Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032578.D
Acq On : 18 Oct 2021 17:59
Operator : CG/JU
Sample : M4181-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B15

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Quant Time: Oct 18 18:29:31 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 : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5698	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	16906	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	7444	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	12814	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	9967	0.40	ng/ul	0.00
23) Perylene-d12	23.257	264	10285	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	21740	3.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	4495	0.20	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	6785	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	9651	0.19	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	6985	0.21	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	5481	0.17	ng/ul	100
10) Acenaphthylene	13.928	152	903	0.03	ng/ul#	65
15) Phenanthrene	16.984	178	7641	0.18	ng/ul	98
16) Anthracene	17.075	178	836m	0.02	ng/ul	
19) Fluoranthene	19.000	202	7564	0.15	ng/ul#	94
20) Pyrene	19.362	202	4902	0.10	ng/ul	95
21) Benzo(a)anthracene	21.106	228	3336	0.09	ng/ul#	90
22) Chrysene	21.159	228	4162	0.10	ng/ul#	92
24) Benzo(b)fluoranthene	22.627	252	5283m	0.11	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	2350m	0.05	ng/ul	
26) Benzo(a)pyrene	23.160	252	1565	0.04	ng/ul#	5
27) Indeno(1,2,3-cd)pyrene	25.357	276	1534	0.03	ng/ul#	98

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

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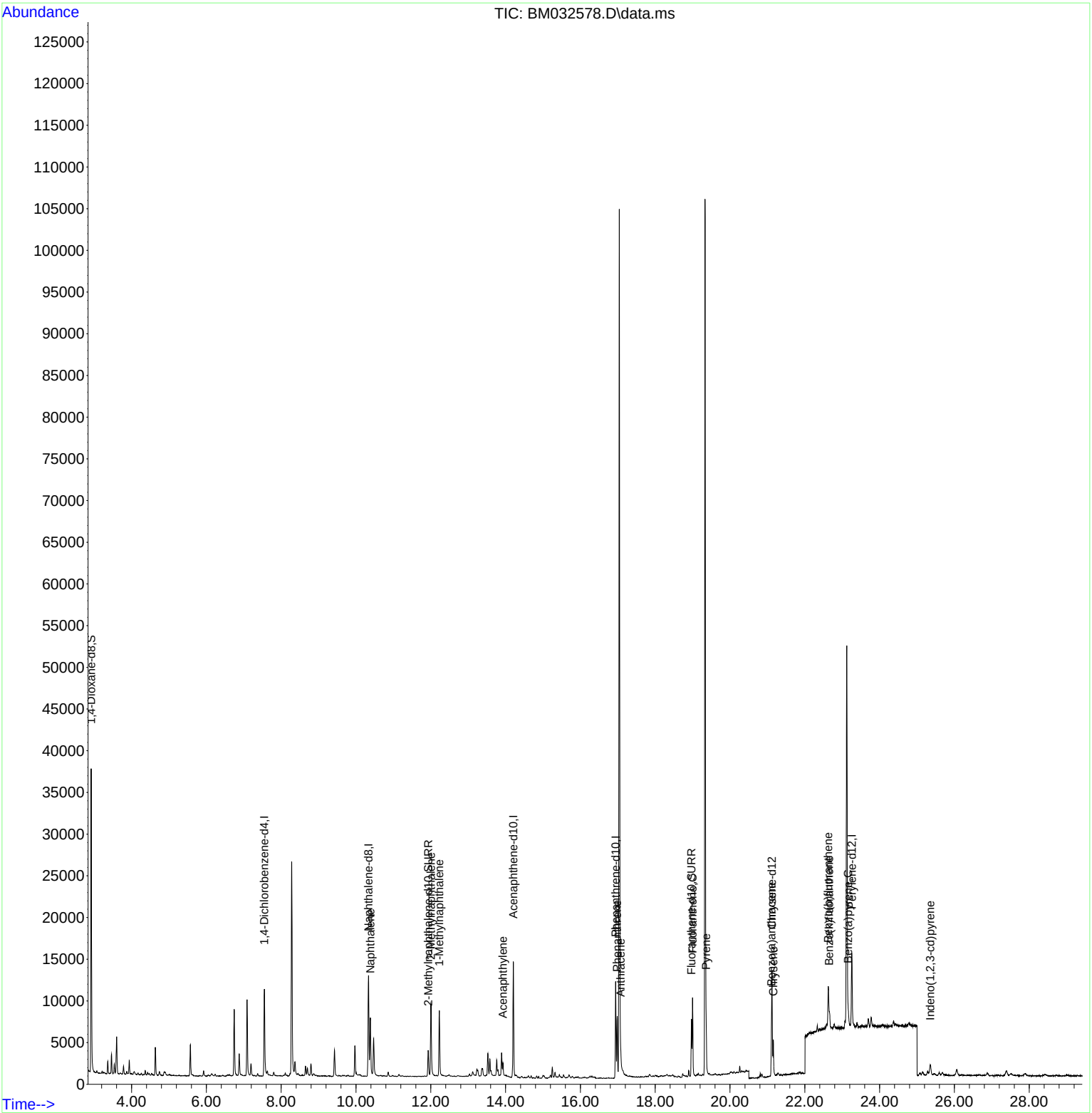
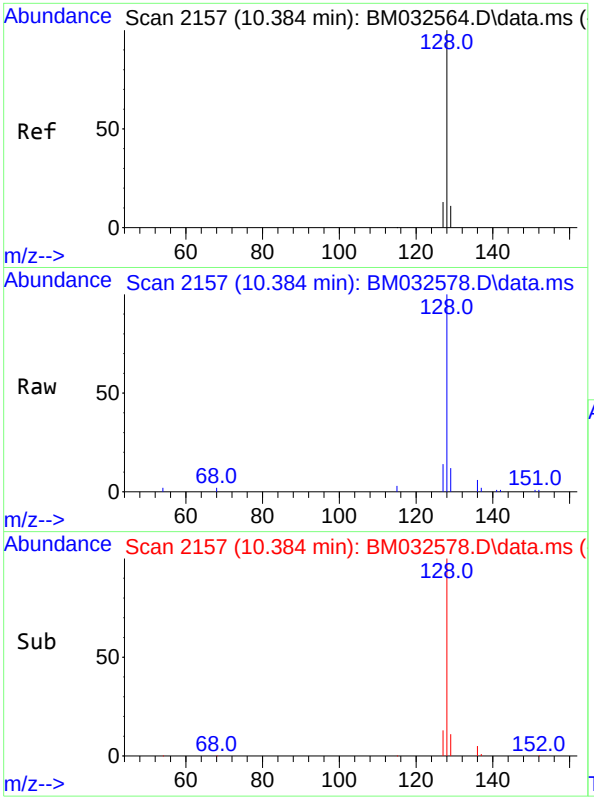
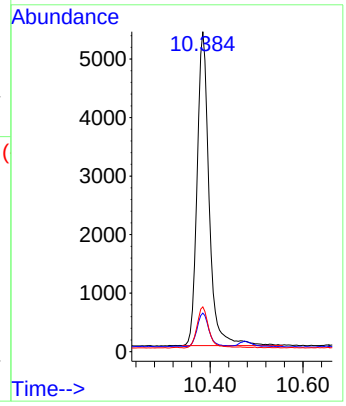


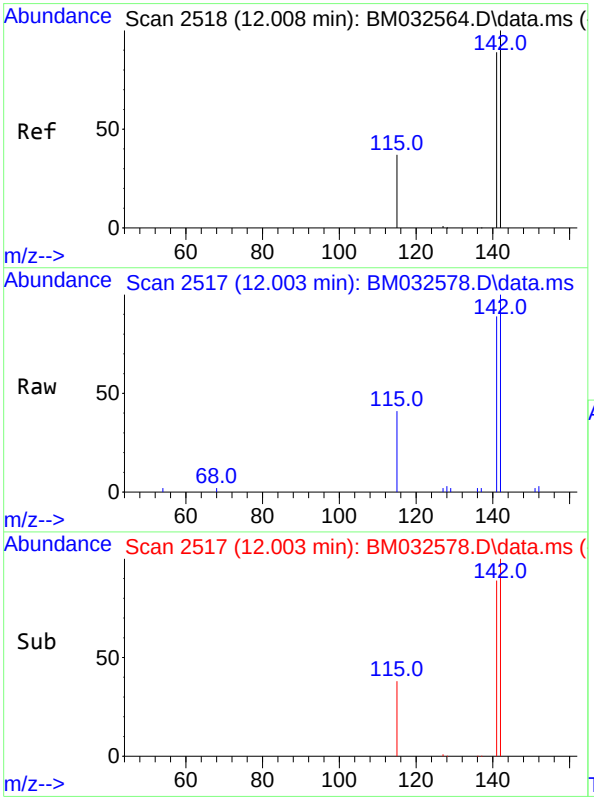


#5
Naphthalene
Concen: 0.19 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:128 Resp: 9651

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.0	11.1	16.7

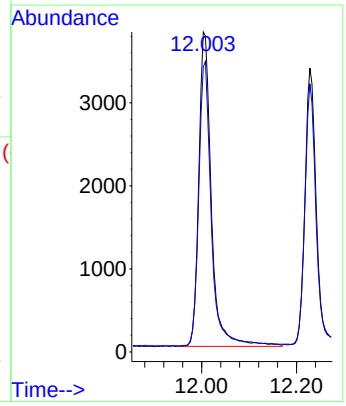




#7
2-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:142 Resp: 6985

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.2



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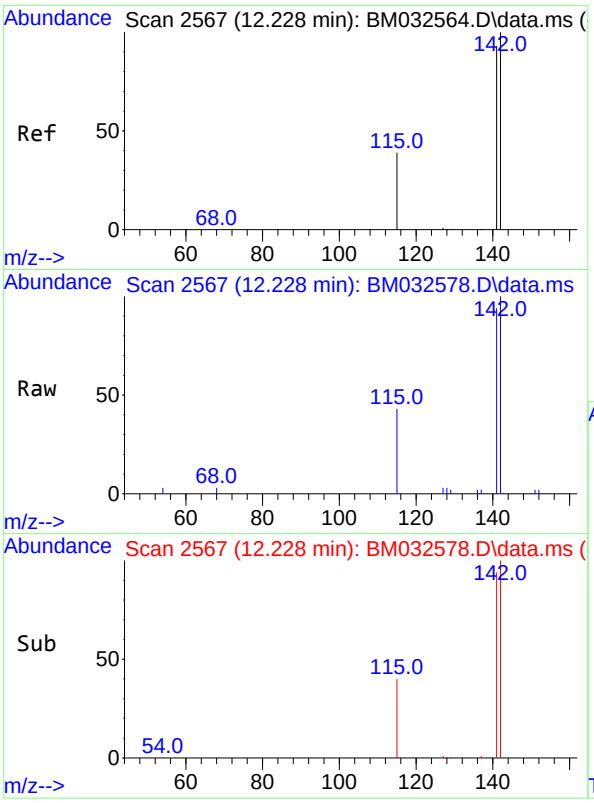
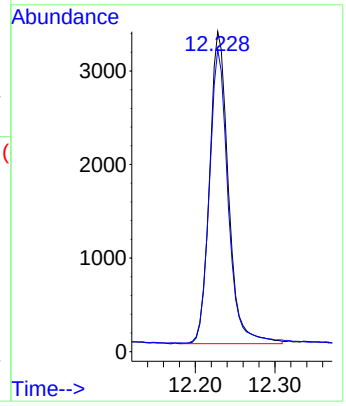


#8
1-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:142 Resp: 5481

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.9	112.3



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BNA_M
ClientSampleId :
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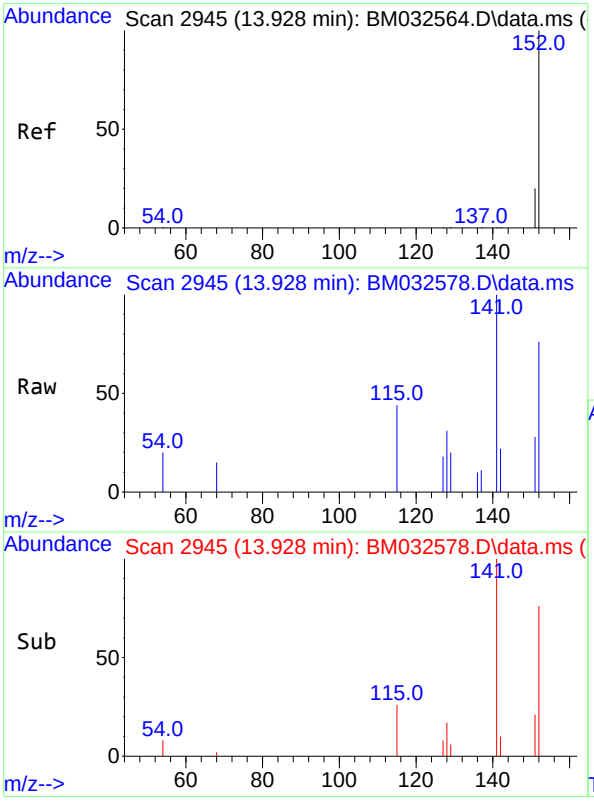
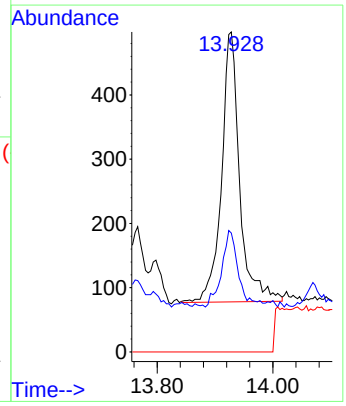
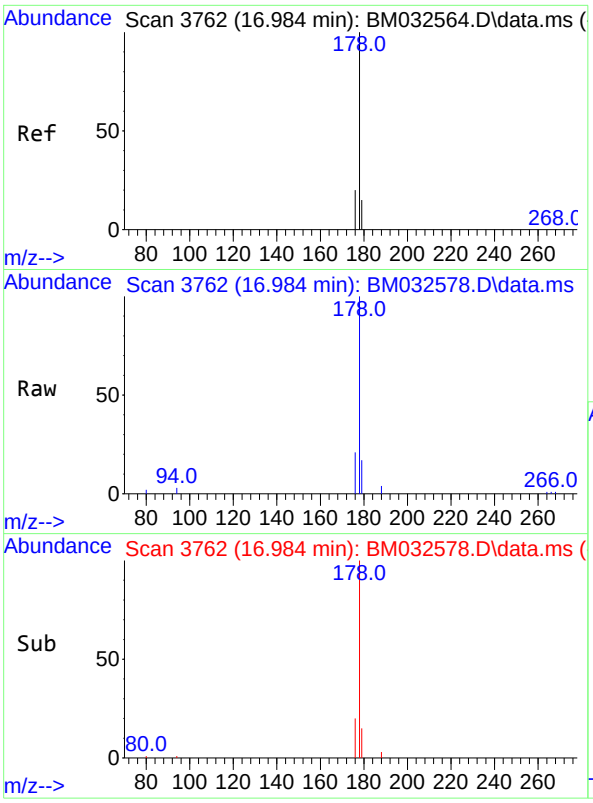


#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:152 Resp: 903

Ion	Ratio	Lower	Upper
152	100		
151	37.1	16.7	25.1#
153	0.0	0.0	0.0

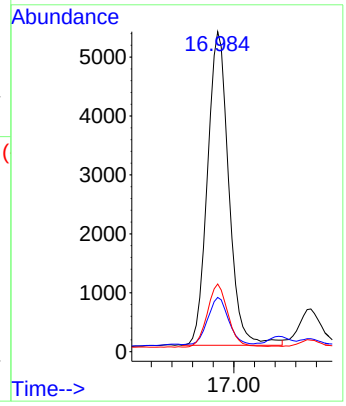




#15
Phenanthrene
Concen: 0.18 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:178 Resp: 7641

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	21.1	16.1	24.1



Instrument :
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ClientSampleId :
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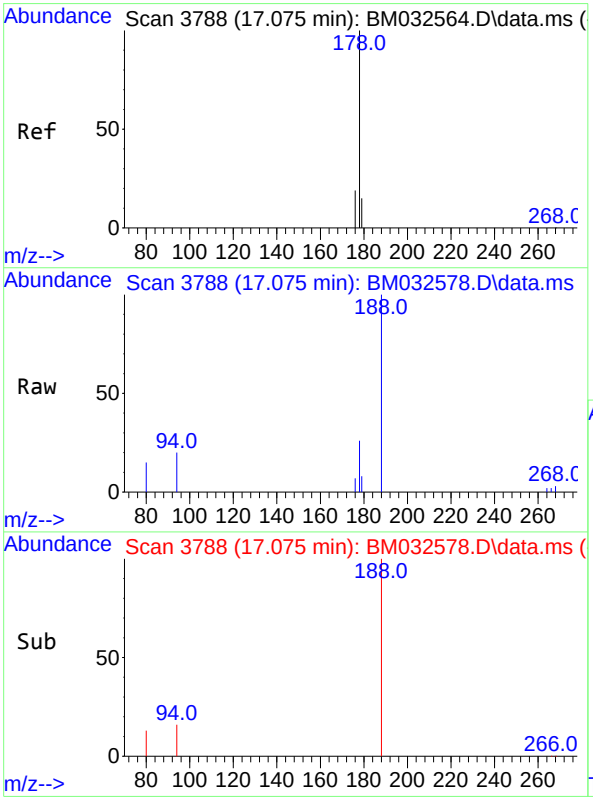
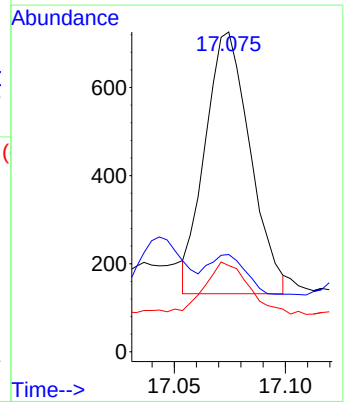
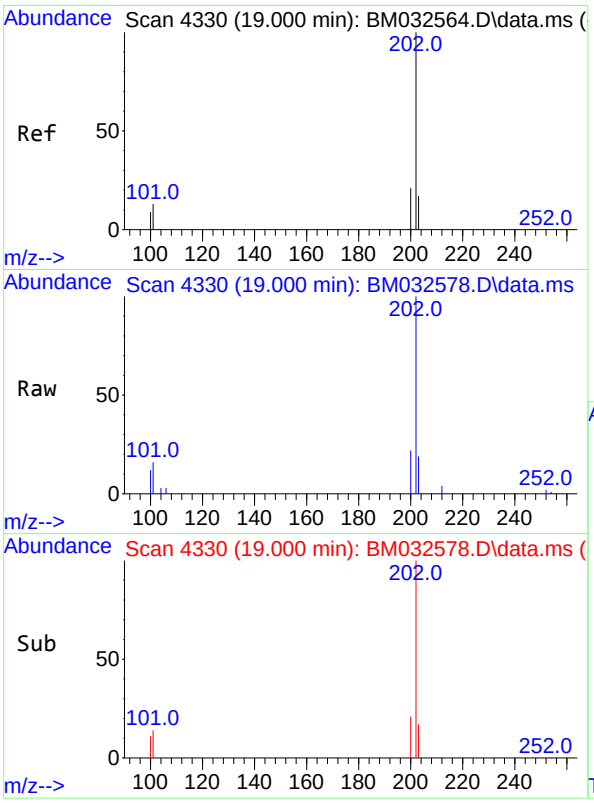


#16
Anthracene
Concen: 0.02 ng/ul m
RT: 17.075 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:178 Resp: 836

Ion	Ratio	Lower	Upper
178	100		
179	30.4	12.9	19.3#
176	27.0	15.8	23.6#

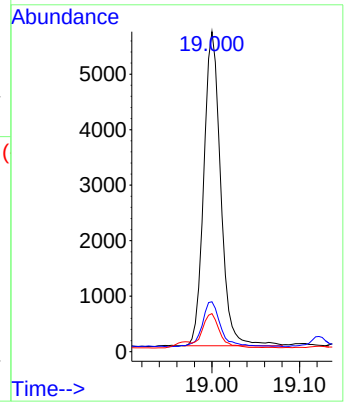




#19
Fluoranthene
Concen: 0.15 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:202 Resp: 7564

Ion	Ratio	Lower	Upper
202	100		
101	15.6	10.6	16.0
100	11.9	7.8	11.8#



Instrument :
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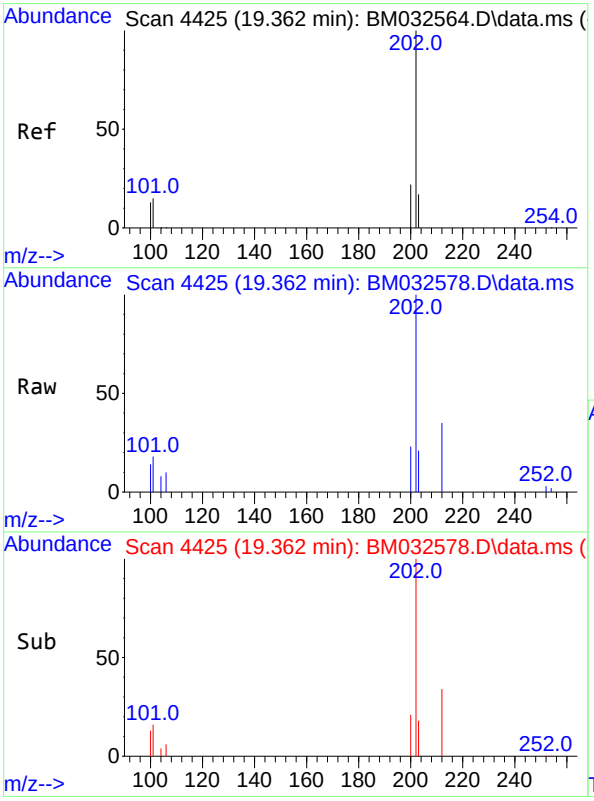
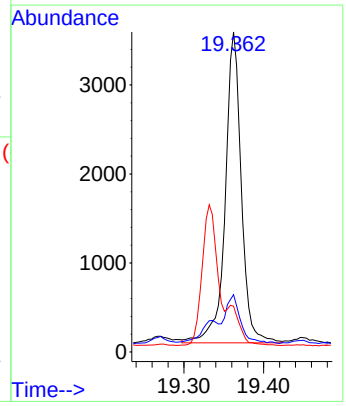
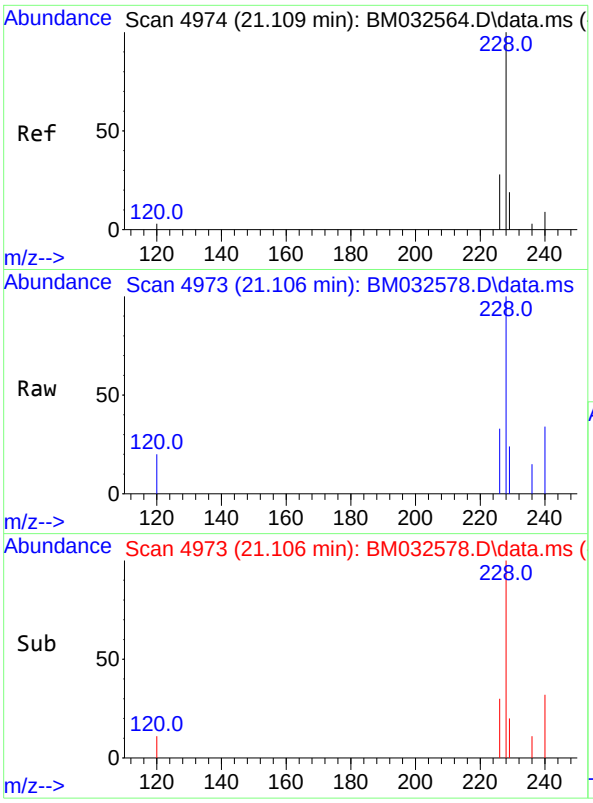


#20
Pyrene
Concen: 0.10 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:202 Resp: 4902

Ion	Ratio	Lower	Upper
202	100		
101	17.9	12.3	18.5
100	14.3	10.1	15.1

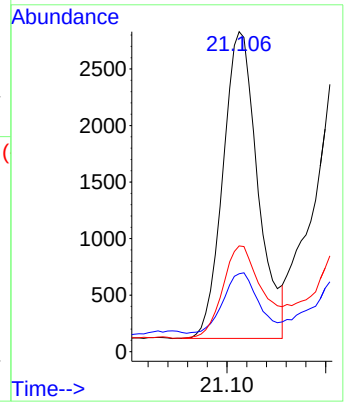


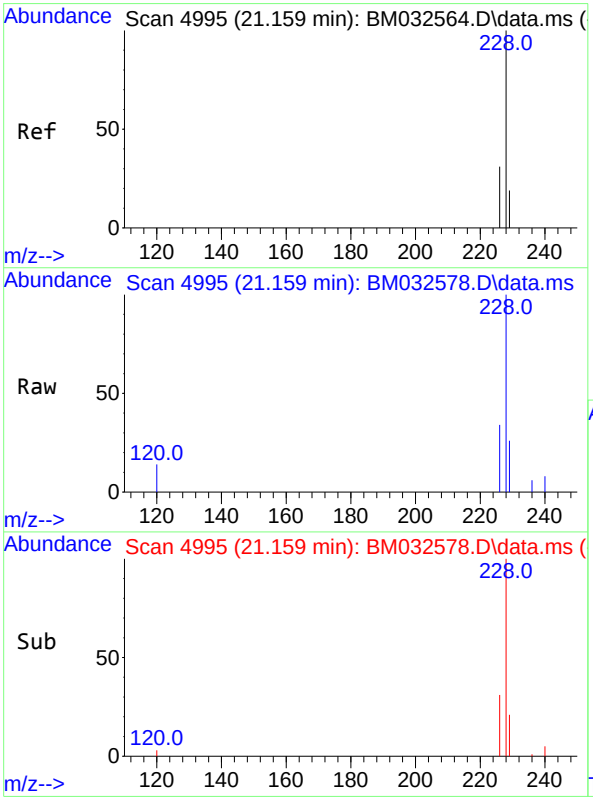


#21
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:228 Resp: 3336

Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.9	23.9#
226	33.1	22.4	33.6

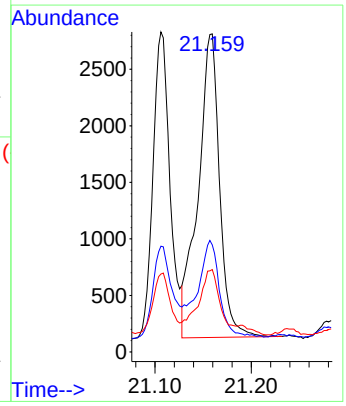




#22
Chrysene
Concen: 0.10 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:228 Resp: 4162

Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.1	37.7
229	25.9	15.7	23.5#



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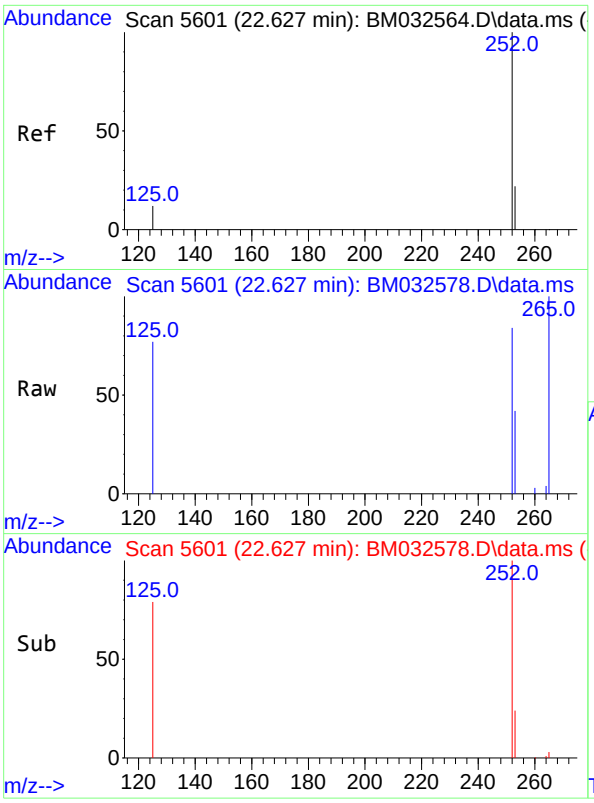
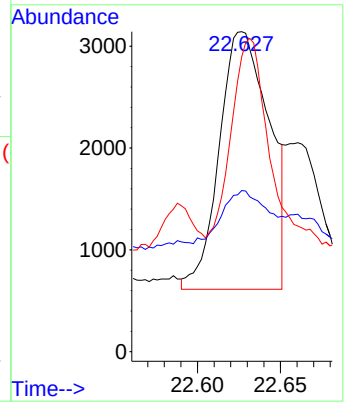


#24
Benzo(b)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:252 Resp: 5283

Ion	Ratio	Lower	Upper
252	100		
253	50.4	0.0	53.8
125	92.2	0.0	35.6#



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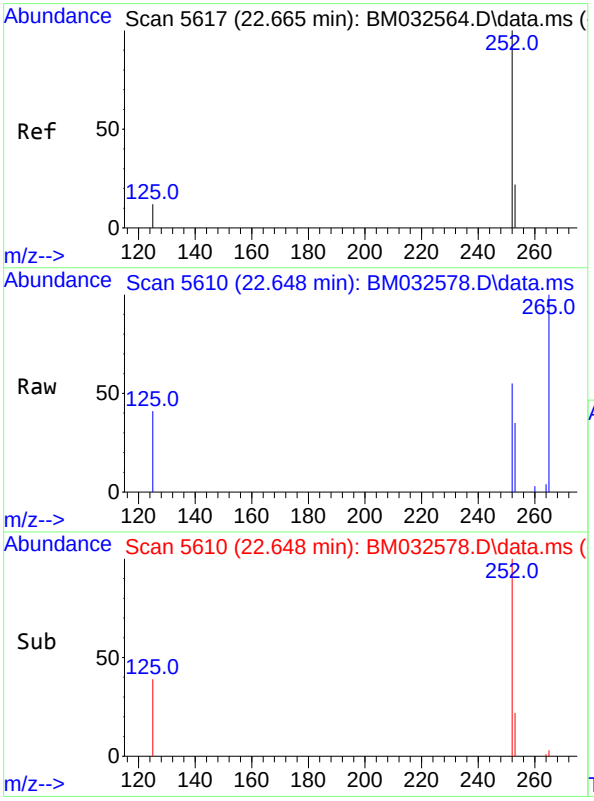
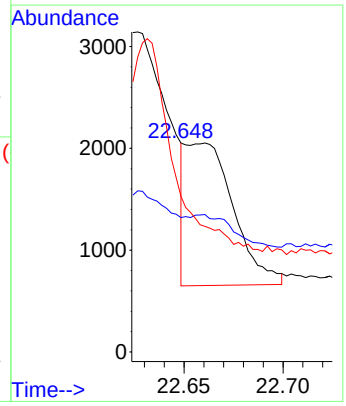
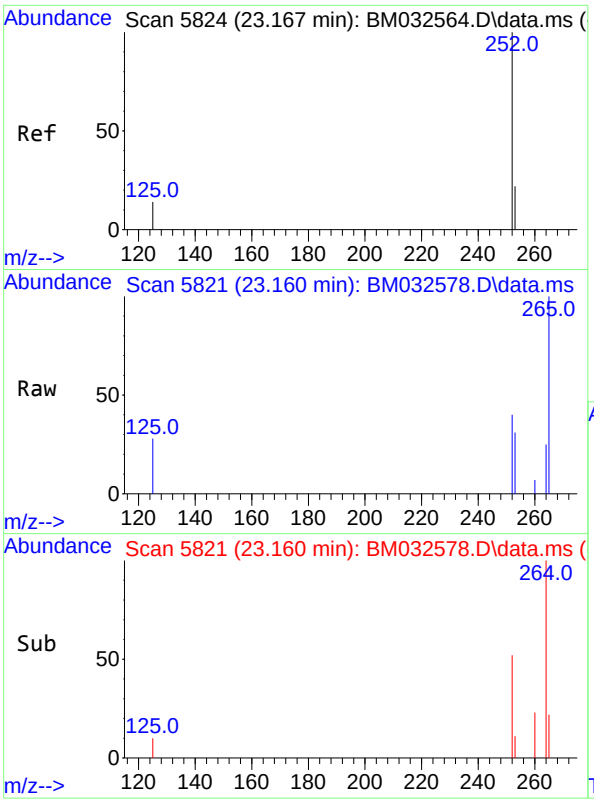


#25
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.648 min Scan# 5610
Delta R.T. -0.017 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:252 Resp: 2350

Ion	Ratio	Lower	Upper
252	100		
253	64.3	21.8	32.6#
125	74.5	14.4	21.6#

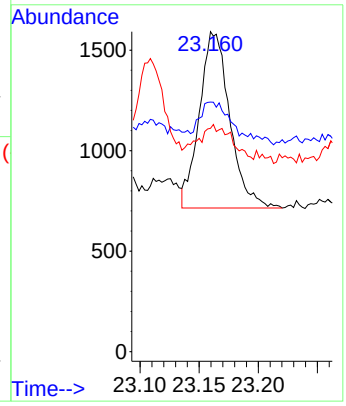


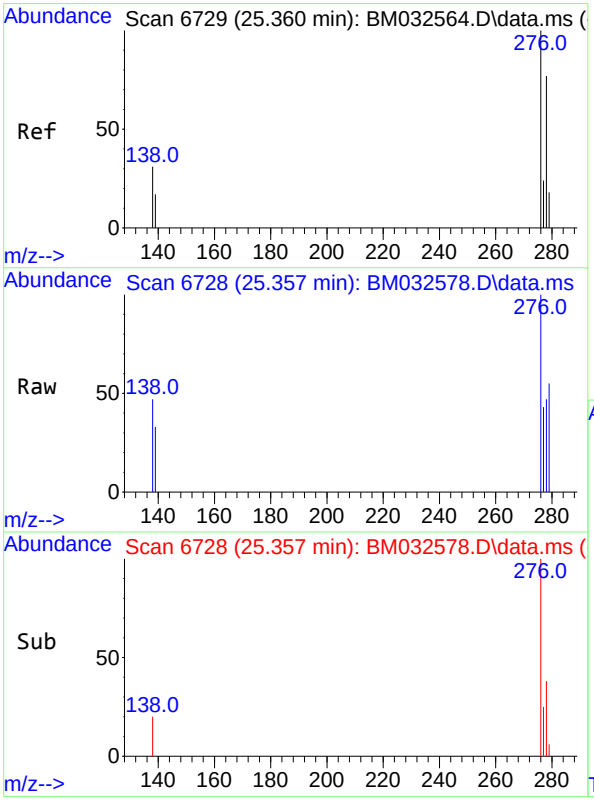


#26
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.160 min Scan# 5821
Delta R.T. -0.007 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:252 Resp: 1565

Ion	Ratio	Lower	Upper
252	100		
253	78.0	23.6	35.4#
125	69.8	17.1	25.7#

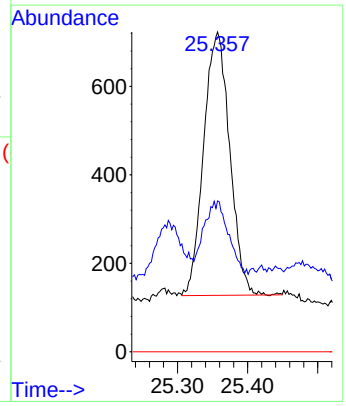




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.002 min
Lab File: BM032578.D
Acq: 18 Oct 2021 17:59

Tgt Ion:276 Resp: 1534

Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.9	37.3
227	0.0	0.0	0.0



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