

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032526.D
 Acq On : 15 Oct 2021 15:19
 Operator : CG/JU
 Sample : M4029-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00Q4

Manual Integrations
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Quant Time: Oct 15 16:14:07 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5103	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	16300	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8376	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	15397	0.40	ng/ul	0.00
17) Chrysene-d12	21.128	240	9266	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	8112	0.40	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	14003	2.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	3275	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	5823	0.20	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.393	128	1985	0.04	ng/ul#	87
7) 2-Methylnaphthalene	12.012	142	1017	0.03	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	765	0.02	ng/ul	97
10) Acenaphthylene	13.933	152	2574	0.07	ng/ul	94
11) Acenaphthene	14.278	153	2621	0.08	ng/ul	97
12) Fluorene	15.263	166	7094	0.19	ng/ul	99
15) Phenanthrene	16.991	178	74904	1.45	ng/ul	99
16) Anthracene	17.081	178	18211	0.40	ng/ul	99
19) Fluoranthene	19.008	202	108176	2.36	ng/ul	98
20) Pyrene	19.370	202	87880	1.86	ng/ul	98
21) Benzo(a)anthracene	21.113	228	31079	0.86	ng/ul	99
22) Chrysene	21.164	228	31115	0.78	ng/ul	98
24) Benzo(b)fluoranthene	22.634	252	31803m	0.85	ng/ul	
25) Benzo(k)fluoranthene	22.670	252	14346m	0.38	ng/ul	
26) Benzo(a)pyrene	23.174	252	24283	0.77	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.372	276	14468	0.38	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.374	278	3495	0.12	ng/ul#	72
29) Benzo(g,h,i)perylene	26.016	276	12703	0.38	ng/ul	98

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

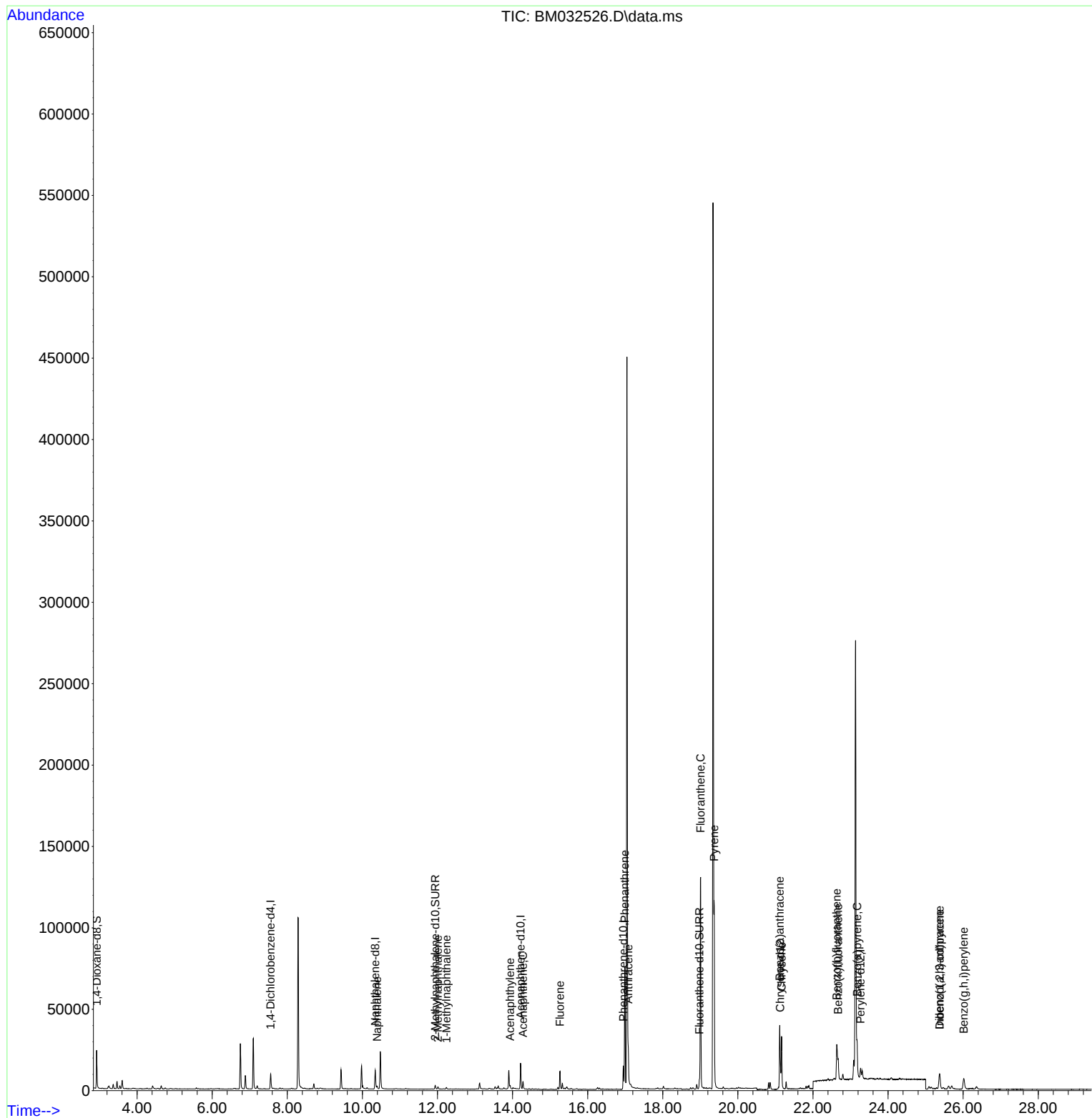
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Data File : BM032526.D
Acq On : 15 Oct 2021 15:19
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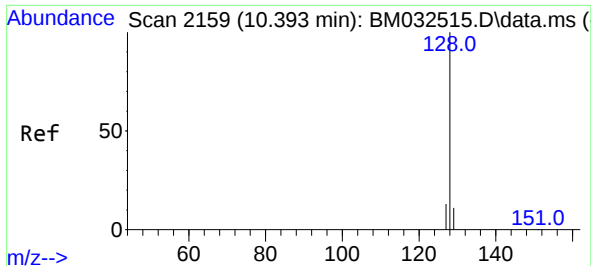
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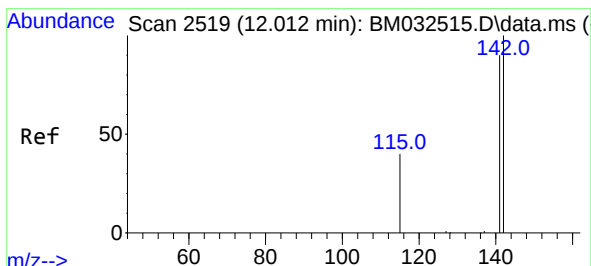
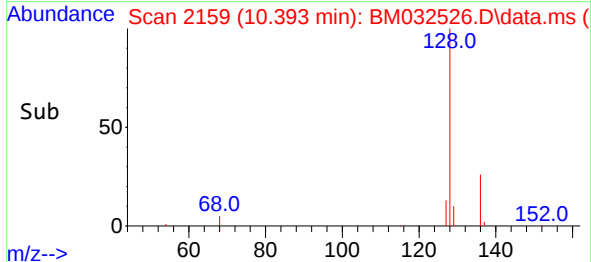
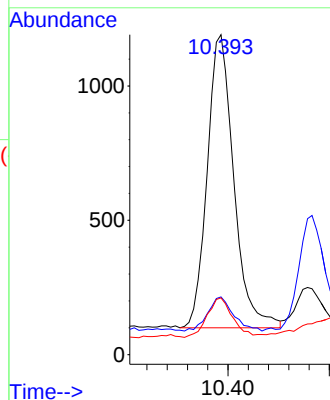
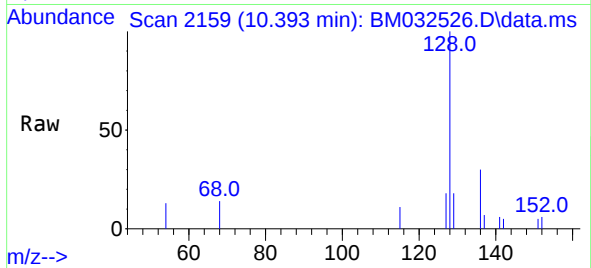
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:128 Resp: 1985
Ion Ratio Lower Upper
128 100
129 18.1 9.1 13.7#
127 17.7 11.1 16.7#

Instrument :
BNA_M
ClientSampled :
C00Q4

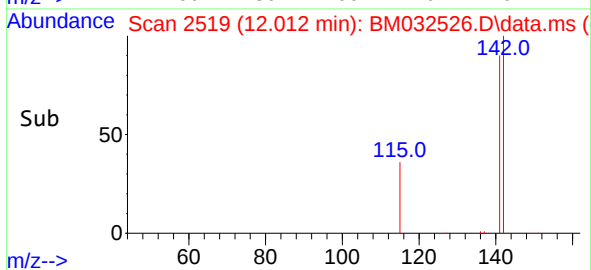
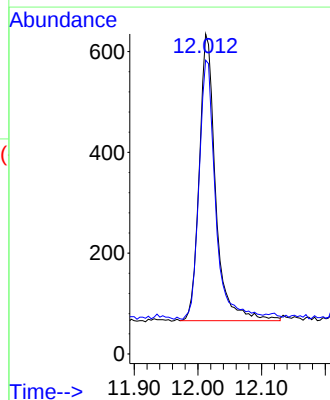
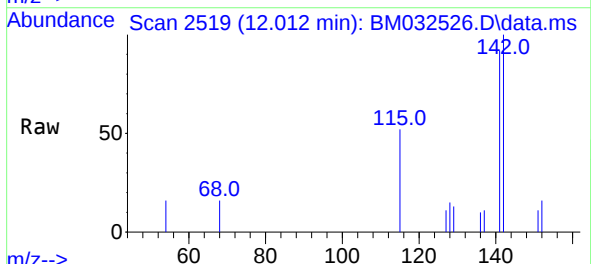
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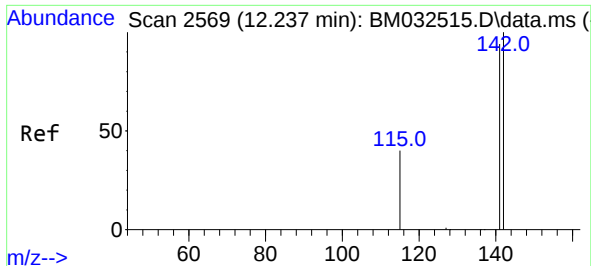
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#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:142 Resp: 1017
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2





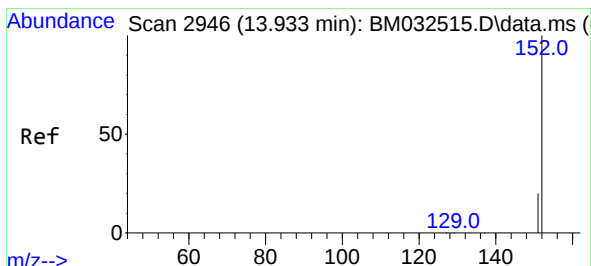
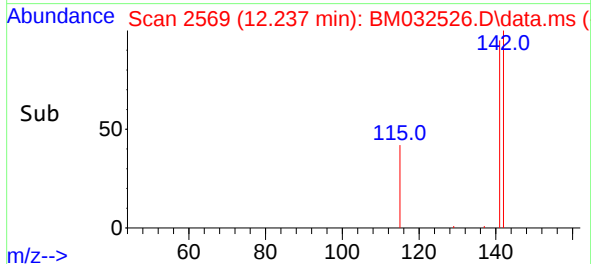
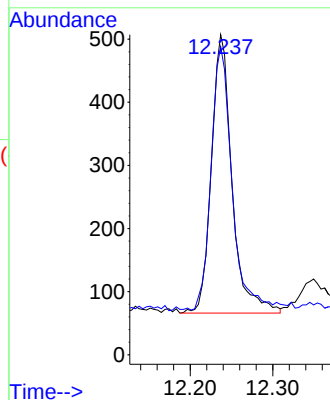
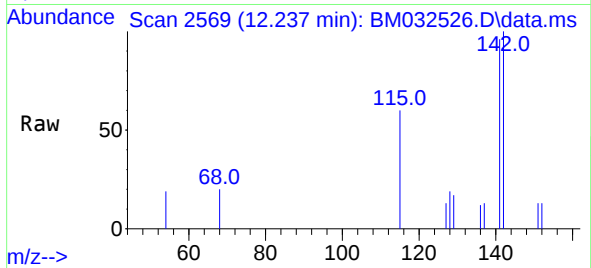
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
142 100
141 96.3 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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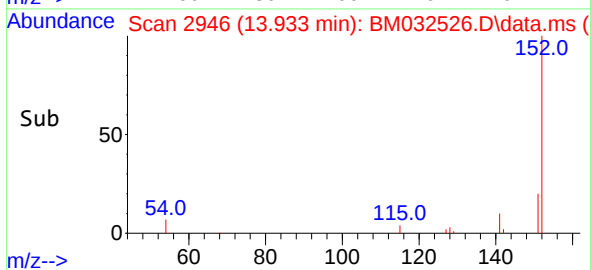
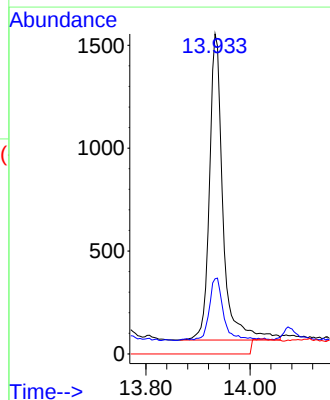
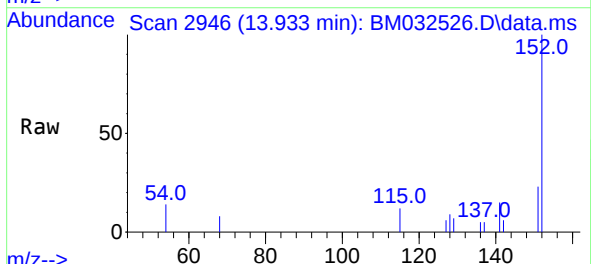
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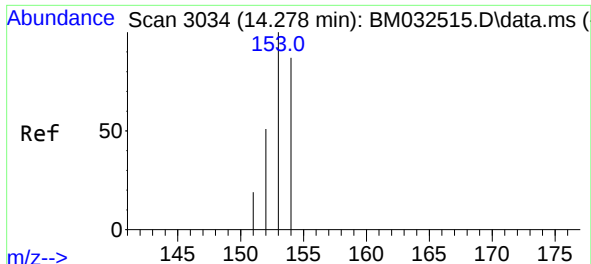
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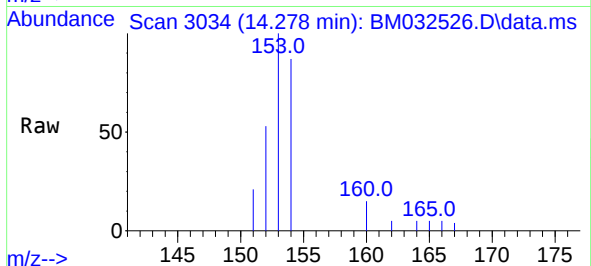
#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:152 Resp: 2574
Ion Ratio Lower Upper
152 100
151 23.5 16.7 25.1
153 0.0 0.0 0.0

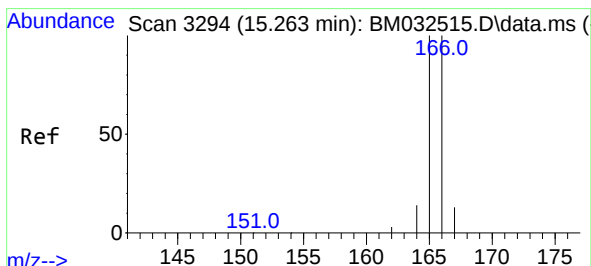
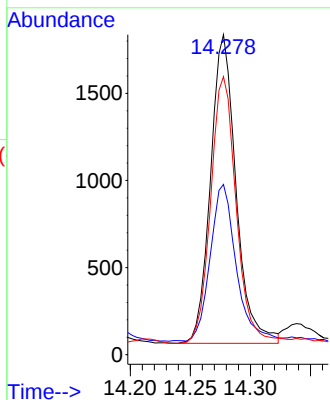
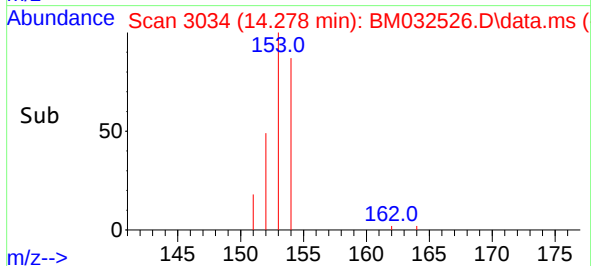




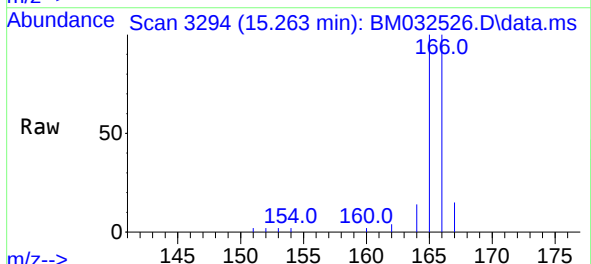
#11
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



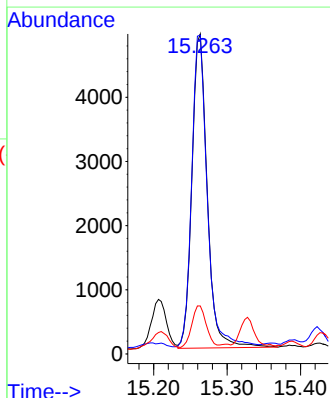
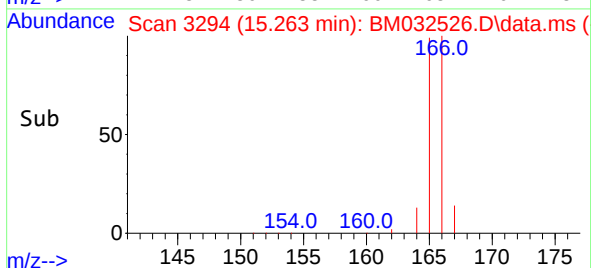
Tgt Ion:153 Resp: 2621
Ion Ratio Lower Upper
153 100
152 53.2 40.4 60.6
154 86.9 70.8 106.2



#12
Fluorene
Concen: 0.19 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



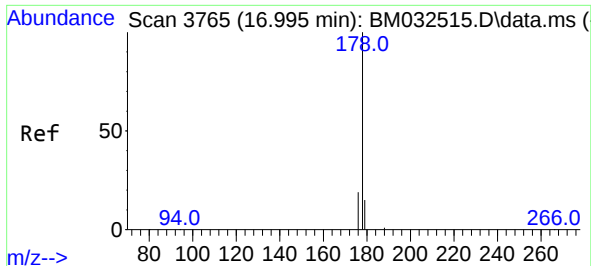
Tgt Ion:166 Resp: 7094
Ion Ratio Lower Upper
166 100
165 99.6 80.7 121.1
167 15.0 11.2 16.8



Instrument :
BNA_M
ClientSampled :
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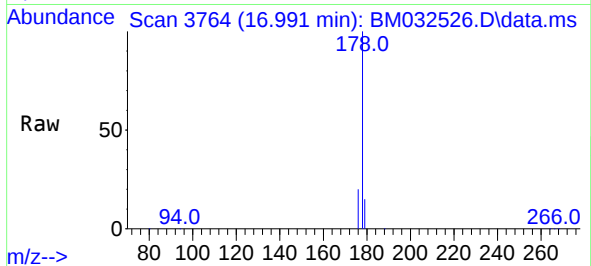
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#15
Phenanthrene
Concen: 1.45 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

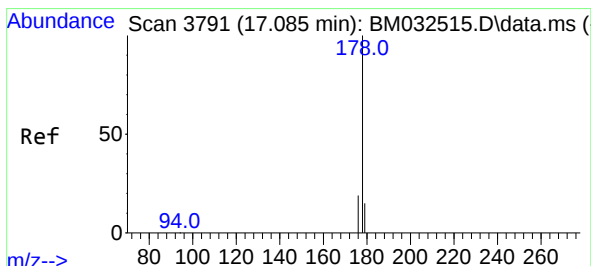
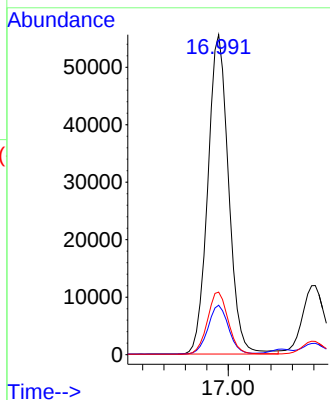
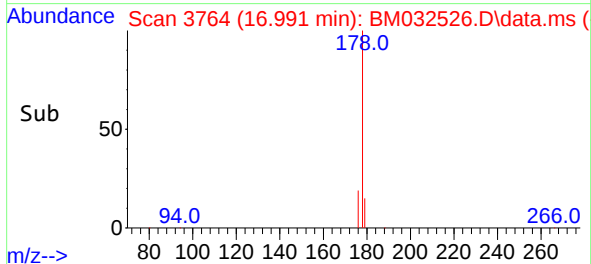
Instrument :
BNA_M
ClientSampled :
C00Q4



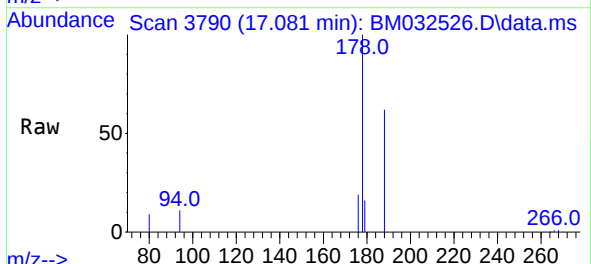
Tgt Ion:178 Resp: 74904
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.5 16.1 24.1

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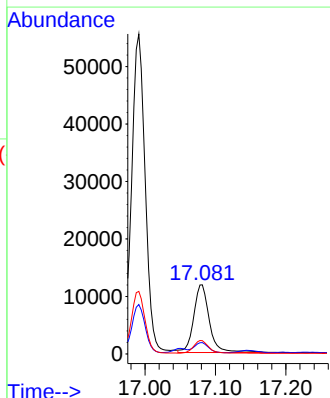
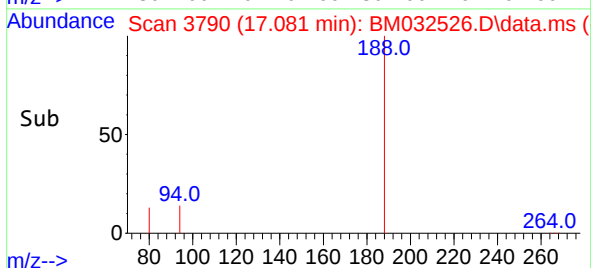
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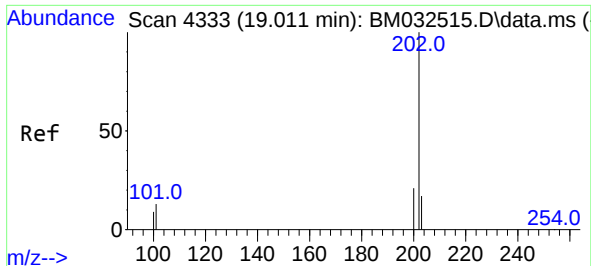


#16
Anthracene
Concen: 0.40 ng/ul
RT: 17.081 min Scan# 3790
Delta R.T. -0.003 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



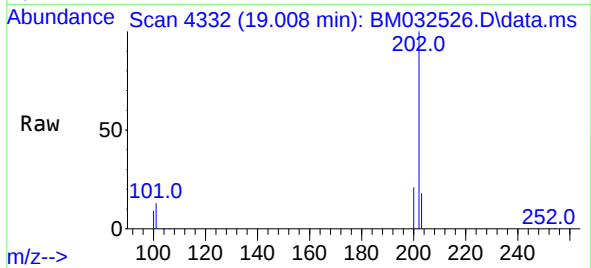
Tgt Ion:178 Resp: 18211
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.008 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

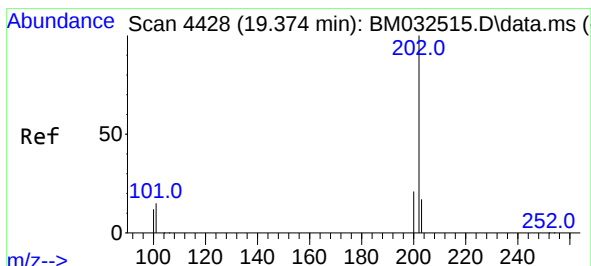
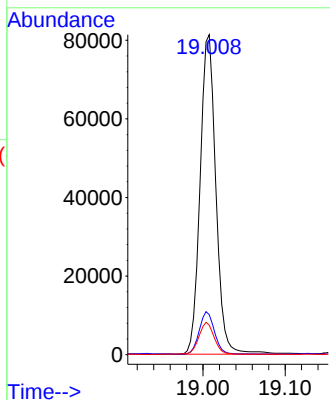
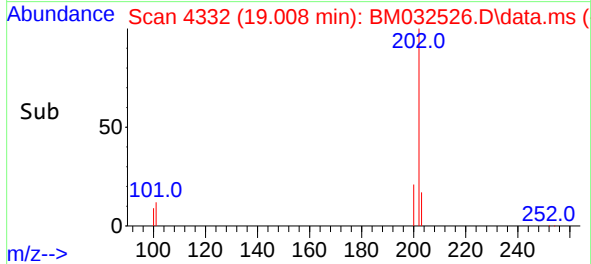
Instrument :
BNA_M
ClientSampled :
C00Q4



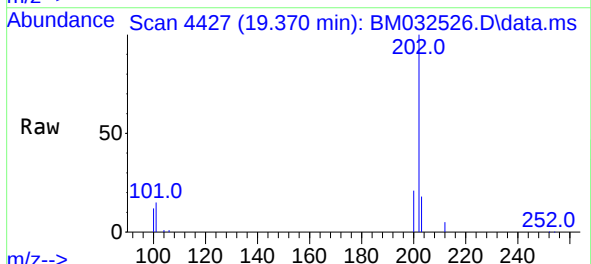
Tgt Ion:202 Resp: 108176
Ion Ratio Lower Upper
202 100
101 12.5 10.6 16.0
100 9.3 7.8 11.8

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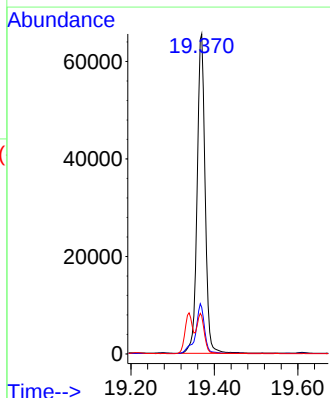
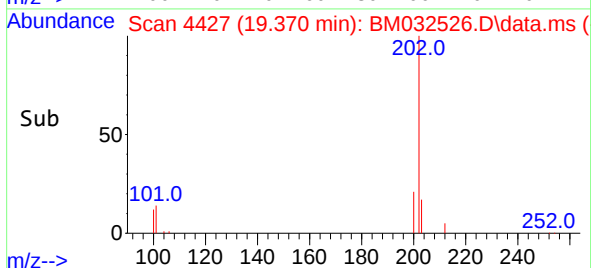
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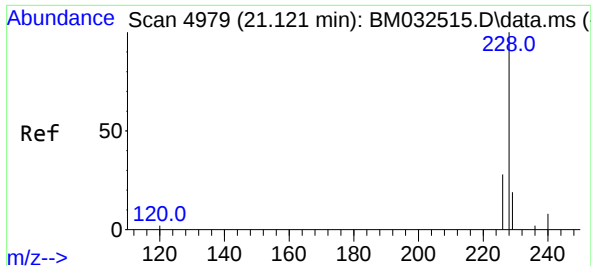


#20
Pyrene
Concen: 1.86 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



Tgt Ion:202 Resp: 87880
Ion Ratio Lower Upper
202 100
101 14.6 12.3 18.5
100 11.9 10.1 15.1





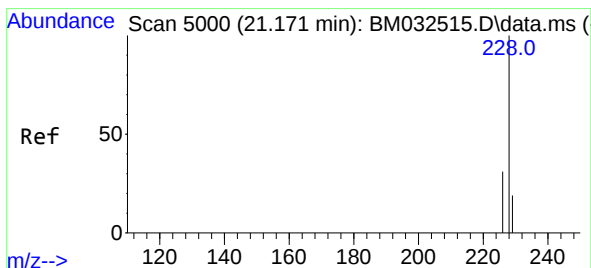
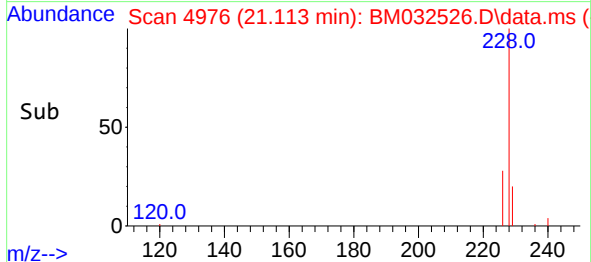
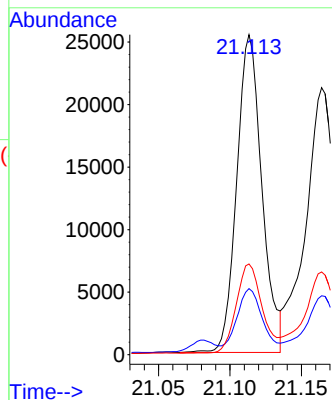
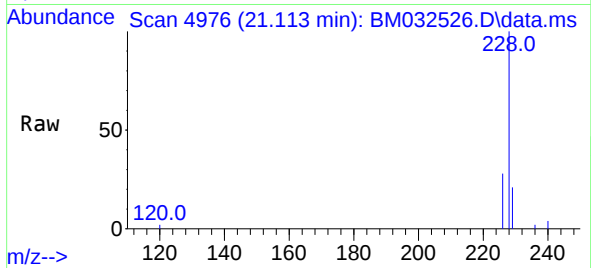
#21
Benzo(a)anthracene
Concen: 0.86 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:	228	Resp:	31079
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.4	22.4	33.6

Instrument :
BNA_M
ClientSampled :
C00Q4

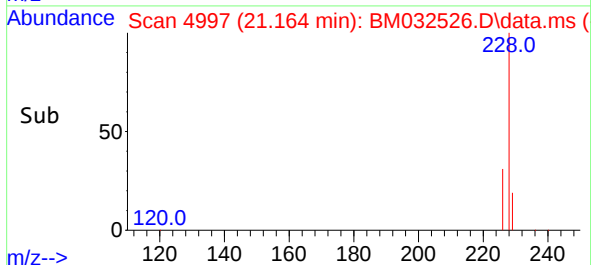
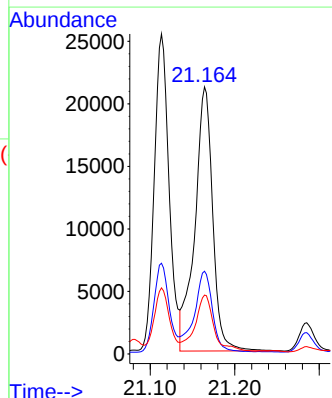
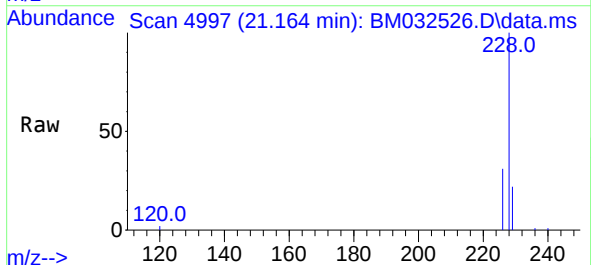
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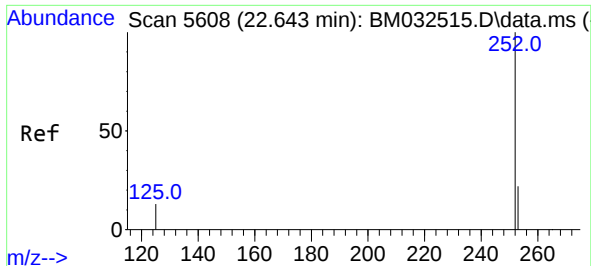
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#22
Chrysene
Concen: 0.78 ng/ul
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:	228	Resp:	31115
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.1	37.7
229	22.0	15.7	23.5





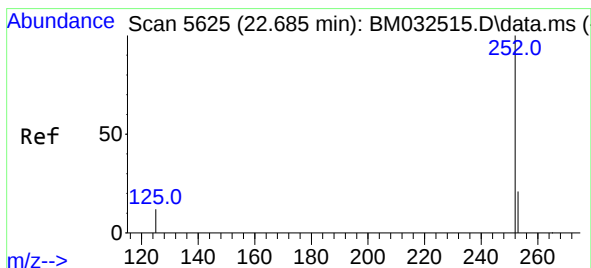
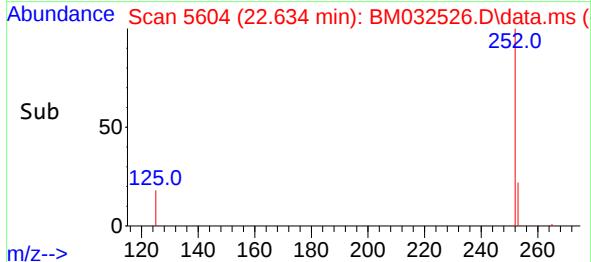
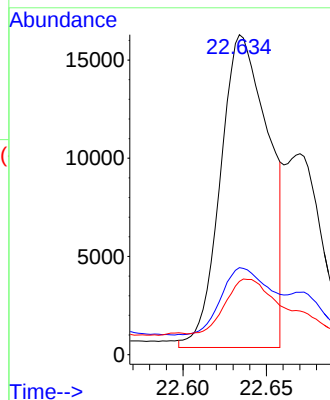
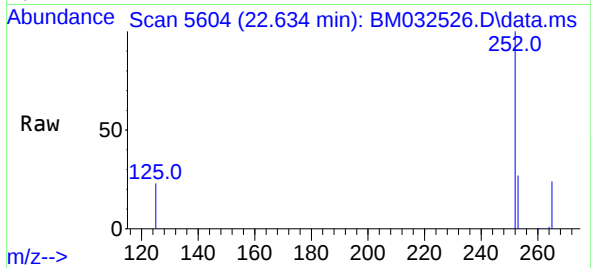
#24
Benzo(b)fluoranthene
Concen: 0.85 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:252	Resp:	31803
Ion Ratio	Lower	Upper
252	100	
253	27.2	0.0 53.8
125	22.9	0.0 35.6

Instrument :
BNA_M
ClientSampled :
C00Q4

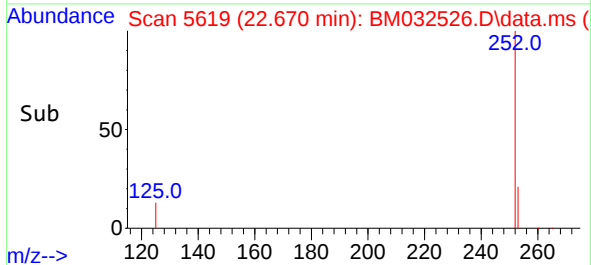
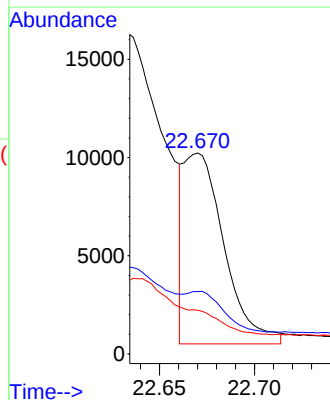
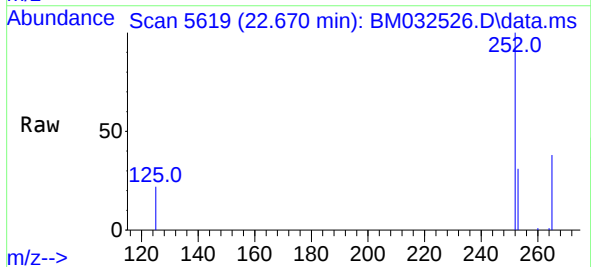
Manual Integrations
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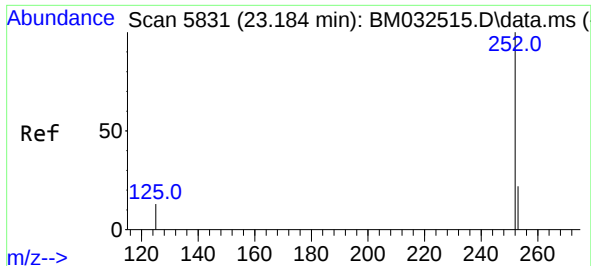
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#25
Benzo(k)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. -0.015 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:252	Resp:	14346
Ion Ratio	Lower	Upper
252	100	
253	31.1	21.8 32.6
125	21.7	14.4 21.6#





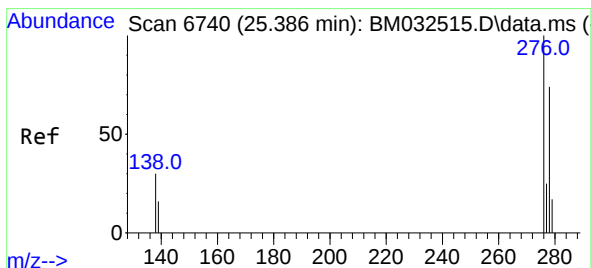
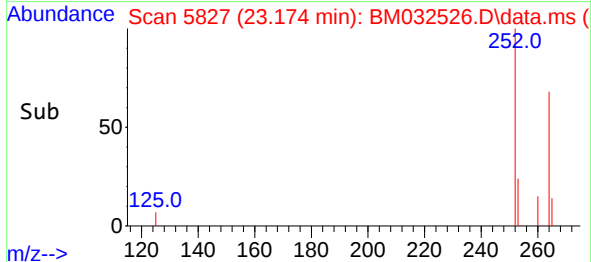
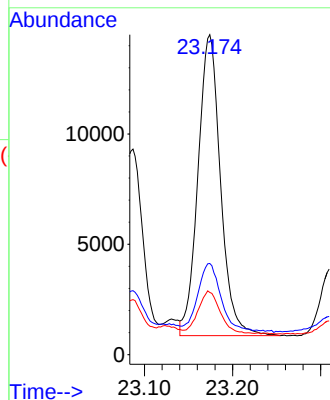
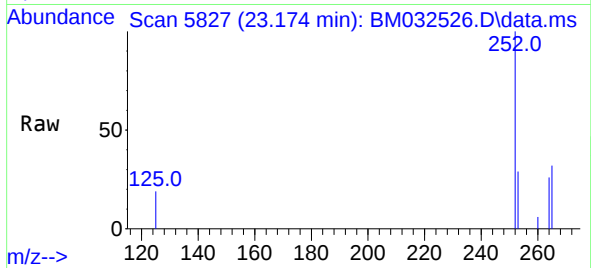
#26
Benzo(a)pyrene
Concen: 0.77 ng/u1
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:	252	Resp:	24283
Ion Ratio	Lower	Upper	
252	100		
253	28.5	23.6	35.4
125	19.5	17.1	25.7

Instrument :
BNA_M
ClientSampled :
C00Q4

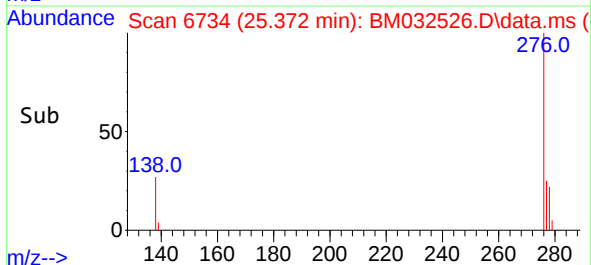
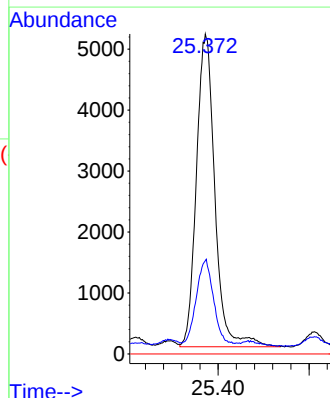
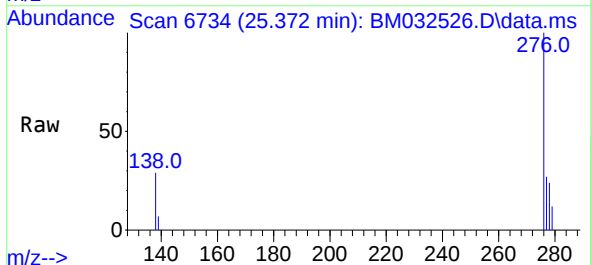
Manual Integrations
APPROVED

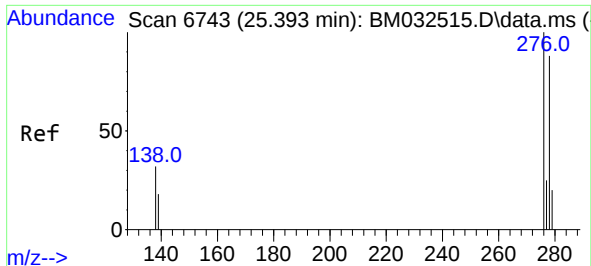
mohammad
10/18/2021 12:41:24 PM



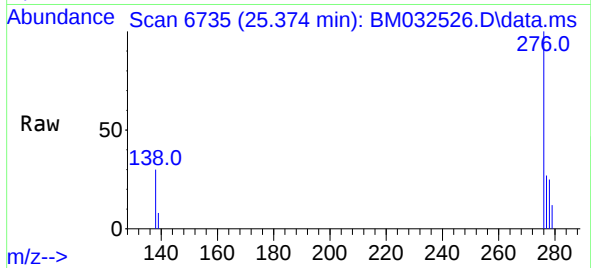
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/u1
RT: 25.372 min Scan# 6734
Delta R.T. -0.015 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19

Tgt Ion:	276	Resp:	14468
Ion Ratio	Lower	Upper	
276	100		
138	26.0	24.9	37.3
227	0.0	0.0	0.0

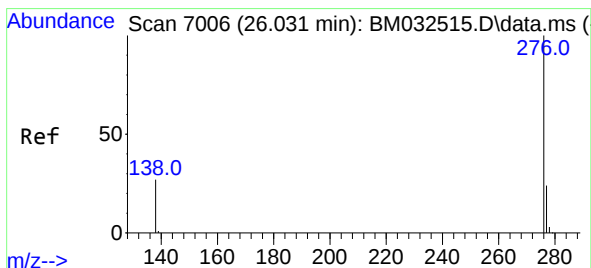
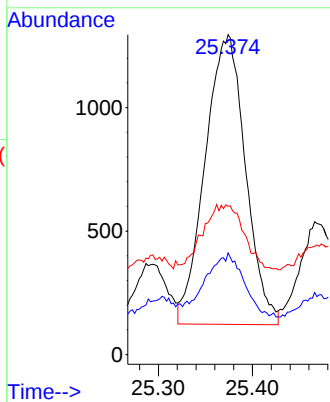
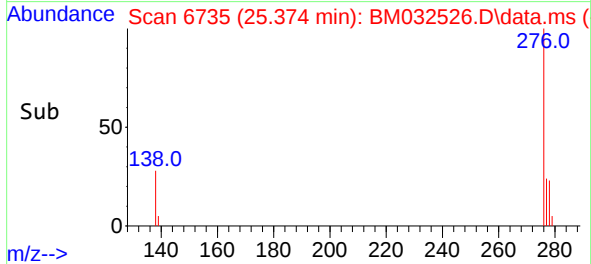




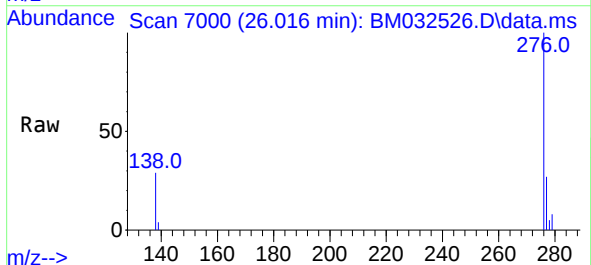
#28
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



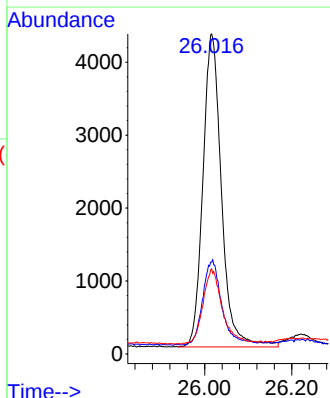
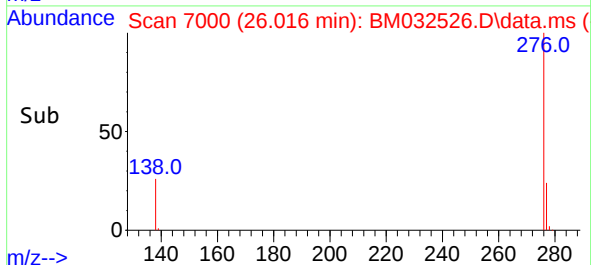
Tgt Ion: 278 Resp: 3495
Ion Ratio Lower Upper
278 100
139 31.8 18.6 28.0#
279 46.4 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.016 min Scan# 7000
Delta R.T. -0.015 min
Lab File: BM032526.D
Acq: 15 Oct 2021 15:19



Tgt Ion: 276 Resp: 12703
Ion Ratio Lower Upper
276 100
138 28.7 22.6 33.8
277 26.6 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00Q4

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:24 PM