

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032575.D
 Acq On : 18 Oct 2021 16:09
 Operator : CG/JU
 Sample : M4181-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B27

Manual Integrations
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Quant Time: Oct 18 16:39:25 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	5726	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	17201	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	8300	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	14022	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	10012	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	10572	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	19725	3.07	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	4314	0.19	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	6196	0.20	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	75018	1.44	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	65396	1.92	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	53544	1.59	ng/ul	99
10) Acenaphthylene	13.928	152	12263	0.35	ng/ul	98
11) Acenaphthene	14.270	153	2813	0.09	ng/ul	94
12) Fluorene	15.256	166	3323	0.09	ng/ul#	66
15) Phenanthrene	16.984	178	81654	1.73	ng/ul	99
16) Anthracene	17.075	178	12274	0.30	ng/ul	98
19) Fluoranthene	19.000	202	89103	1.80	ng/ul	100
20) Pyrene	19.362	202	60551	1.19	ng/ul	99
21) Benzo(a)anthracene	21.106	228	45833	1.17	ng/ul	95
22) Chrysene	21.159	228	71639	1.66	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	92654m	1.90	ng/ul	
25) Benzo(k)fluoranthene	22.661	252	35076m	0.72	ng/ul	
26) Benzo(a)pyrene	23.164	252	19026	0.46	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.357	276	22326	0.45	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.357	278	11340	0.29	ng/ul#	87
29) Benzo(g,h,i)perylene	25.994	276	1307	0.03	ng/ul#	30

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

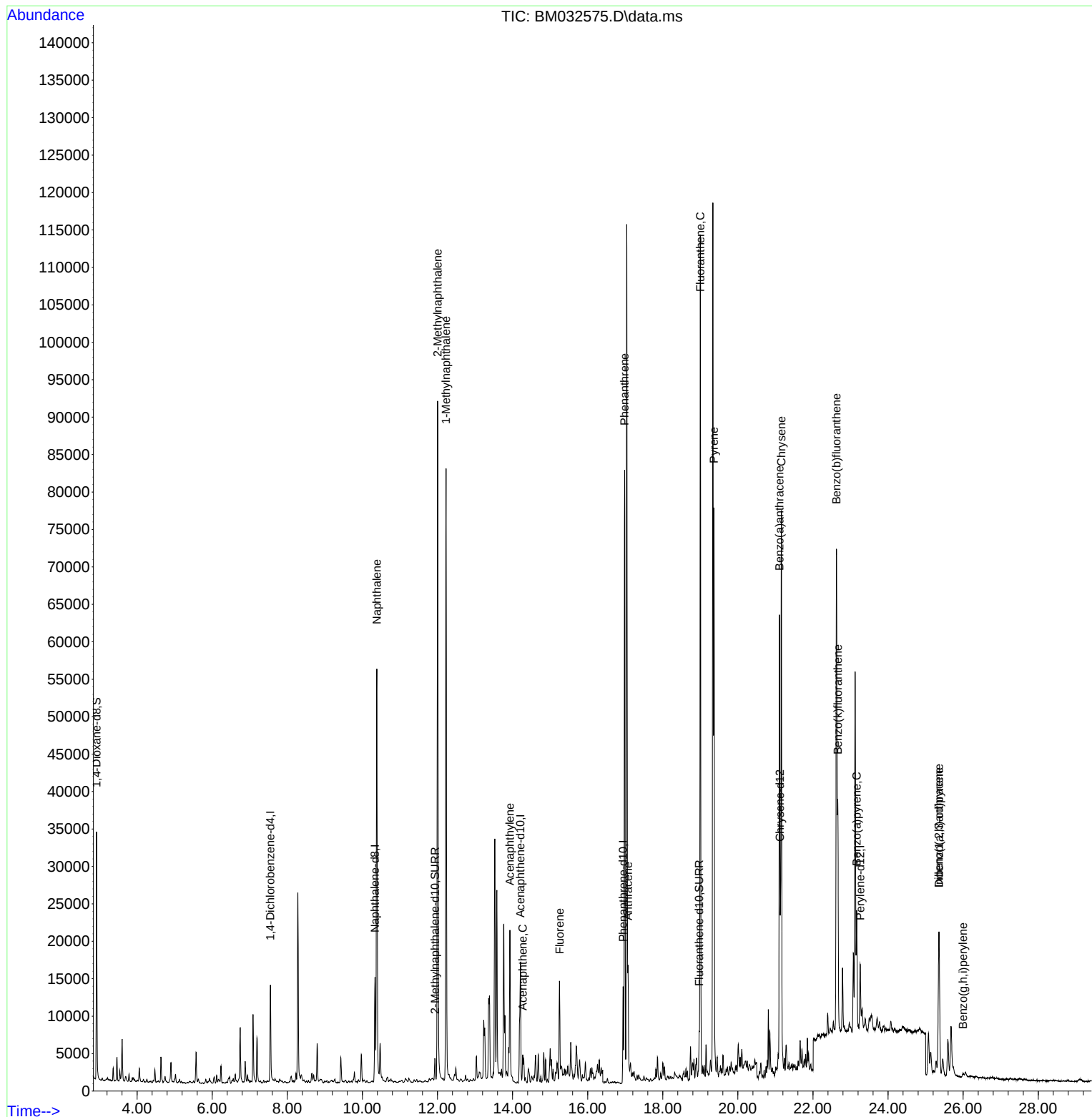
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032575.D
Acq On : 18 Oct 2021 16:09
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

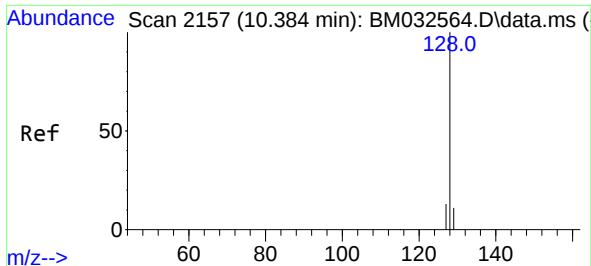
Instrument :
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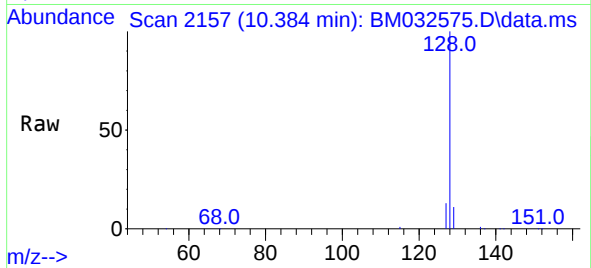
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QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

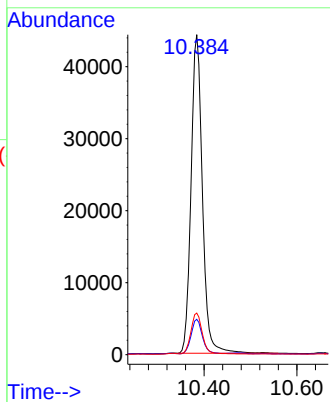
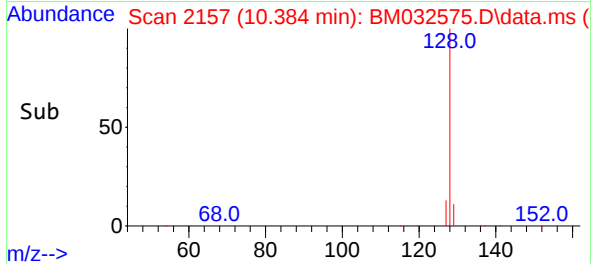




#5
Naphthalene
Concen: 1.44 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09



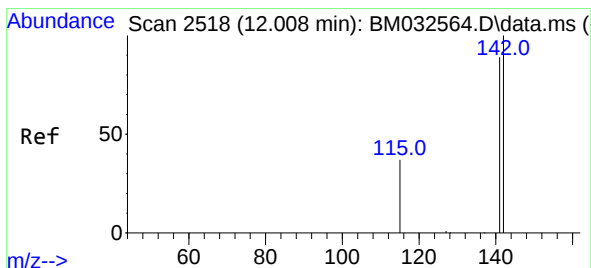
Tgt Ion:128 Resp: 75018
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 11.1 16.7



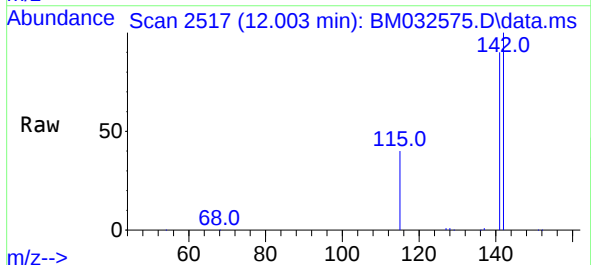
Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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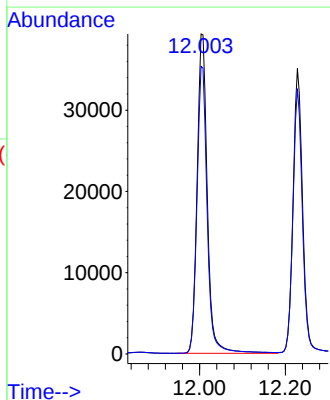
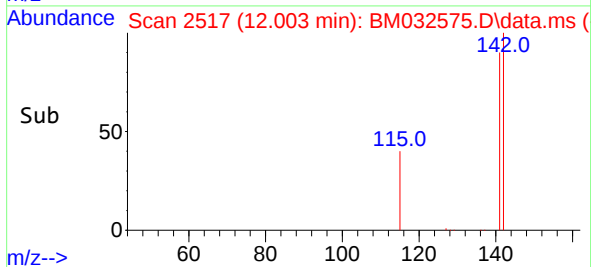
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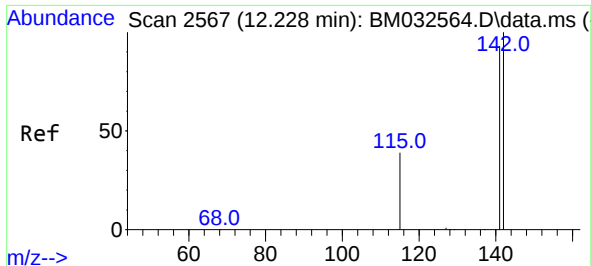


#7
2-Methylnaphthalene
Concen: 1.92 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09



Tgt Ion:142 Resp: 65396
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





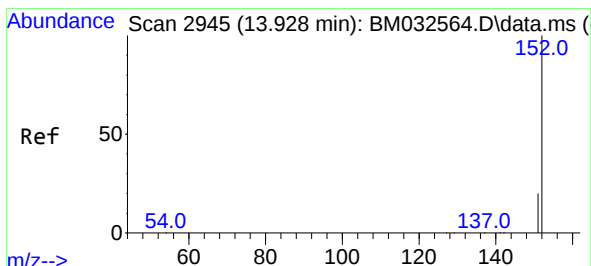
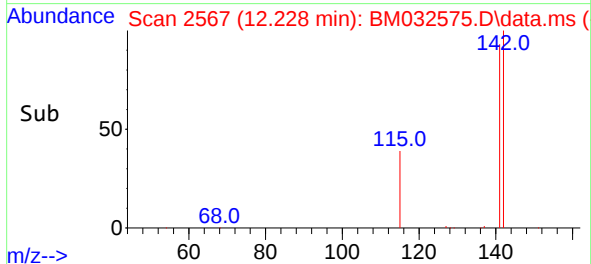
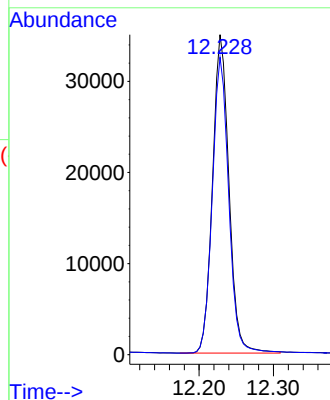
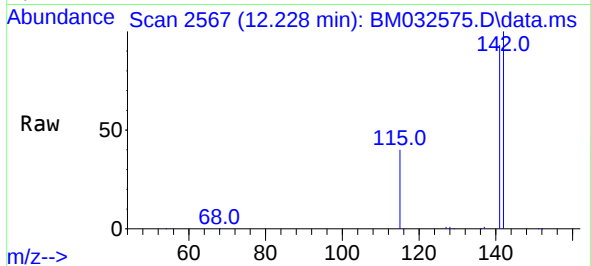
#8
1-Methylnaphthalene
Concen: 1.59 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:142 Resp: 53544
Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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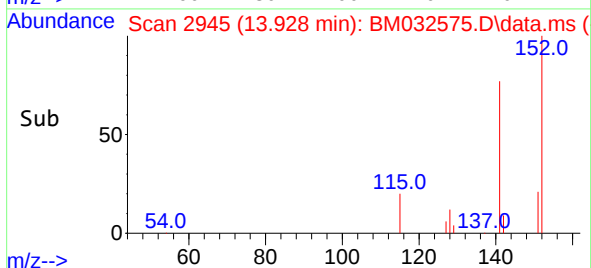
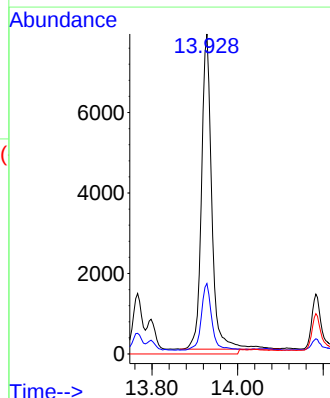
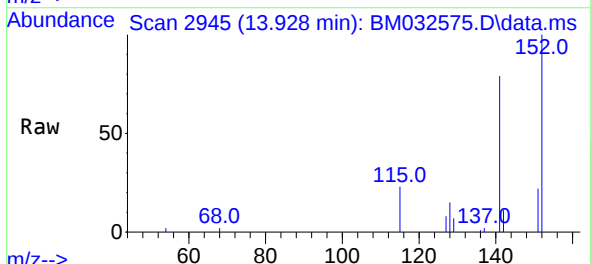
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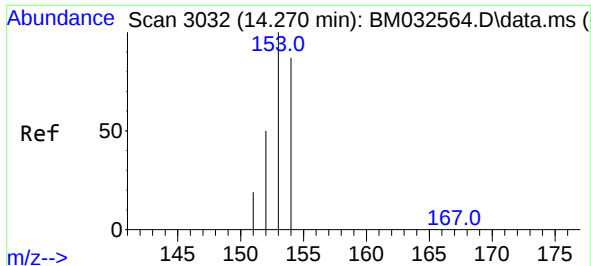
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#10
Acenaphthylene
Concen: 0.35 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

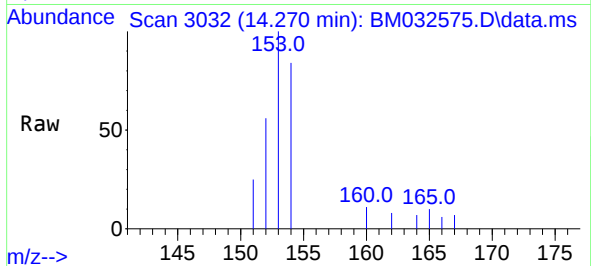
Tgt Ion:152 Resp: 12263
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.09 ng/u1
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

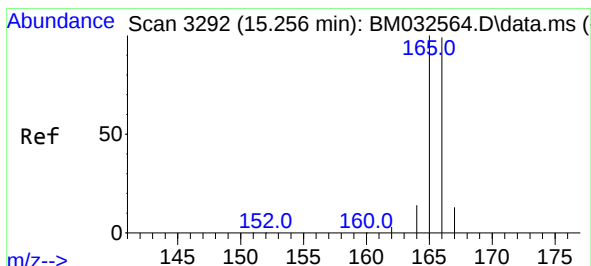
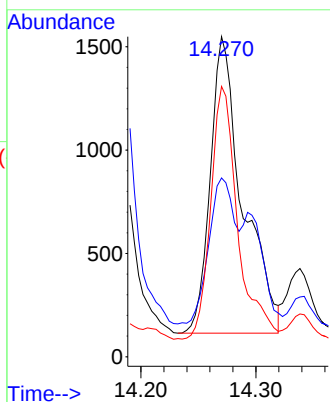
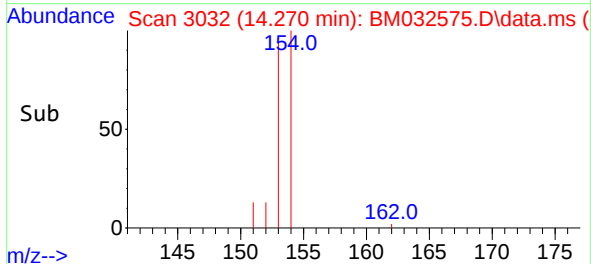
Instrument :
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ClientSampled :
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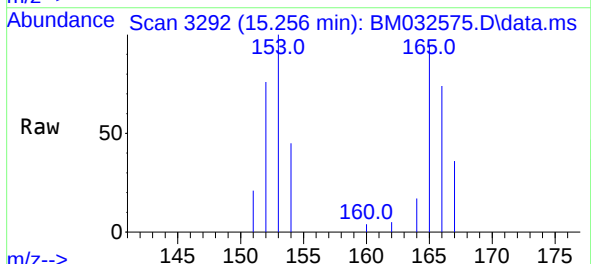
Tgt Ion:153 Resp: 2813
Ion Ratio Lower Upper
153 100
152 55.8 40.4 60.6
154 84.4 70.8 106.2

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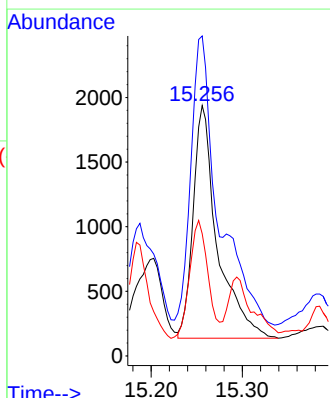
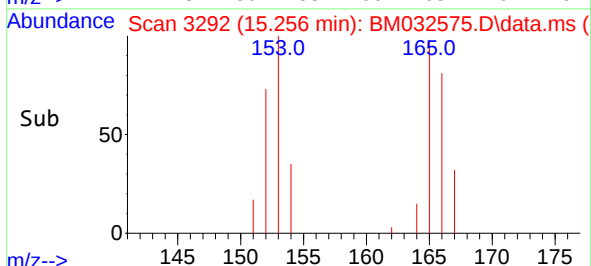
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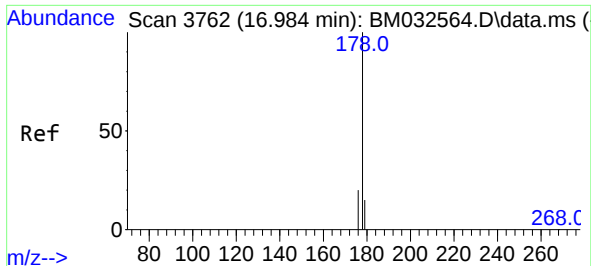


#12
Fluorene
Concen: 0.09 ng/u1
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09



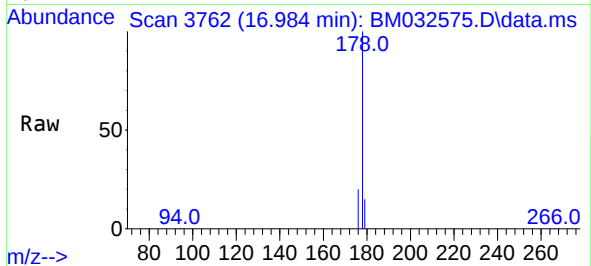
Tgt Ion:166 Resp: 3323
Ion Ratio Lower Upper
166 100
165 127.8 80.7 121.1#
167 48.8 11.2 16.8#





#15
Phenanthrene
Concen: 1.73 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

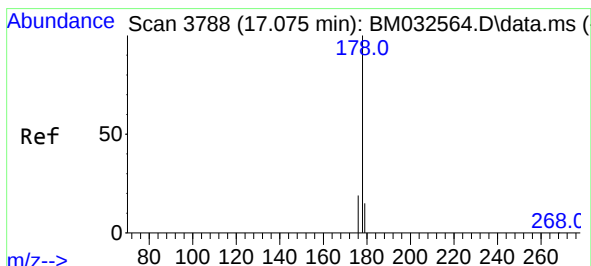
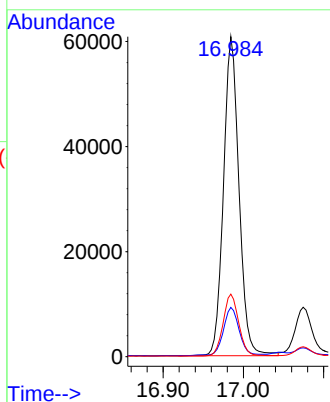
Instrument :
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ClientSampled :
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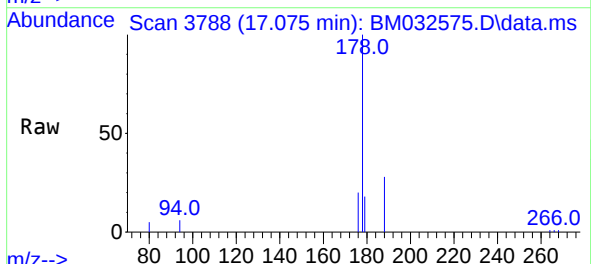
Tgt Ion:178 Resp: 81654
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.6 16.1 24.1

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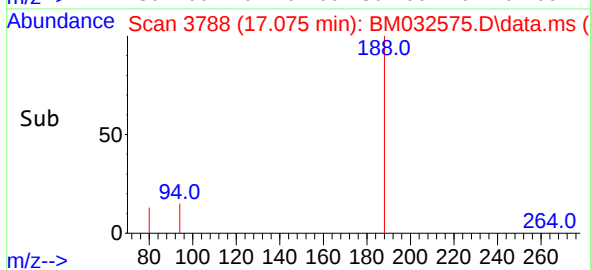
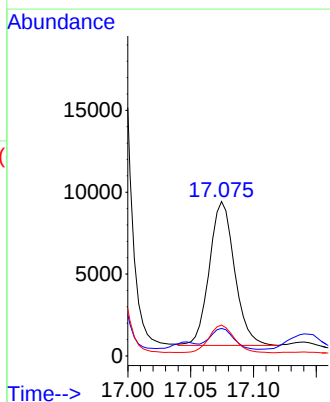
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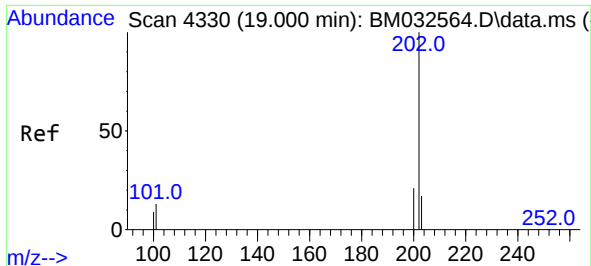


#16
Anthracene
Concen: 0.30 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

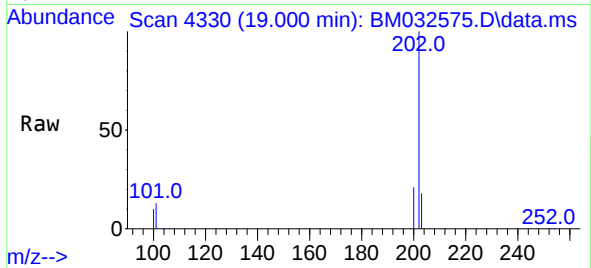


Tgt Ion:178 Resp: 12274
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 20.0 15.8 23.6

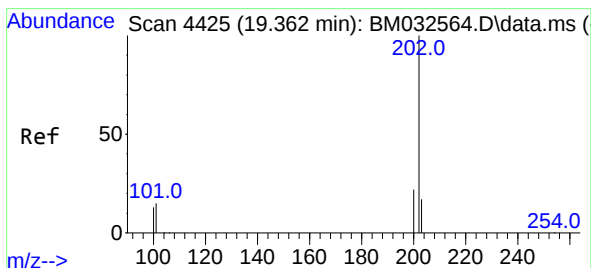
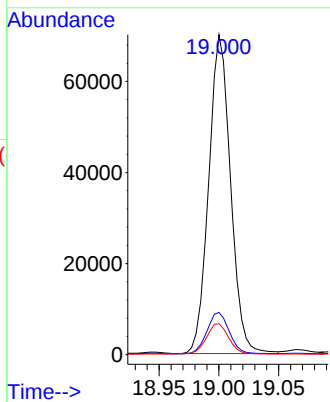
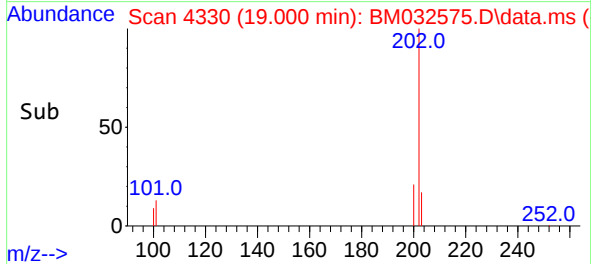




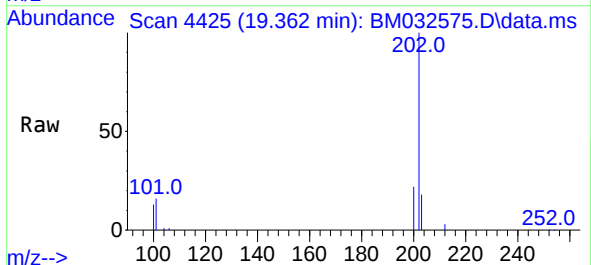
#19
Fluoranthene
Concen: 1.80 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09



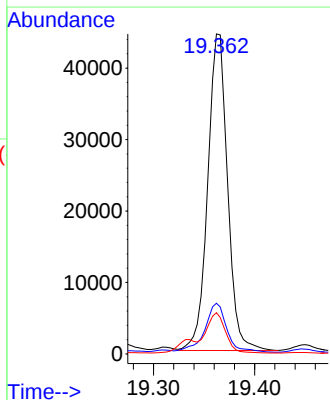
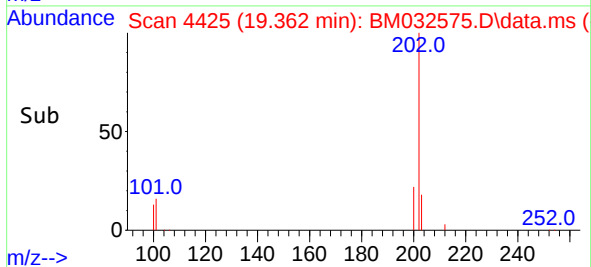
Tgt Ion:202 Resp: 89103
Ion Ratio Lower Upper
202 100
101 13.2 10.6 16.0
100 9.7 7.8 11.8



#20
Pyrene
Concen: 1.19 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09



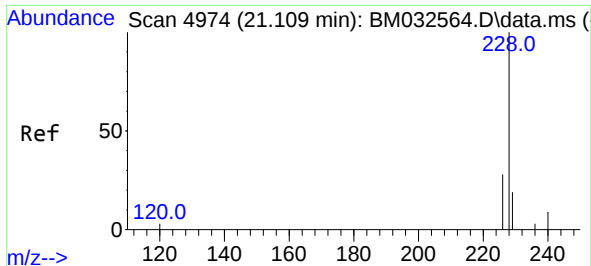
Tgt Ion:202 Resp: 60551
Ion Ratio Lower Upper
202 100
101 15.8 12.3 18.5
100 12.9 10.1 15.1



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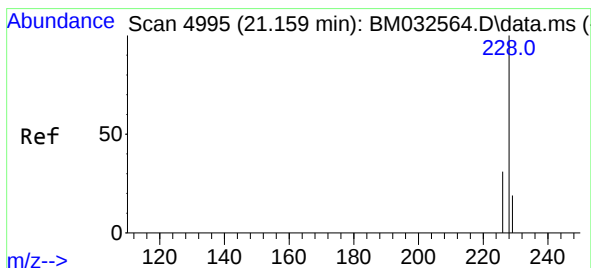
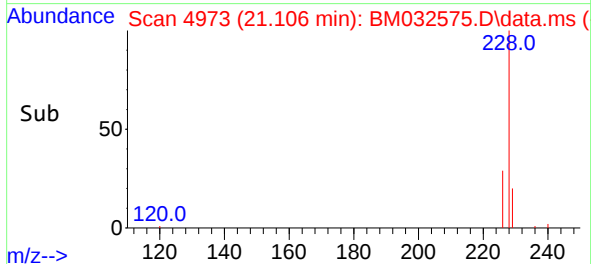
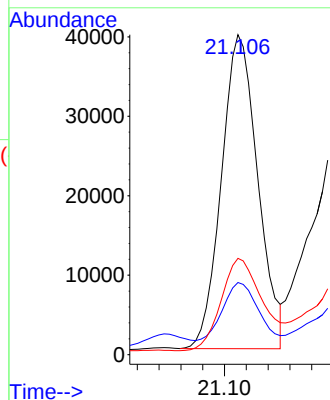
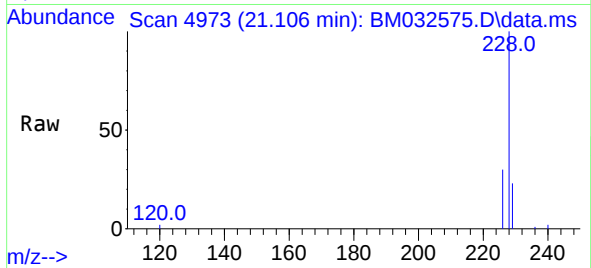
#21
Benzo(a)anthracene
Concen: 1.17 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:228	Resp:	45833
Ion Ratio	Lower	Upper
228	100	
229	22.6	15.9 23.9
226	30.1	22.4 33.6

Instrument :
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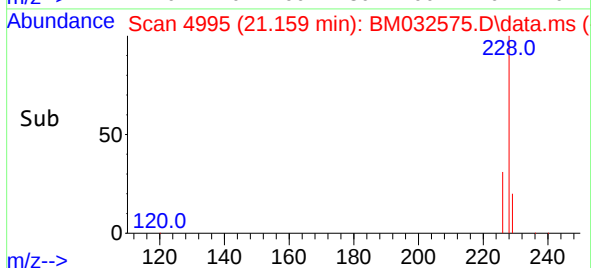
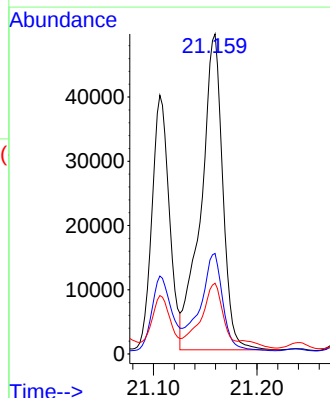
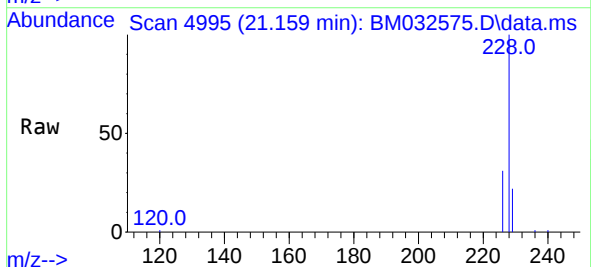
Manual Integrations
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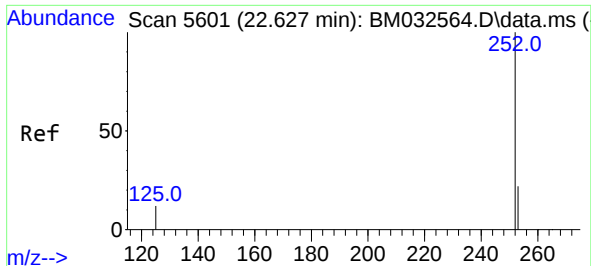
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#22
Chrysene
Concen: 1.66 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:228	Resp:	71639
Ion Ratio	Lower	Upper
228	100	
226	31.4	25.1 37.7
229	22.1	15.7 23.5





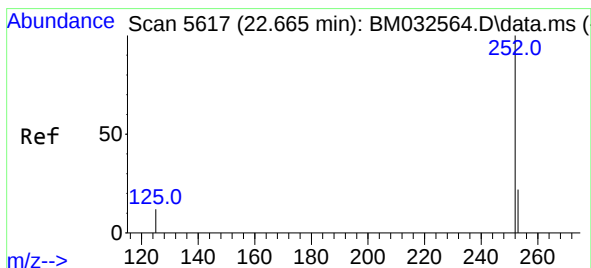
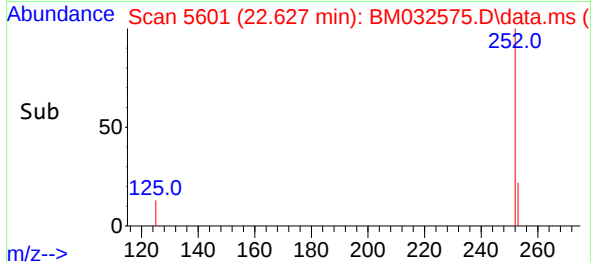
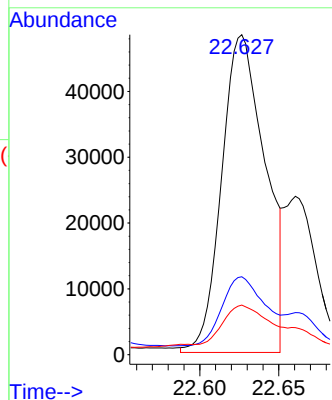
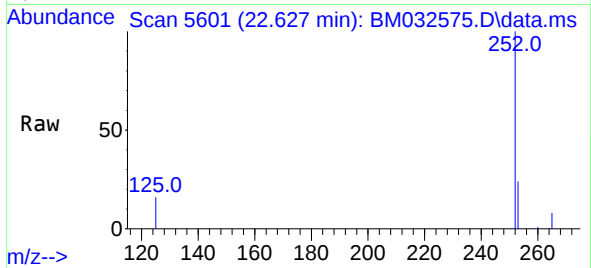
#24
Benzo(b)fluoranthene
Concen: 1.90 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:252	Resp:	92654
Ion Ratio	Lower	Upper
252	100	
253	24.3	0.0 53.8
125	15.5	0.0 35.6

Instrument :
BNA_M
ClientSampled :
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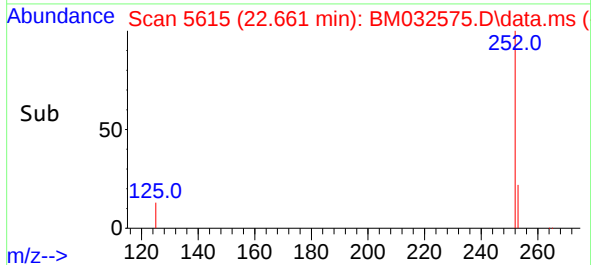
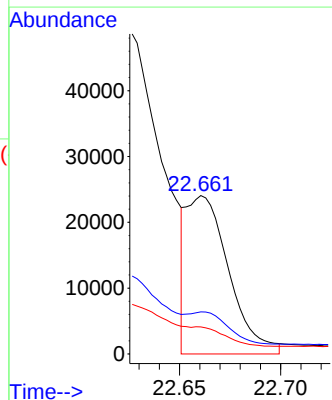
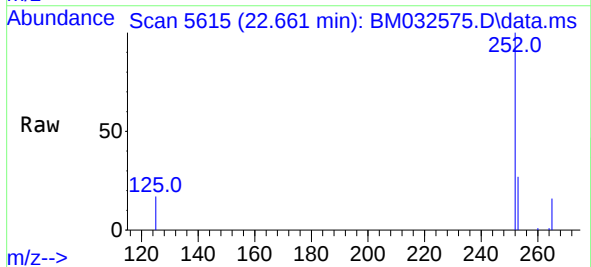
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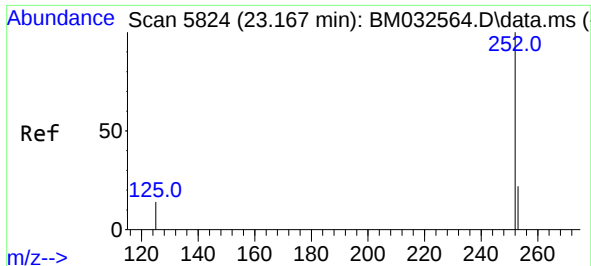
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#25
Benzo(k)fluoranthene
Concen: 0.72 ng/ul m
RT: 22.661 min Scan# 5615
Delta R.T. -0.005 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:252	Resp:	35076
Ion Ratio	Lower	Upper
252	100	
253	26.6	21.8 32.6
125	17.1	14.4 21.6





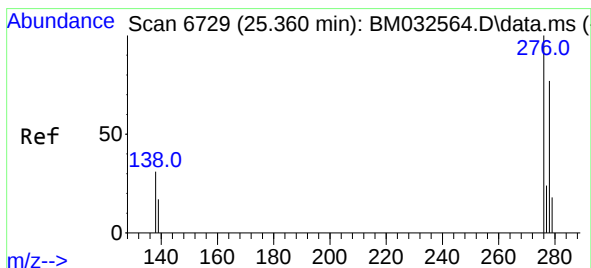
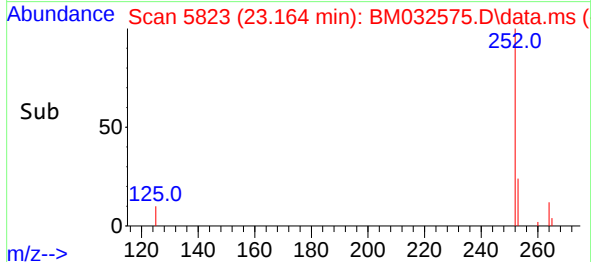
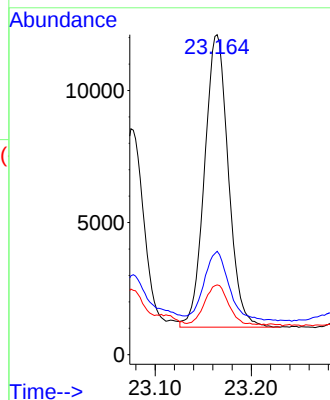
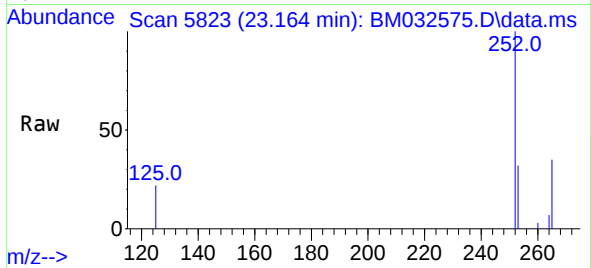
#26
Benzo(a)pyrene
Concen: 0.46 ng/u1
RT: 23.164 min Scan# 5823
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:	252	Resp:	19026
Ion Ratio	Lower	Upper	
252	100		
253	32.3	23.6	35.4
125	21.8	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C0B27

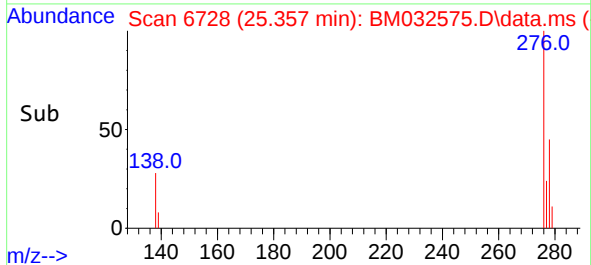
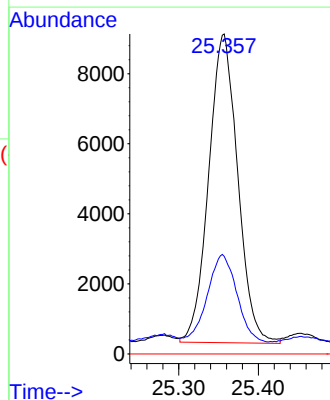
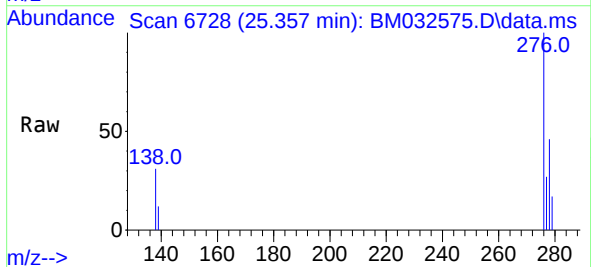
Manual Integrations
APPROVED

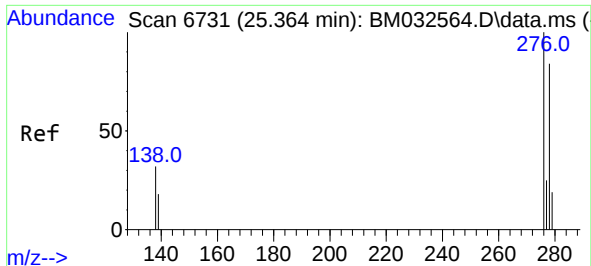
mohammad
10/19/2021 12:10:46 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng/u1
RT: 25.357 min Scan# 6728
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:	276	Resp:	22326
Ion Ratio	Lower	Upper	
276	100		
138	28.8	24.9	37.3
227	0.0	0.0	0.0





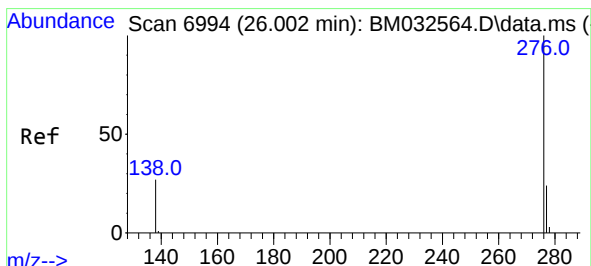
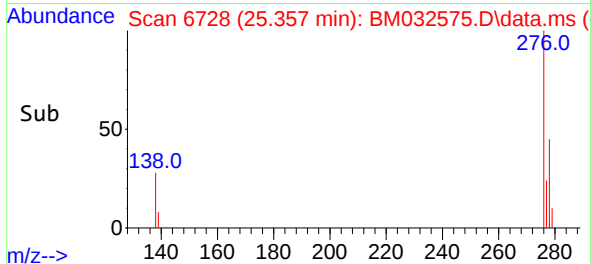
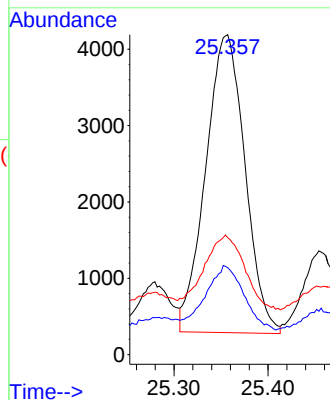
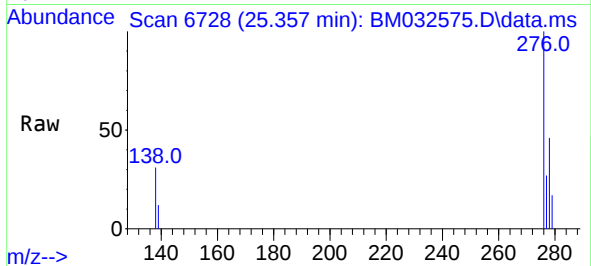
#28
Dibenzo(a,h)anthracene
Concen: 0.29 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.007 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:278 Resp: 11340
Ion Ratio Lower Upper
278 100
139 27.2 18.6 28.0
279 36.6 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:46 PM



#29
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 25.994 min Scan# 6991
Delta R.T. -0.007 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:276 Resp: 1307
Ion Ratio Lower Upper
276 100
138 66.6 22.6 33.8#
277 58.2 19.9 29.9#

