Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
Sample : M4029-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00S8

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Quant Time: Oct 18 04:09:46 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	7.553	152	6336	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	20543	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	11048	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	22119	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	15652	0.40	ng/ul	-0.01
23) Perylene-d12	23.257	264	12582	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	12834	1.81	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3079	0.11	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7128	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.389	128	4014	0.06	ng/ul#	95
7) 2-Methylnaphthalene	12.012	142	2603	0.06	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1659	0.04	ng/ul	100
10) Acenaphthylene	13.928	152	1241	0.03	ng/ul#	62
15) Phenanthrene	16.988	178	12608	0.17	ng/ul	99
16) Anthracene	17.078	178	1940	0.03	ng/ul#	90
19) Fluoranthene	19.004	202	26553	0.34	ng/ul	99
20) Pyrene	19.362	202	25745	0.32	ng/ul	97
21) Benzo(a)anthracene	21.106	228	10254	0.17	ng/ul	97
22) Chrysene	21.159	228	13625	0.20	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	14359m	0.25	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	7007m	0.12	ng/ul	
26) Benzo(a)pyrene	23.164	252	8952	0.18	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.360	276	5997	0.10	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.360	278	2035	0.04	ng/ul#	52
29) Benzo(g,h,i)perylene	26.006	276	5680	0.11	ng/ul	93

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

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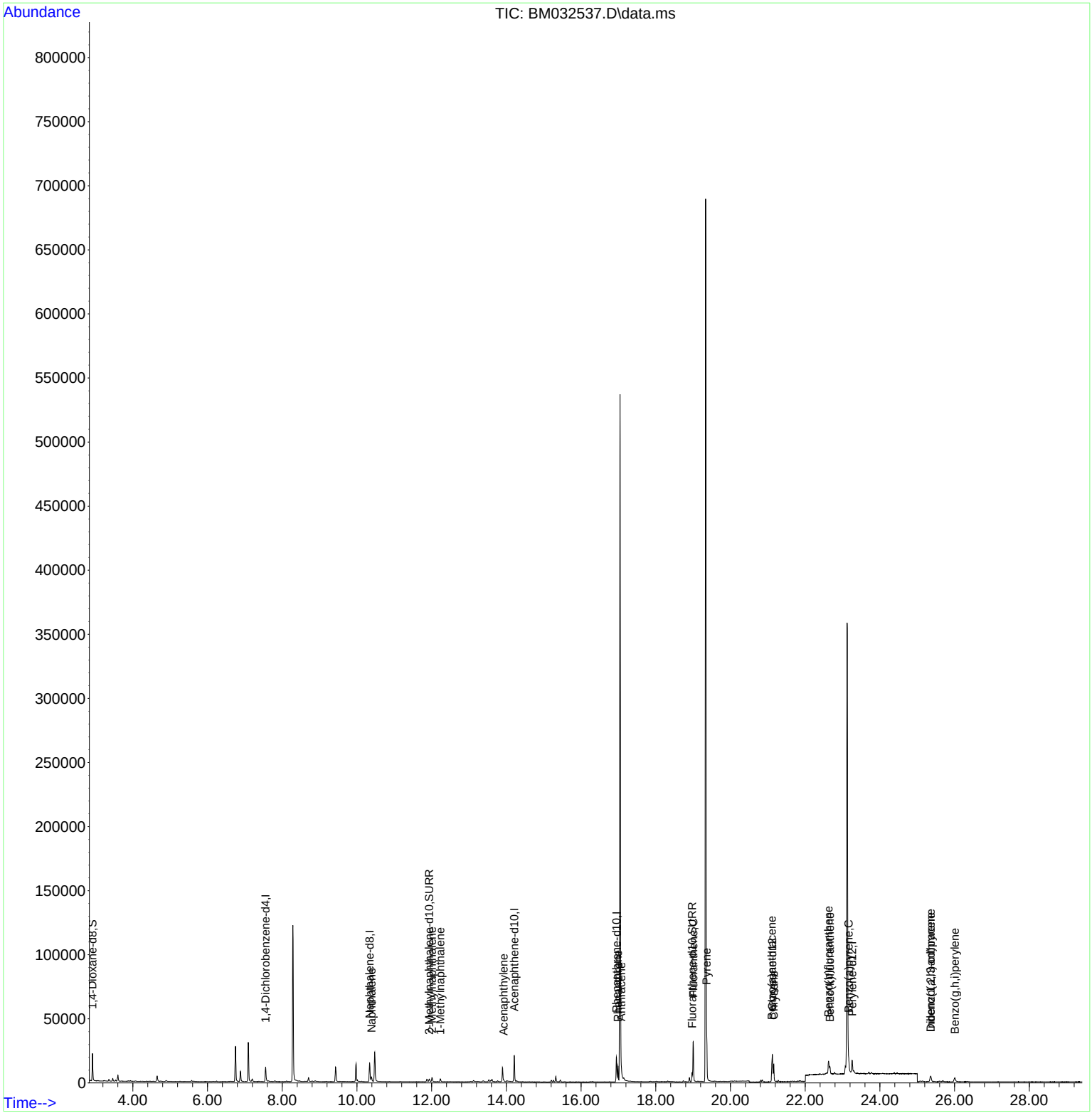
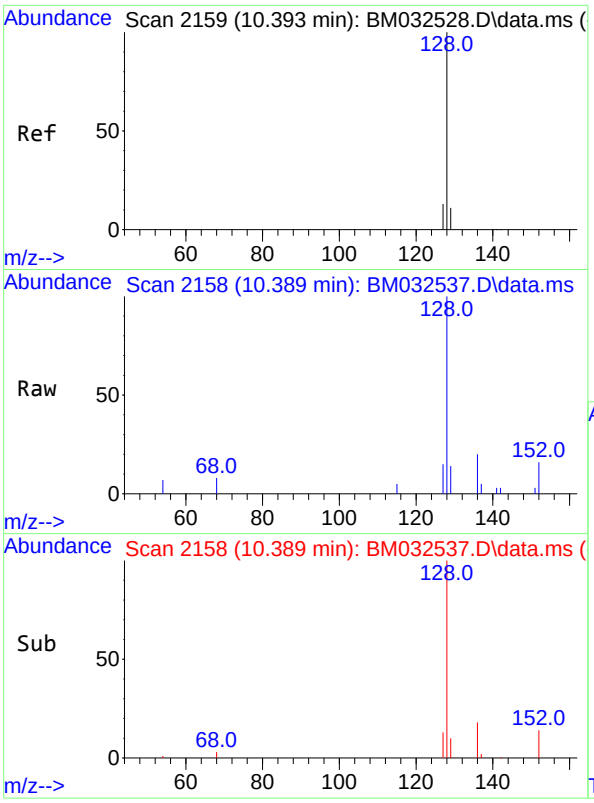
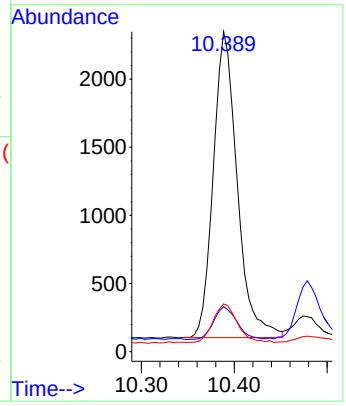


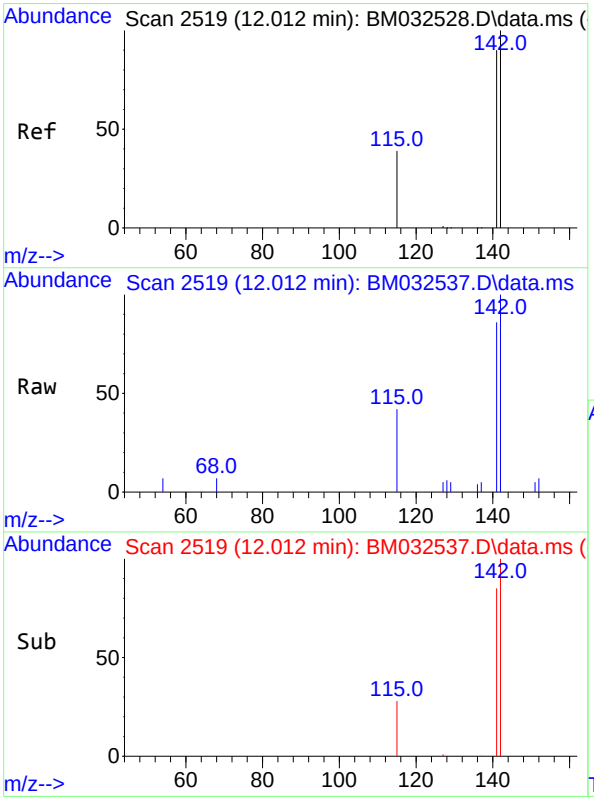


#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:128 Resp: 4014

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.1	13.7#
127	14.9	11.1	16.7

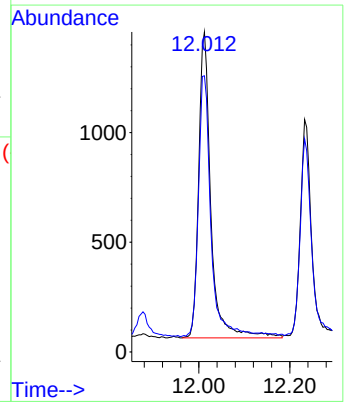




#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:142 Resp: 2603

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2



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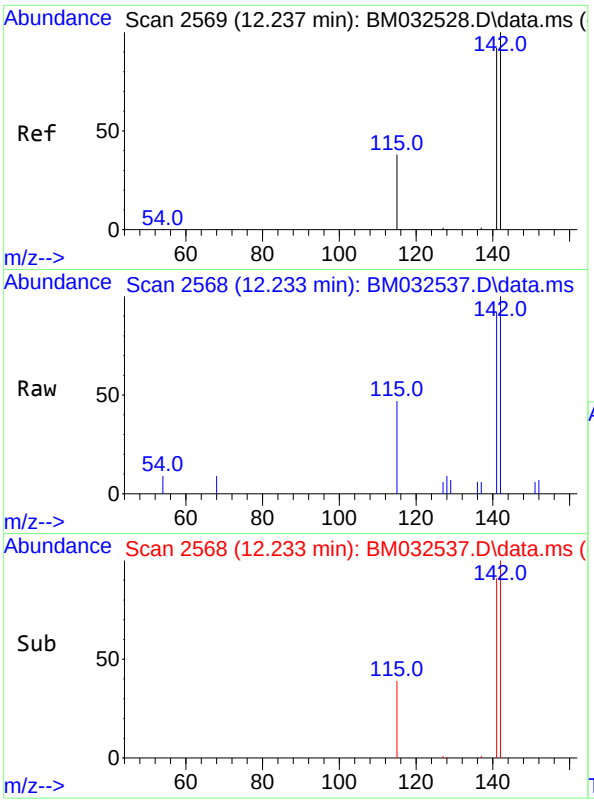
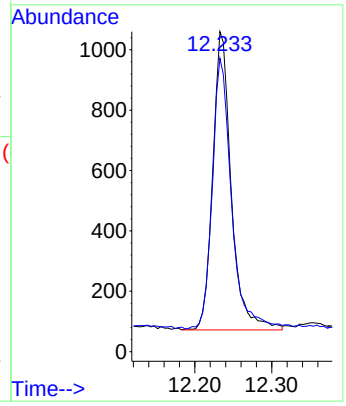


#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:142 Resp: 1659

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.9	112.3



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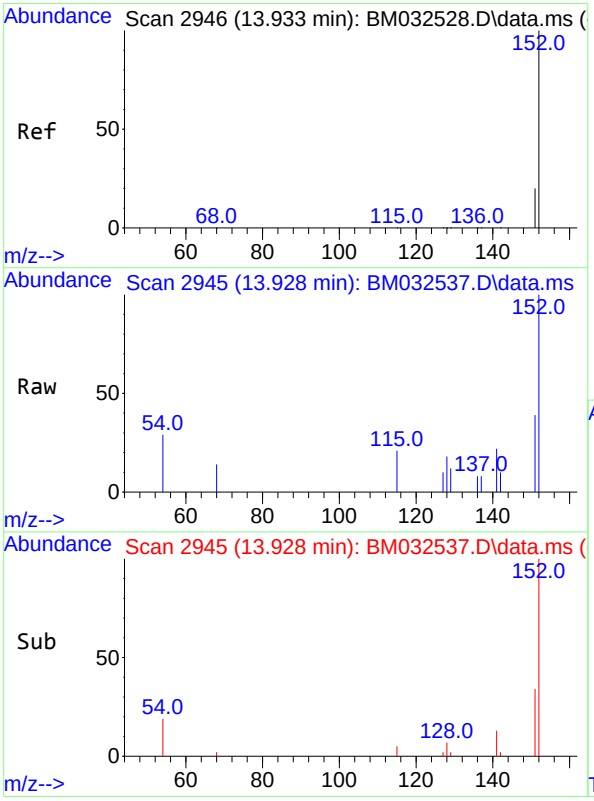
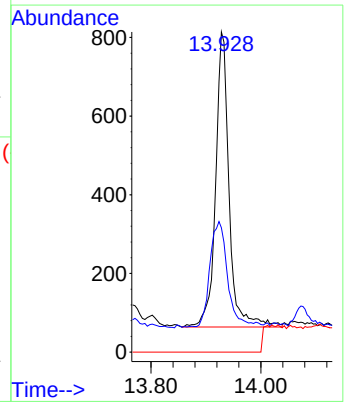
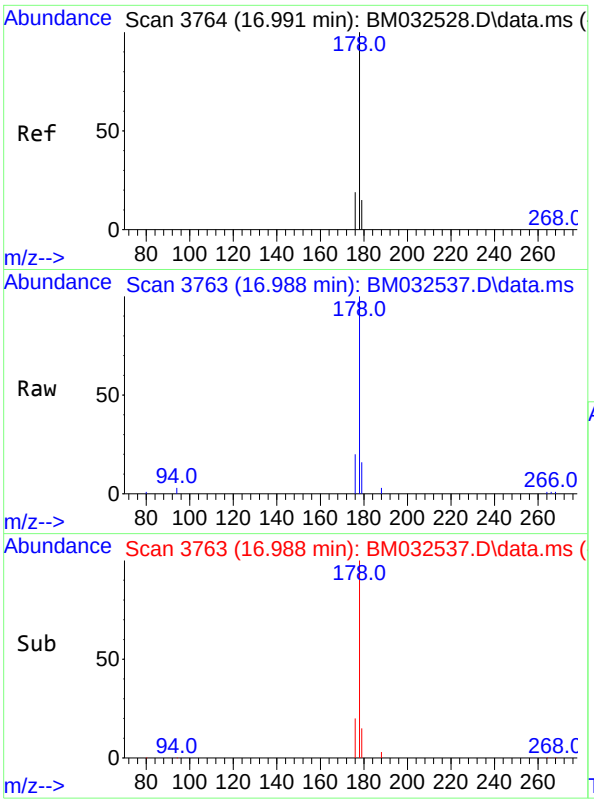


#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:152 Resp: 1241

Ion	Ratio	Lower	Upper
152	100		
151	38.8	16.7	25.1#
153	0.0	0.0	0.0

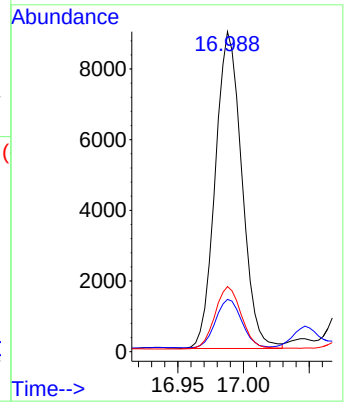




#15
Phenanthrene
Concen: 0.17 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:178 Resp: 12608

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.4	16.1	24.1



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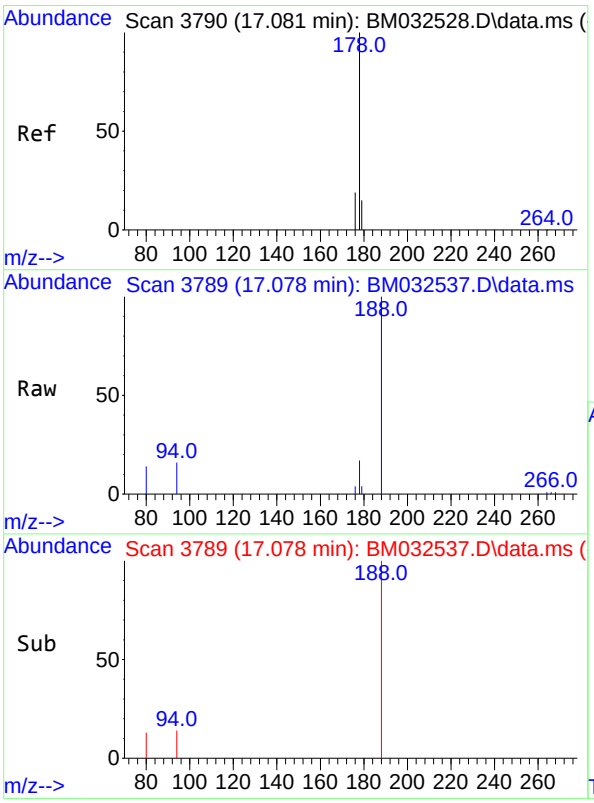
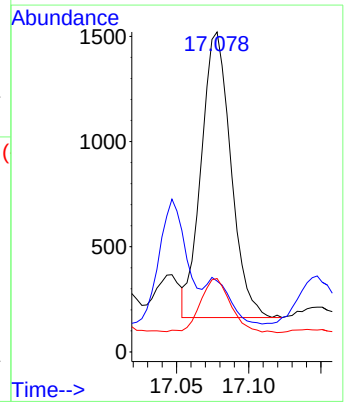
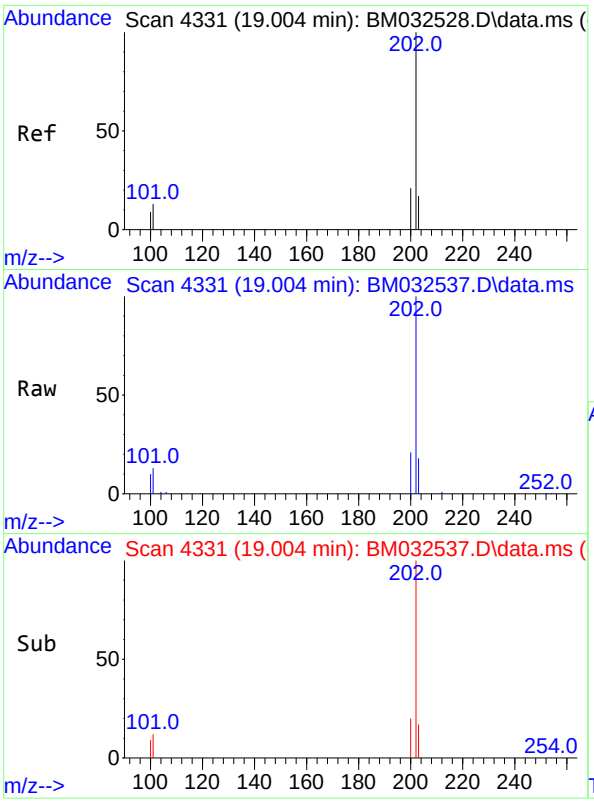


#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:178 Resp: 1940

Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.9	19.3#
176	22.9	15.8	23.6

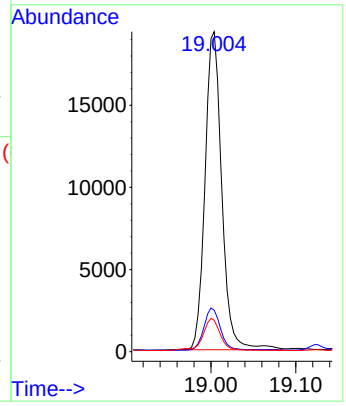


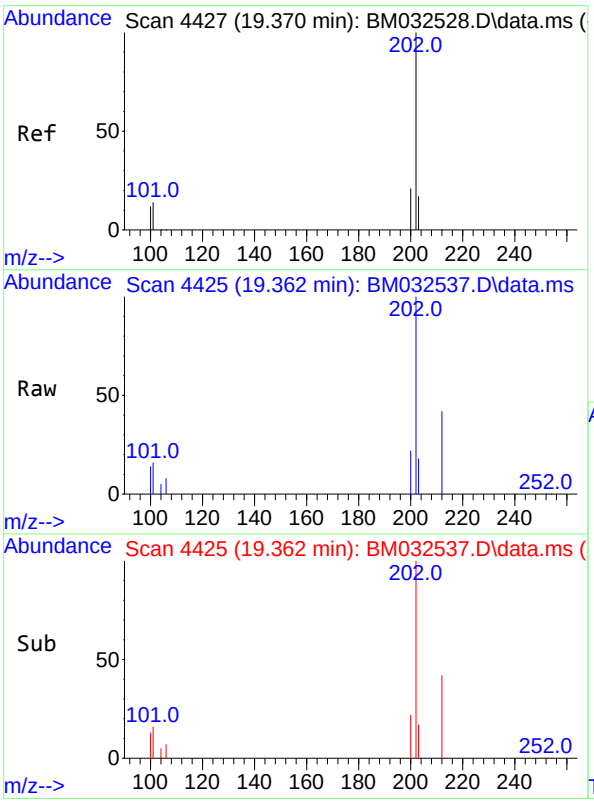


#19
Fluoranthene
Concen: 0.34 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:202 Resp: 26553

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	9.9	7.8	11.8

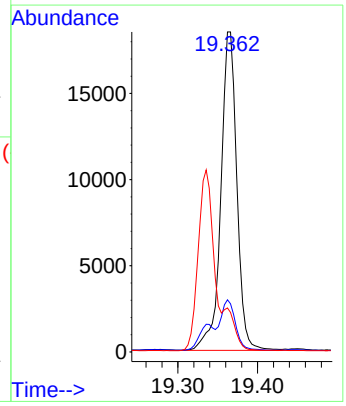




#20
Pyrene
Concen: 0.32 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.011 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:202 Resp: 25745

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.3	18.5
100	13.8	10.1	15.1



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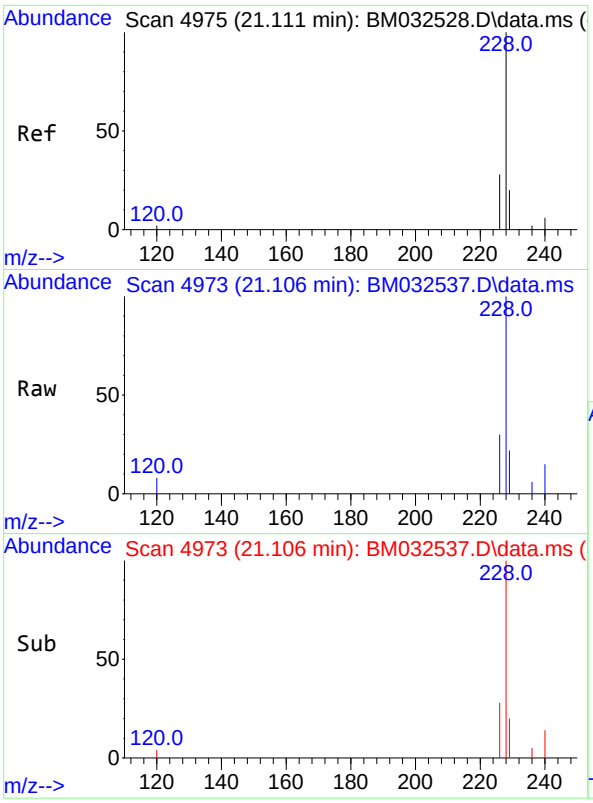
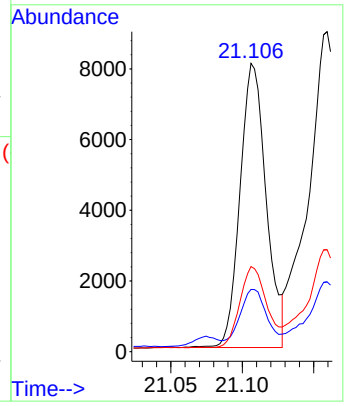


#21
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.014 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:228 Resp: 10254

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	29.5	22.4	33.6



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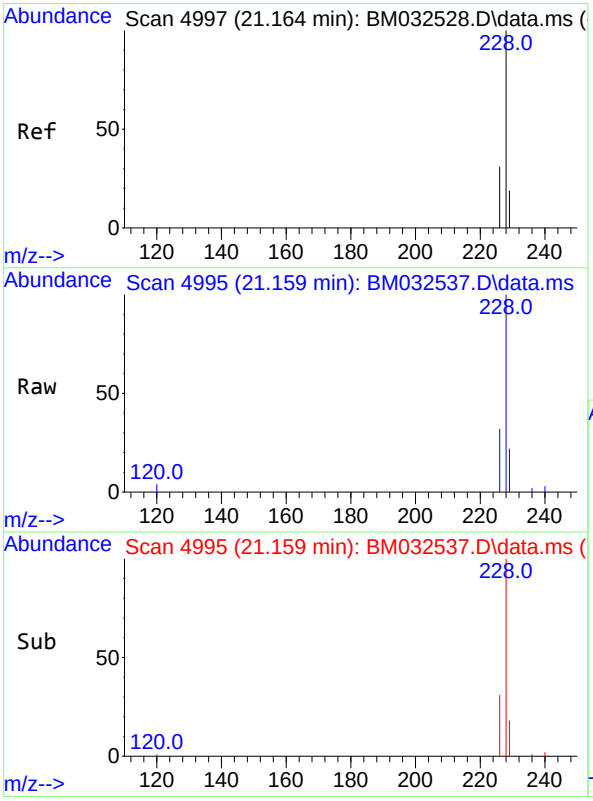
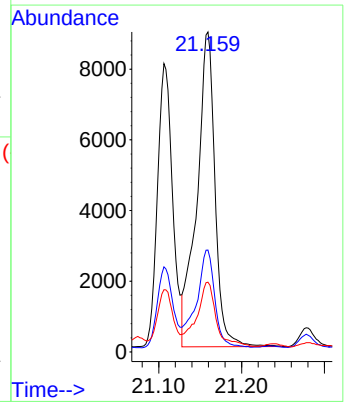
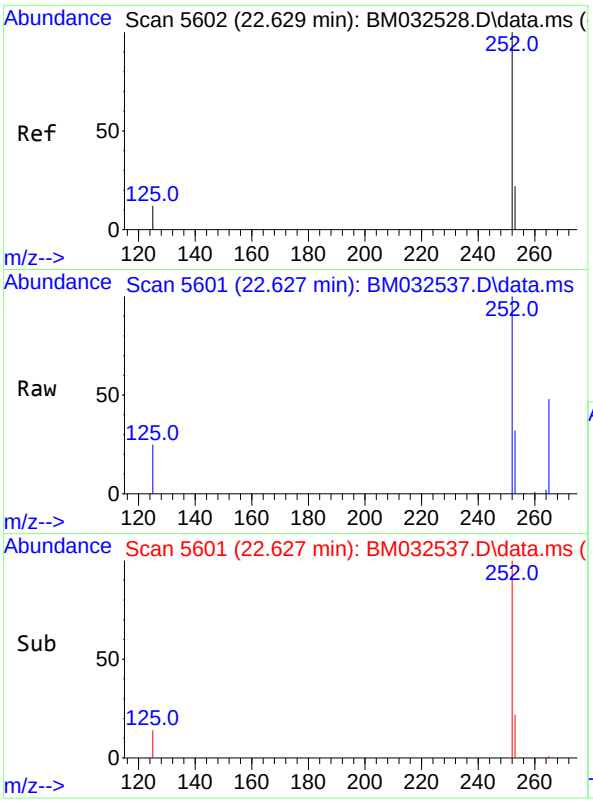


#22
Chrysene
Concen: 0.20 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:228 Resp: 13625

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.1	37.7
229	21.8	15.7	23.5

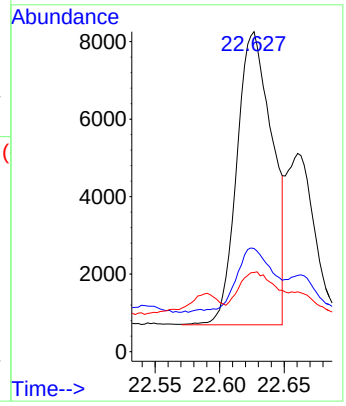




#24
Benzo(b)fluoranthene
Concen: 0.25 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:252 Resp: 14359

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	53.8
125	24.8	0.0	35.6



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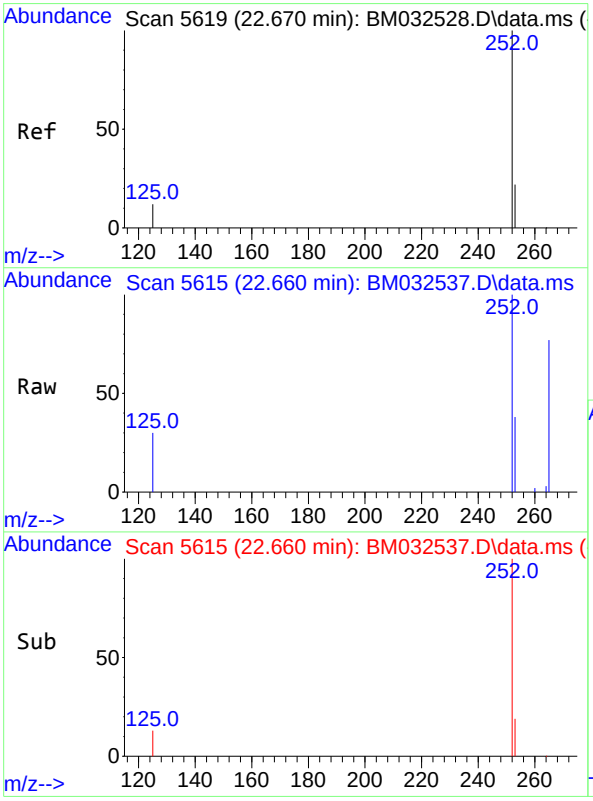
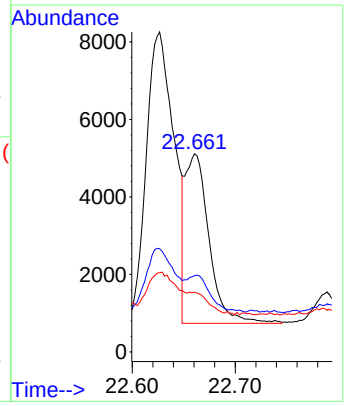
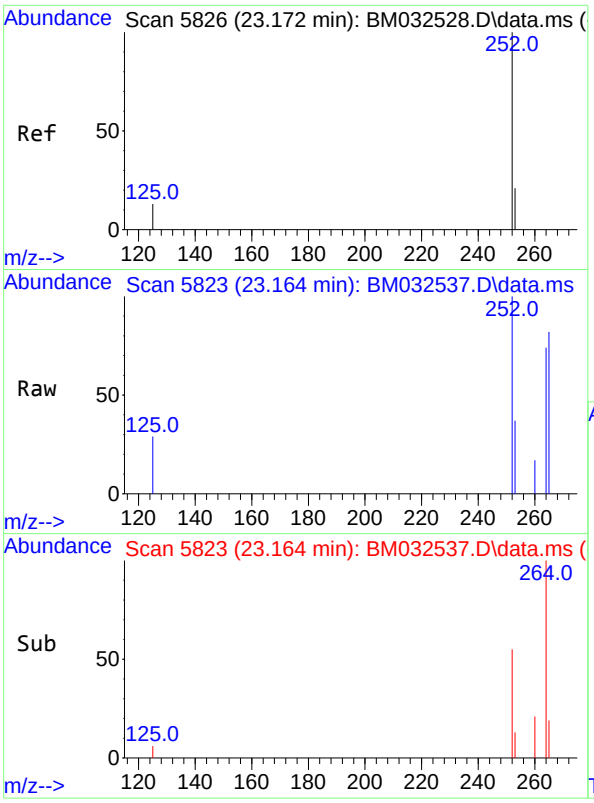


#25
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 22.660 min Scan# 5615
Delta R.T. -0.024 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:252 Resp: 7007

Ion	Ratio	Lower	Upper
252	100		
253	38.4	21.8	32.6#
125	30.2	14.4	21.6#

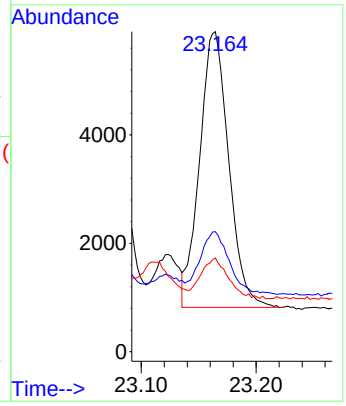




#26
Benzo(a)pyrene
Concen: 0.18 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:252 Resp: 8952

Ion	Ratio	Lower	Upper
252	100		
253	37.5	23.6	35.4#
125	29.3	17.1	25.7#



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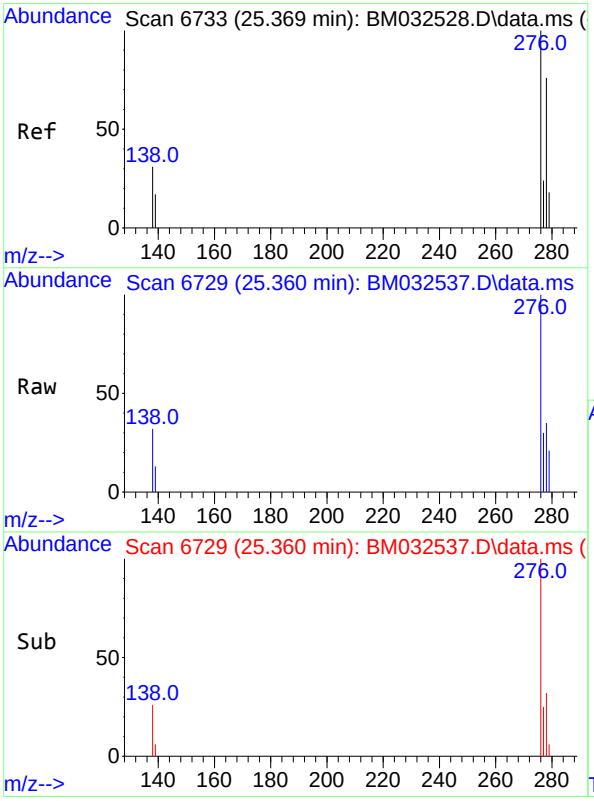
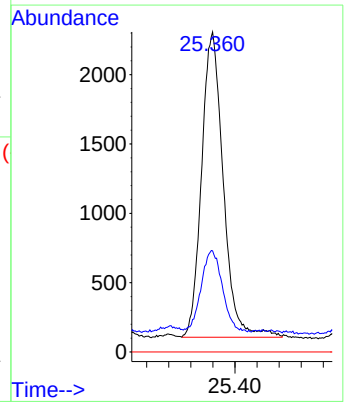
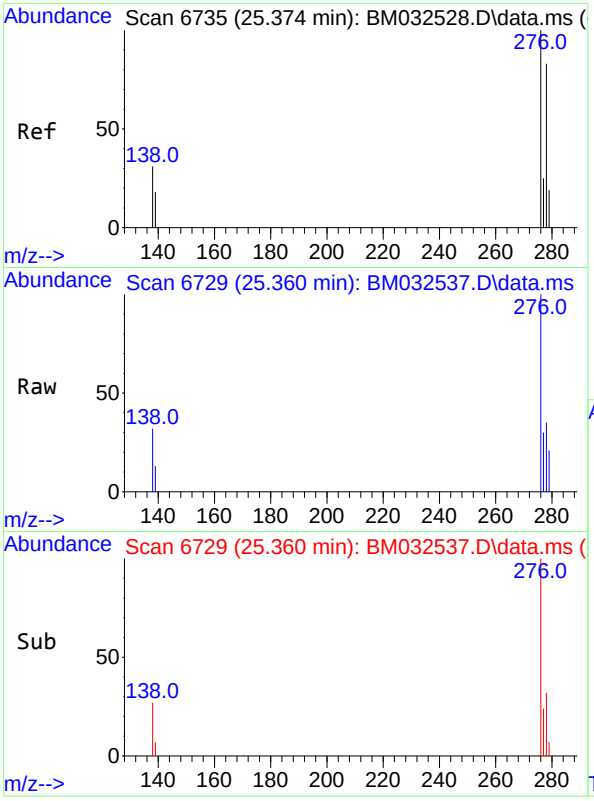


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:276 Resp: 5997

Ion	Ratio	Lower	Upper
276	100		
138	26.2	24.9	37.3
227	0.0	0.0	0.0

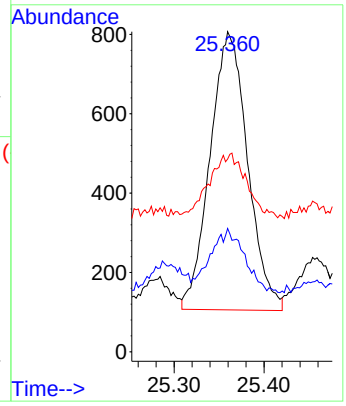




#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:278 Resp: 2035

Ion	Ratio	Lower	Upper
278	100		
139	38.5	18.6	28.0#
279	60.2	22.0	33.0#



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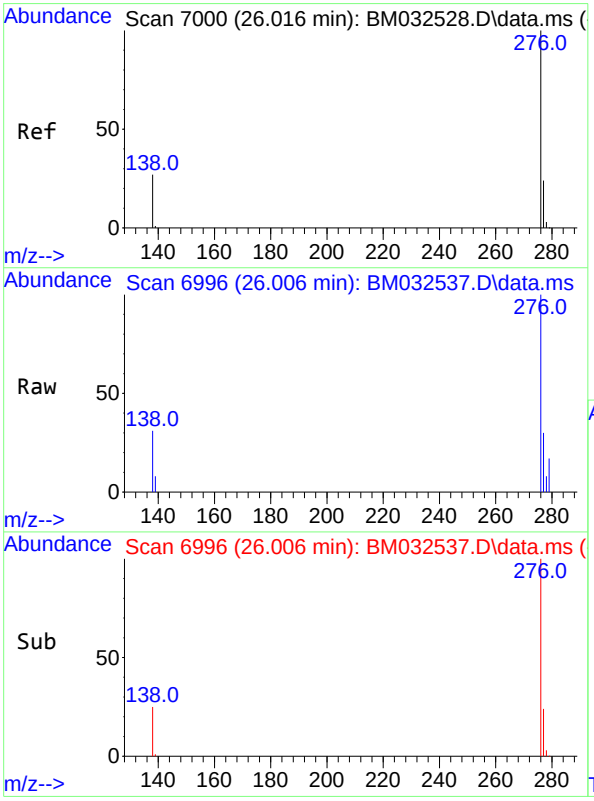

#29
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032537.D
Acq: 15 Oct 2021 22:04

Tgt Ion:276 Resp: 5680

Ion	Ratio	Lower	Upper
276	100		
138	30.8	22.6	33.8
277	29.6	19.9	29.9