

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032636.D
 Acq On : 21 Oct 2021 01:35
 Operator : CG/JU
 Sample : M4207-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Manual Integrations
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Quant Time: Oct 21 05:26:43 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 : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5725	0.40	ng/ul	0.00
4) Naphthalene-d8	10.336	136	18085	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.207	164	9933	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	17713	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.116	240	12177	0.40	ng/ul	0.00
23) Perylene-d12	23.251	264	11002	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	8366	1.30	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	3524	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	6156	0.16	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.385	128	131469	2.40	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	108914	3.04	ng/ul	100
8) 1-Methylnaphthalene	12.229	142	87189	2.46	ng/ul	99
10) Acenaphthylene	13.929	152	7184	0.17	ng/ul#	91
11) Acenaphthene	14.294	153	2536m	0.07	ng/ul	
12) Fluorene	15.253	166	3632	0.08	ng/ul#	46
15) Phenanthrene	16.982	178	138159	2.32	ng/ul	99
16) Anthracene	17.072	178	9829	0.19	ng/ul#	94
19) Fluoranthene	18.997	202	88517	1.47	ng/ul	99
20) Pyrene	19.360	202	81325	1.31	ng/ul	99
21) Benzo(a)anthracene	21.099	228	38635	0.81	ng/ul	95
22) Chrysene	21.152	228	50864	0.97	ng/ul	97
24) Benzo(b)fluoranthene	22.619	252	52305m	1.03	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	18006m	0.36	ng/ul	
26) Benzo(a)pyrene	23.157	252	31394	0.74	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.357	276	22887	0.44	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.352	278	6095	0.15	ng/ul#	75
29) Benzo(g,h,i)perylene	26.004	276	20270	0.45	ng/ul	98

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

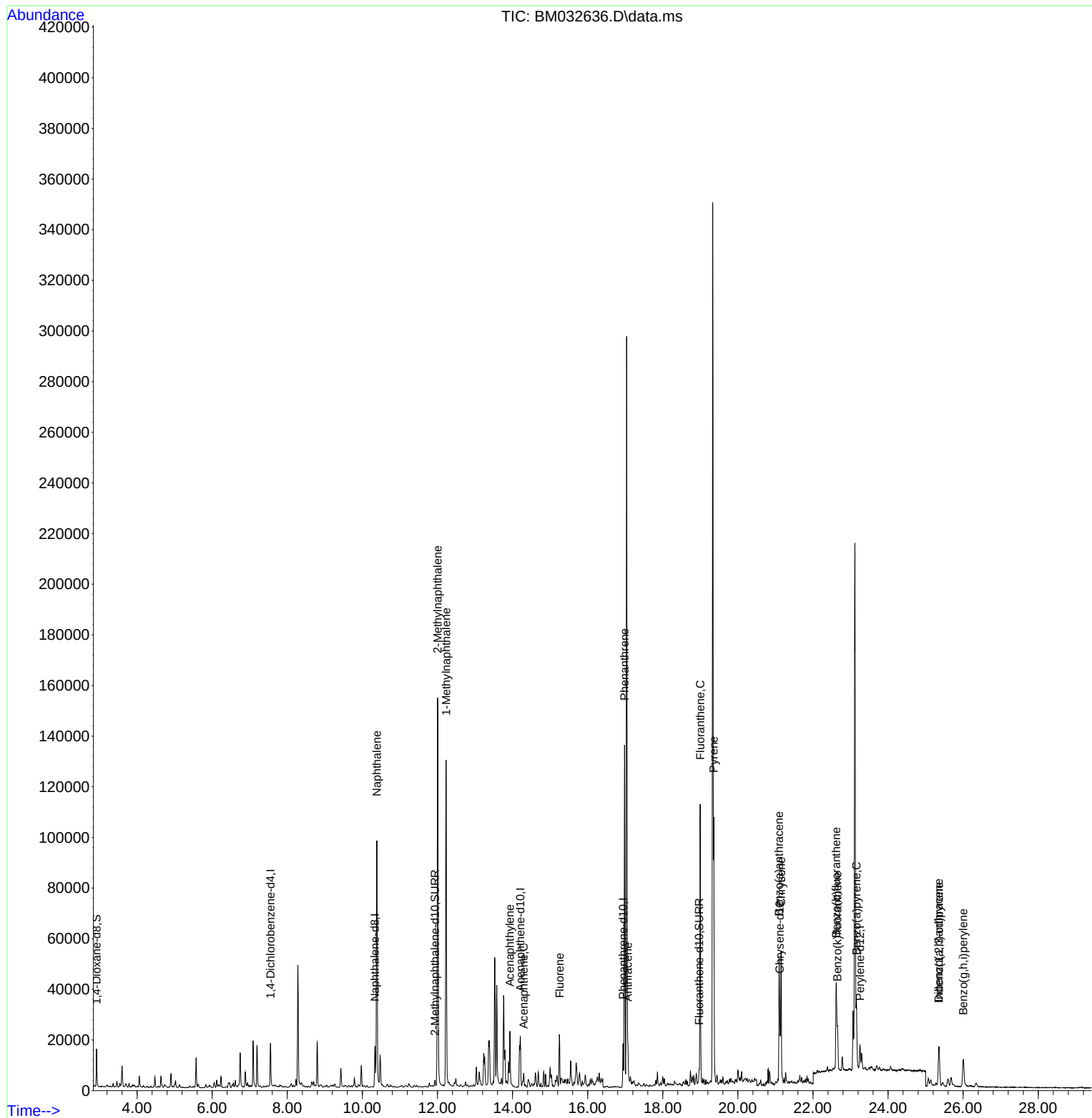
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032636.D
Acq On : 21 Oct 2021 01:35
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ALS Vial : 55 Sample Multiplier: 1

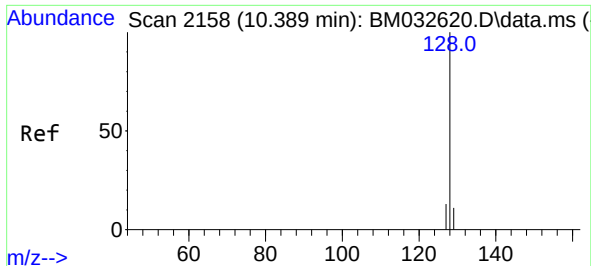
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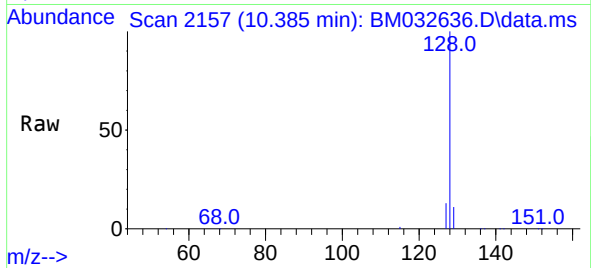
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 16:33:56 2021
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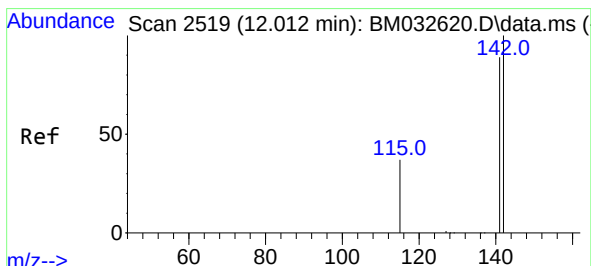
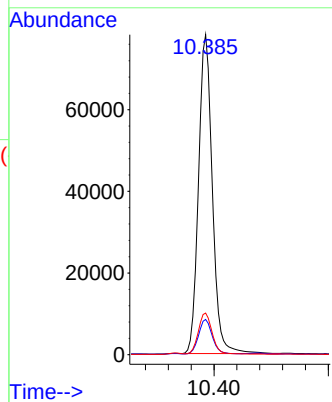
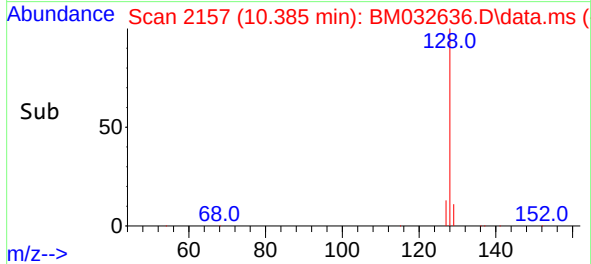




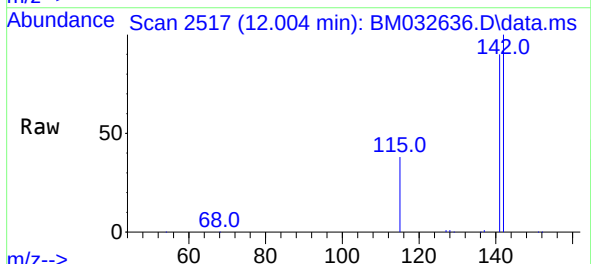
#5
Naphthalene
Concen: 2.40 ng/ul
RT: 10.385 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35



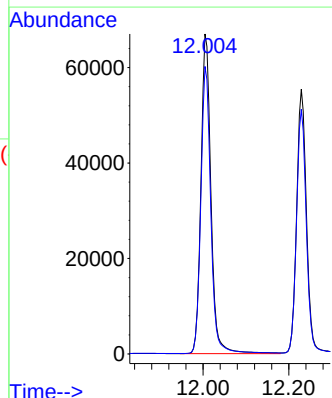
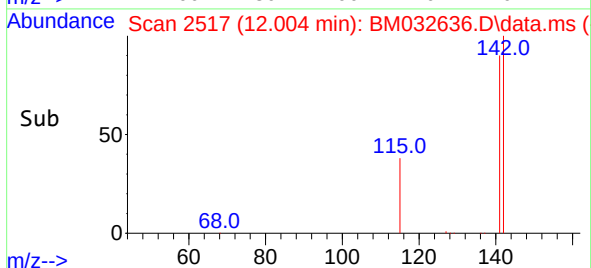
Tgt Ion:128 Resp: 131469
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 11.1 16.7



#7
2-Methylnaphthalene
Concen: 3.04 ng/ul
RT: 12.004 min Scan# 2517
Delta R.T. -0.008 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35



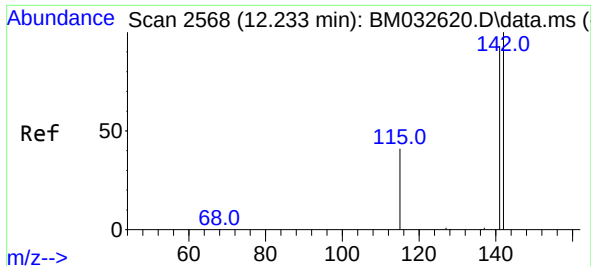
Tgt Ion:142 Resp: 108914
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



Instrument :
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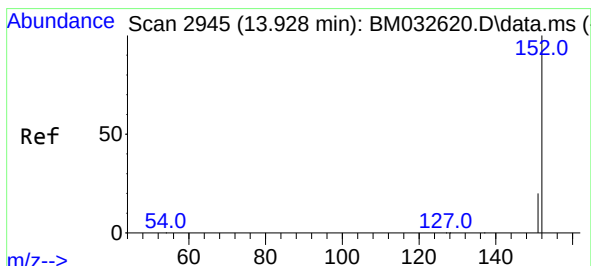
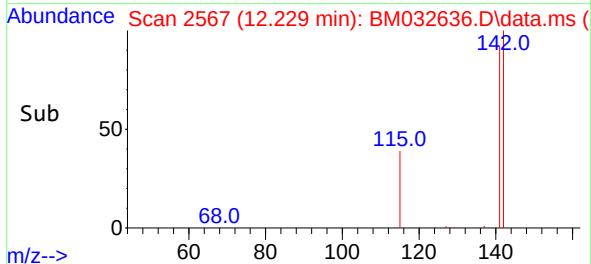
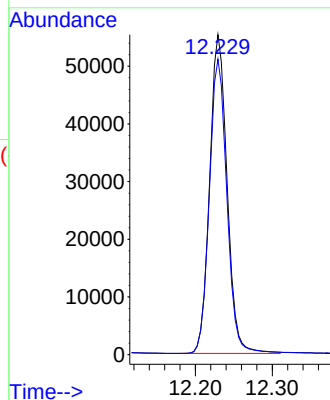
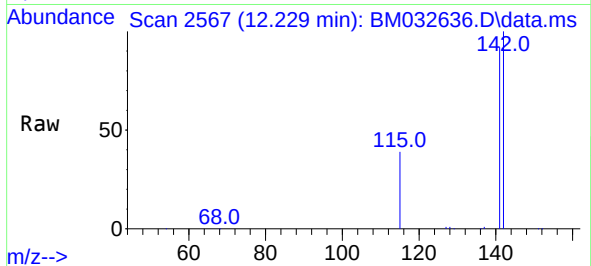
#8
1-Methylnaphthalene
Concen: 2.46 ng/ul
RT: 12.229 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BM032636.D
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Tgt Ion:142 Resp: 87189
Ion Ratio Lower Upper
142 100
141 92.7 74.9 112.3

Instrument :
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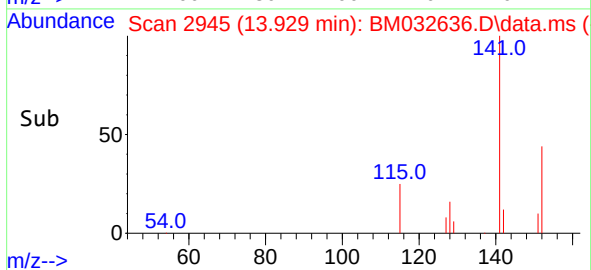
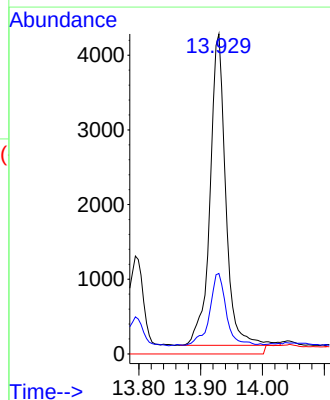
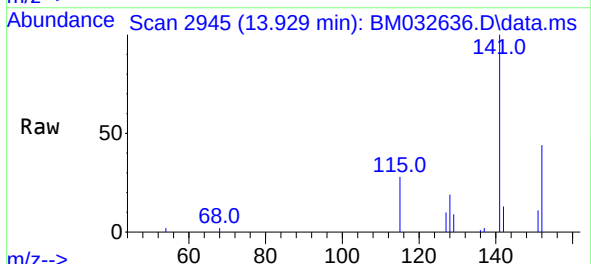
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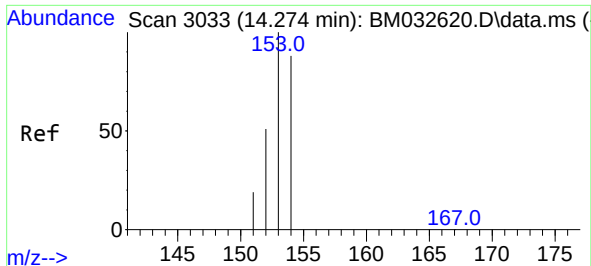
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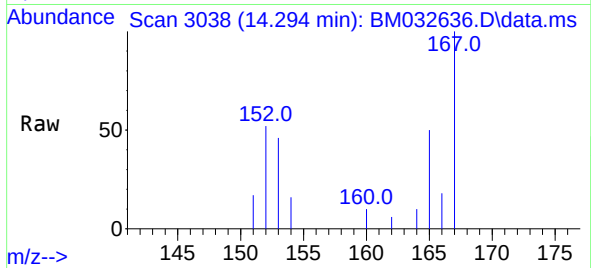
#10
Acenaphthylene
Concen: 0.17 ng/ul
RT: 13.929 min Scan# 2945
Delta R.T. 0.001 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:152 Resp: 7184
Ion Ratio Lower Upper
152 100
151 25.1 16.7 25.1#
153 0.0 0.0 0.0

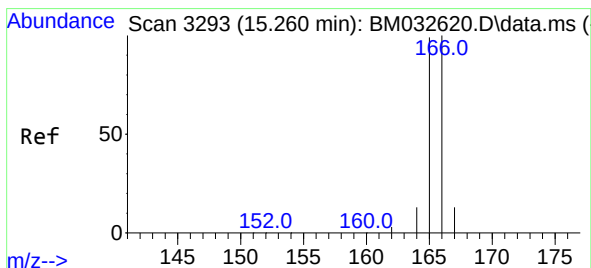
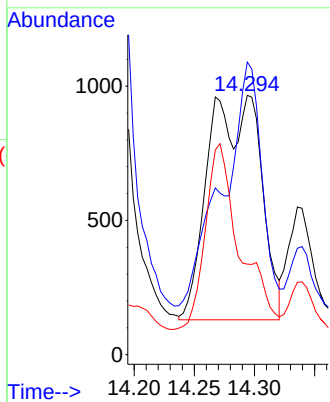
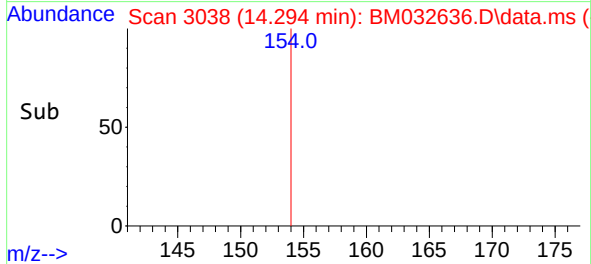




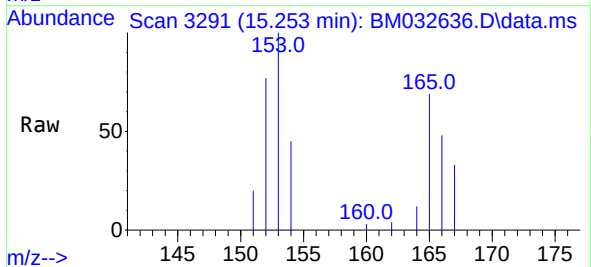
#11
Acenaphthene
Concen: 0.07 ng/ul m
RT: 14.294 min Scan# 3038
Delta R.T. 0.020 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35



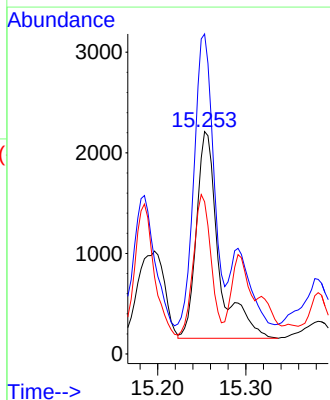
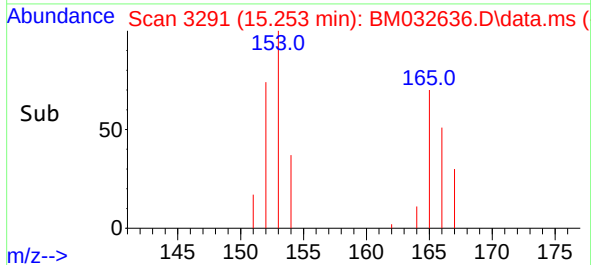
Tgt Ion:153 Resp: 2536
Ion Ratio Lower Upper
153 100
152 112.8 40.4 60.6#
154 34.9 70.8 106.2#



#12
Fluorene
Concen: 0.08 ng/ul
RT: 15.253 min Scan# 3291
Delta R.T. -0.006 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35



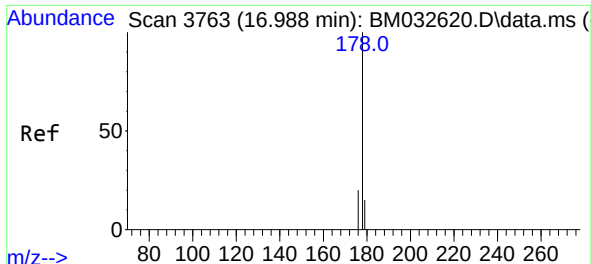
Tgt Ion:166 Resp: 3632
Ion Ratio Lower Upper
166 100
165 143.9 80.7 121.1#
167 68.4 11.2 16.8#



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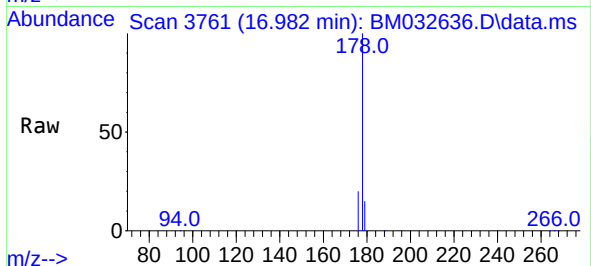
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#15
Phenanthrene
Concen: 2.32 ng/ul
RT: 16.982 min Scan# 3761
Delta R.T. -0.006 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

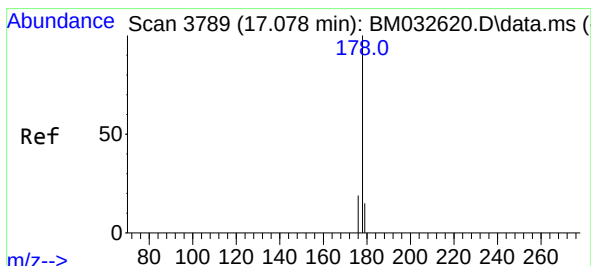
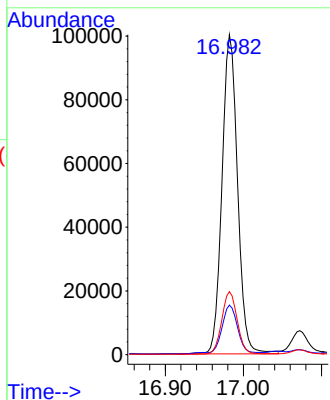
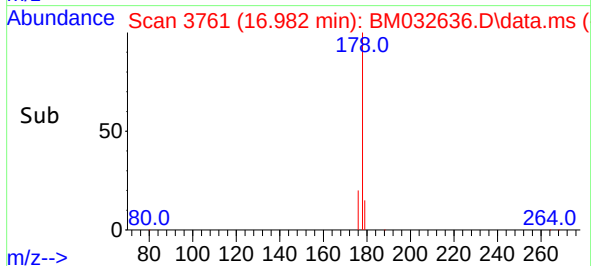
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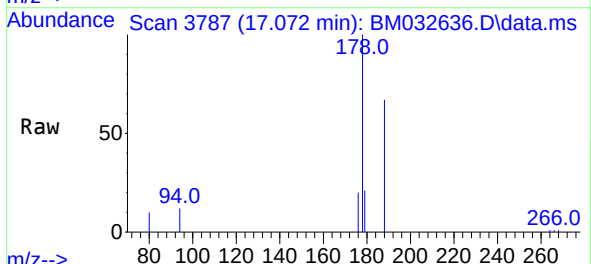
Tgt Ion:178 Resp: 138159
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.7 16.1 24.1

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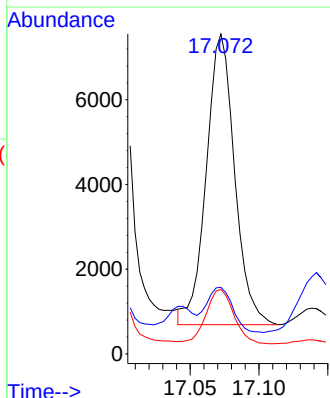
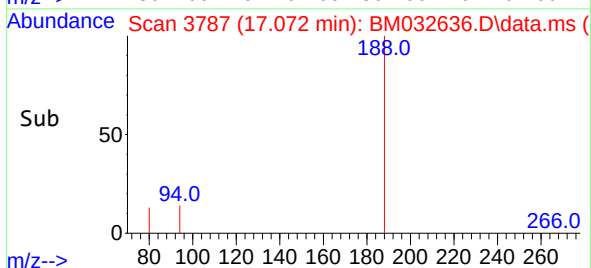
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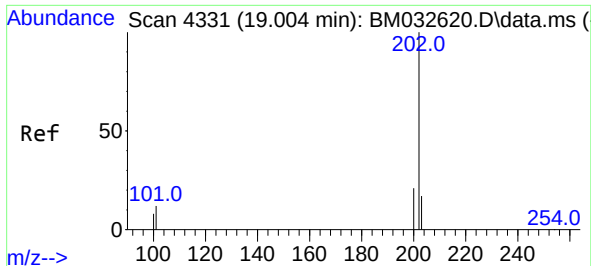


#16
Anthracene
Concen: 0.19 ng/ul
RT: 17.072 min Scan# 3787
Delta R.T. -0.006 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35



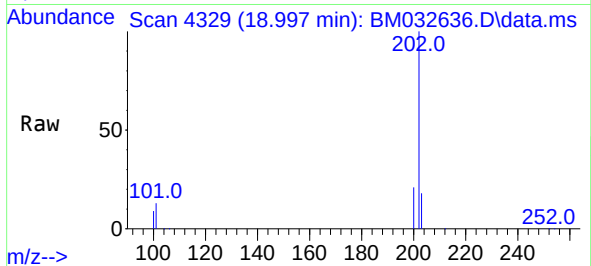
Tgt Ion:178 Resp: 9829
Ion Ratio Lower Upper
178 100
179 20.8 12.9 19.3#
176 20.2 15.8 23.6





#19
Fluoranthene
Concen: 1.47 ng/ul
RT: 18.997 min Scan# 4329
Delta R.T. -0.006 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

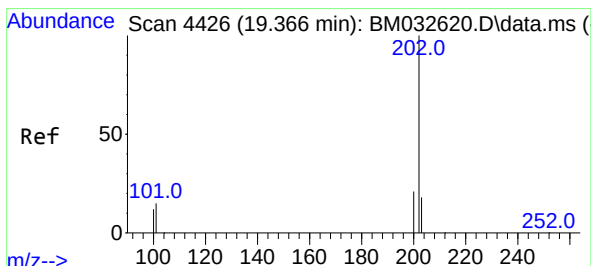
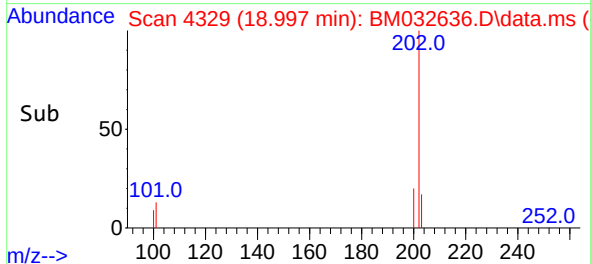
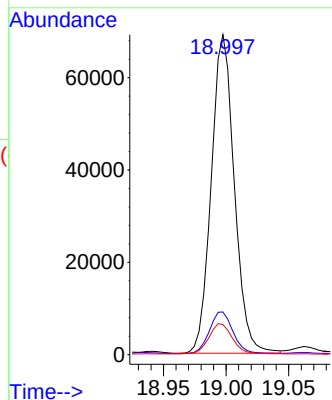
Instrument :
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ClientSampled :
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Tgt Ion:202 Resp: 88517
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 9.4 7.8 11.8

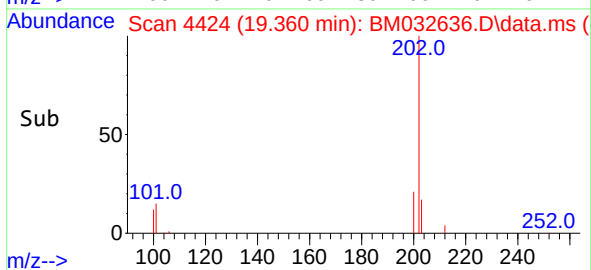
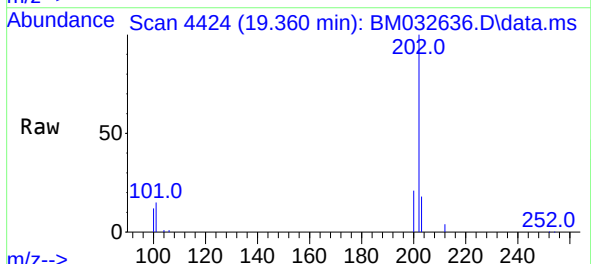
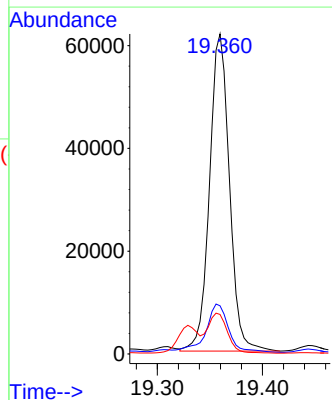
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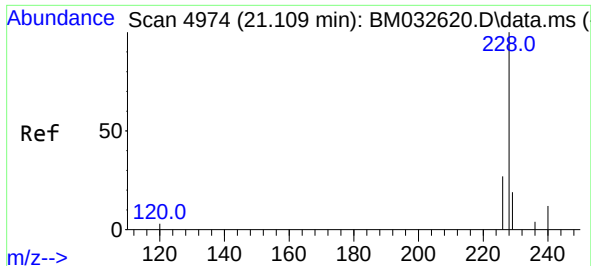
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#20
Pyrene
Concen: 1.31 ng/ul
RT: 19.360 min Scan# 4424
Delta R.T. -0.006 min
Lab File: BM032636.D
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Tgt Ion:202 Resp: 81325
Ion Ratio Lower Upper
202 100
101 15.1 12.3 18.5
100 12.3 10.1 15.1





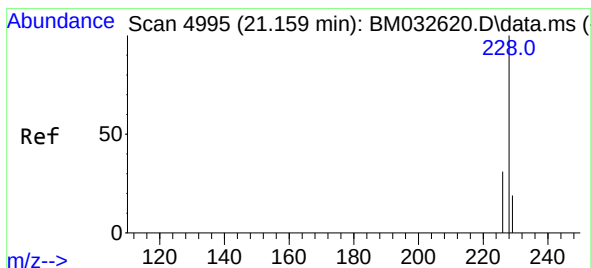
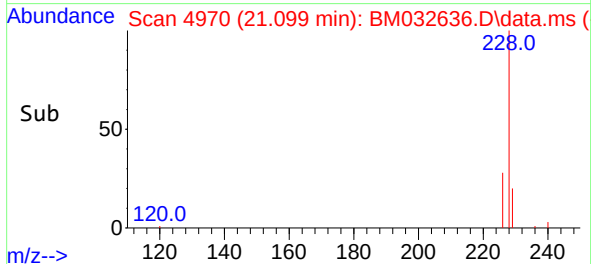
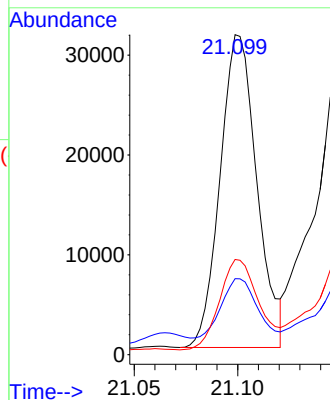
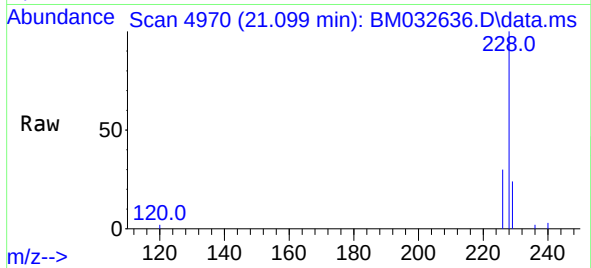
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Benzo(a)anthracene
Concen: 0.81 ng/ul
RT: 21.099 min Scan# 4970
Delta R.T. -0.010 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:228	Resp:	38635
Ion Ratio	Lower	Upper
228	100	
229	23.8	15.9 23.9
226	29.7	22.4 33.6

Instrument :
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ClientSampleId :
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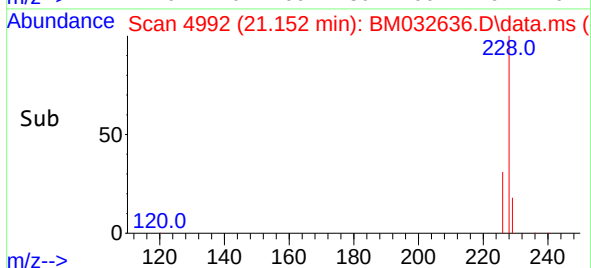
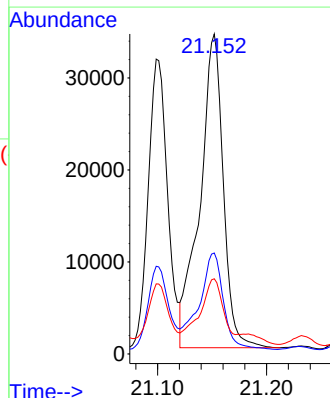
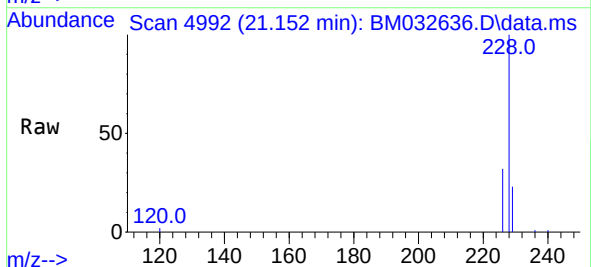
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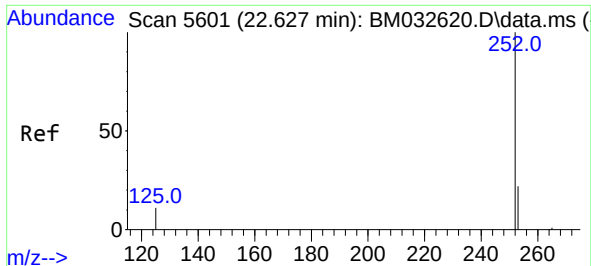
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#22
Chrysene
Concen: 0.97 ng/ul
RT: 21.152 min Scan# 4992
Delta R.T. -0.008 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:228	Resp:	50864
Ion Ratio	Lower	Upper
228	100	
226	31.5	25.1 37.7
229	23.5	15.7 23.5





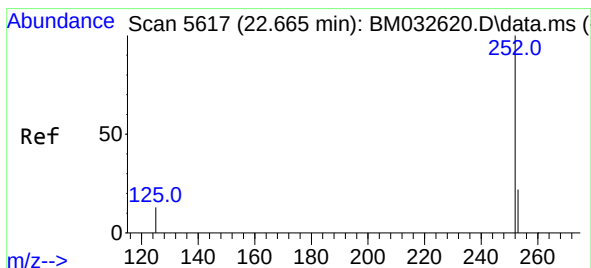
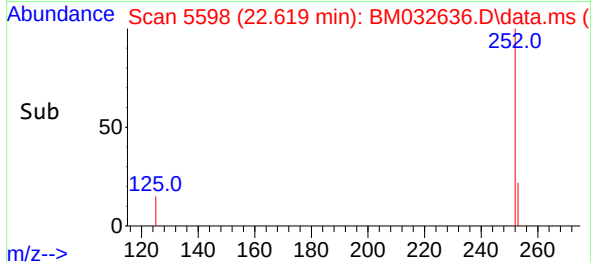
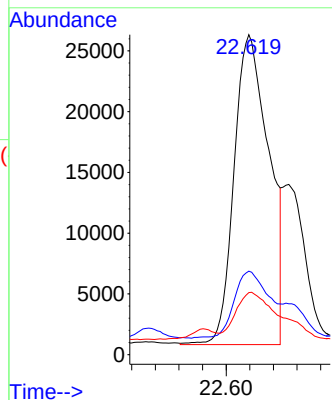
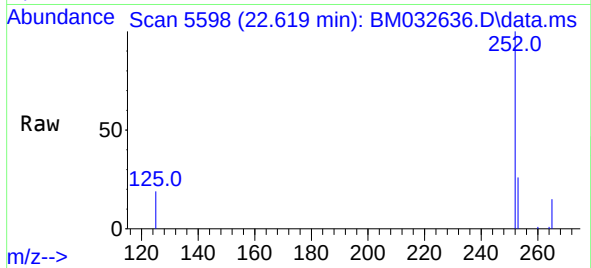
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Benzo(b)fluoranthene
Concen: 1.03 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.008 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:252	Resp:	52305
Ion Ratio	Lower	Upper
252	100	
253	26.1	0.0 53.8
125	19.4	0.0 35.6

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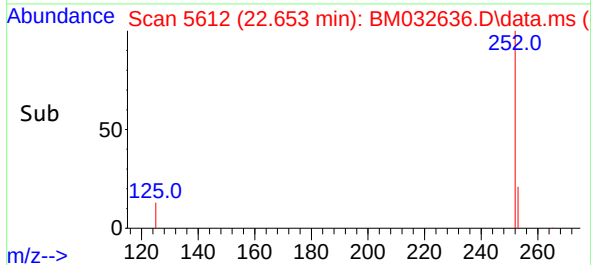
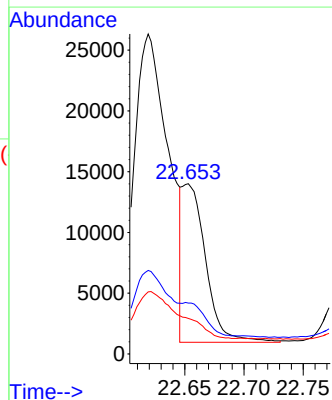
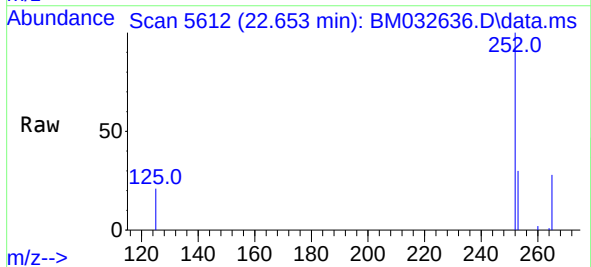
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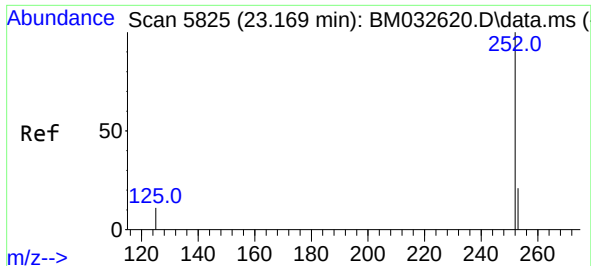
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#25
Benzo(k)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.653 min Scan# 5612
Delta R.T. -0.012 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:252	Resp:	18006
Ion Ratio	Lower	Upper
252	100	
253	29.9	21.8 32.6
125	20.9	14.4 21.6





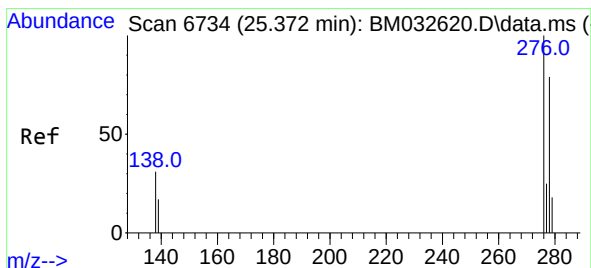
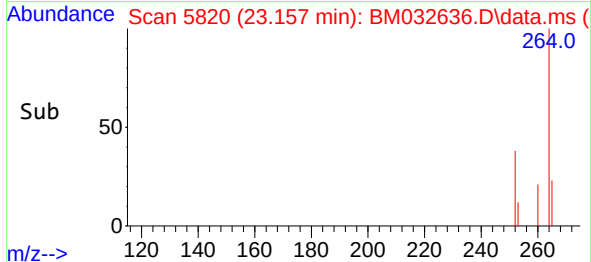
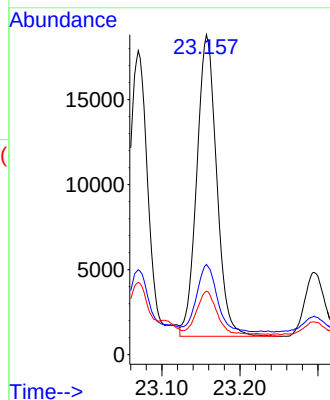
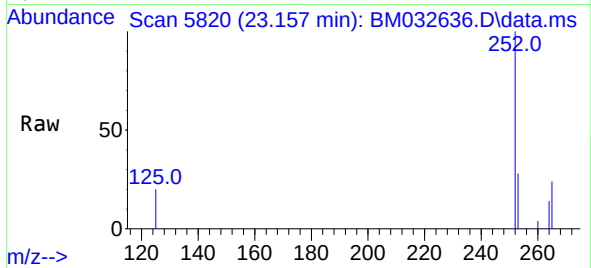
#26
Benzo(a)pyrene
Concen: 0.74 ng/u1
RT: 23.157 min Scan# 5820
Delta R.T. -0.012 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:	252	Resp:	31394
Ion Ratio	Lower	Upper	
252	100		
253	28.2	23.6	35.4
125	19.9	17.1	25.7

Instrument :
BNA_M
ClientSampled :
C0B22

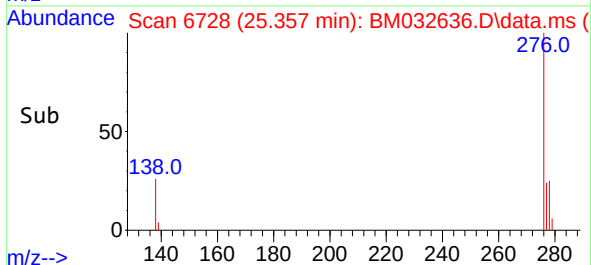
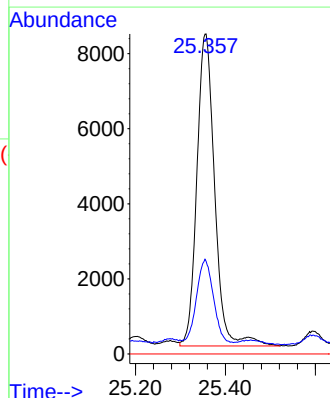
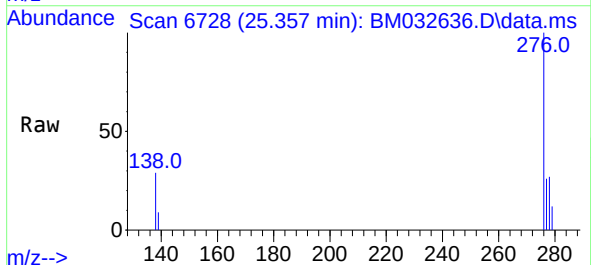
Manual Integrations
APPROVED

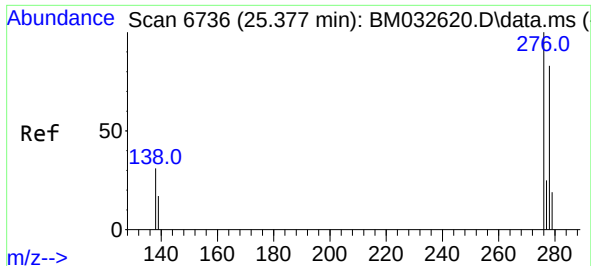
mohammad
10/21/2021 11:17:25 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/u1
RT: 25.357 min Scan# 6728
Delta R.T. -0.015 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion:	276	Resp:	22887
Ion Ratio	Lower	Upper	
276	100		
138	25.5	24.9	37.3
227	0.0	0.0	0.0





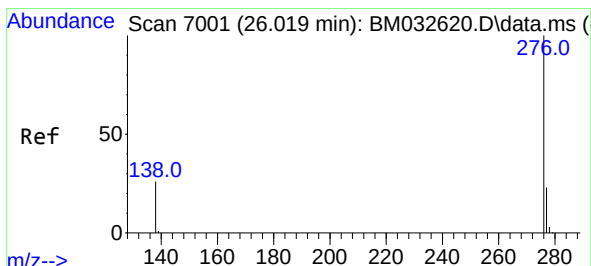
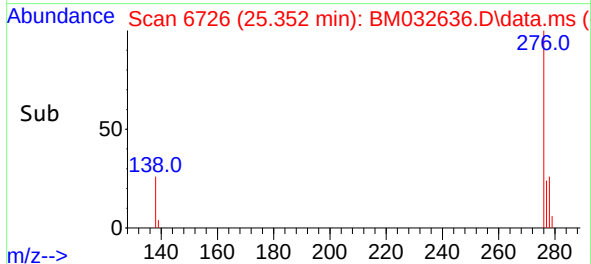
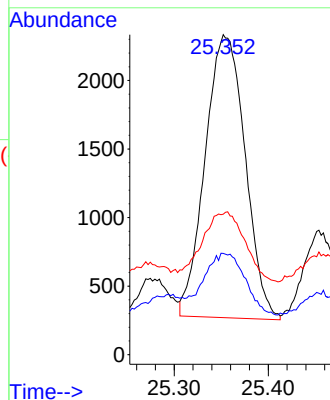
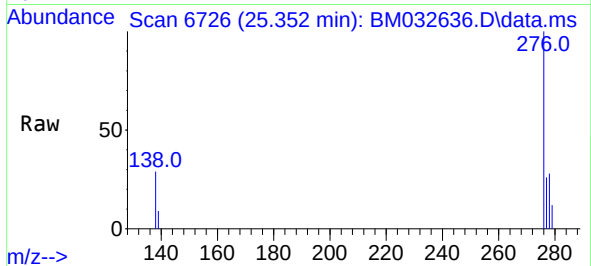
#28
Dibenzo(a,h)anthracene
Concen: 0.15 ng/ul
RT: 25.352 min Scan# 6726
Delta R.T. -0.024 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion: 278 Resp: 6095
Ion Ratio Lower Upper
278 100
139 31.7 18.6 28.0#
279 43.9 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0B22

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:25 AM



#29
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.015 min
Lab File: BM032636.D
Acq: 21 Oct 2021 01:35

Tgt Ion: 276 Resp: 20270
Ion Ratio Lower Upper
276 100
138 29.5 22.6 33.8
277 26.0 19.9 29.9

