

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032369.D
 Acq On : 07 Oct 2021 22:46
 Operator : CG/JU
 Sample : M3879-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW409

Manual Integrations
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Quant Time: Oct 08 03:36:00 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	6603	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	22844	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	12528	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	25685	0.40	ng/ul	0.00
17) Chrysene-d12	21.159	240	20438	0.40	ng/ul	0.00
23) Perylene-d12	23.300	264	18765	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.969	96	16635	2.34	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	5896	0.19	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	12999	0.23	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.461	128	4319	0.06	ng/ul#	93
7) 2-Methylnaphthalene	12.080	142	2269	0.05	ng/ul	98
8) 1-Methylnaphthalene	12.300	142	1655	0.04	ng/ul	98
10) Acenaphthylene	13.987	152	1056	0.02	ng/ul#	75
15) Phenanthrene	17.036	178	8680	0.10	ng/ul	98
16) Anthracene	17.123	178	1565	0.02	ng/ul#	83
19) Fluoranthene	19.046	202	18892	0.22	ng/ul	98
20) Pyrene	19.408	202	19414	0.23	ng/ul	100
21) Benzo(a)anthracene	21.142	228	7229	0.10	ng/ul	95
22) Chrysene	21.193	228	11241	0.13	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	15936m	0.16	ng/ul	
25) Benzo(k)fluoranthene	22.699	252	5845m	0.06	ng/ul	
26) Benzo(a)pyrene	23.206	252	9728	0.13	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.415	276	7784	0.08	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.418	278	1769	0.02	ng/ul#	34
29) Benzo(g,h,i)perylene	26.069	276	7256	0.08	ng/ul	92

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

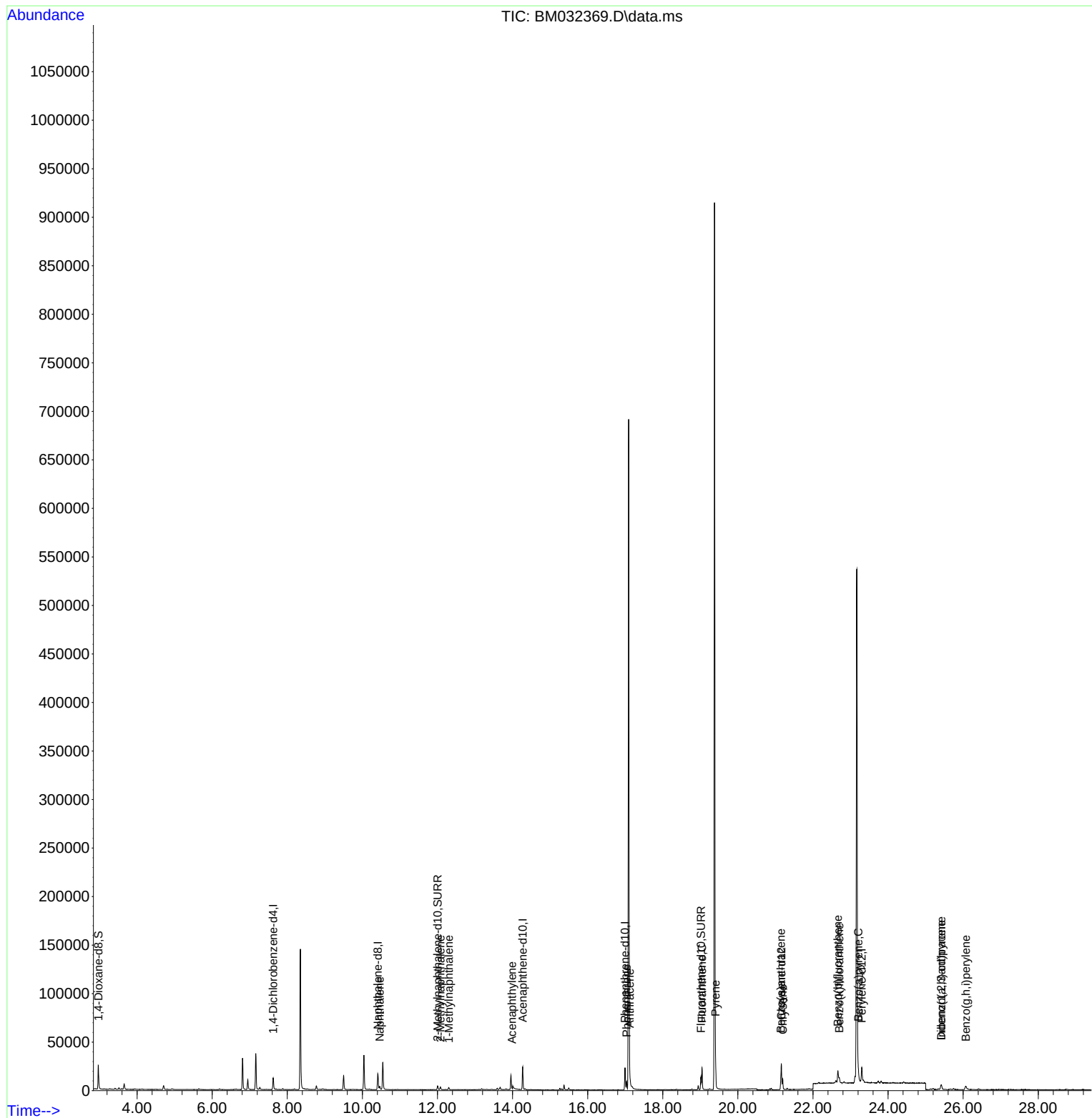
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Data File : BM032369.D
Acq On : 07 Oct 2021 22:46
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ALS Vial : 15 Sample Multiplier: 1

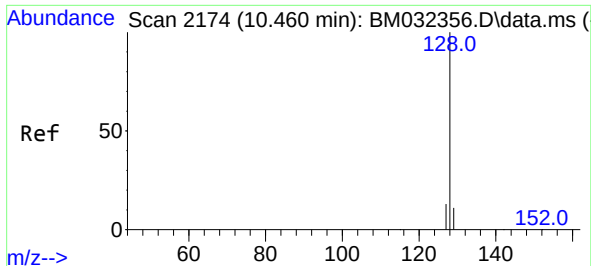
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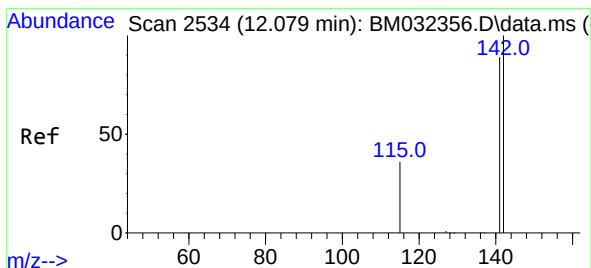
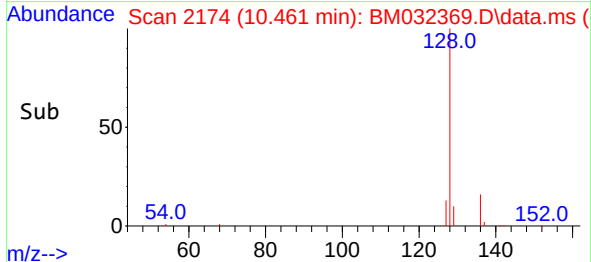
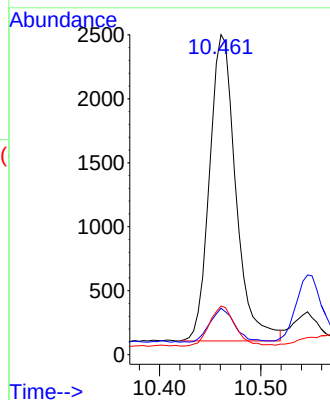
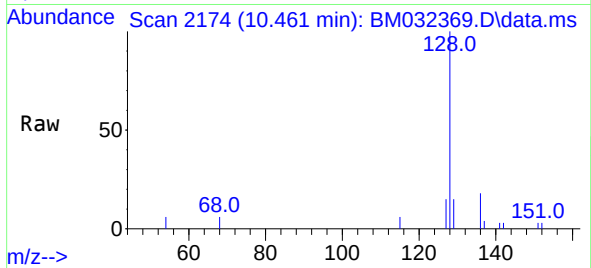
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.461 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:128 Resp: 4319
Ion Ratio Lower Upper
128 100
129 14.5 9.0 13.4#
127 15.2 10.5 15.7

Instrument :
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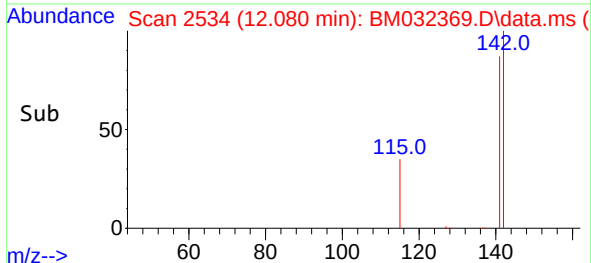
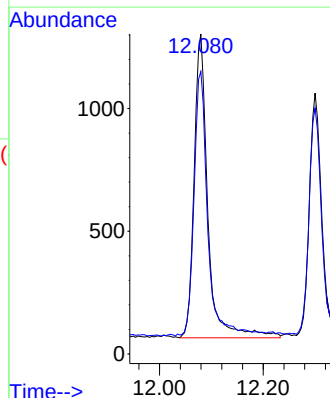
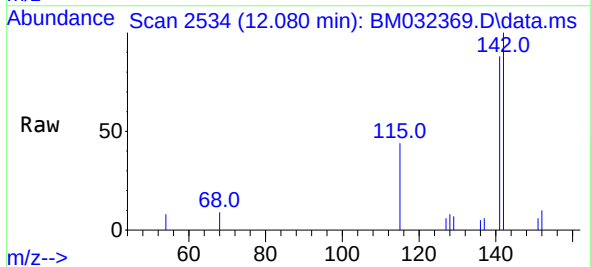
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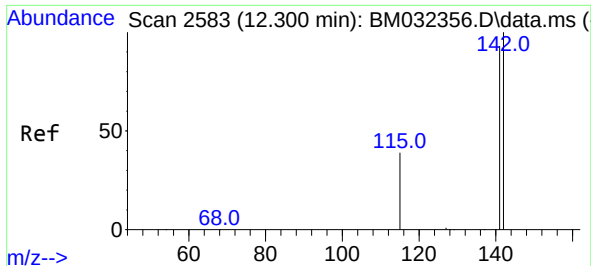
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#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:142 Resp: 2269
Ion Ratio Lower Upper
142 100
141 87.2 71.2 106.8





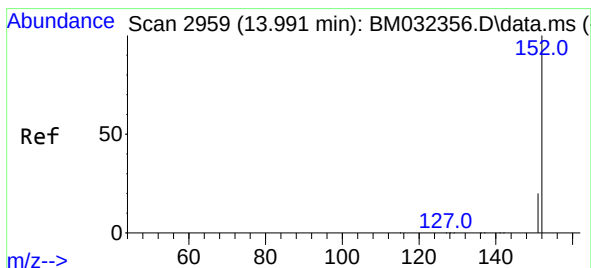
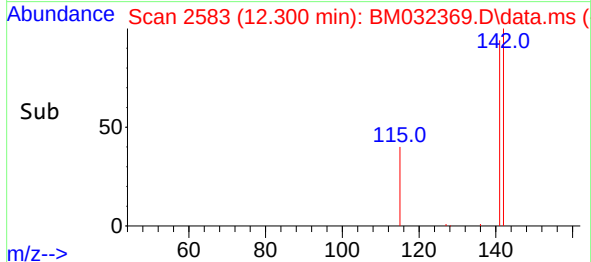
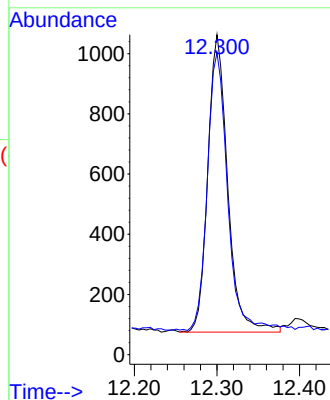
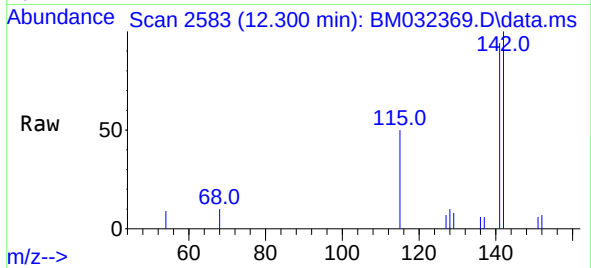
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1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:142 Resp: 1655
Ion Ratio Lower Upper
142 100
141 94.0 73.8 110.6

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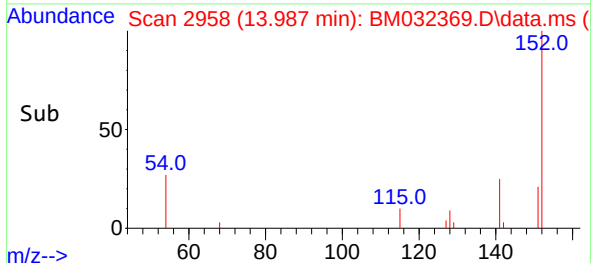
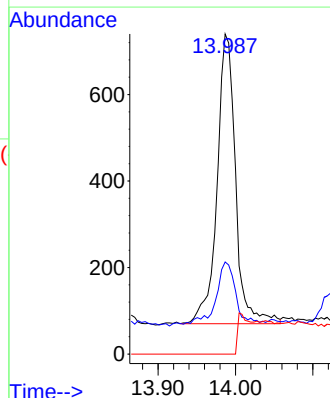
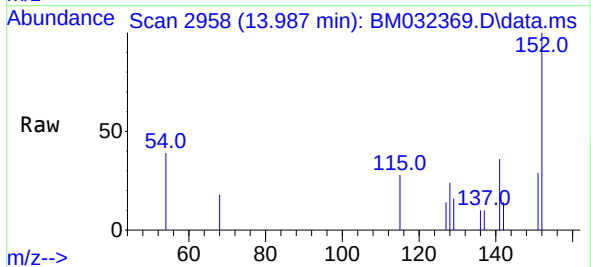
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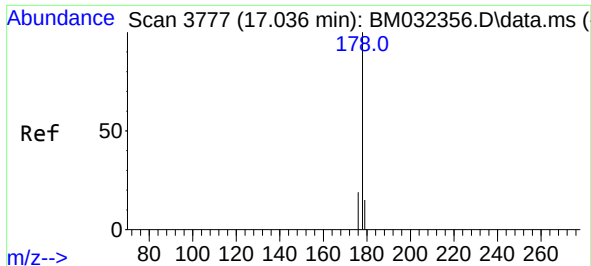
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#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.987 min Scan# 2958
Delta R.T. -0.004 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:152 Resp: 1056
Ion Ratio Lower Upper
152 100
151 28.8 16.0 24.0#
153 0.0 10.7 16.1#





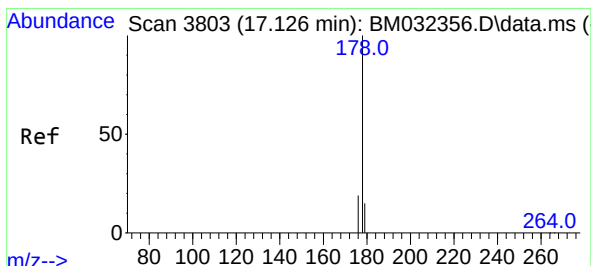
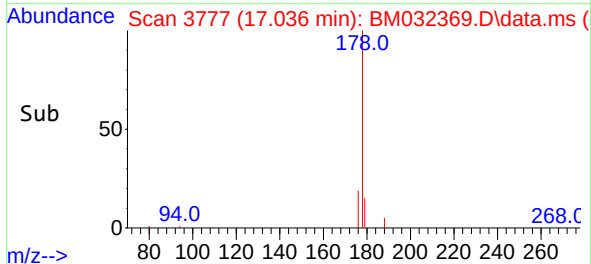
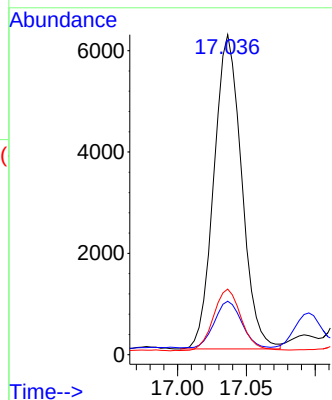
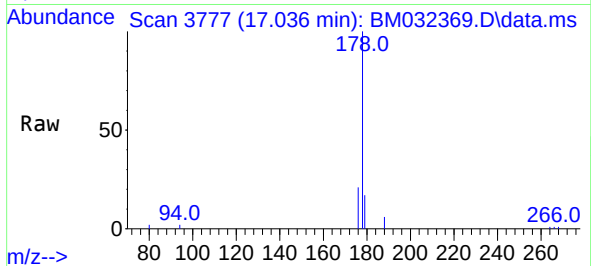
#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	178	Resp:	8680
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	20.5	15.8	23.6

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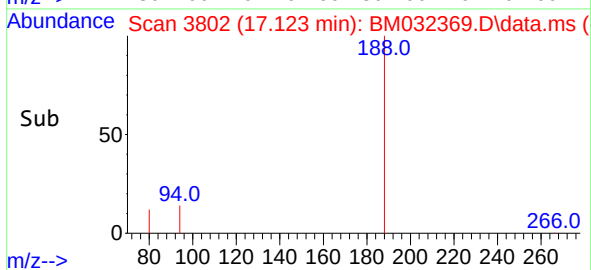
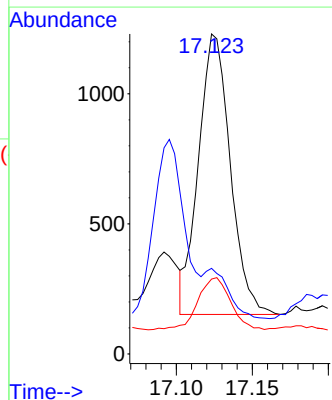
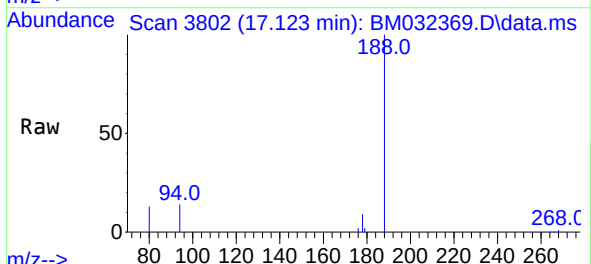
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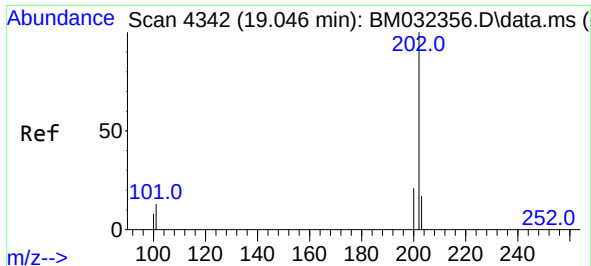
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#16
Anthracene
Concen: 0.02 ng/ul
RT: 17.123 min Scan# 3802
Delta R.T. -0.003 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	178	Resp:	1565
Ion	Ratio	Lower	Upper
178	100		
179	26.7	12.7	19.1#
176	23.4	15.3	22.9#





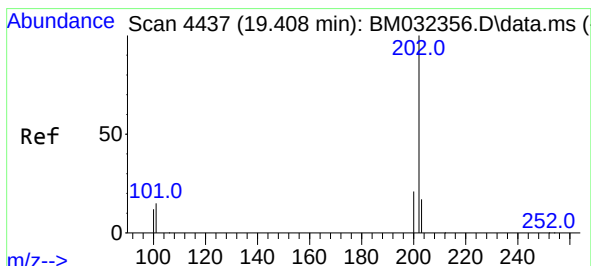
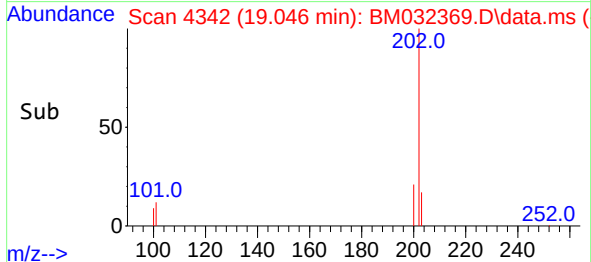
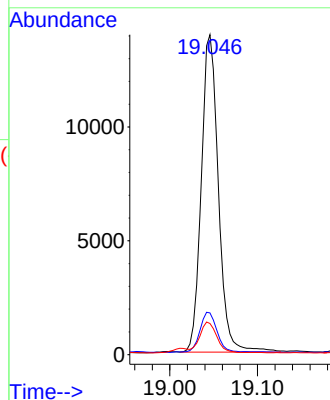
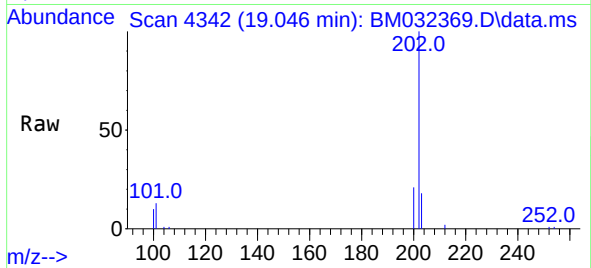
#19
Fluoranthene
Concen: 0.22 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:202	Resp:	18892
Ion Ratio	Lower	Upper
202 100		
101 13.0	9.8	14.8
100 9.8	7.2	10.8

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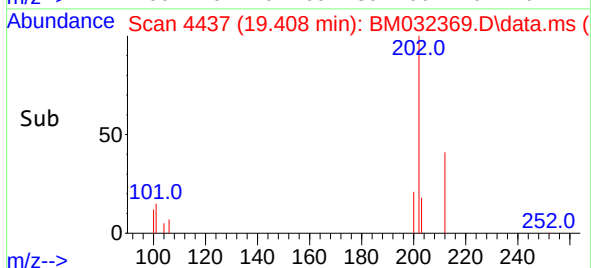
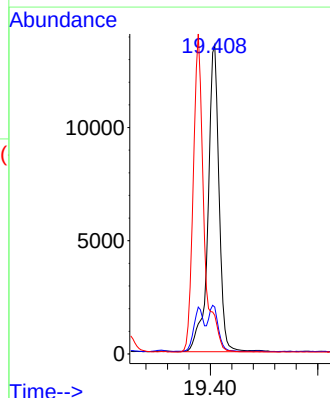
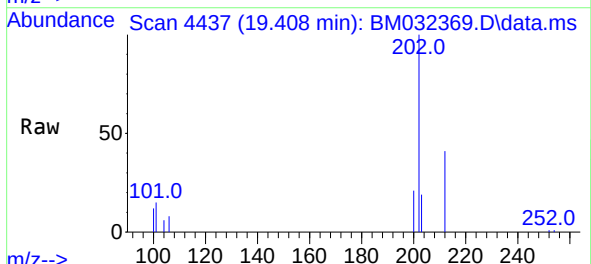
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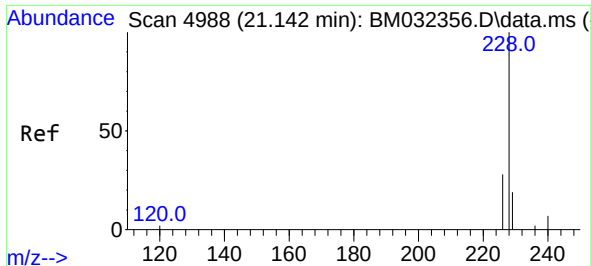
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#20
Pyrene
Concen: 0.23 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:202	Resp:	19414
Ion Ratio	Lower	Upper
202 100		
101 15.2	12.1	18.1
100 12.5	9.8	14.6





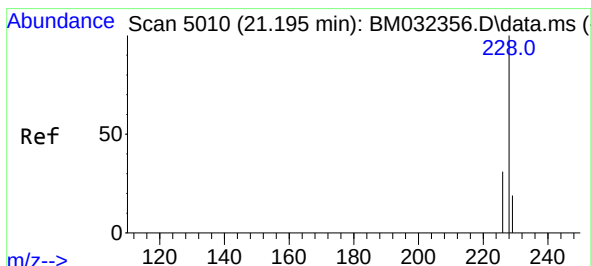
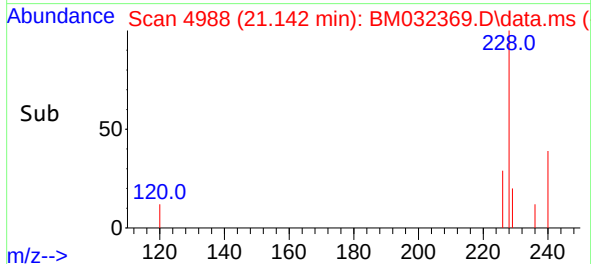
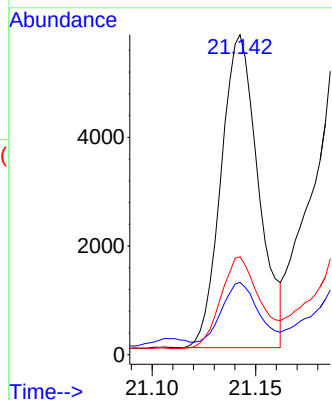
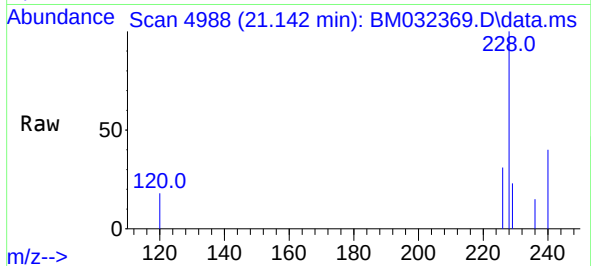
#21
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	228	Resp:	7229
Ion Ratio	Lower	Upper	
228	100		
229	22.6	16.0	24.0
226	30.5	22.3	33.5

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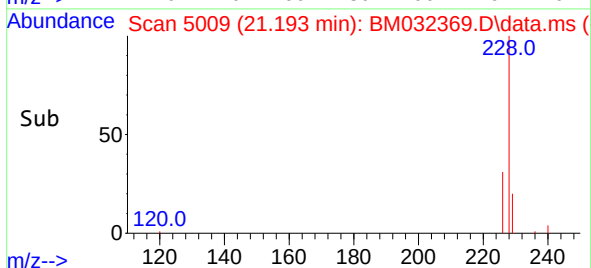
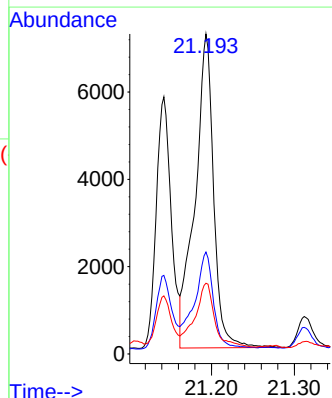
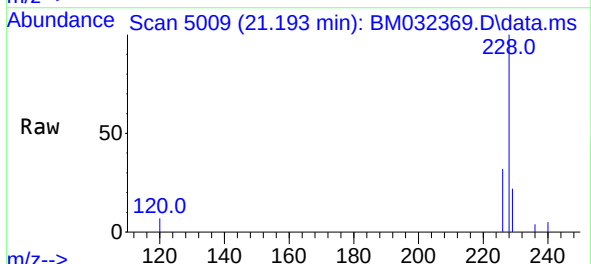
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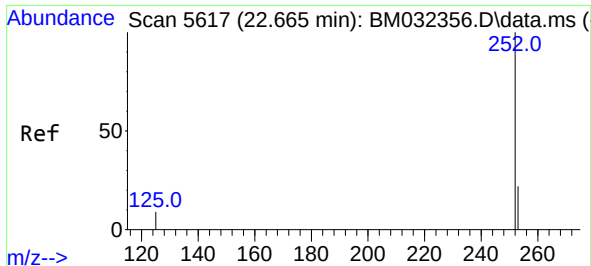
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#22
Chrysene
Concen: 0.13 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	228	Resp:	11241
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.6	37.0
229	22.1	15.6	23.4





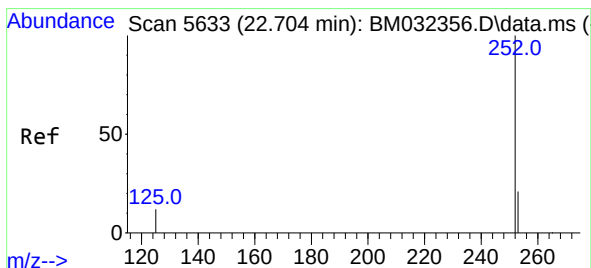
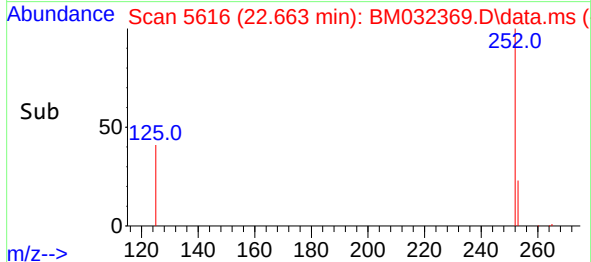
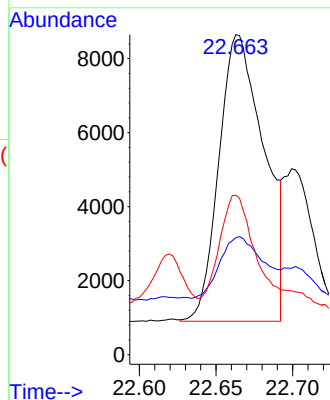
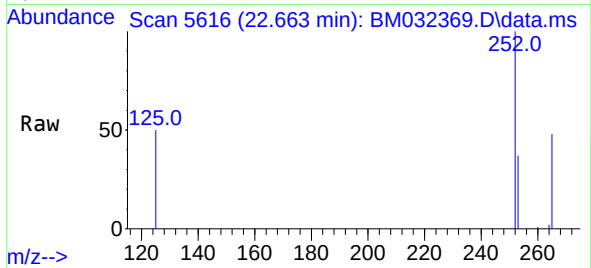
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Benzo(b)fluoranthene
Concen: 0.16 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	252	Resp:	15936
Ion Ratio	Lower	Upper	
252	100		
253	36.6	0.0	58.0
125	49.8	0.0	31.4#

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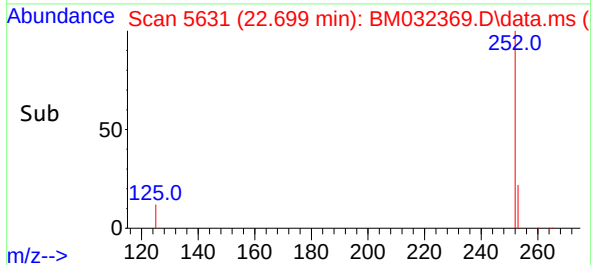
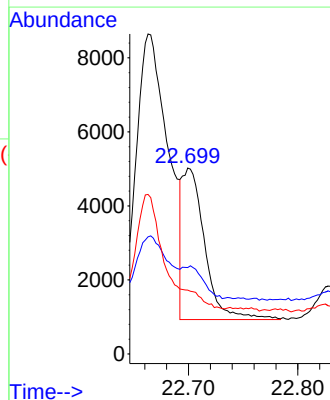
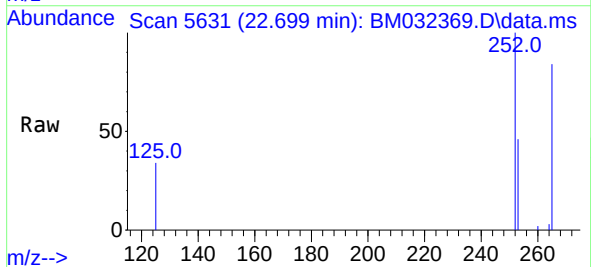
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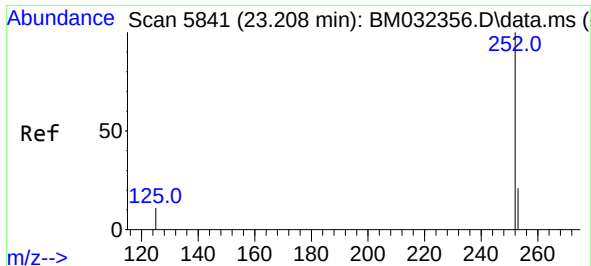
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#25
Benzo(k)fluoranthene
Concen: 0.06 ng/ul m
RT: 22.699 min Scan# 5631
Delta R.T. -0.005 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	252	Resp:	5845
Ion Ratio	Lower	Upper	
252	100		
253	46.5	22.9	34.3#
125	34.3	12.9	19.3#





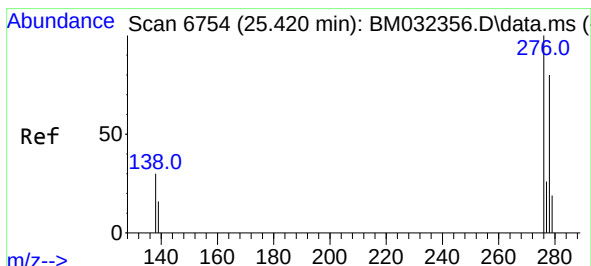
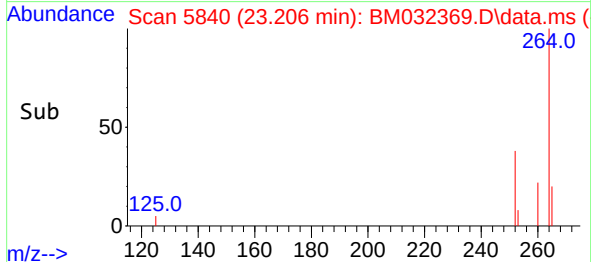
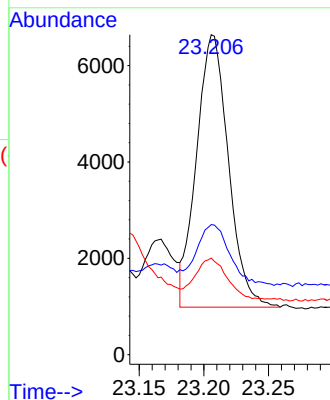
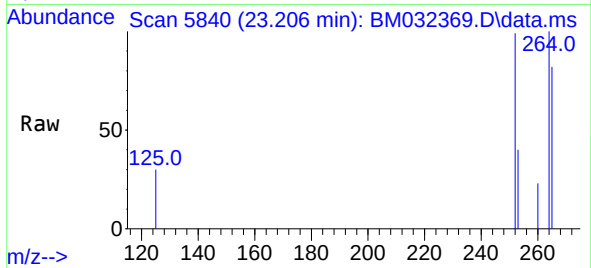
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Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.206 min Scan# 5840
Delta R.T. -0.002 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	252	Resp:	9728
Ion Ratio	Lower	Upper	
252	100		
253	40.7	25.8	38.8#
125	30.2	15.4	23.2#

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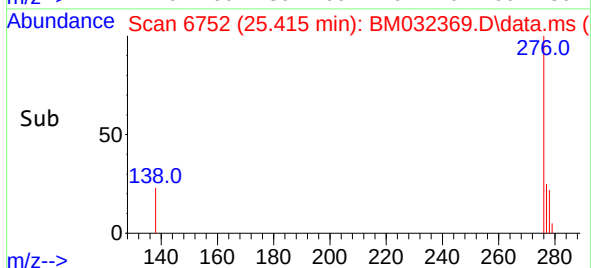
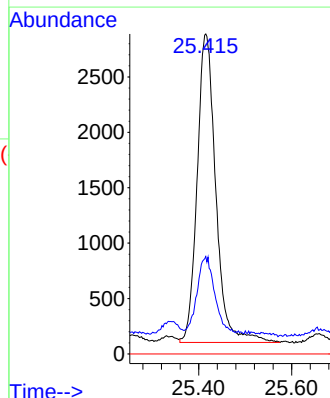
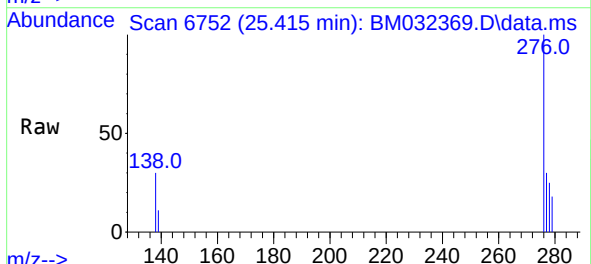
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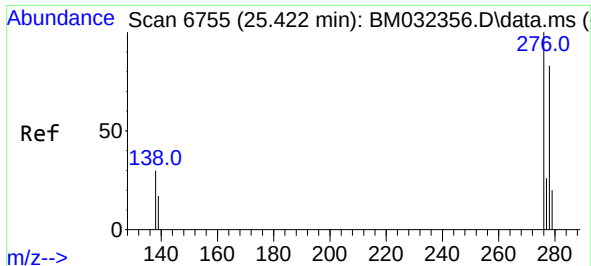
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.415 min Scan# 6752
Delta R.T. -0.005 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion:	276	Resp:	7784
Ion Ratio	Lower	Upper	
276	100		
138	23.7	24.3	36.5#
227	0.0	0.0	0.0





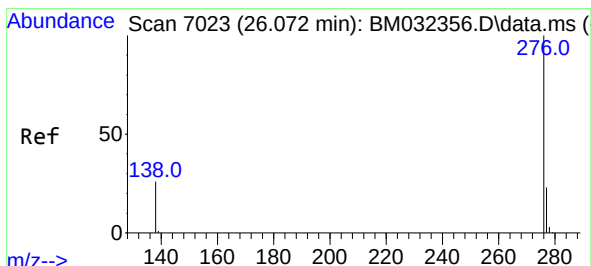
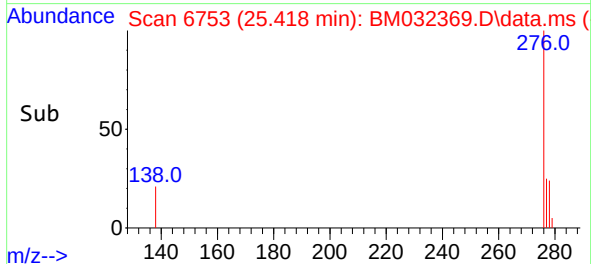
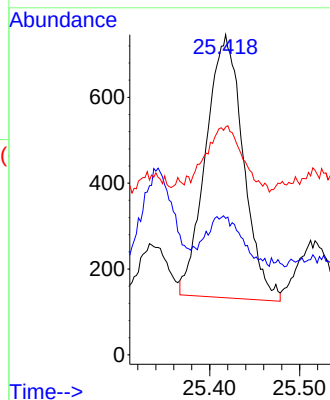
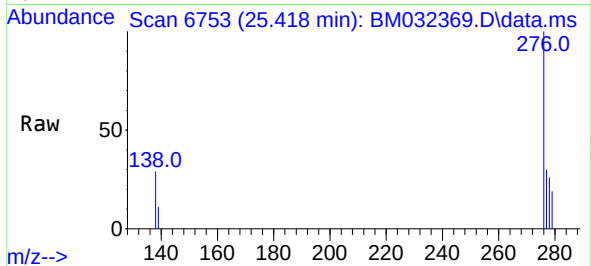
#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.418 min Scan# 6753
Delta R.T. -0.005 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion: 278 Resp: 1769
Ion Ratio Lower Upper
278 100
139 42.6 16.6 24.8#
279 71.2 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
EW409

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:59 PM



#29
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 26.069 min Scan# 7022
Delta R.T. -0.002 min
Lab File: BM032369.D
Acq: 07 Oct 2021 22:46

Tgt Ion: 276 Resp: 7256
Ion Ratio Lower Upper
276 100
138 31.3 21.0 31.4
277 28.0 19.8 29.8

