

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032576.D
 Acq On : 18 Oct 2021 16:46
 Operator : CG/JU
 Sample : M4181-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Manual Integrations
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Quant Time: Oct 18 17:16:25 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	7.553	152	5164	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	14990	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6668	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	11906	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	9518	0.40	ng/ul	0.00
23) Perylene-d12	23.257	264	9930	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	13145	2.27	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	3335	0.17	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	5325	0.18	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.384	128	2663	0.06	ng/ul#	91
7) 2-Methylnaphthalene	12.008	142	1569	0.05	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1187	0.04	ng/ul	98
10) Acenaphthylene	13.928	152	1794	0.06	ng/ul	91
11) Acenaphthene	14.274	153	729	0.03	ng/ul	96
12) Fluorene	15.256	166	1301	0.04	ng/ul#	98
15) Phenanthrene	16.984	178	29459	0.74	ng/ul	99
16) Anthracene	17.075	178	6284	0.18	ng/ul	97
19) Fluoranthene	19.000	202	61226	1.30	ng/ul	99
20) Pyrene	19.362	202	22459	0.46	ng/ul	99
21) Benzo(a)anthracene	21.106	228	22834	0.61	ng/ul	98
22) Chrysene	21.157	228	23487	0.57	ng/ul	98
24) Benzo(b)fluoranthene	22.624	252	29451m	0.64	ng/ul	
25) Benzo(k)fluoranthene	22.661	252	13771m	0.30	ng/ul	
26) Benzo(a)pyrene	23.164	252	5190	0.13	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.355	276	6827	0.15	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.357	278	3662	0.10	ng/ul#	69

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

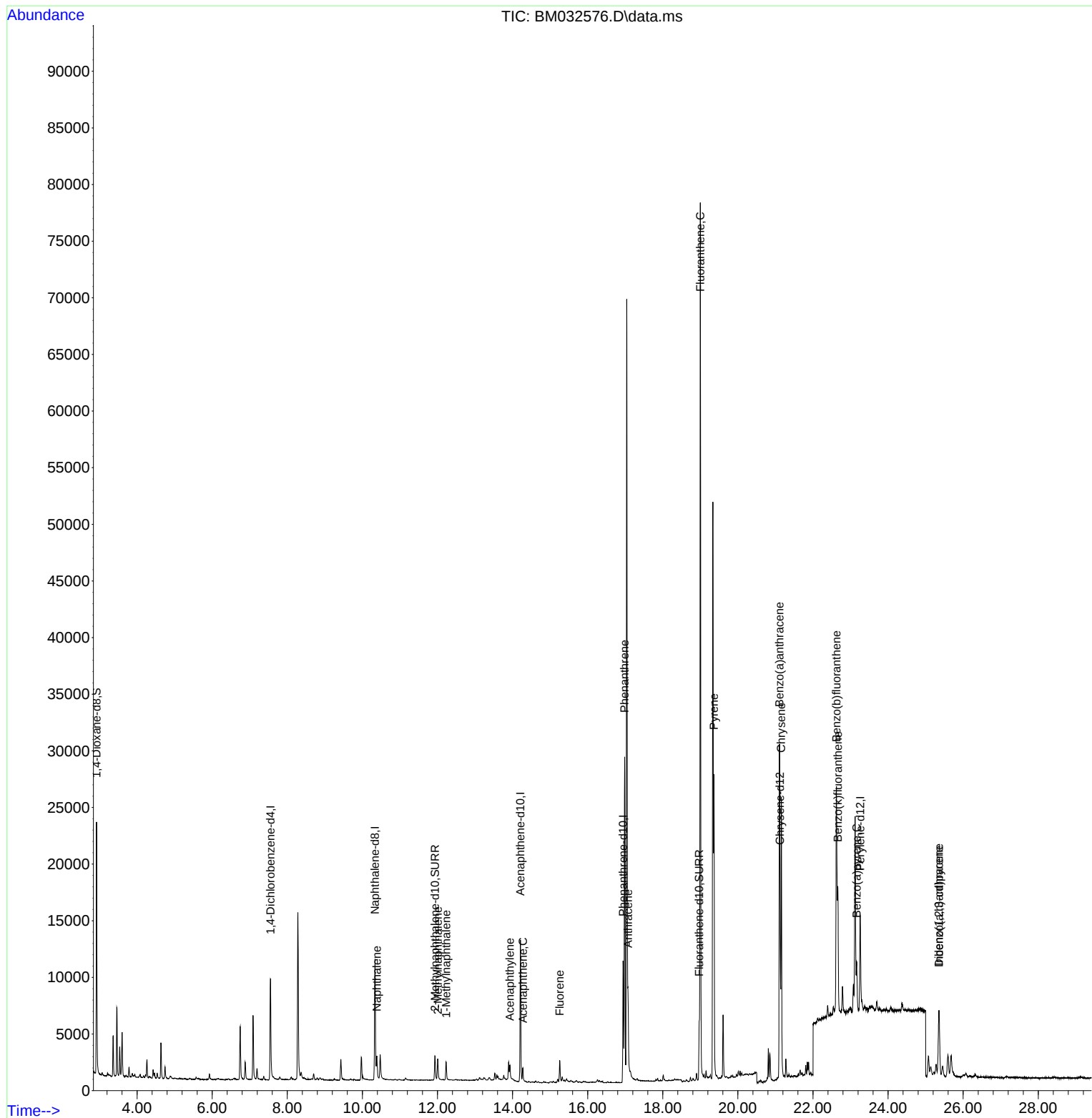
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Data File : BM032576.D
Acq On : 18 Oct 2021 16:46
Operator : CG/JU
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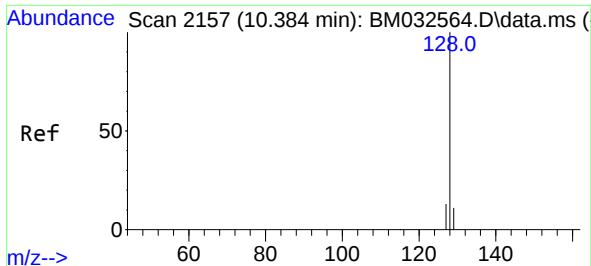
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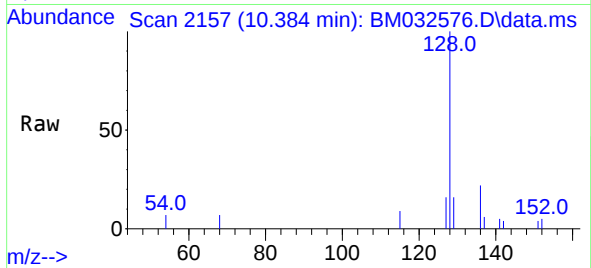
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Quant Time: Oct 18 17:16:25 2021
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QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

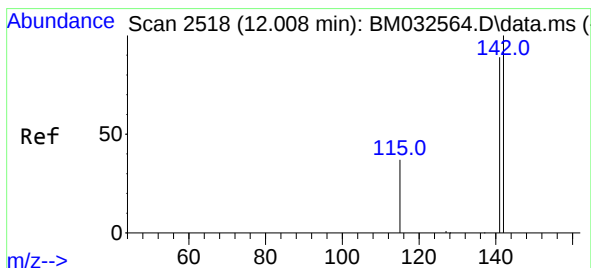
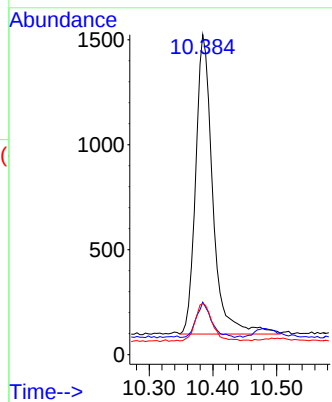
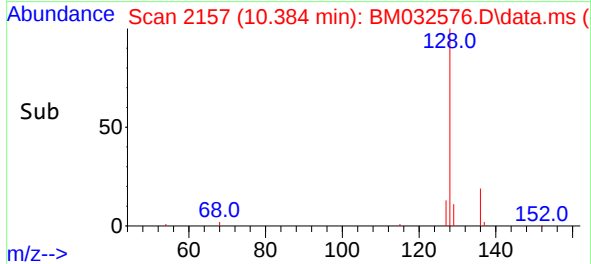




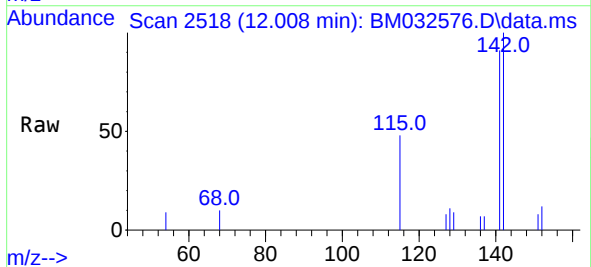
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46



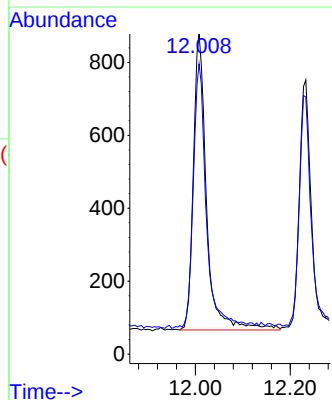
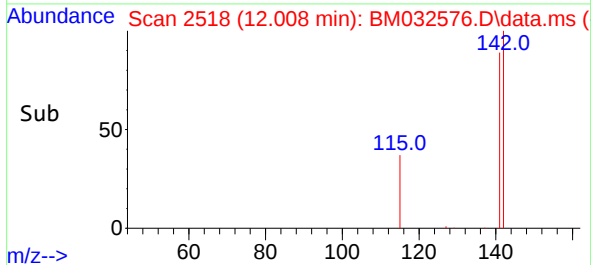
Tgt Ion:128 Resp: 2663
Ion Ratio Lower Upper
128 100
129 16.4 9.1 13.7#
127 16.0 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46



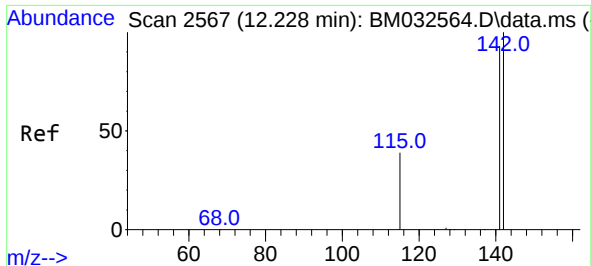
Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2



Instrument :
BNA_M
ClientSampled :
C0B07

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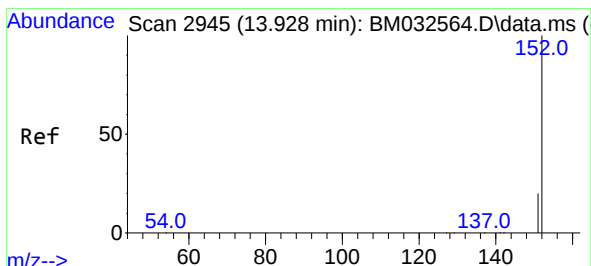
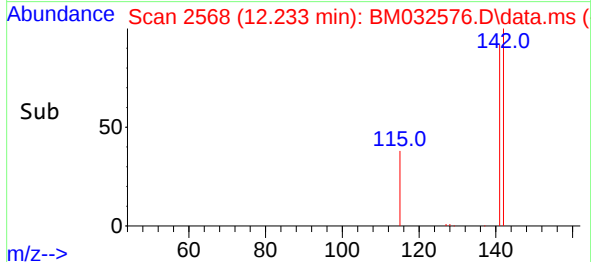
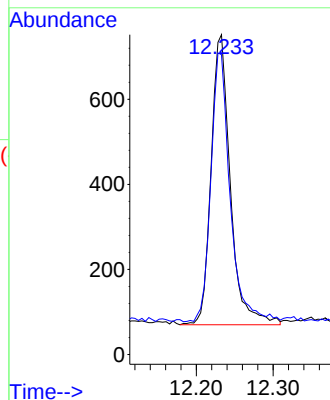
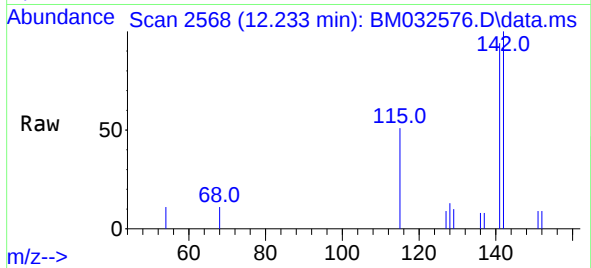
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1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. 0.004 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:142 Resp: 1187
Ion Ratio Lower Upper
142 100
141 91.7 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C0B07

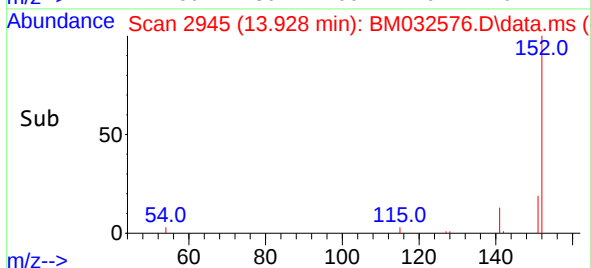
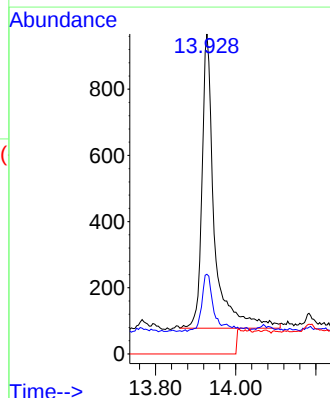
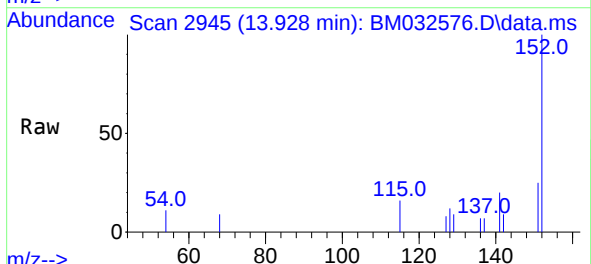
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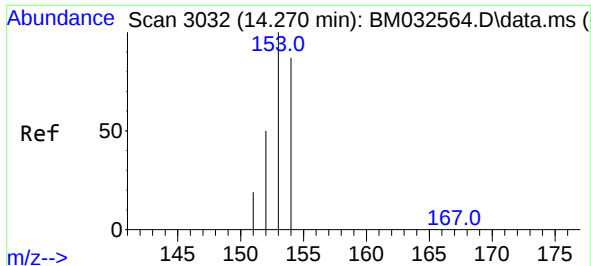
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#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:152 Resp: 1794
Ion Ratio Lower Upper
152 100
151 24.9 16.7 25.1
153 0.0 0.0 0.0





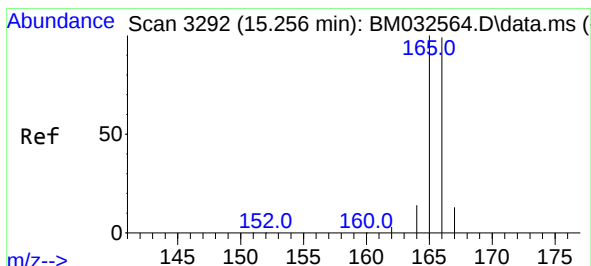
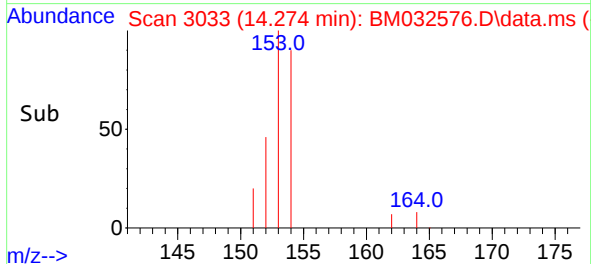
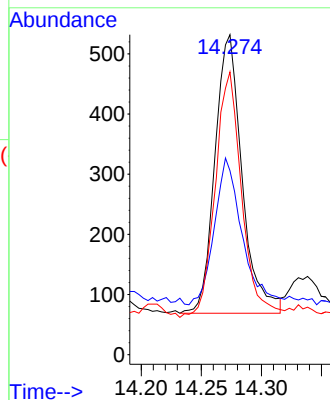
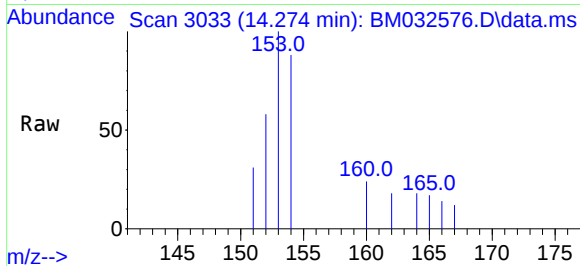
#11
Acenaphthene
Concen: 0.03 ng/u1
RT: 14.274 min Scan# 3033
Delta R.T. 0.004 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:153 Resp: 729
Ion Ratio Lower Upper
153 100
152 57.5 40.4 60.6
154 88.3 70.8 106.2

Instrument :
BNA_M
ClientSampled :
C0B07

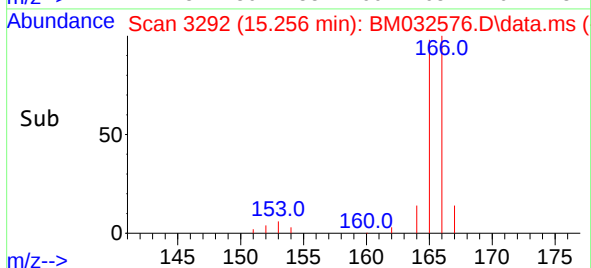
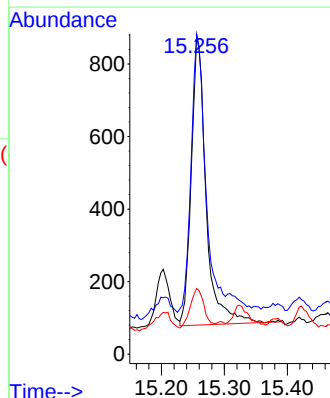
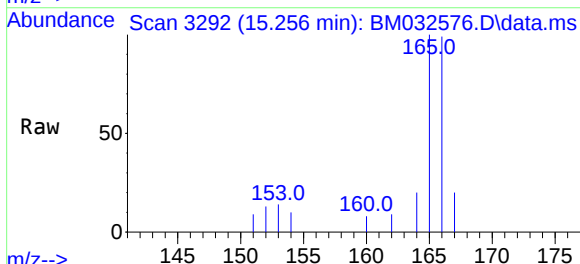
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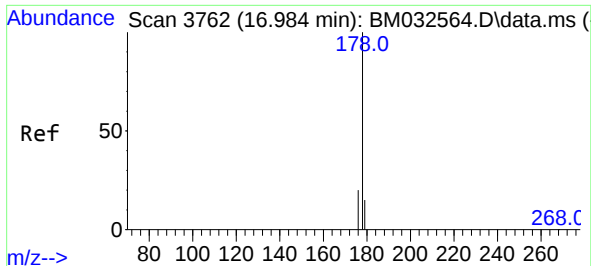
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#12
Fluorene
Concen: 0.04 ng/u1
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

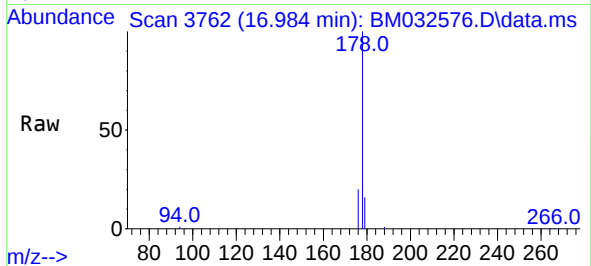
Tgt Ion:166 Resp: 1301
Ion Ratio Lower Upper
166 100
165 101.0 80.7 121.1
167 20.7 11.2 16.8#





#15
Phenanthrene
Concen: 0.74 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

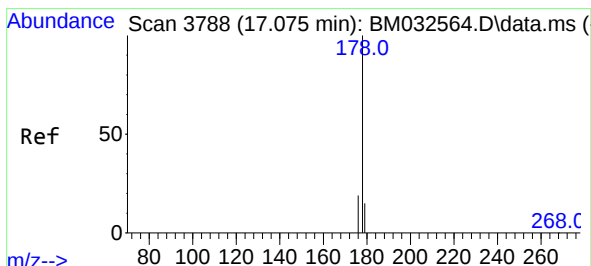
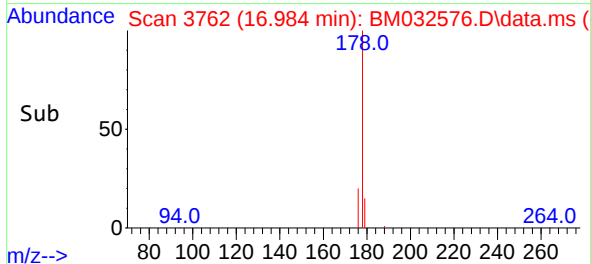
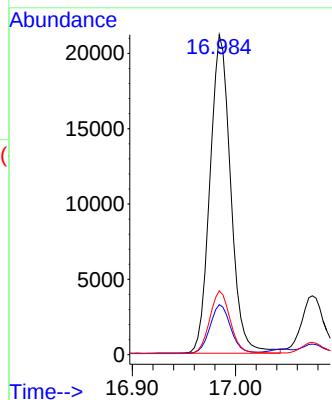
Instrument :
BNA_M
ClientSampled :
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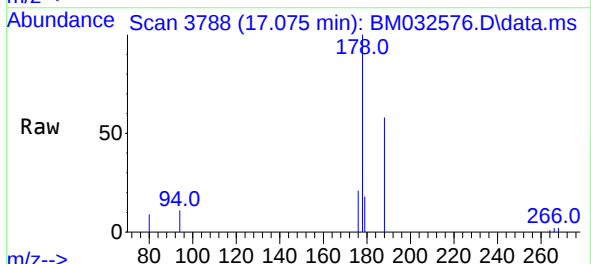
Tgt Ion:	178	Resp:	29459
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	20.0	16.1	24.1

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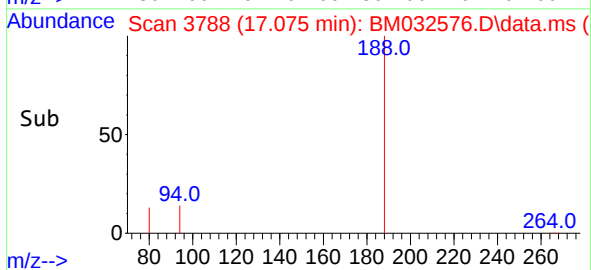
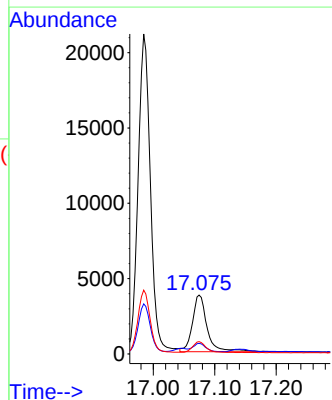
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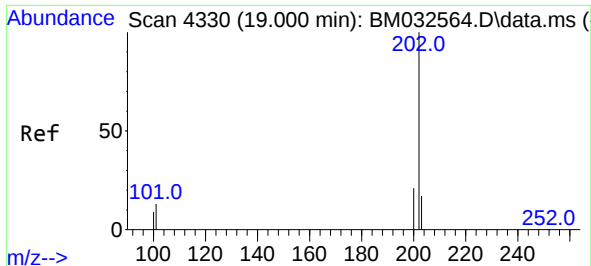


#16
Anthracene
Concen: 0.18 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46



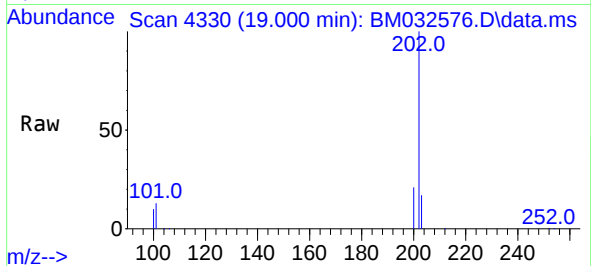
Tgt Ion:	178	Resp:	6284
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.9	19.3
176	20.9	15.8	23.6





#19
Fluoranthene
Concen: 1.30 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

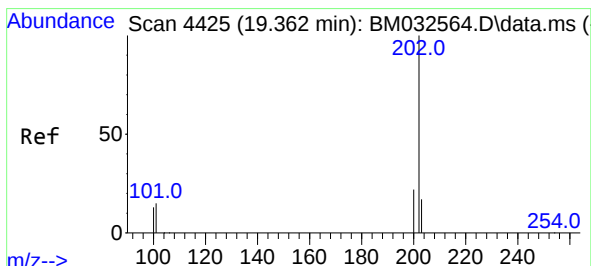
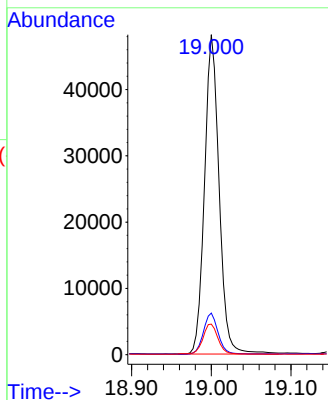
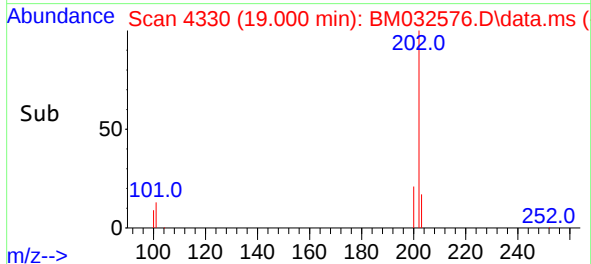
Instrument :
BNA_M
ClientSampled :
C0B07



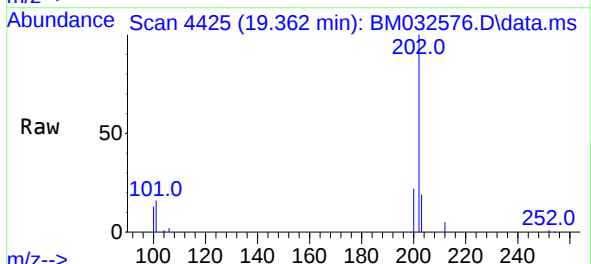
Tgt Ion:202 Resp: 61226
Ion Ratio Lower Upper
202 100
101 13.0 10.6 16.0
100 9.5 7.8 11.8

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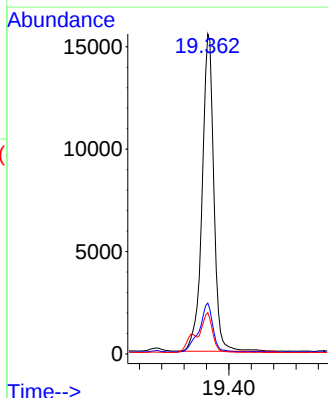
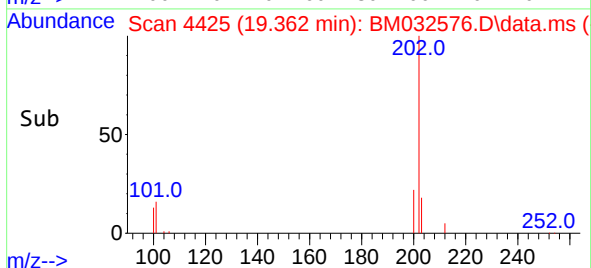
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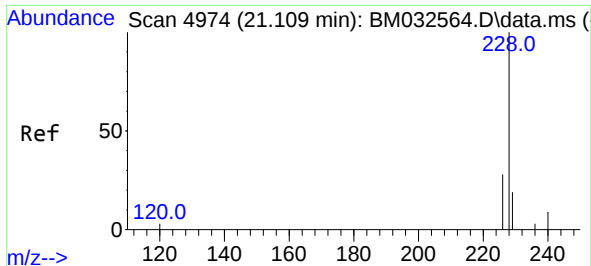


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Pyrene
Concen: 0.46 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46



Tgt Ion:202 Resp: 22459
Ion Ratio Lower Upper
202 100
101 15.9 12.3 18.5
100 12.9 10.1 15.1





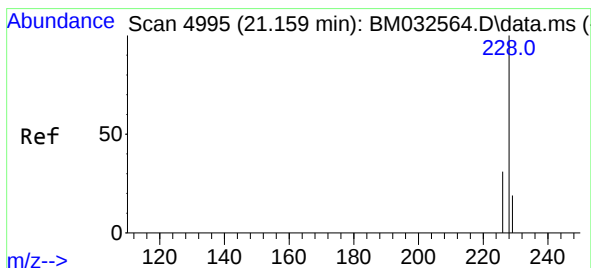
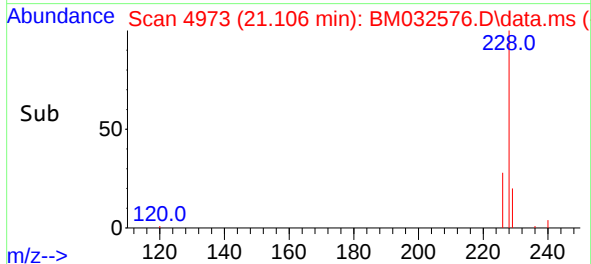
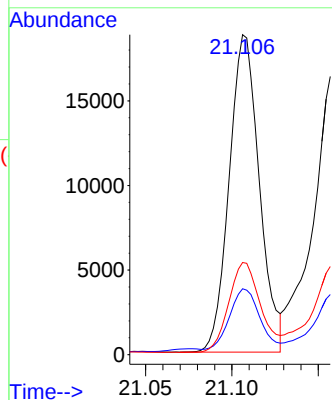
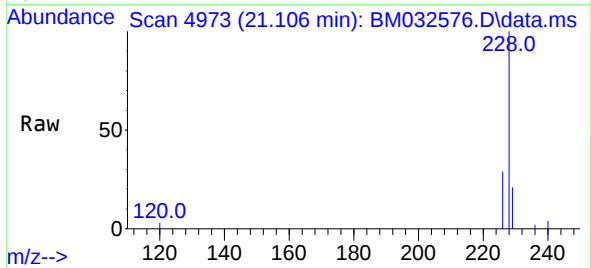
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Benzo(a)anthracene
Concen: 0.61 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:	228	Resp:	22834
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.8	22.4	33.6

Instrument :
BNA_M
ClientSampled :
C0B07

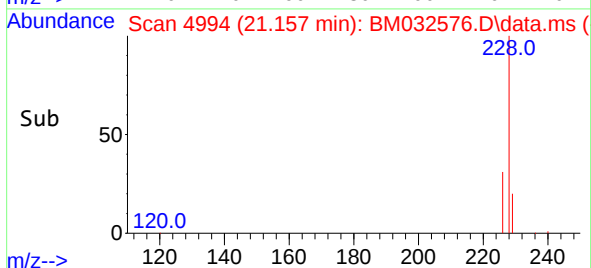
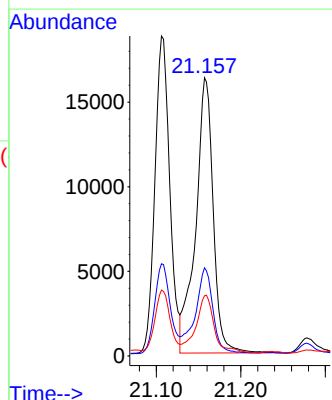
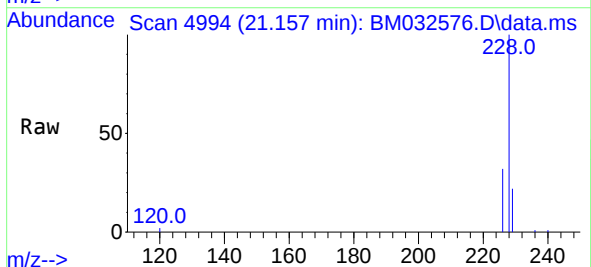
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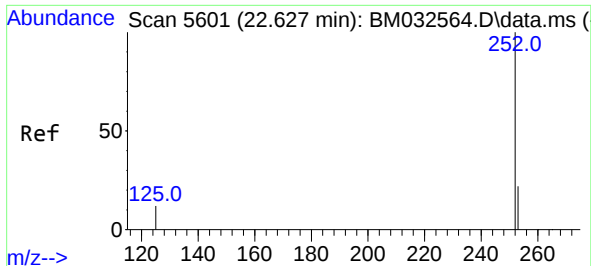
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#22
Chrysene
Concen: 0.57 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:	228	Resp:	23487
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.1	37.7
229	21.6	15.7	23.5





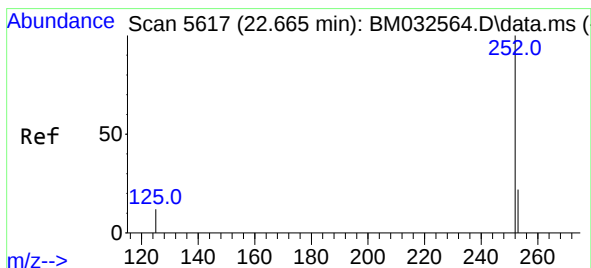
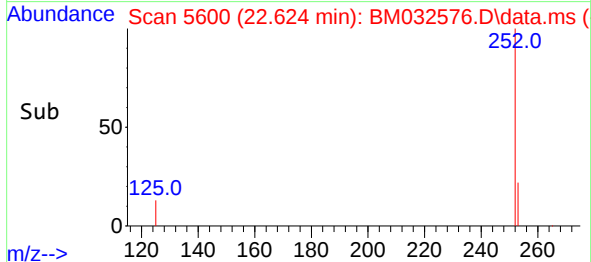
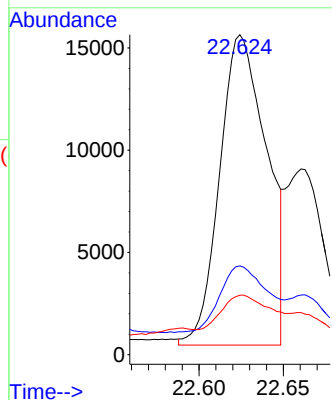
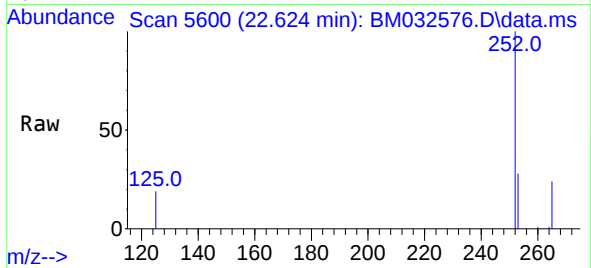
#24
Benzo(b)fluoranthene
Concen: 0.64 ng/ul m
RT: 22.624 min Scan# 5600
Delta R.T. -0.002 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:	252	Resp:	29451
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	53.8
125	18.6	0.0	35.6

Instrument :
BNA_M
ClientSampled :
C0B07

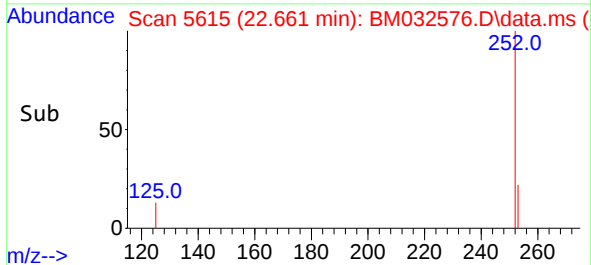
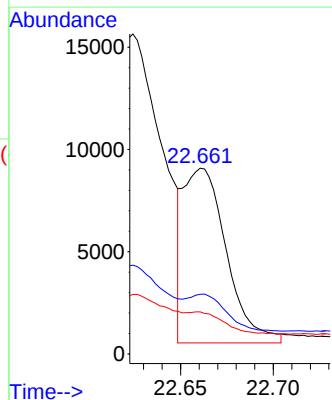
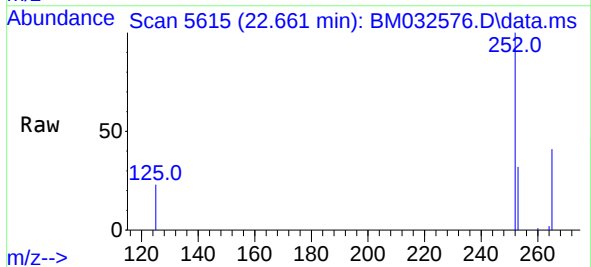
Manual Integrations
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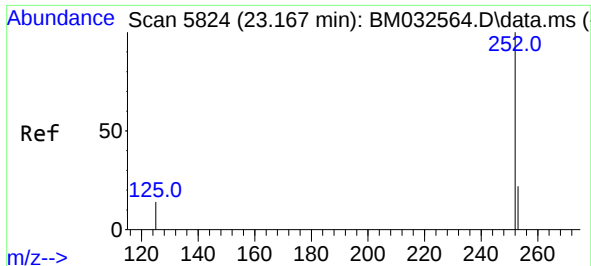
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#25
Benzo(k)fluoranthene
Concen: 0.30 ng/ul m
RT: 22.661 min Scan# 5615
Delta R.T. -0.005 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion:	252	Resp:	13771
Ion Ratio	Lower	Upper	
252	100		
253	32.1	21.8	32.6
125	22.7	14.4	21.6#





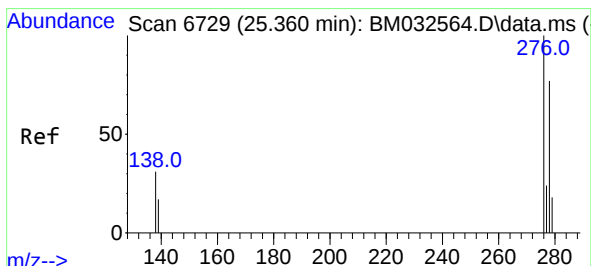
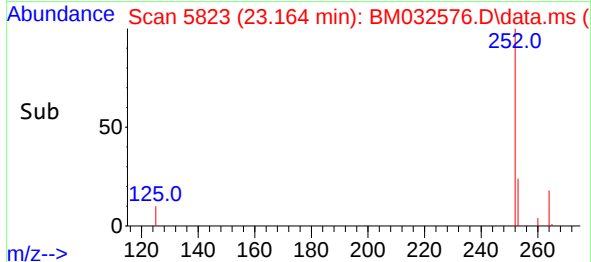
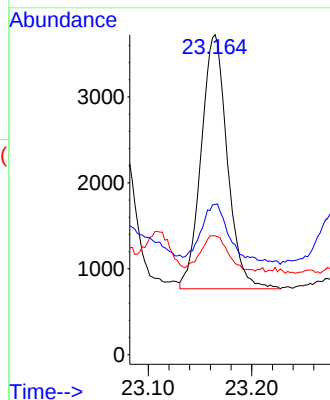
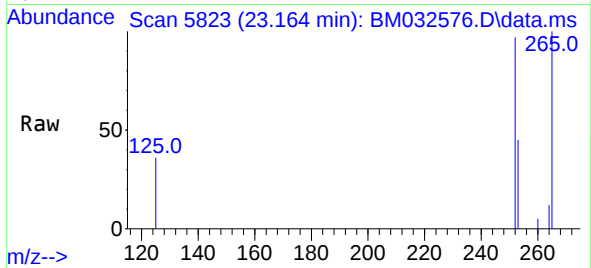
#26
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.002 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

Tgt Ion: 252 Resp: 5190
Ion Ratio Lower Upper
252 100
253 46.9 23.6 35.4#
125 37.1 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
C0B07

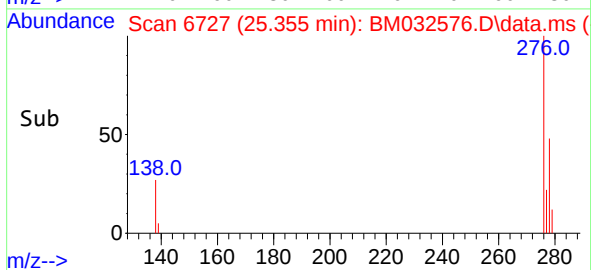
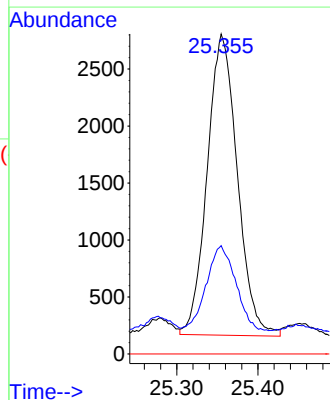
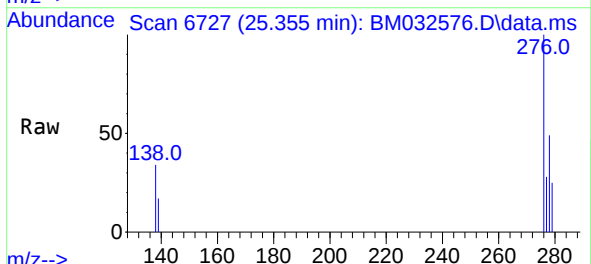
Manual Integrations
APPROVED

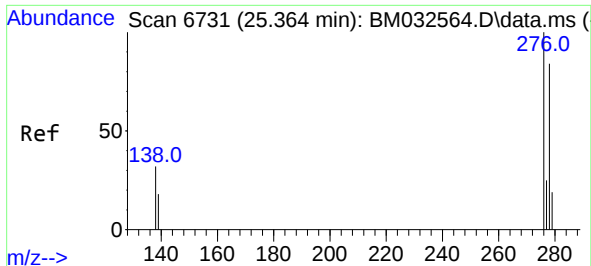
mohammad
10/19/2021 12:10:49 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.005 min
Lab File: BM032576.D
Acq: 18 Oct 2021 16:46

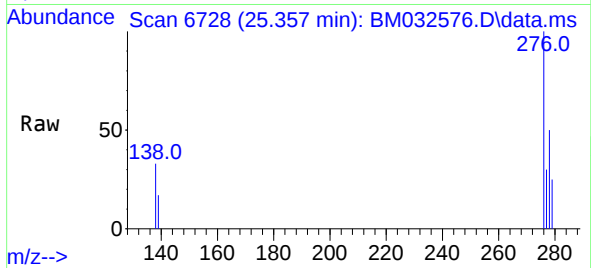
Tgt Ion: 276 Resp: 6827
Ion Ratio Lower Upper
276 100
138 28.3 24.9 37.3
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 25.357 min Scan# 6728
 Delta R.T. -0.007 min
 Lab File: BM032576.D
 Acq: 18 Oct 2021 16:46

Instrument :
 BNA_M
 ClientSampleId :
 C0B07



Tgt Ion: 278 Resp: 3662
 Ion Ratio Lower Upper
 278 100
 139 32.8 18.6 28.0#
 279 48.6 22.0 33.0#

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:10:49 PM

