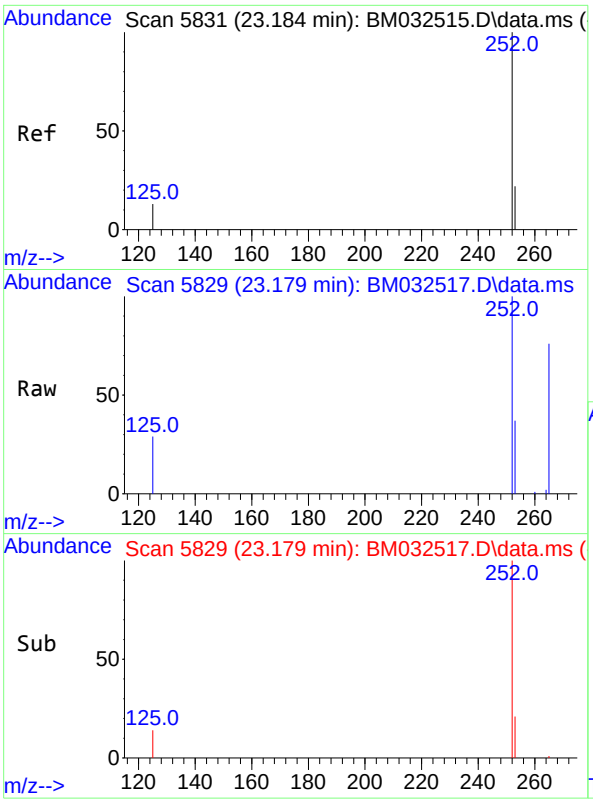


#25
Benzo(k)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.677 min Scan# 5622
Delta R.T. -0.007 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:252 Resp: 10469

Ion	Ratio	Lower	Upper
252	100		
253	31.7	21.8	32.6
125	22.4	14.4	21.6#

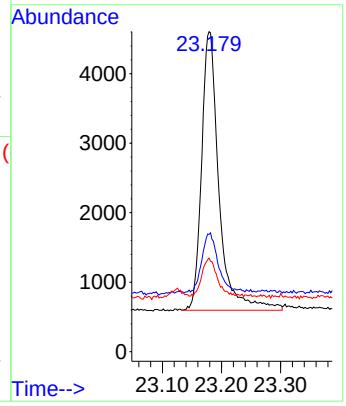




#26
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.179 min Scan# 5829
Delta R.T. -0.005 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:252 Resp: 8180

Ion	Ratio	Lower	Upper
252	100		
253	36.7	23.6	35.4#
125	29.3	17.1	25.7#



Instrument :
BNA_M
ClientSampleId :
SLCS791

Manual Integrations APPROVED
mohammad
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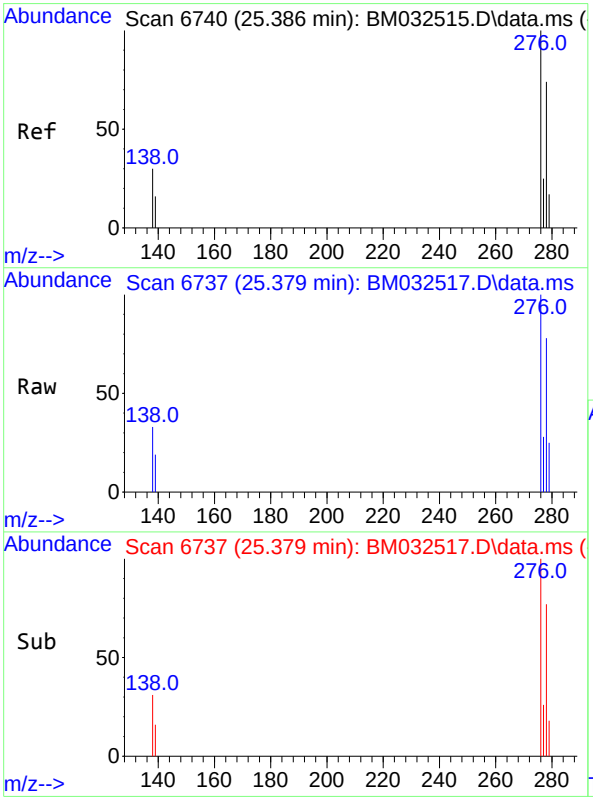
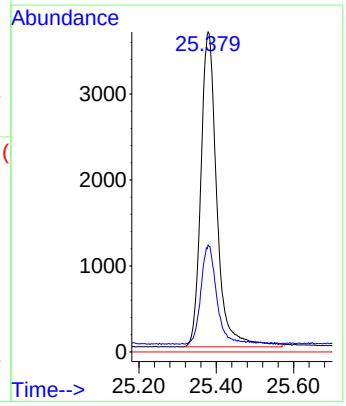
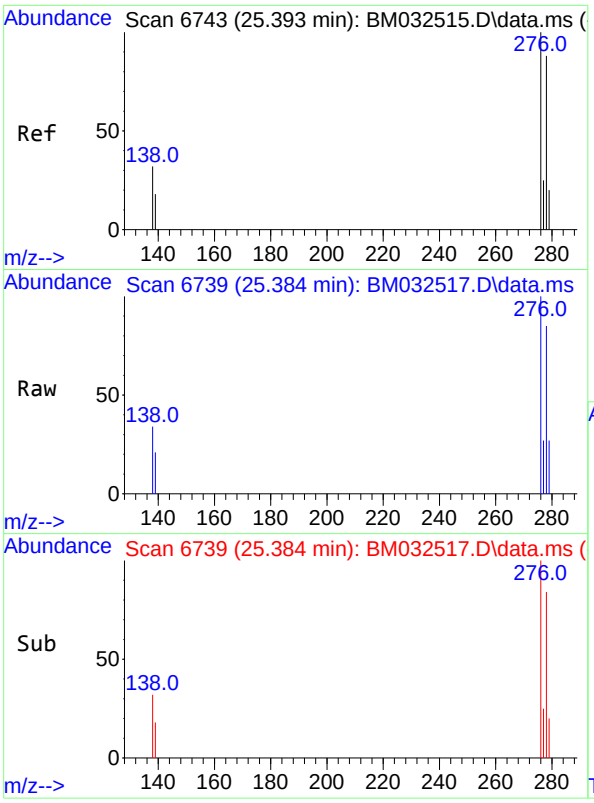


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. -0.007 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:276 Resp: 10496

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.9	37.3
227	0.0	0.0	0.0

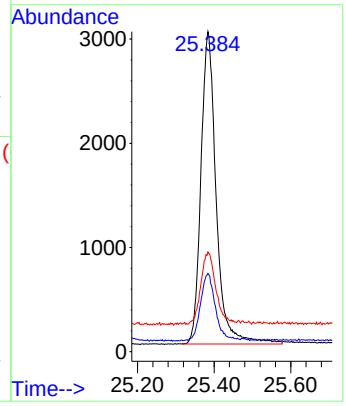




#28
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 25.384 min Scan# 6739
Delta R.T. -0.010 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

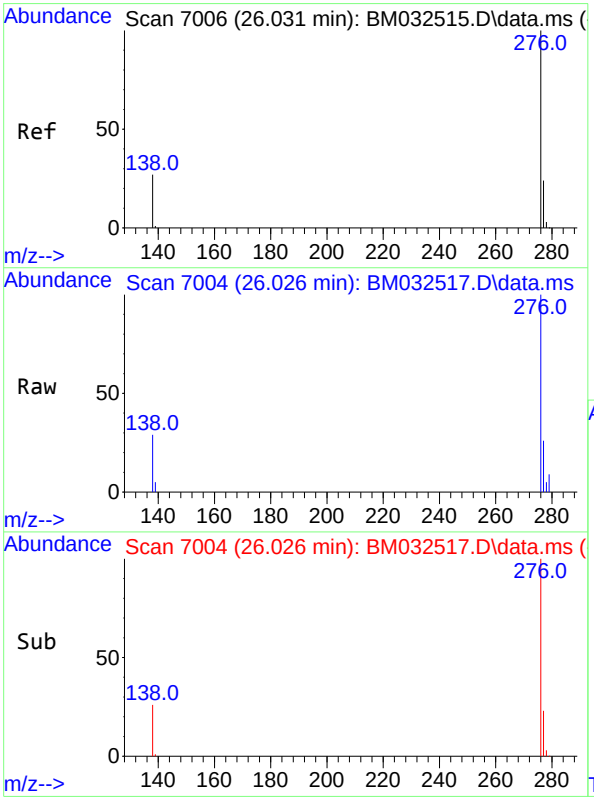
Tgt Ion:278 Resp: 8283

Ion	Ratio	Lower	Upper
278	100		
139	24.5	18.6	28.0
279	31.2	22.0	33.0



Instrument :
BNA_M
ClientSampleId :
SLCS791

Manual Integrations APPROVED
mohammad
10/18/2021 12:40:58 PM



#29
Benzo(g,h,i)perylene
Concen: 0.44 ng/ul
RT: 26.026 min Scan# 7004
Delta R.T. -0.005 min
Lab File: BM032517.D
Acq: 15 Oct 2021 09:50

Tgt Ion:276 Resp: 9658

Ion	Ratio	Lower	Upper
276	100		
138	28.8	22.6	33.8
277	26.2	19.9	29.9