

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032574.D
 Acq On : 18 Oct 2021 15:32
 Operator : CG/JU
 Sample : M4181-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ1

Manual Integrations
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Quant Time: Oct 18 16:22:32 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	4583	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	13243	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6347	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	11531	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	9504	0.40	ng/ul	0.00
23) Perylene-d12	23.256	264	10927	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	10710	2.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	3015	0.17	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	5127	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	53864	1.34	ng/ul	98
7) 2-Methylnaphthalene	12.008	142	45108	1.72	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	36983	1.43	ng/ul	99
10) Acenaphthylene	13.928	152	23937	0.88	ng/ul	99
11) Acenaphthene	14.270	153	2580	0.10	ng/ul	93
12) Fluorene	15.260	166	4022	0.14	ng/ul#	81
15) Phenanthrene	16.984	178	83626	2.16	ng/ul	99
16) Anthracene	17.074	178	25676	0.75	ng/ul	99
19) Fluoranthene	19.000	202	174258	3.71	ng/ul	100
20) Pyrene	19.362	202	113479	2.35	ng/ul	100
21) Benzo(a)anthracene	21.106	228	115604	3.11	ng/ul	96
22) Chrysene	21.157	228	200248	4.90	ng/ul	99
24) Benzo(b)fluoranthene	22.624	252	319946m	6.34	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	99820m	1.99	ng/ul	
26) Benzo(a)pyrene	23.164	252	49920	1.18	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.355	276	63420	1.23	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.355	278	36936	0.91	ng/ul	98
29) Benzo(g,h,i)perylene	26.002	276	3060	0.07	ng/ul#	58

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

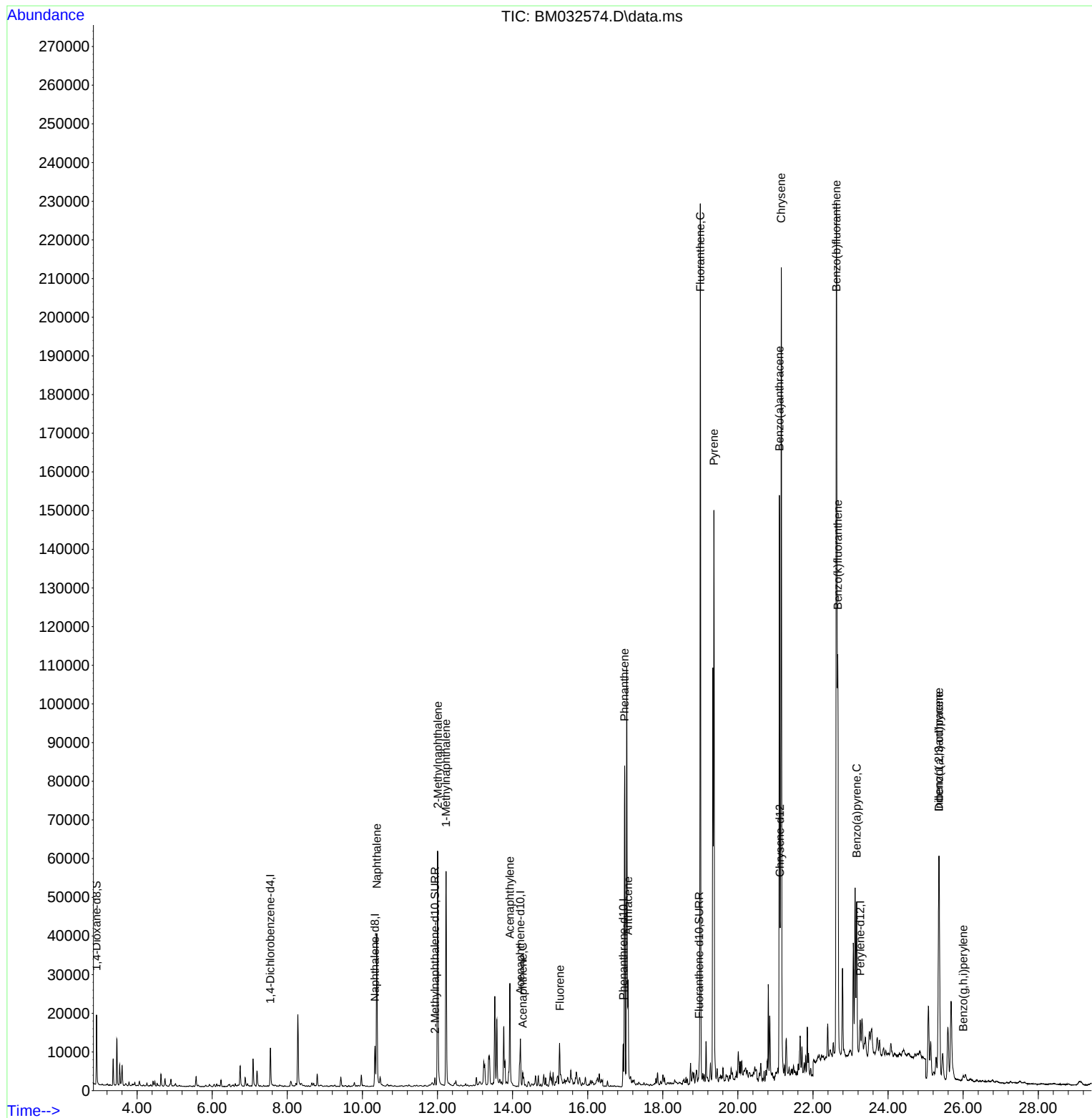
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032574.D
Acq On : 18 Oct 2021 15:32
Operator : CG/JU
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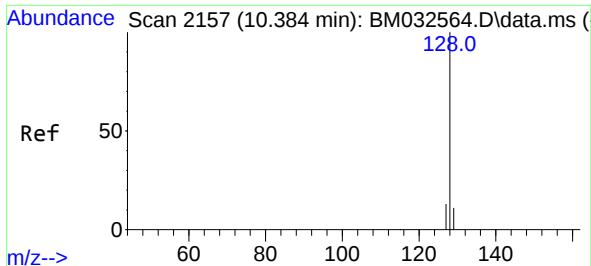
Instrument :
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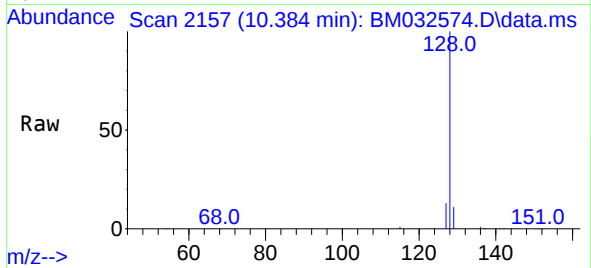
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Quant Time: Oct 18 16:22:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

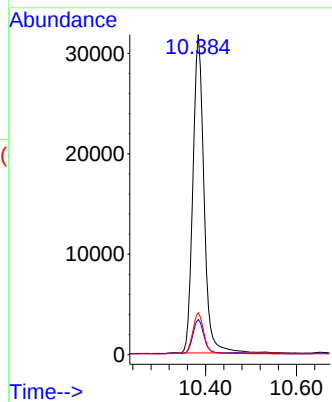
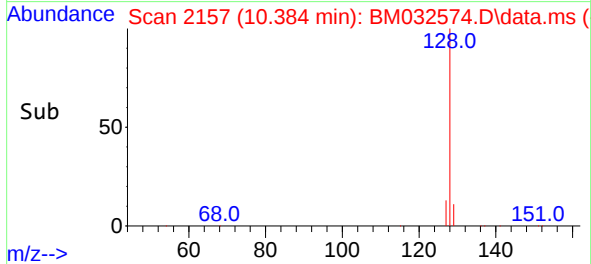




#5
Naphthalene
Concen: 1.34 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32



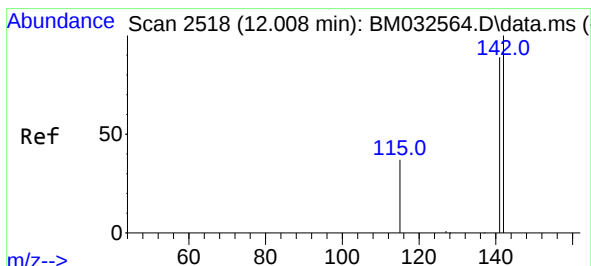
Tgt Ion:128 Resp: 53864
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 11.1 16.7



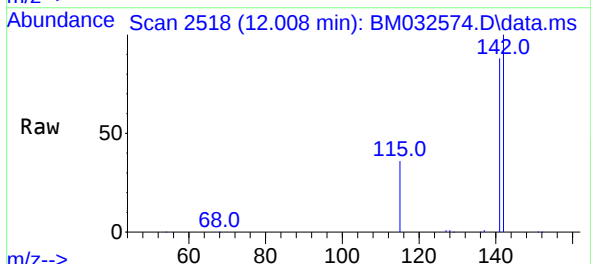
Instrument :
BNA_M
ClientSampleId :
C0AZ1

Manual Integrations
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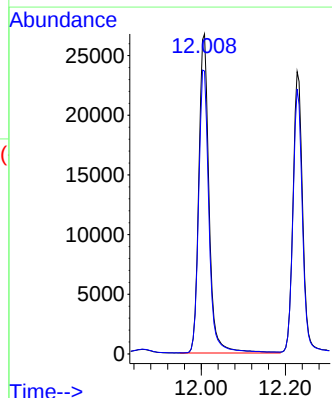
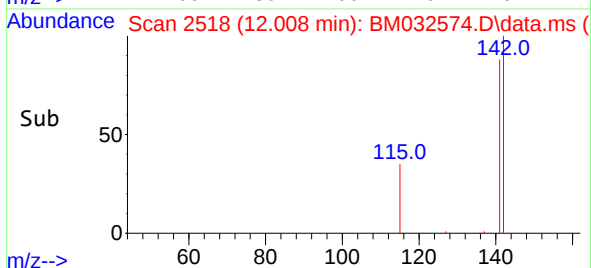
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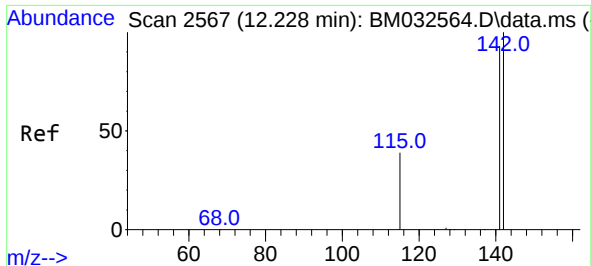


#7
2-Methylnaphthalene
Concen: 1.72 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32



Tgt Ion:142 Resp: 45108
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2





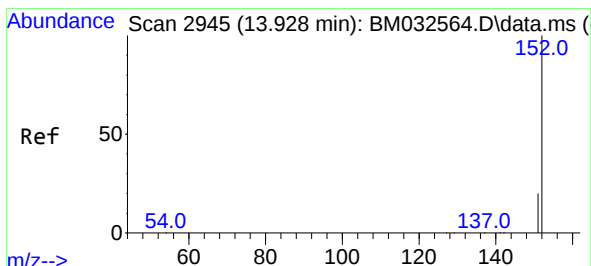
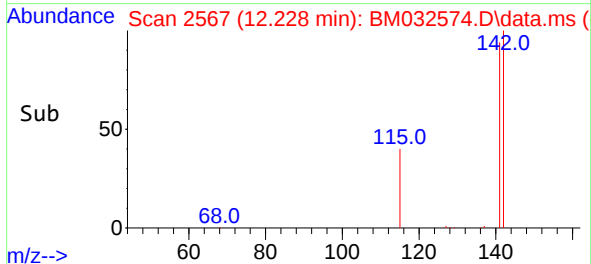
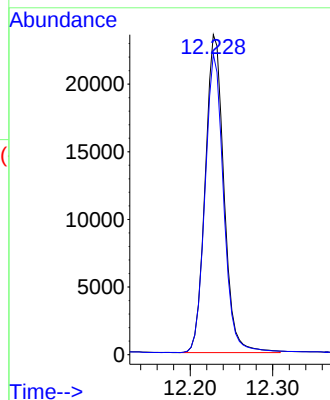
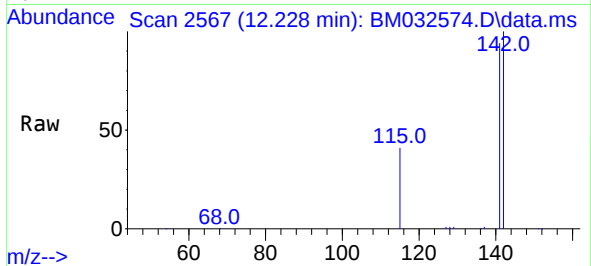
#8
1-Methylnaphthalene
Concen: 1.43 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:142 Resp: 36983
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3

Instrument :
BNA_M
ClientSampleId :
C0AZ1

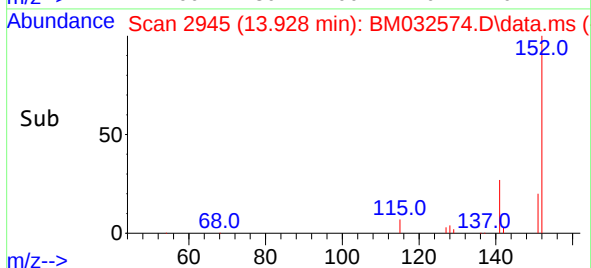
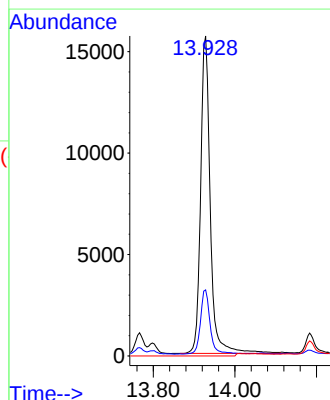
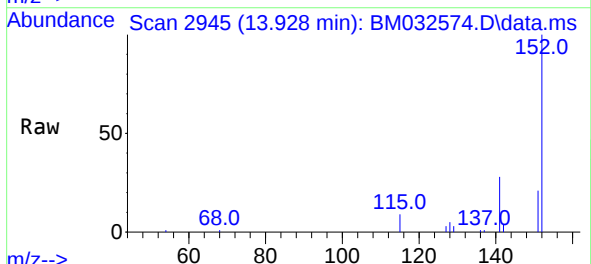
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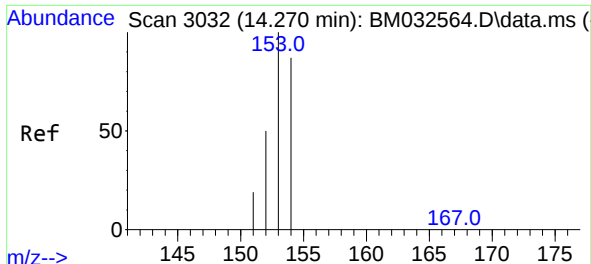
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#10
Acenaphthylene
Concen: 0.88 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

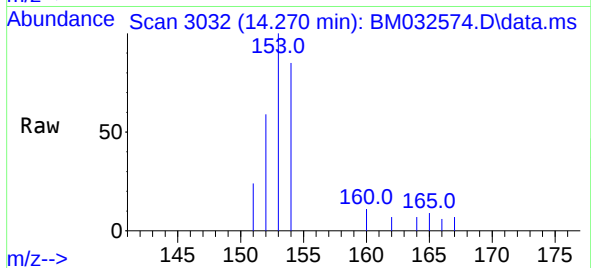
Tgt Ion:152 Resp: 23937
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

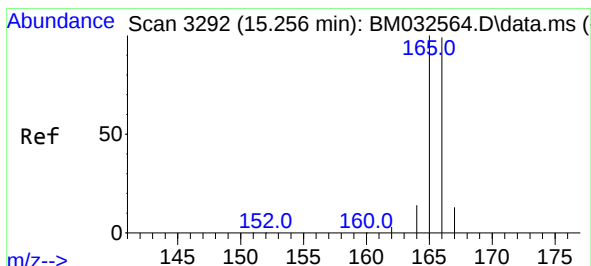
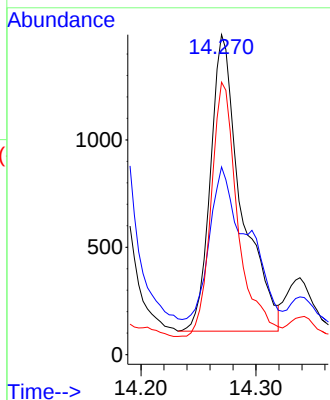
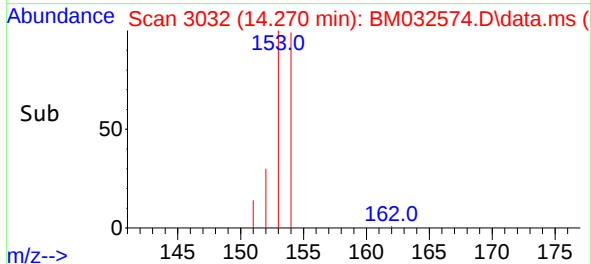
Instrument :
BNA_M
ClientSampled :
C0AZ1



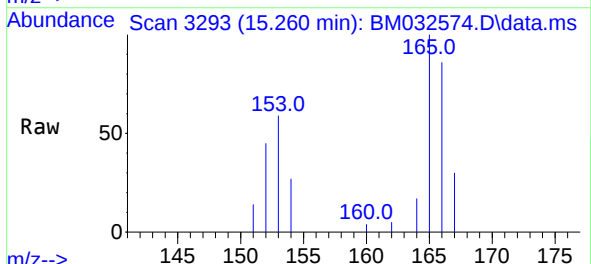
Tgt Ion:153 Resp: 2580
Ion Ratio Lower Upper
153 100
152 58.7 40.4 60.6
154 85.2 70.8 106.2

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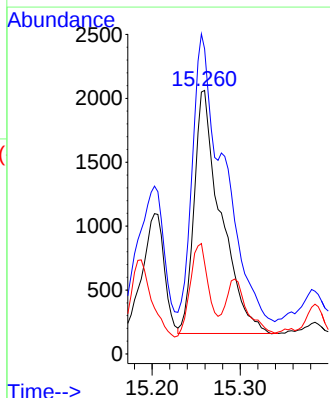
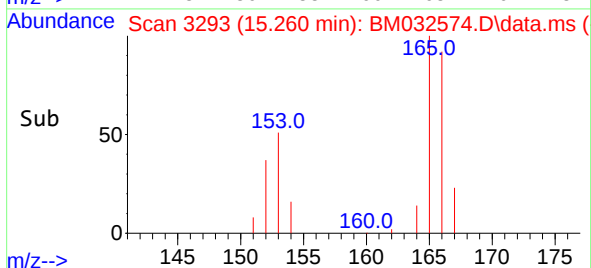
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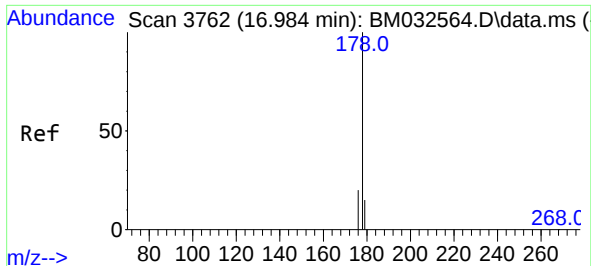


#12
Fluorene
Concen: 0.14 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. 0.004 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32



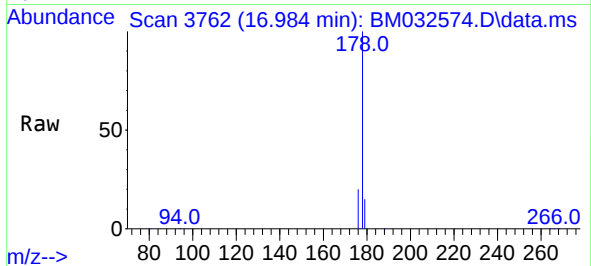
Tgt Ion:166 Resp: 4022
Ion Ratio Lower Upper
166 100
165 115.8 80.7 121.1
167 34.5 11.2 16.8#





#15
Phenanthrene
Concen: 2.16 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

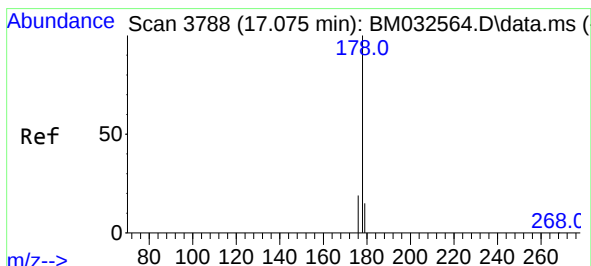
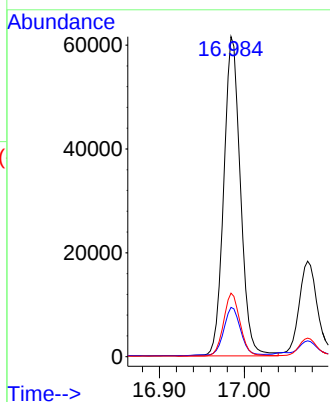
Instrument :
BNA_M
ClientSampled :
C0AZ1



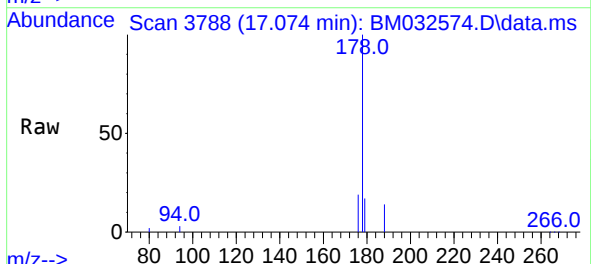
Tgt Ion:	178	Resp:	83626
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	19.9	16.1	24.1

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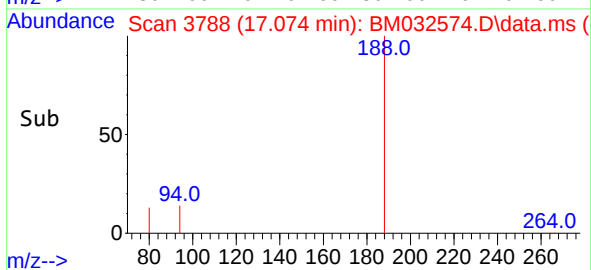
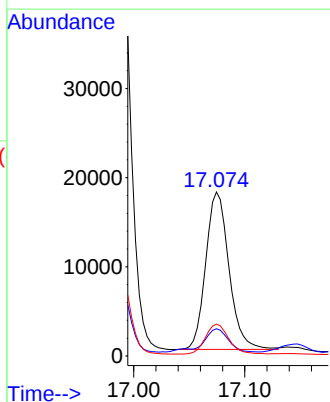
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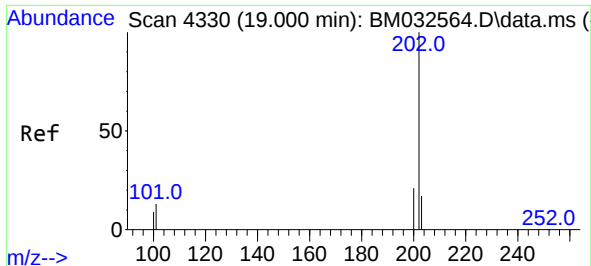


#16
Anthracene
Concen: 0.75 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32



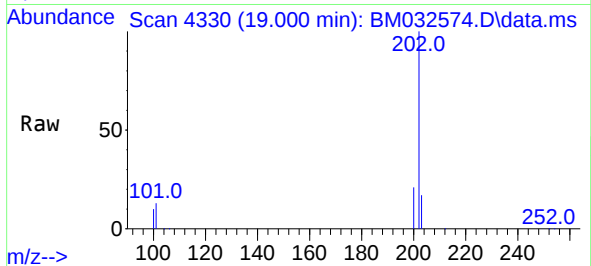
Tgt Ion:	178	Resp:	25676
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.9	19.3
176	19.4	15.8	23.6





#19
Fluoranthene
Concen: 3.71 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

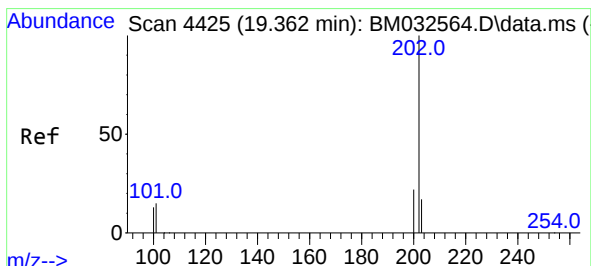
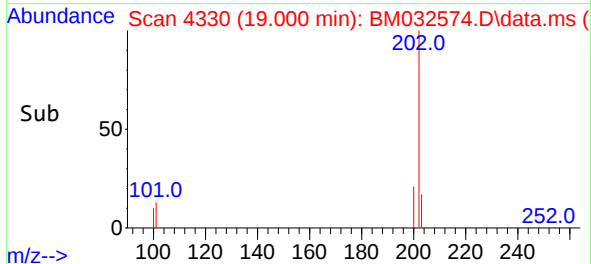
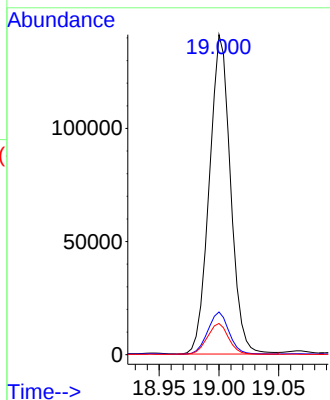
Instrument :
BNA_M
ClientSampleId :
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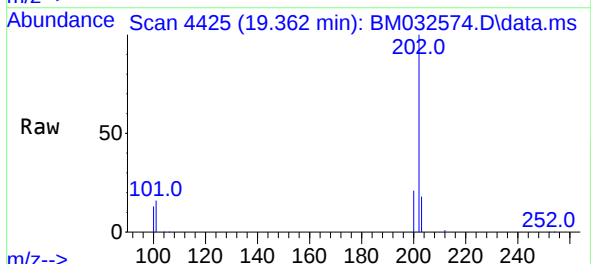
Tgt Ion:202 Resp: 174258
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 9.8 7.8 11.8

Manual Integrations
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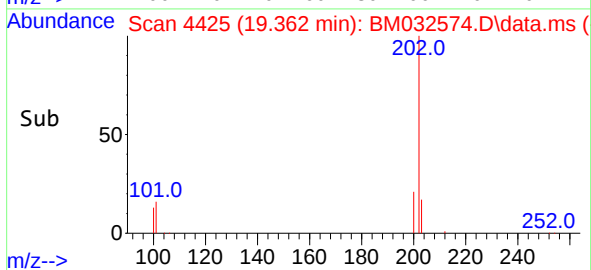
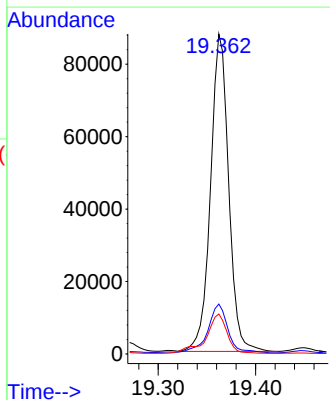
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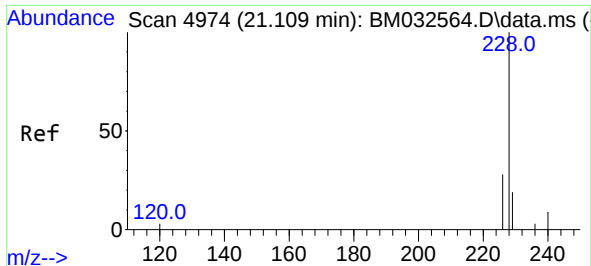


#20
Pyrene
Concen: 2.35 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32



Tgt Ion:202 Resp: 113479
Ion Ratio Lower Upper
202 100
101 15.6 12.3 18.5
100 12.5 10.1 15.1





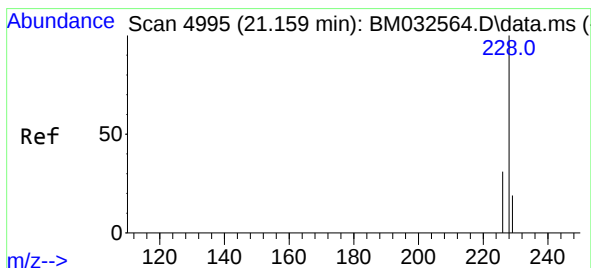
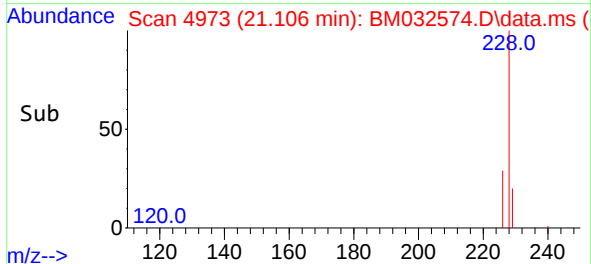
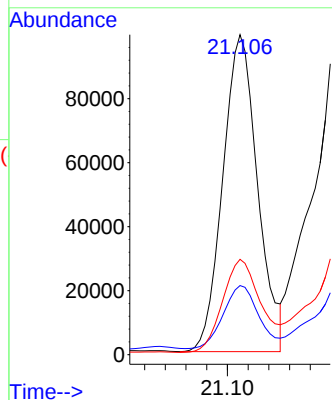
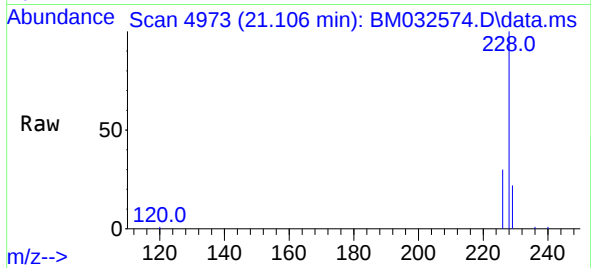
#21
Benzo(a)anthracene
Concen: 3.11 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.003 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:	228	Resp:	115604
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.9	23.9
226	29.8	22.4	33.6

Instrument :
BNA_M
ClientSampleId :
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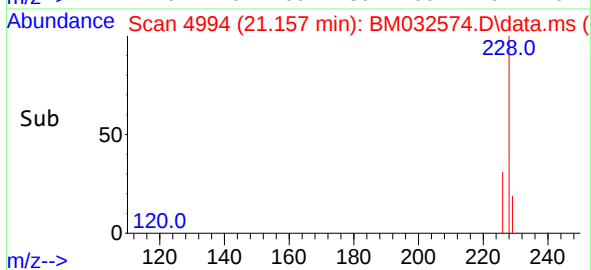
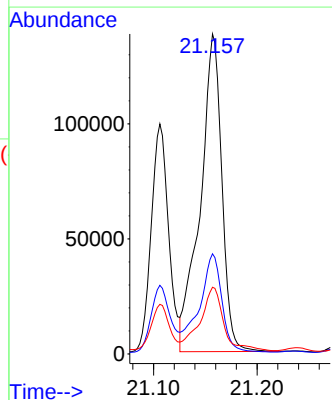
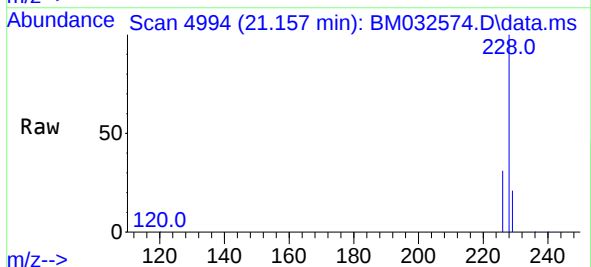
Manual Integrations
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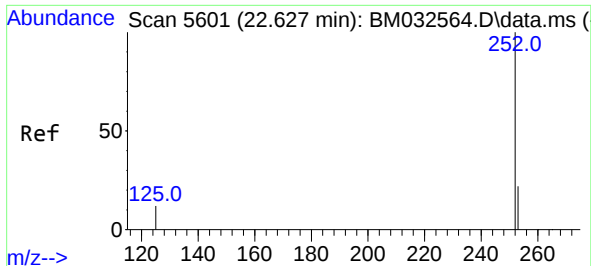
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#22
Chrysene
Concen: 4.90 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:	228	Resp:	200248
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.1	37.7
229	20.8	15.7	23.5





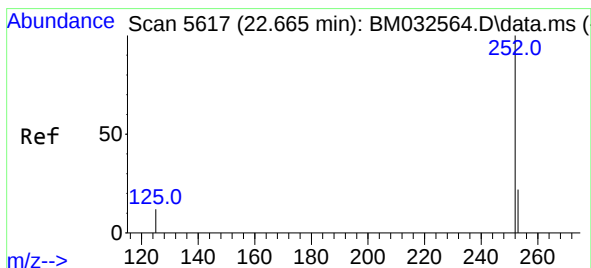
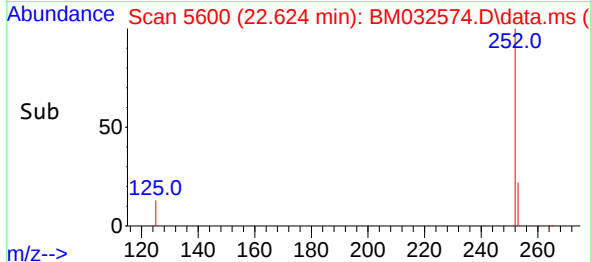
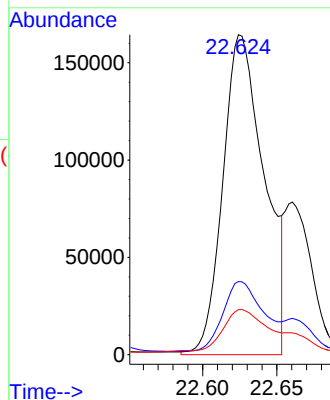
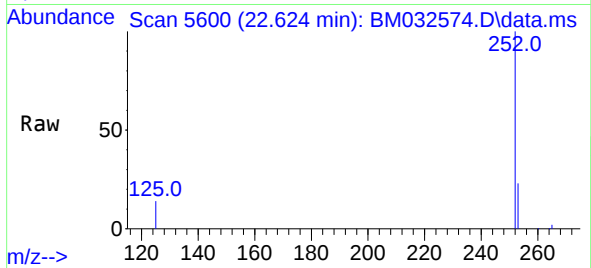
#24
Benzo(b)fluoranthene
Concen: 6.34 ng/ul m
RT: 22.624 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:252 Resp: 319946
Ion Ratio Lower Upper
252 100
253 22.8 0.0 53.8
125 14.1 0.0 35.6

Instrument :
BNA_M
ClientSampled :
C0AZ1

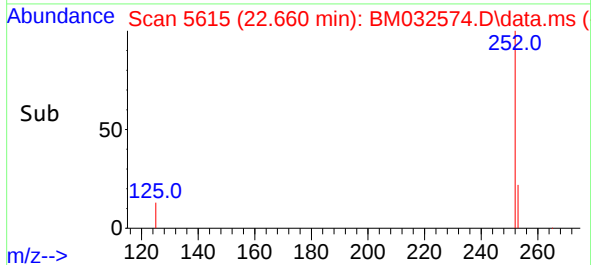
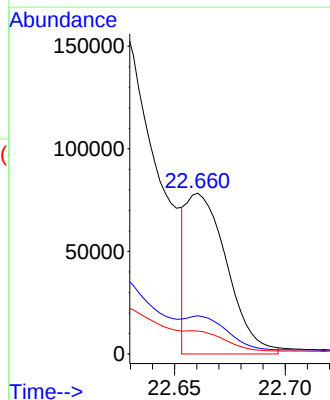
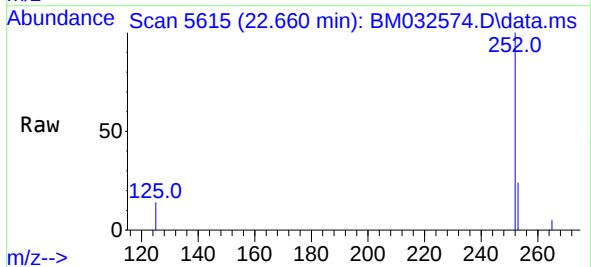
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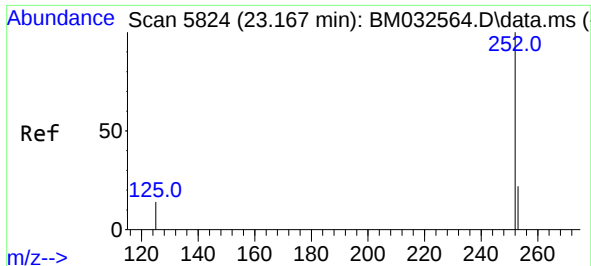
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#25
Benzo(k)fluoranthene
Concen: 1.99 ng/ul m
RT: 22.660 min Scan# 5615
Delta R.T. -0.005 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:252 Resp: 99820
Ion Ratio Lower Upper
252 100
253 23.8 21.8 32.6
125 14.3 14.4 21.6#





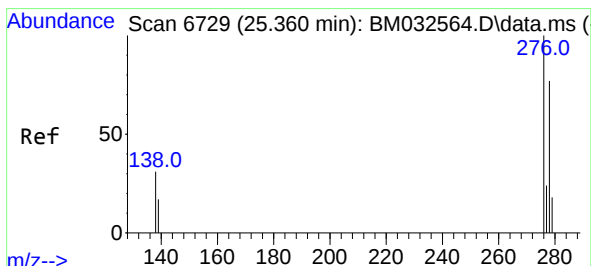
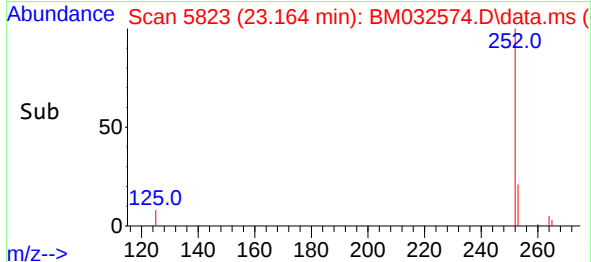
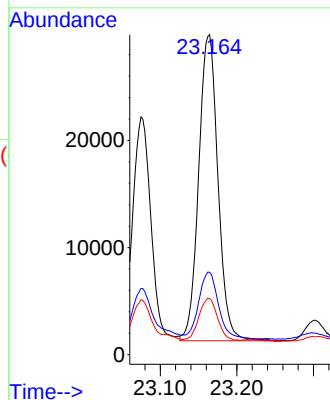
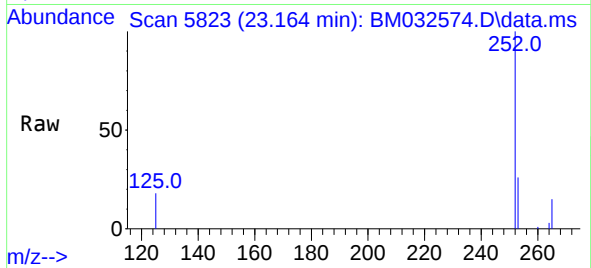
#26
Benzo(a)pyrene
Concen: 1.18 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.003 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:	252	Resp:	49920
Ion Ratio	Lower	Upper	
252	100		
253	25.7	23.6	35.4
125	17.6	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C0AZ1

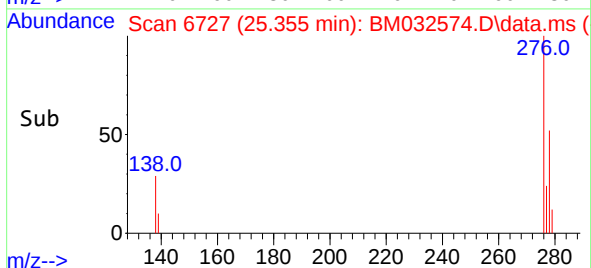
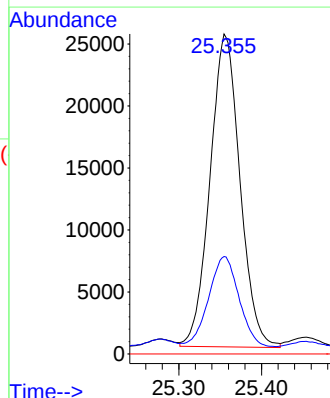
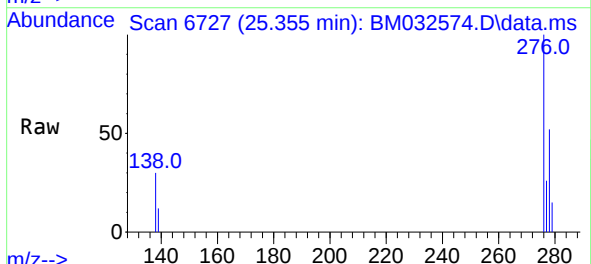
Manual Integrations
APPROVED

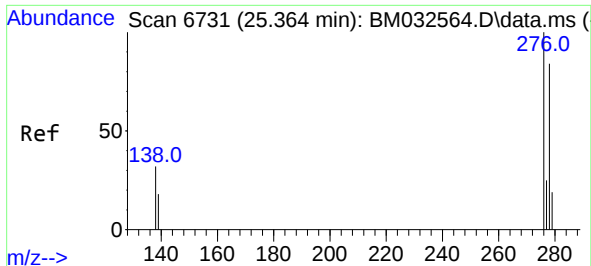
mohammad
10/19/2021 12:10:44 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.23 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.005 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion:	276	Resp:	63420
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.9	37.3
227	0.0	0.0	0.0





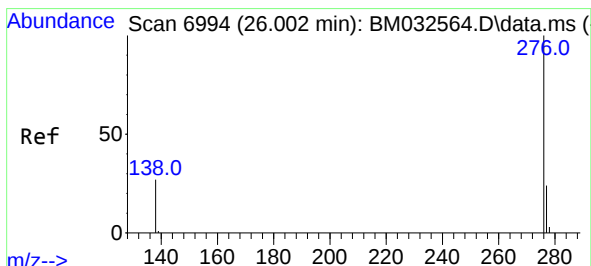
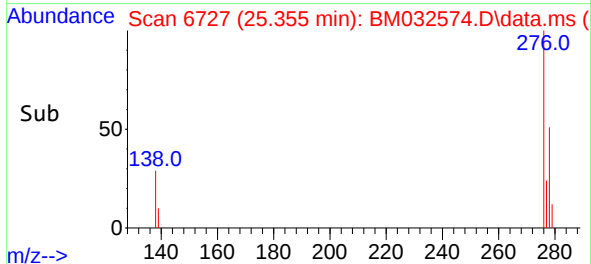
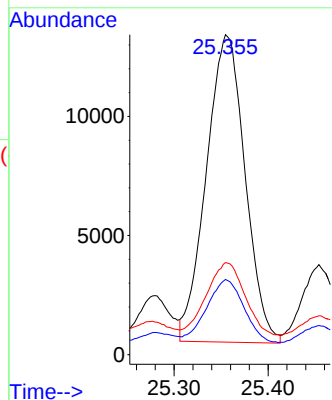
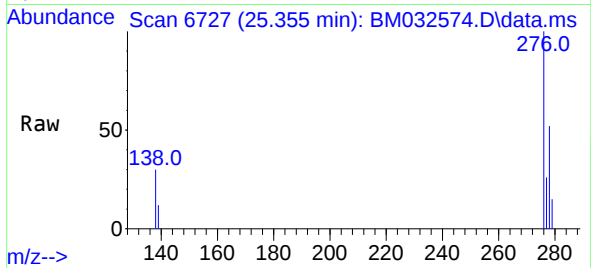
#28
Dibenzo(a,h)anthracene
Concen: 0.91 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.010 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion: 278 Resp: 36936
Ion Ratio Lower Upper
278 100
139 23.5 18.6 28.0
279 28.8 22.0 33.0

Instrument :
BNA_M
ClientSampleId :
C0AZ1

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:44 PM



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.002 min Scan# 6994
Delta R.T. -0.000 min
Lab File: BM032574.D
Acq: 18 Oct 2021 15:32

Tgt Ion: 276 Resp: 3060
Ion Ratio Lower Upper
276 100
138 50.1 22.6 33.8#
277 45.9 19.9 29.9#

