

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032360.D
 Acq On : 07 Oct 2021 17:18
 Operator : CG/JU
 Sample : M3879-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW402

Manual Integrations
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Quant Time: Oct 07 17:50:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.626	152	6040	0.40 ng/ul	0.00
4) Naphthalene-d8	10.416	136	21196	0.40 ng/ul	# 0.00
9) Acenaphthene-d10	14.270	164	12059	0.40 ng/ul	0.00
13) Phenanthrene-d10	16.995	188	24694	0.40 ng/ul	# 0.00
17) Chrysene-d12	21.159	240	19561	0.40 ng/ul	# 0.00
23) Perylene-d12	23.303	264	17509	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	2.965	96	17338	2.67 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6445	0.23 ng/ul	0.00
18) Fluoranthene-d10	19.015	212	15118	0.28 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.465	128	1743	0.03 ng/ul#	79
7) 2-Methylnaphthalene	12.080	142	1573	0.04 ng/ul	90
8) 1-Methylnaphthalene	12.300	142	1399	0.04 ng/ul	97
10) Acenaphthylene	13.991	152	1063	0.02 ng/ul#	47
15) Phenanthrene	17.036	178	28977	0.36 ng/ul	98
16) Anthracene	17.127	178	3120	0.05 ng/ul#	79
19) Fluoranthene	19.046	202	59558	0.73 ng/ul	98
20) Pyrene	19.408	202	55496	0.68 ng/ul	100
21) Benzo(a)anthracene	21.142	228	21592	0.31 ng/ul	94
22) Chrysene	21.193	228	36233	0.45 ng/ul	95
24) Benzo(b)fluoranthene	22.665	252	39596m	0.44 ng/ul	
25) Benzo(k)fluoranthene	22.704	252	14442m	0.16 ng/ul	
26) Benzo(a)pyrene	23.208	252	22754	0.33 ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.420	276	18325	0.21 ng/ul#	87
28) Dibenzo(a,h)anthracene	25.418	278	4385	0.06 ng/ul#	37
29) Benzo(g,h,i)perylene	26.074	276	19082	0.23 ng/ul#	92

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

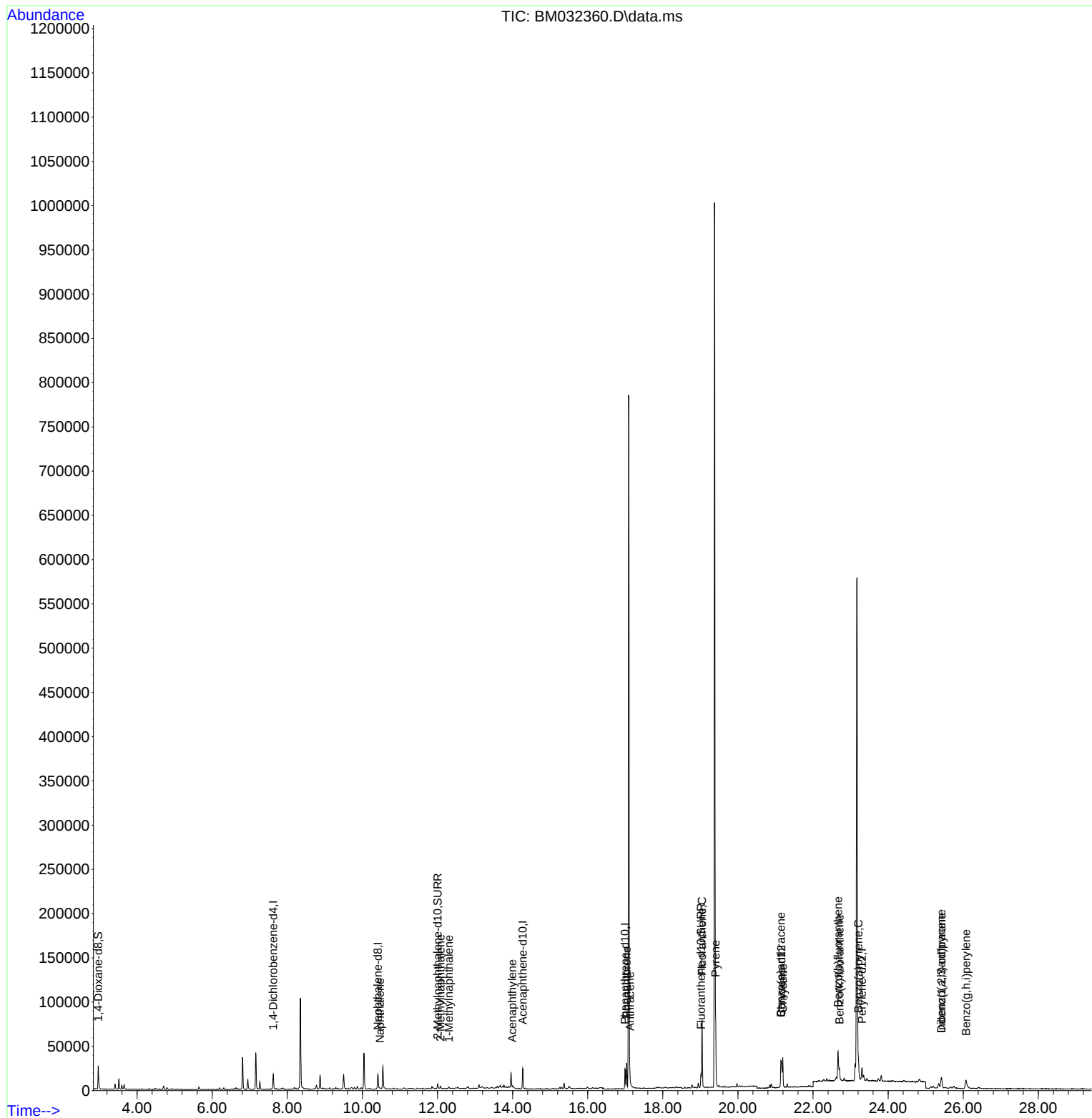
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Data File : BM032360.D
Acq On : 07 Oct 2021 17:18
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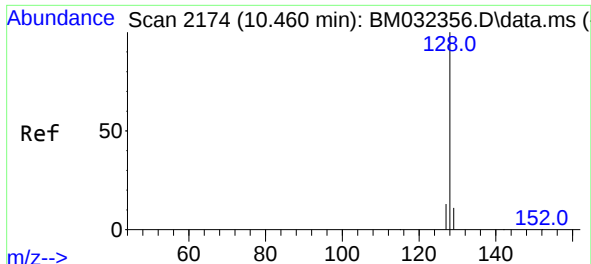
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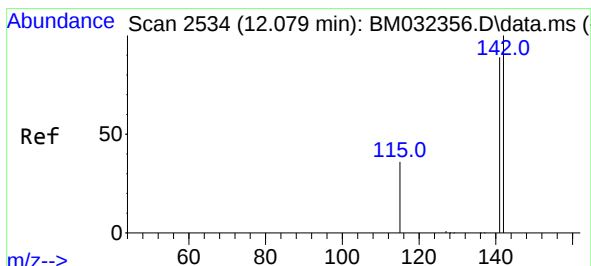
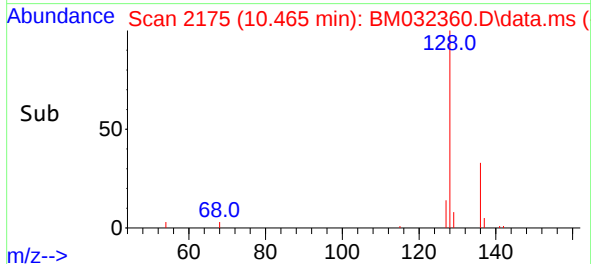
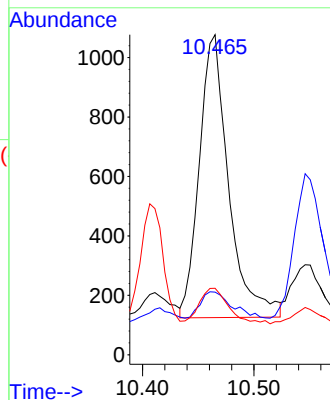
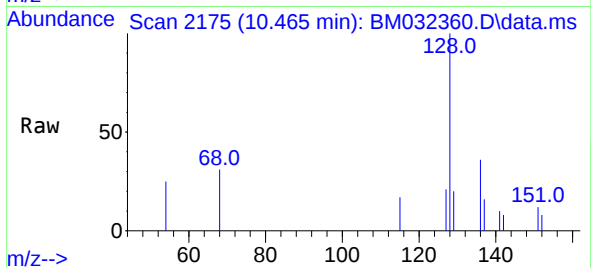
#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.465 min Scan# 2175
Delta R.T. 0.005 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:128 Resp: 1743
Ion Ratio Lower Upper
128 100
129 19.6 9.0 13.4#
127 20.8 10.5 15.7#

Instrument :
BNA_M
ClientSampleId :
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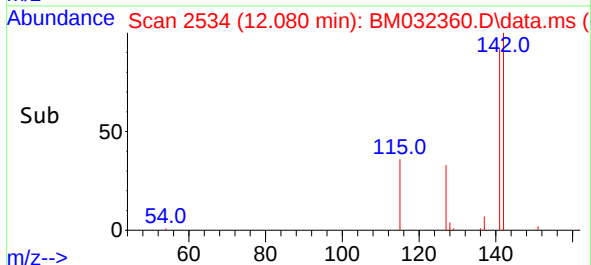
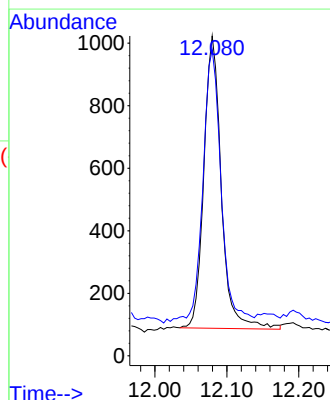
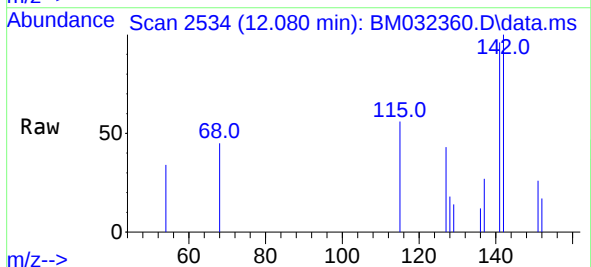
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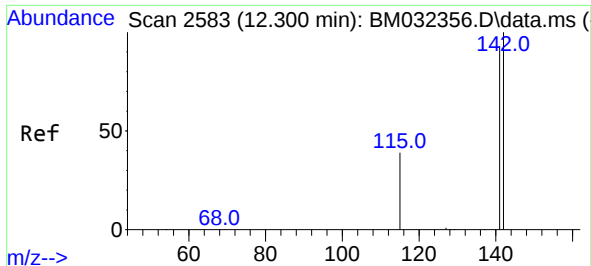
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:142 Resp: 1573
Ion Ratio Lower Upper
142 100
141 98.3 71.2 106.8





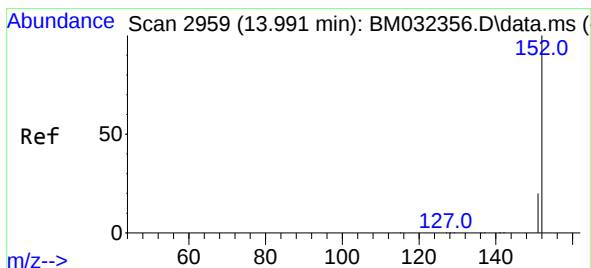
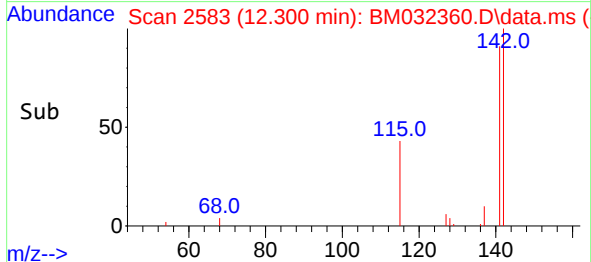
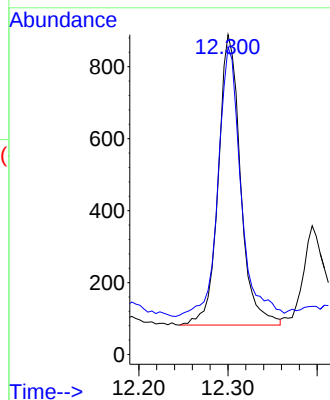
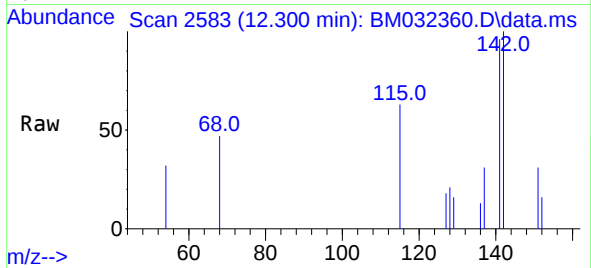
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1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:142 Resp: 1399
Ion Ratio Lower Upper
142 100
141 94.6 73.8 110.6

Instrument :
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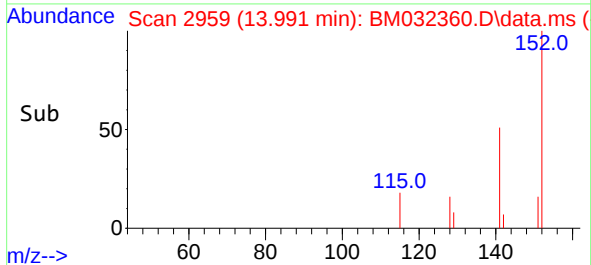
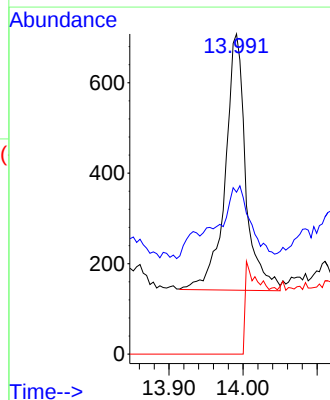
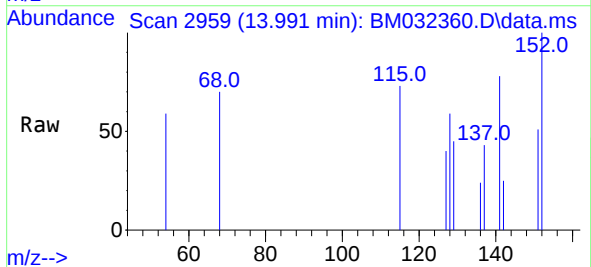
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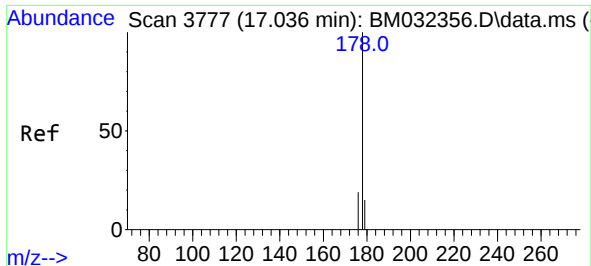
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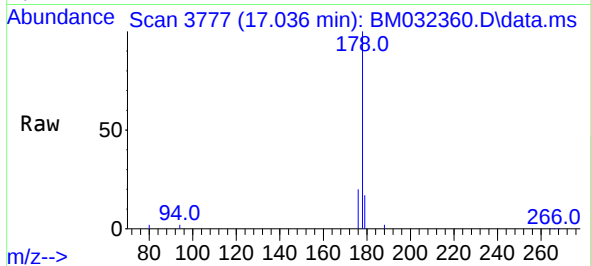
#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:152 Resp: 1063
Ion Ratio Lower Upper
152 100
151 50.6 16.0 24.0#
153 0.0 10.7 16.1#



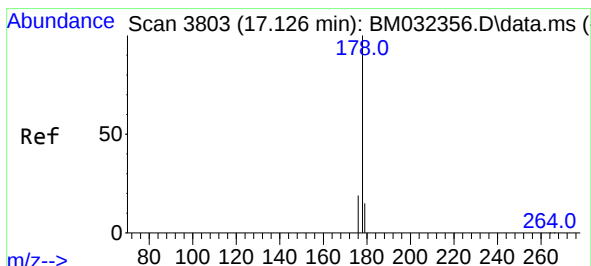
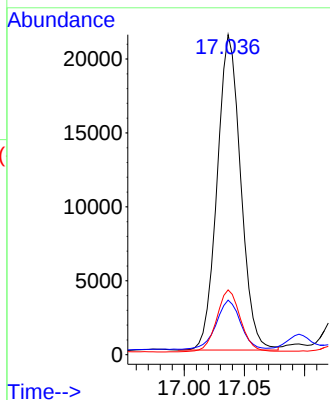
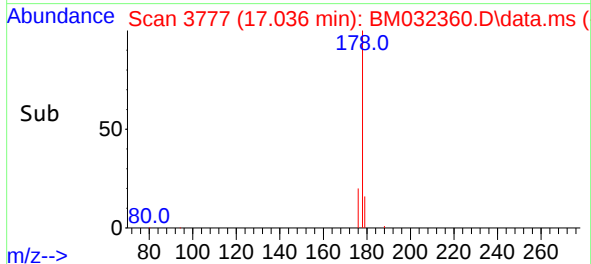


#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

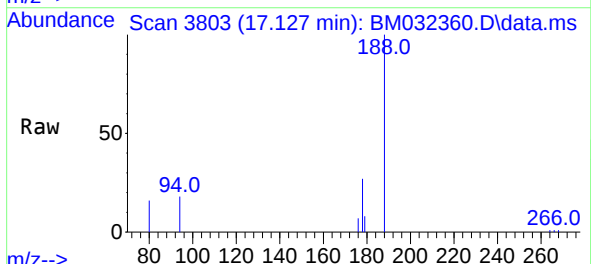


Tgt Ion:178 Resp: 28977

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	20.3	15.8	23.6

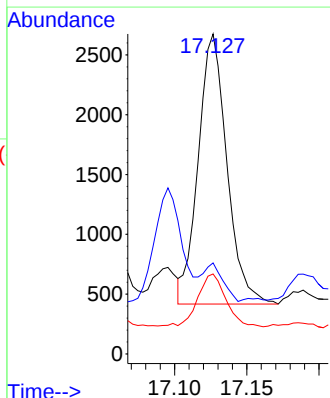
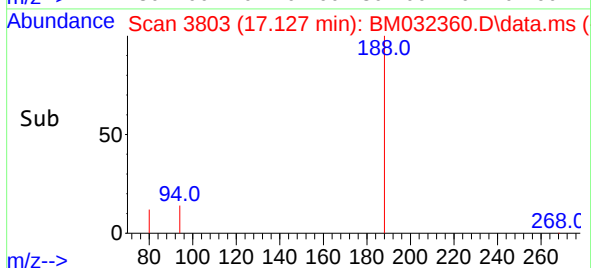


#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.127 min Scan# 3803
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18



Tgt Ion:178 Resp: 3120

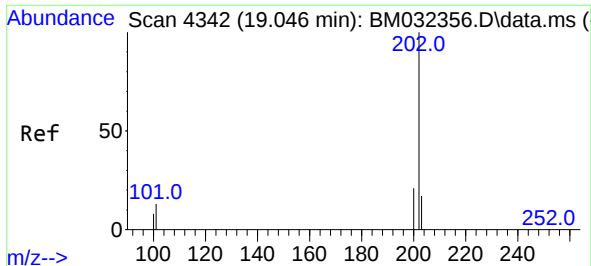
Ion	Ratio	Lower	Upper
178	100		
179	28.4	12.7	19.1#
176	25.0	15.3	22.9#



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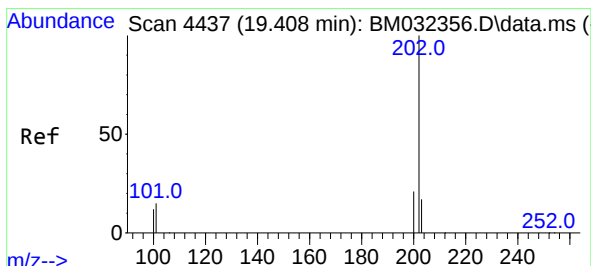
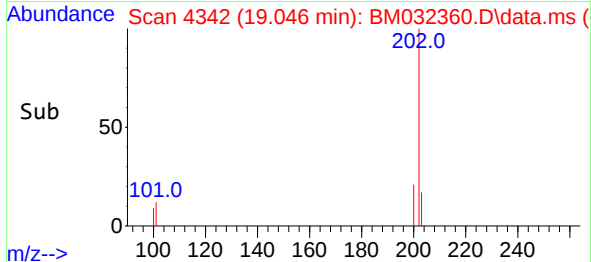
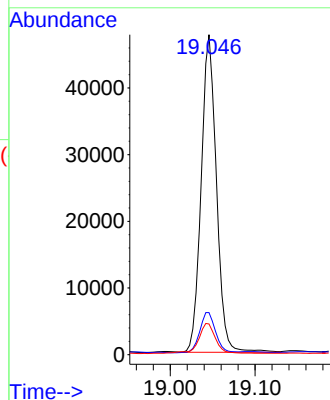
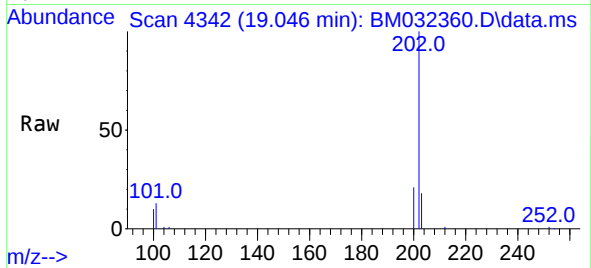
#19
Fluoranthene
Concen: 0.73 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	202	Resp:	59558
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.8	14.8
100	9.6	7.2	10.8

Instrument :
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ClientSampleId :
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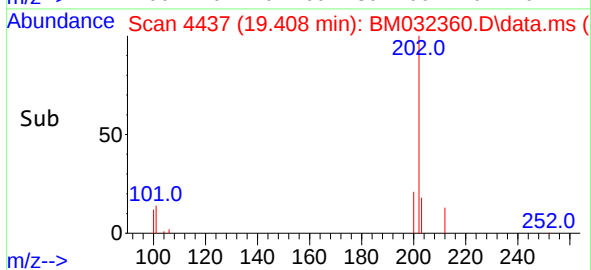
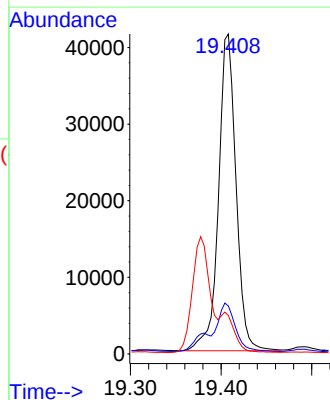
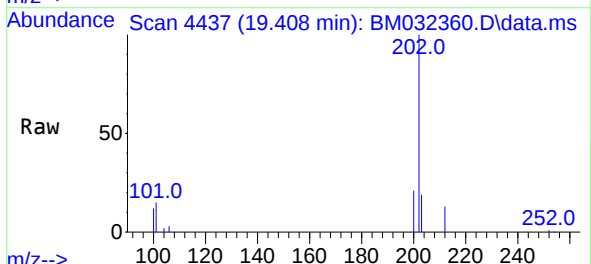
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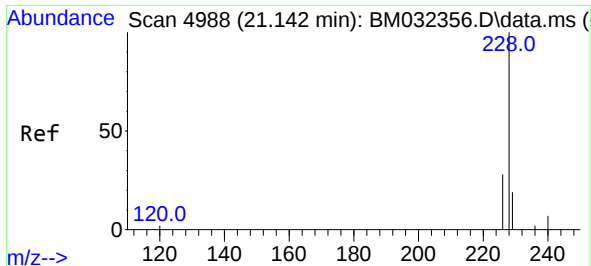
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#20
Pyrene
Concen: 0.68 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	202	Resp:	55496
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.1	18.1
100	12.0	9.8	14.6





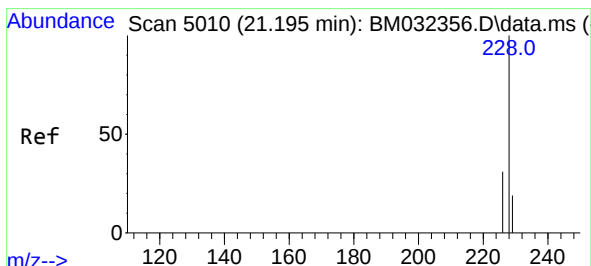
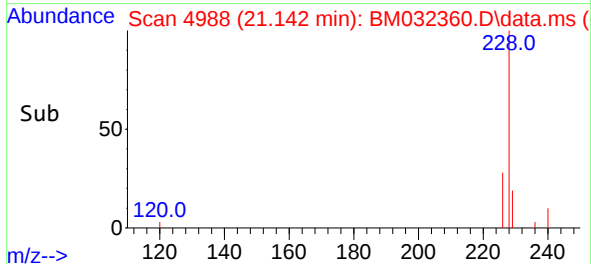
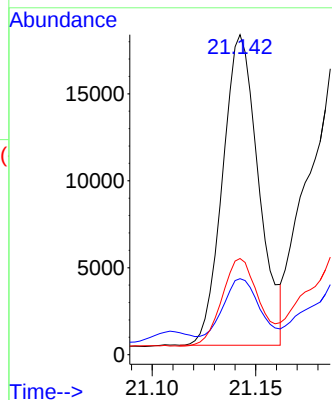
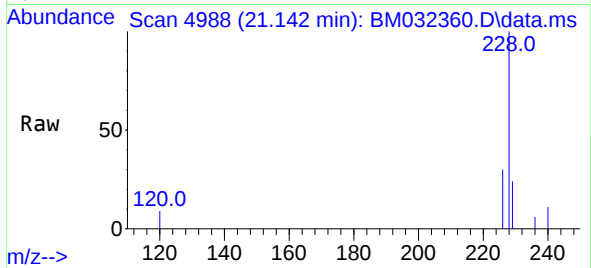
#21
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	228	Resp:	21592
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.0	24.0
226	30.0	22.3	33.5

Instrument :
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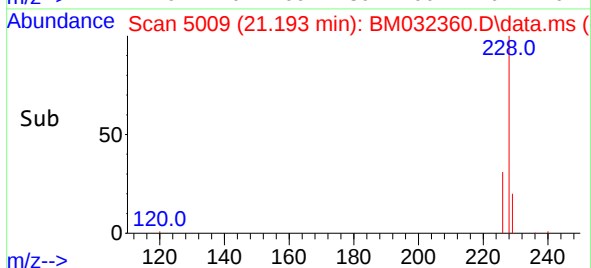
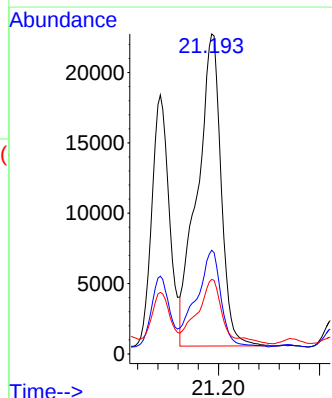
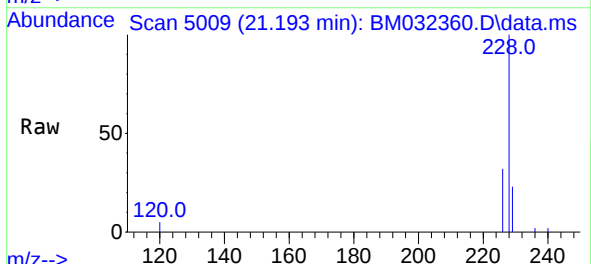
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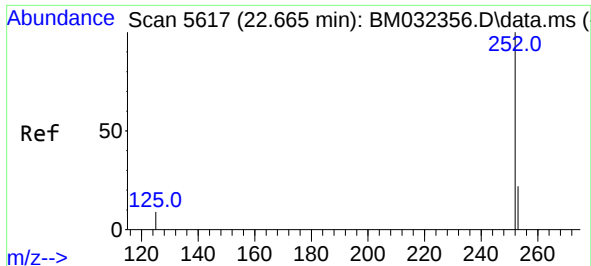
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#22
Chrysene
Concen: 0.45 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	228	Resp:	36233
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.6	37.0
229	23.3	15.6	23.4





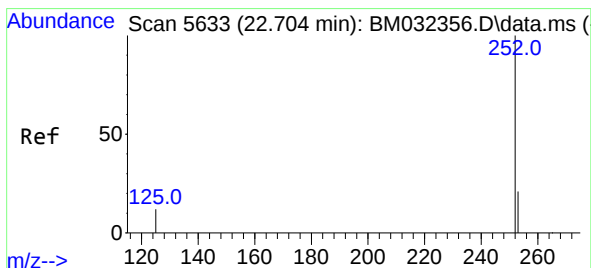
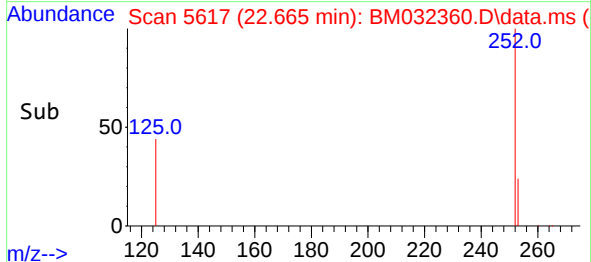
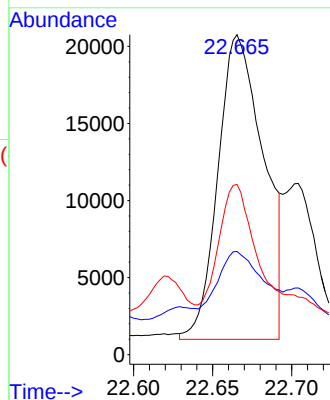
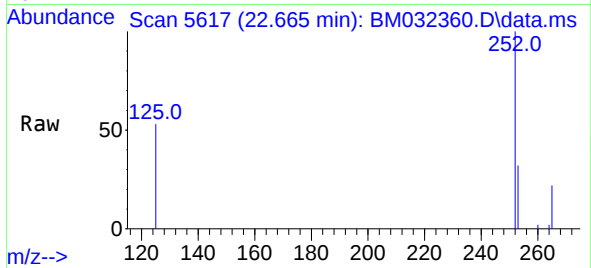
#24
Benzo(b)fluoranthene
Concen: 0.44 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:252 Resp: 39596
Ion Ratio Lower Upper
252 100
253 32.3 0.0 58.0
125 53.2 0.0 31.4#

Instrument :
BNA_M
ClientSampled :
EW402

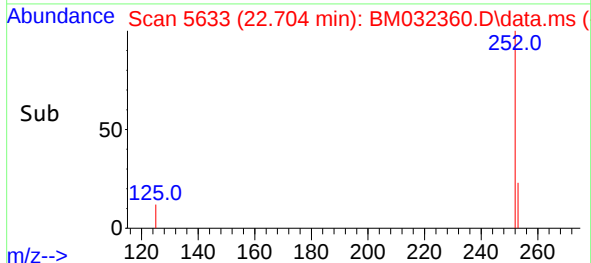
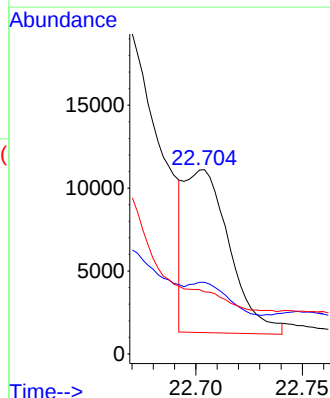
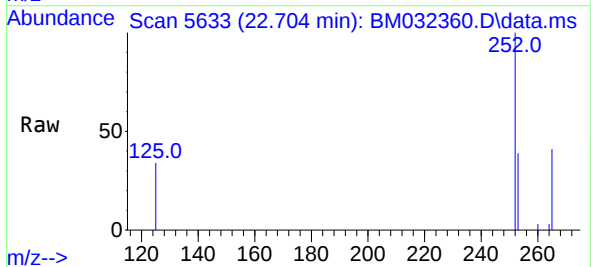
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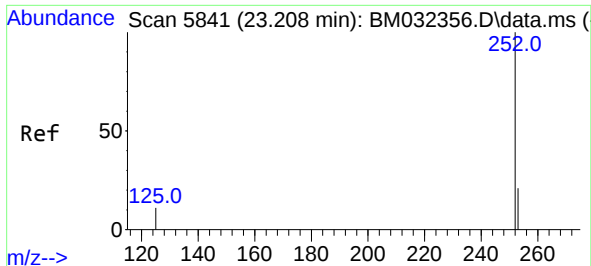
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#25
Benzo(k)fluoranthene
Concen: 0.16 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:252 Resp: 14442
Ion Ratio Lower Upper
252 100
253 38.9 22.9 34.3#
125 33.7 12.9 19.3#





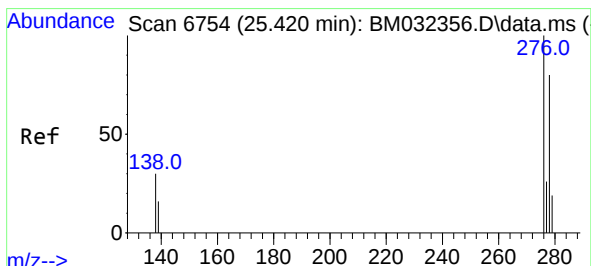
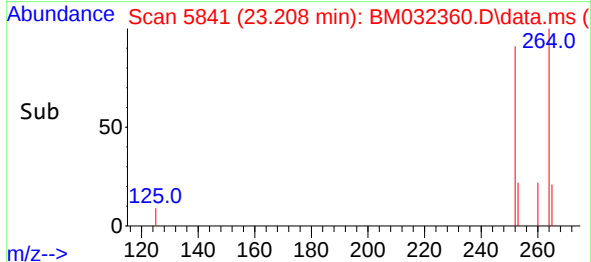
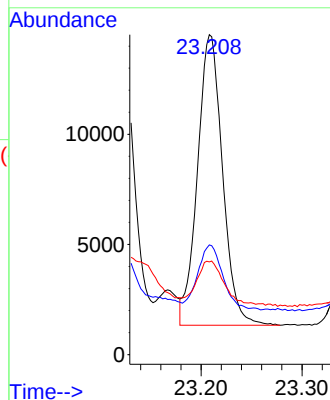
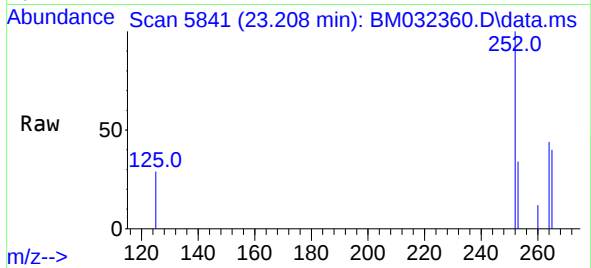
#26
Benzo(a)pyrene
Concen: 0.33 ng/ul
RT: 23.208 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	252	Resp:	22754
Ion Ratio	Lower	Upper	
252	100		
253	34.3	25.8	38.8
125	29.0	15.4	23.2#

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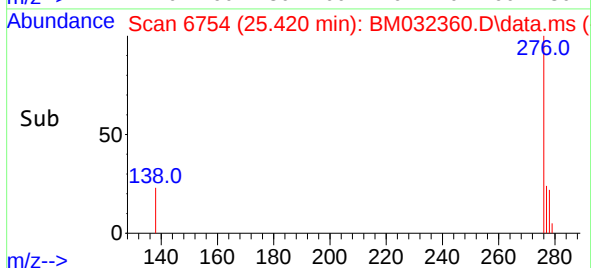
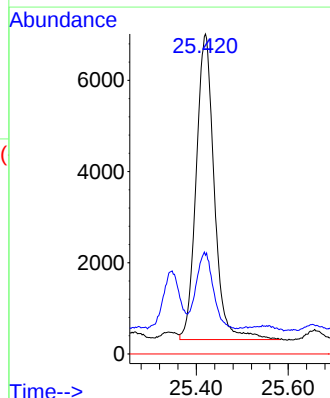
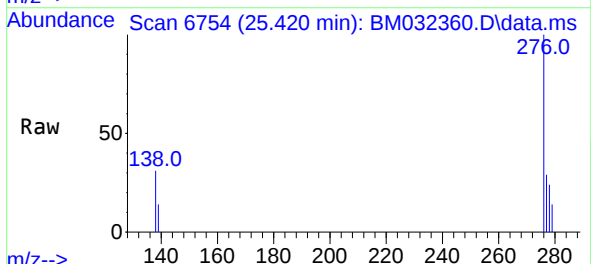
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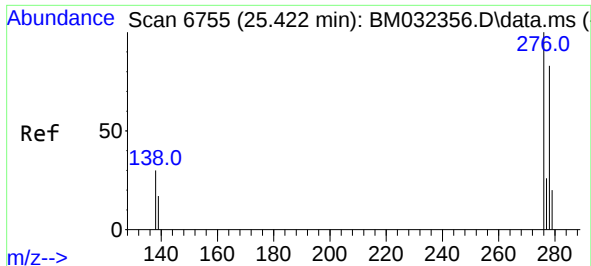
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.420 min Scan# 6754
Delta R.T. 0.000 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:	276	Resp:	18325
Ion Ratio	Lower	Upper	
276	100		
138	23.5	24.3	36.5#
227	0.0	0.0	0.0





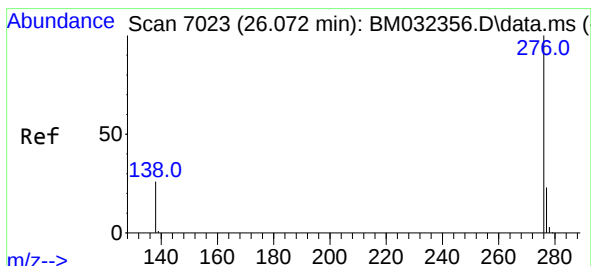
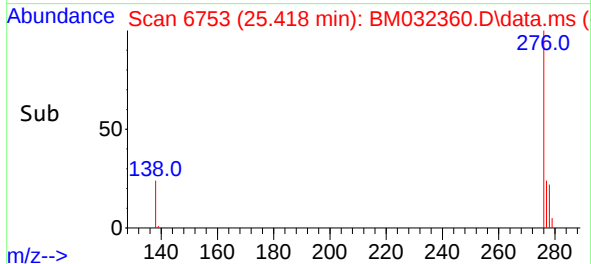
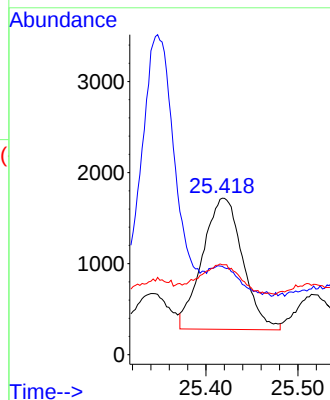
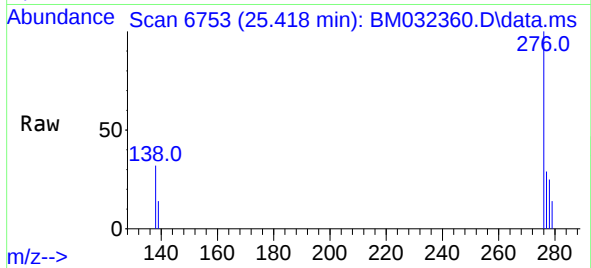
#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.418 min Scan# 6753
Delta R.T. -0.005 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:278 Resp: 4385
Ion Ratio Lower Upper
278 100
139 56.5 16.6 24.8#
279 57.5 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
EW402

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:35 PM



#29
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.074 min Scan# 7024
Delta R.T. 0.003 min
Lab File: BM032360.D
Acq: 07 Oct 2021 17:18

Tgt Ion:276 Resp: 19082
Ion Ratio Lower Upper
276 100
138 31.7 21.0 31.4#
277 27.4 19.8 29.8

