

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032523.D
 Acq On : 15 Oct 2021 13:29
 Operator : CG/JU
 Sample : M4030-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U0

Manual Integrations
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Quant Time: Oct 15 14:02:25 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 : 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	7.557	152	5582	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	17915	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9482	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	18994	0.40	ng/ul	0.00
17) Chrysene-d12	21.128	240	13843	0.40	ng/ul	0.00
23) Perylene-d12	23.269	264	10728	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	8812	1.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	4109	0.17	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	8792	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	3102	0.06	ng/ul#	93
7) 2-Methylnaphthalene	12.017	142	2257	0.06	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	1197	0.03	ng/ul	98
10) Acenaphthylene	13.933	152	2268	0.06	ng/ul	93
12) Fluorene	15.264	166	1601	0.04	ng/ul#	95
15) Phenanthrene	16.991	178	27643	0.43	ng/ul	99
16) Anthracene	17.082	178	4669	0.08	ng/ul	97
19) Fluoranthene	19.008	202	72541	1.06	ng/ul	99
20) Pyrene	19.370	202	63964	0.91	ng/ul	99
21) Benzo(a)anthracene	21.113	228	24230	0.45	ng/ul	98
22) Chrysene	21.164	228	29822	0.50	ng/ul	98
24) Benzo(b)fluoranthene	22.634	252	36357m	0.73	ng/ul	
25) Benzo(k)fluoranthene	22.670	252	13435m	0.27	ng/ul	
26) Benzo(a)pyrene	23.172	252	21433	0.52	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.372	276	14126	0.28	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.369	278	3177	0.08	ng/ul#	73
29) Benzo(g,h,i)perylene	26.019	276	13196	0.30	ng/ul	97

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

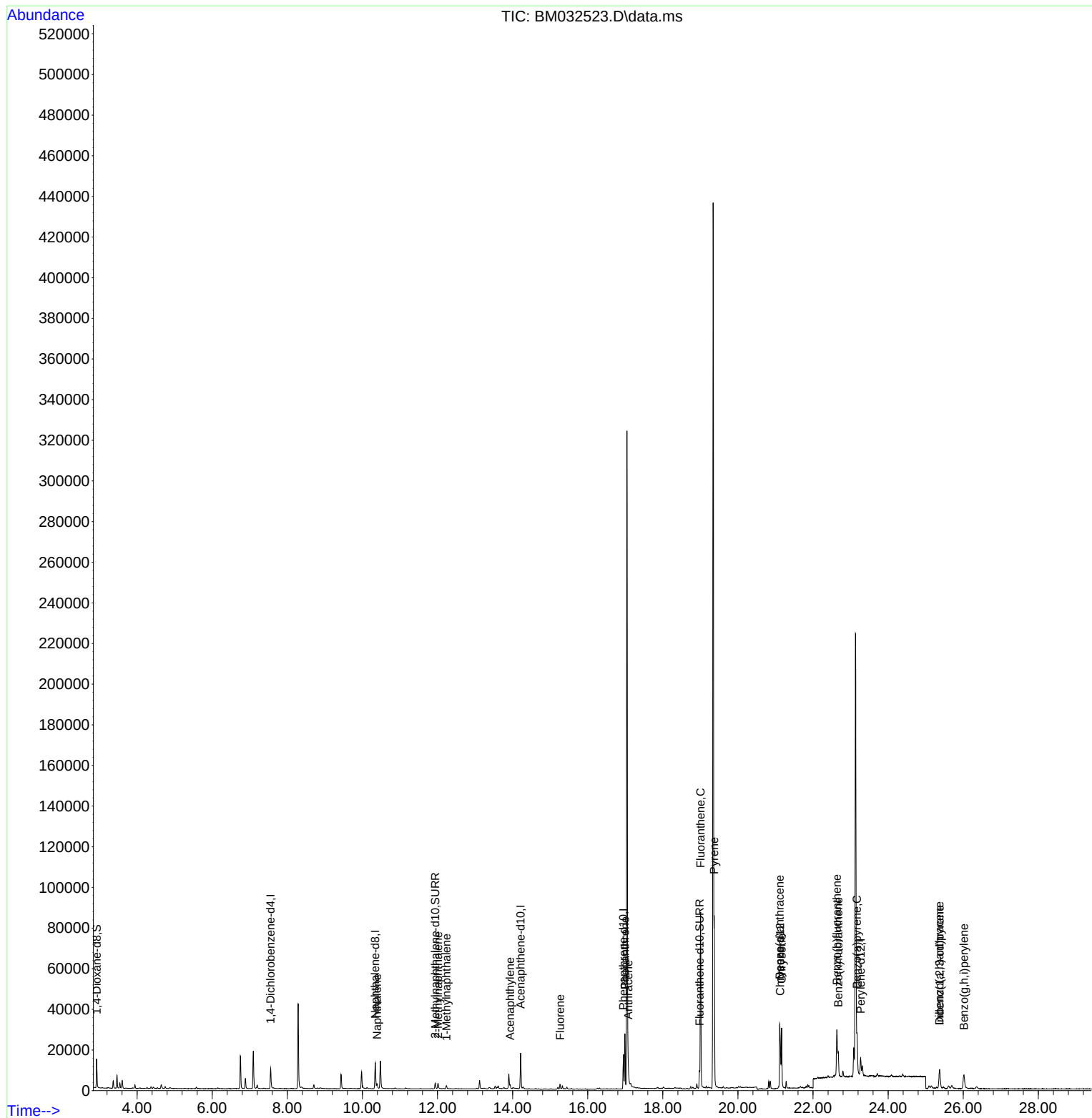
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032523.D
Acq On : 15 Oct 2021 13:29
Operator : CG/JU
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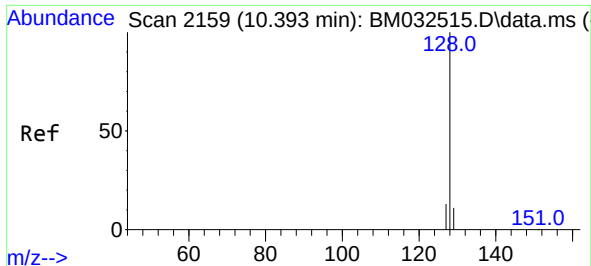
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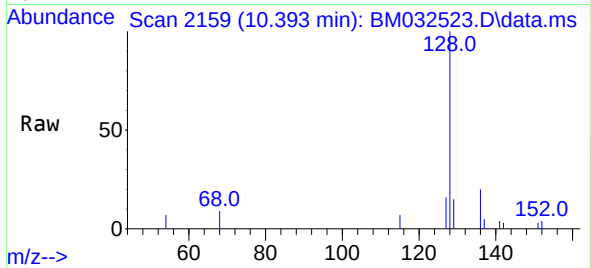
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Response via : Initial Calibration

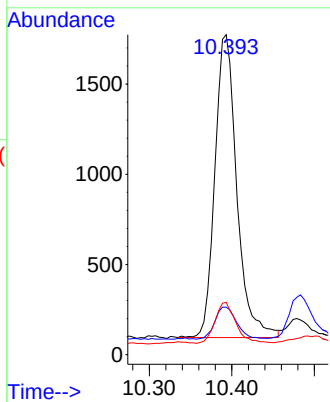
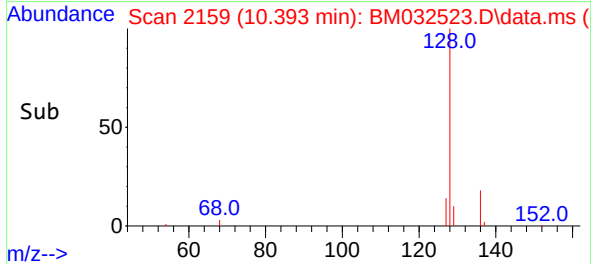




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



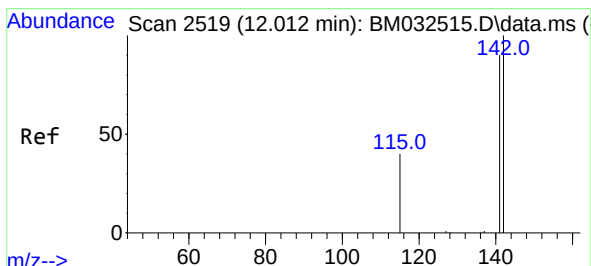
Tgt Ion:128 Resp: 3102
Ion Ratio Lower Upper
128 100
129 14.9 9.1 13.7#
127 16.3 11.1 16.7



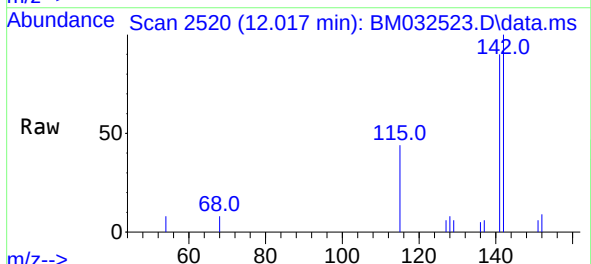
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BNA_M
ClientSampleId :
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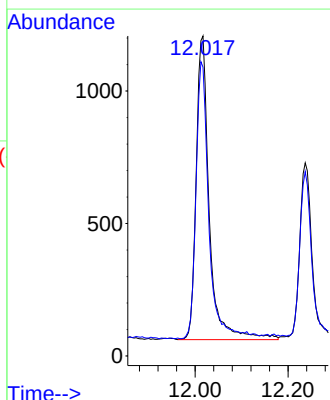
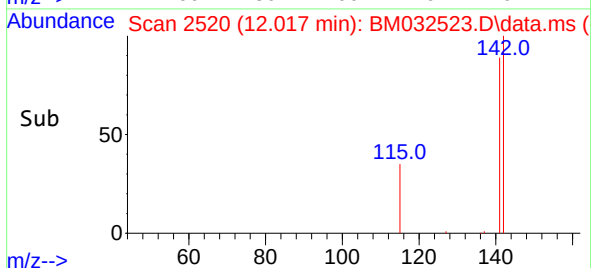
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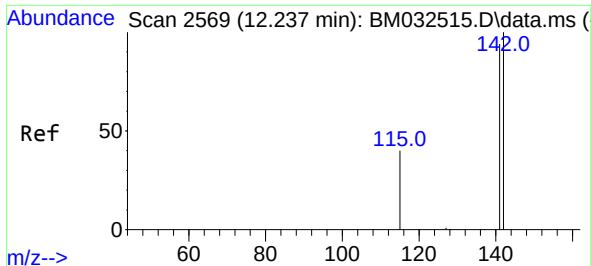


#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



Tgt Ion:142 Resp: 2257
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2





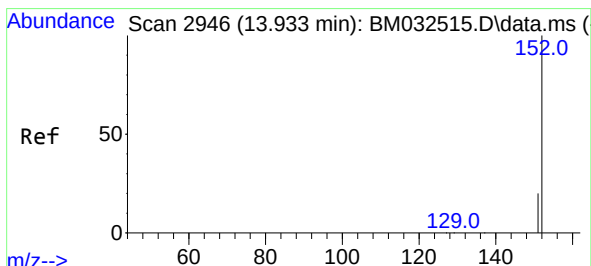
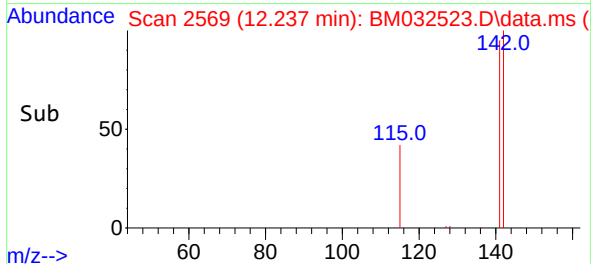
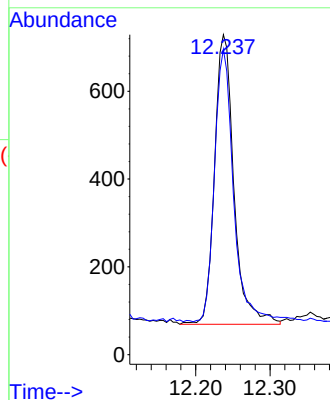
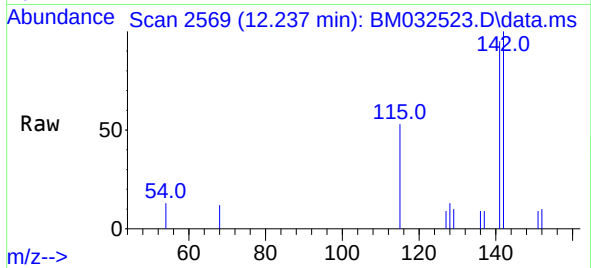
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1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:142 Resp: 1197
Ion Ratio Lower Upper
142 100
141 91.5 74.9 112.3

Instrument :
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ClientSampled :
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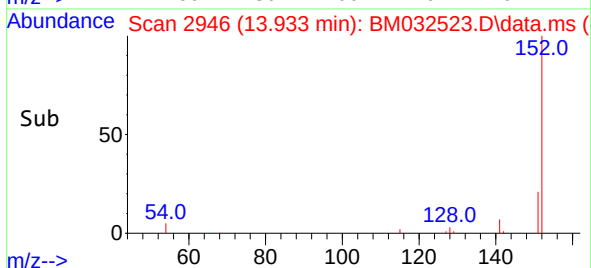
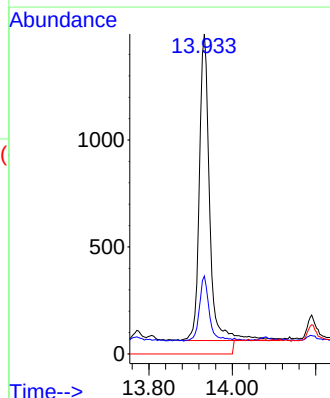
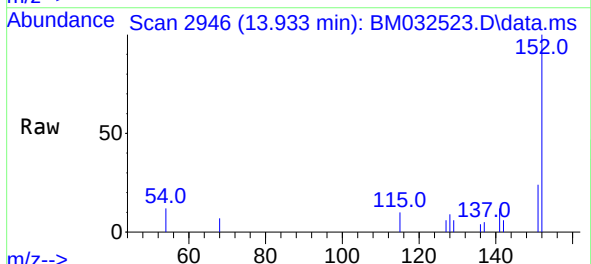
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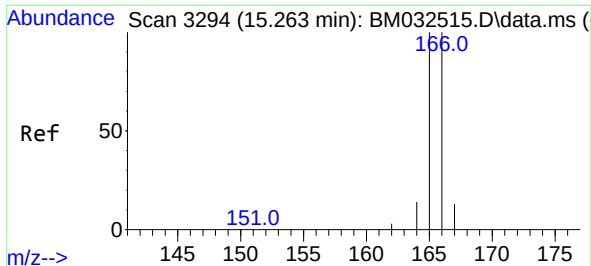
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#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:152 Resp: 2268
Ion Ratio Lower Upper
152 100
151 24.3 16.7 25.1
153 0.0 0.0 0.0





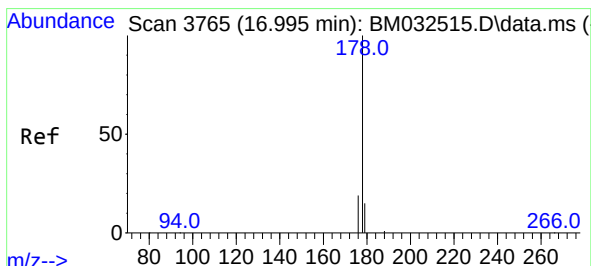
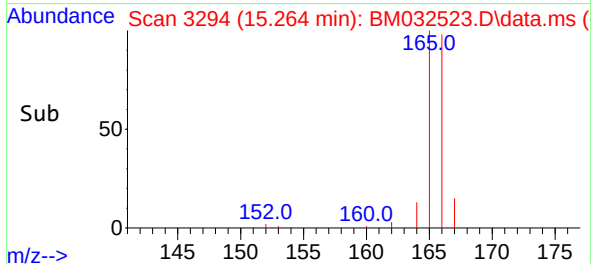
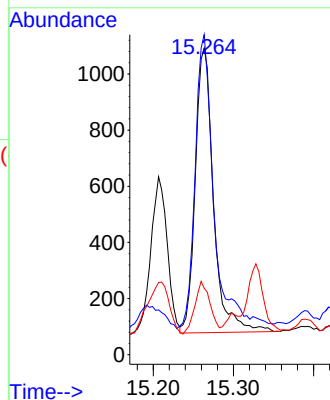
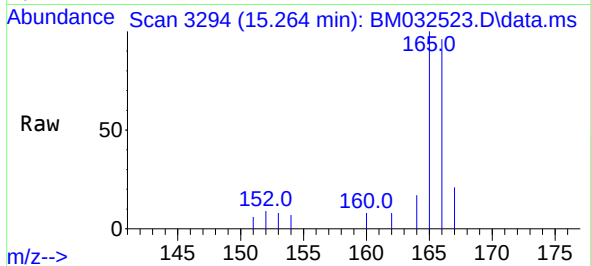
#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.264 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:166 Resp: 1601
Ion Ratio Lower Upper
166 100
165 104.4 80.7 121.1
167 21.7 11.2 16.8#

Instrument :
BNA_M
ClientSampled :
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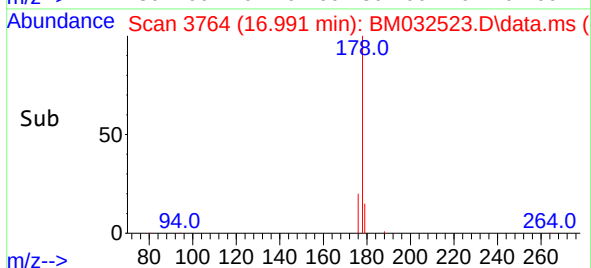
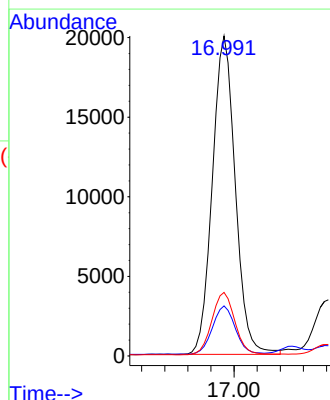
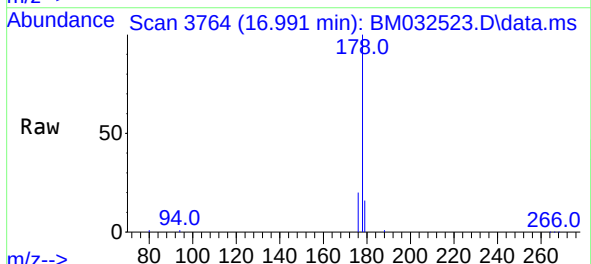
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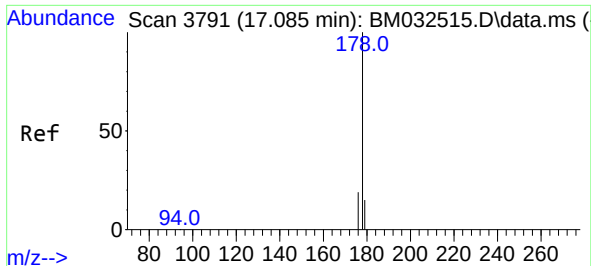
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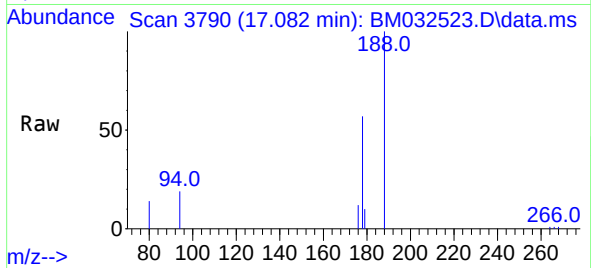
#15
Phenanthrene
Concen: 0.43 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:178 Resp: 27643
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.8 16.1 24.1

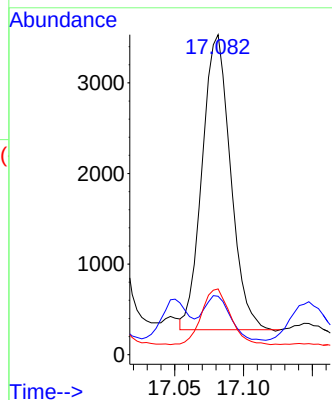




#16
 Anthracene
 Concen: 0.08 ng/ul
 RT: 17.082 min Scan# 3790
 Delta R.T. -0.003 min
 Lab File: BM032523.D
 Acq: 15 Oct 2021 13:29



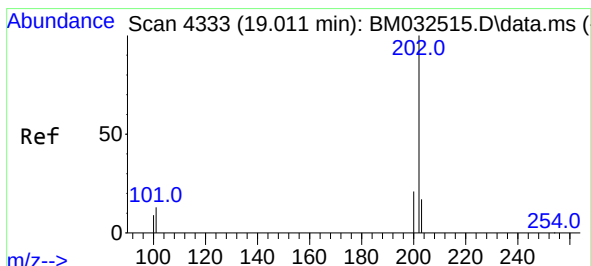
Tgt Ion:	178	Resp:	4669
Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	20.5	15.8	23.6



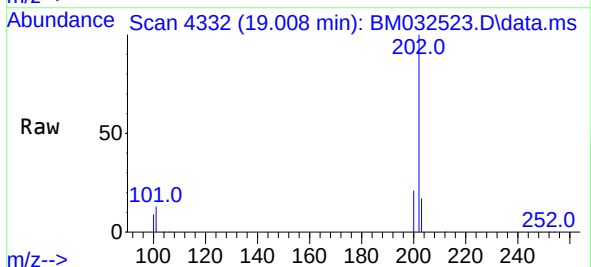
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 BNA_M
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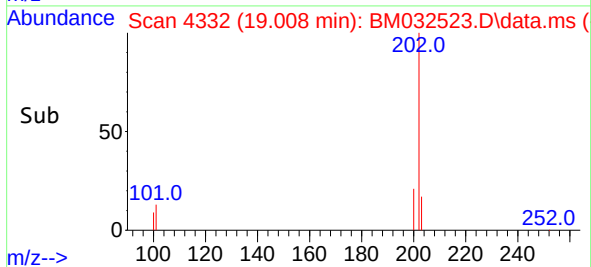
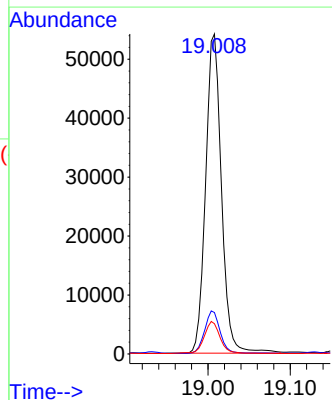
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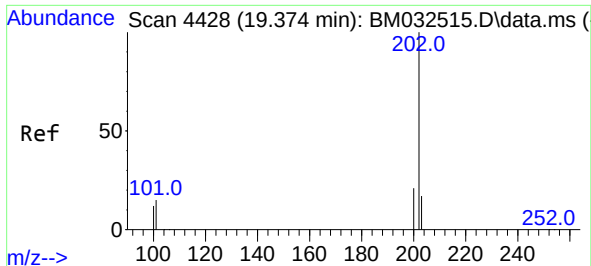


#19
 Fluoranthene
 Concen: 1.06 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032523.D
 Acq: 15 Oct 2021 13:29



Tgt Ion:	202	Resp:	72541
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	9.5	7.8	11.8





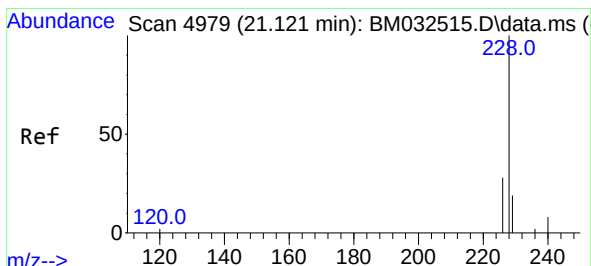
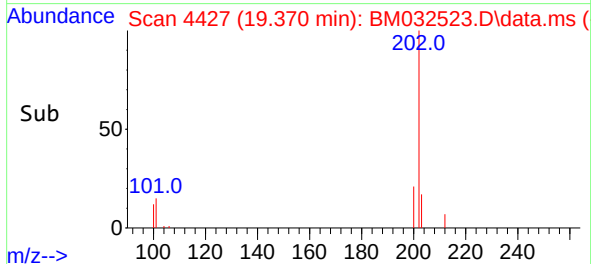
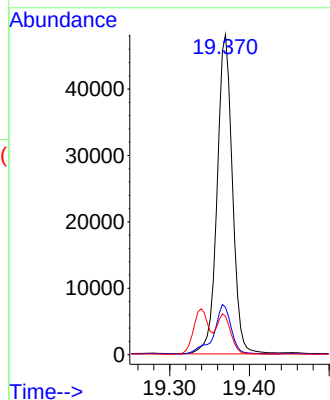
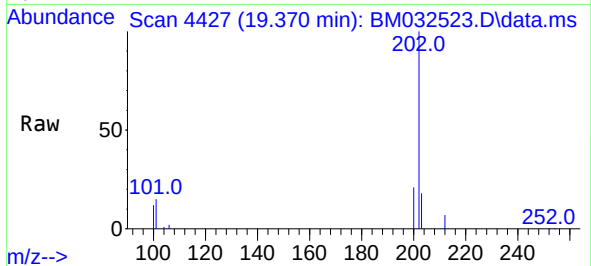
#20
Pyrene
Concen: 0.91 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:	202	Resp:	63964
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.3	18.5
100	12.0	10.1	15.1

Instrument :
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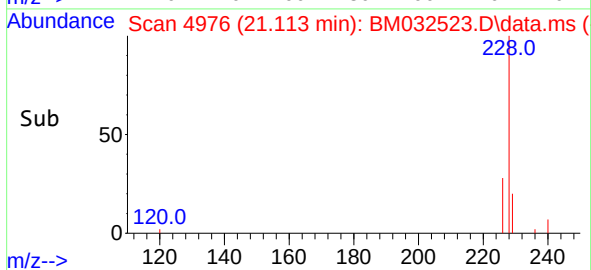
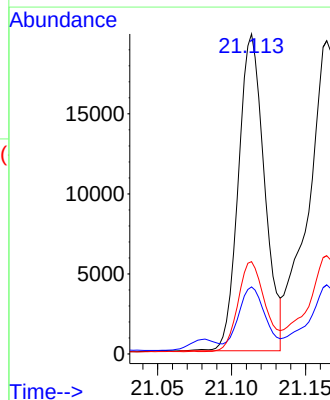
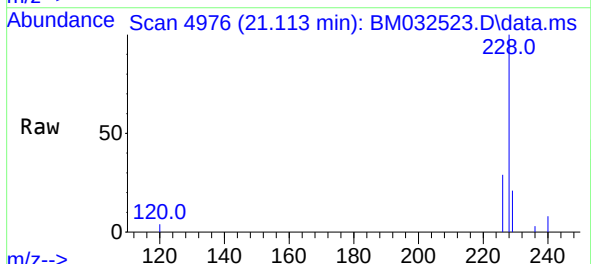
Manual Integrations
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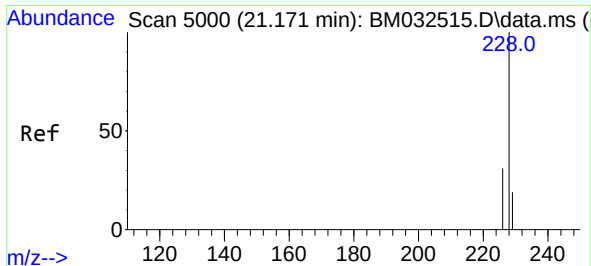
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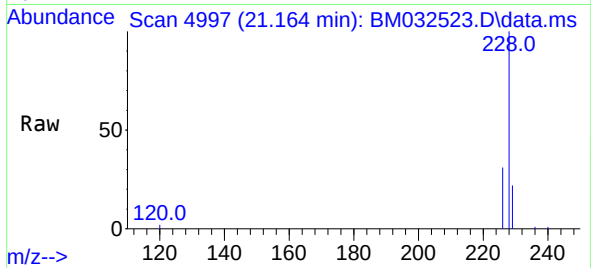
#21
Benzo(a)anthracene
Concen: 0.45 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:	228	Resp:	24230
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	28.9	22.4	33.6

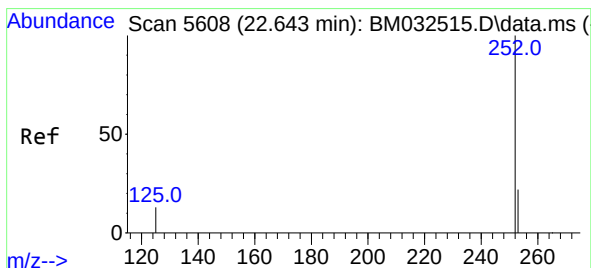
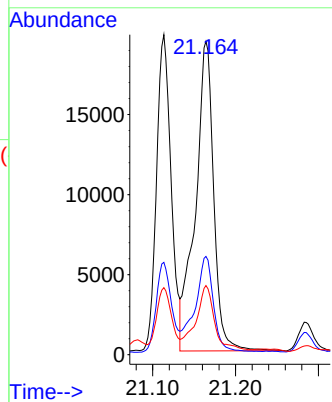
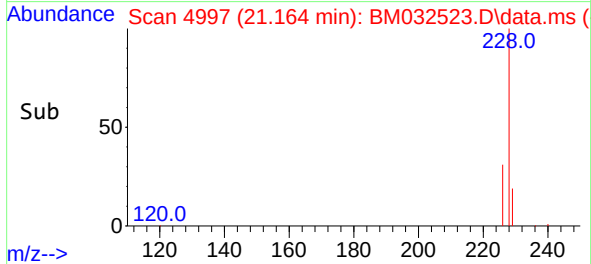




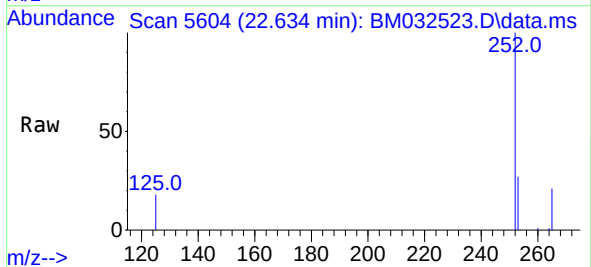
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Chrysene
Concen: 0.50 ng/u1
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



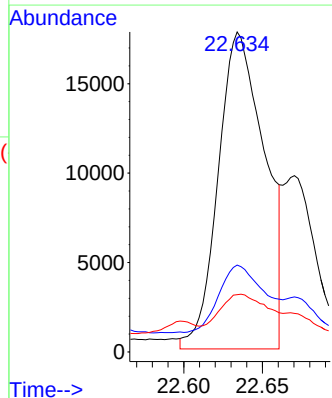
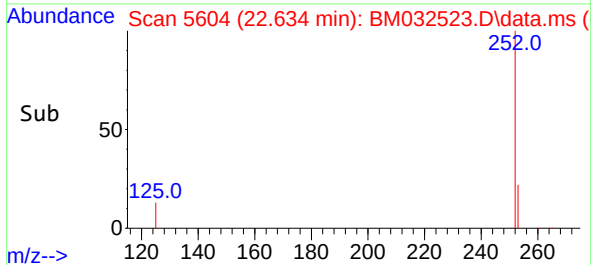
Tgt Ion:228 Resp: 29822
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 22.1 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.73 ng/u1 m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



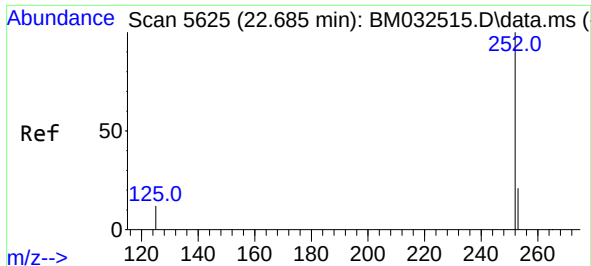
Tgt Ion:252 Resp: 36357
Ion Ratio Lower Upper
252 100
253 27.1 0.0 53.8
125 17.9 0.0 35.6



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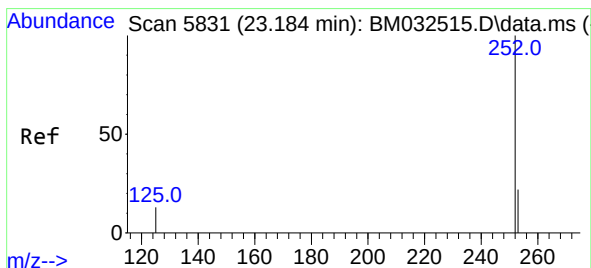
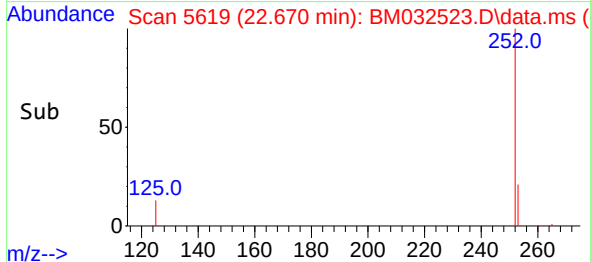
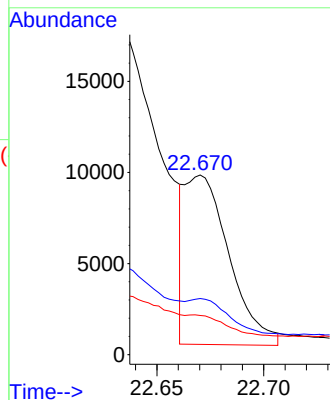
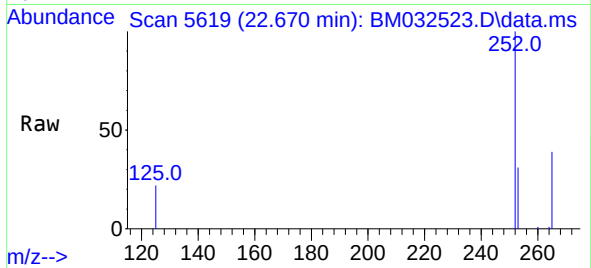
#25
Benzo(k)fluoranthene
Concen: 0.27 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. -0.014 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:252	Resp:	13435
Ion Ratio	Lower	Upper
252	100	
253	31.3	21.8 32.6
125	21.8	14.4 21.6#

Instrument :
BNA_M
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C00U0

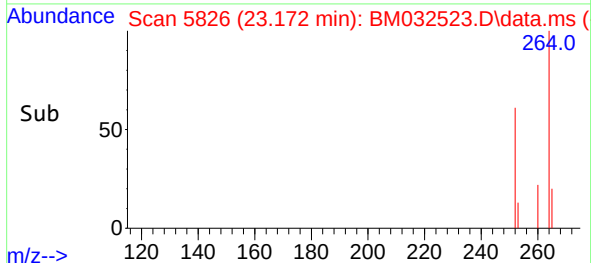
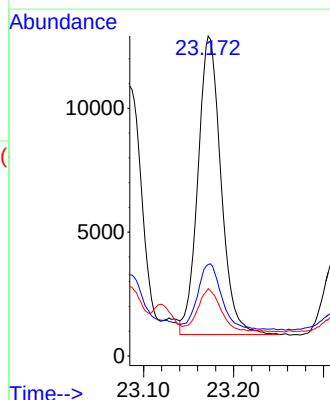
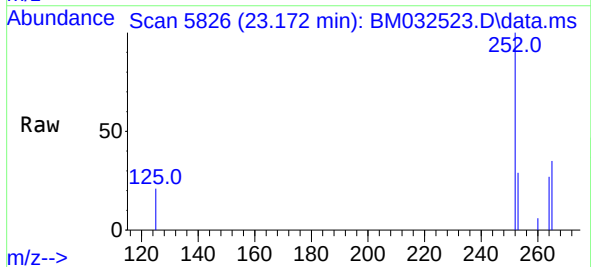
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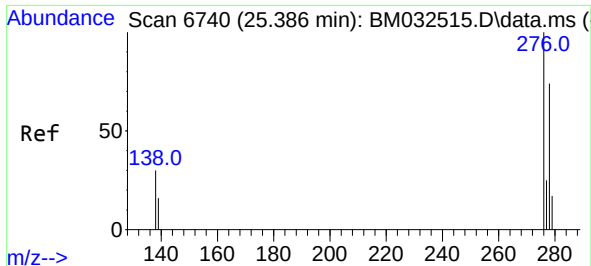
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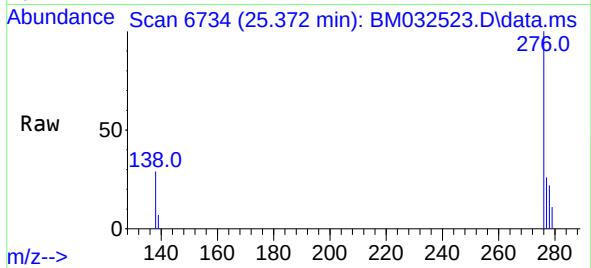
#26
Benzo(a)pyrene
Concen: 0.52 ng/ul
RT: 23.172 min Scan# 5826
Delta R.T. -0.012 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:252	Resp:	21433
Ion Ratio	Lower	Upper
252	100	
253	28.6	23.6 35.4
125	21.0	17.1 25.7

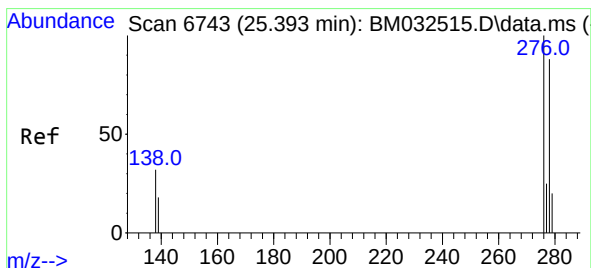
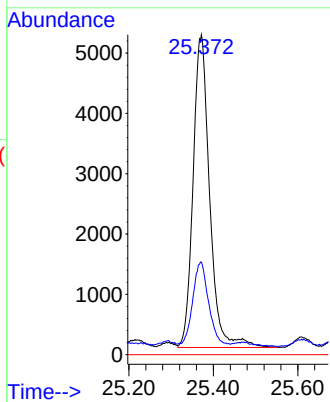
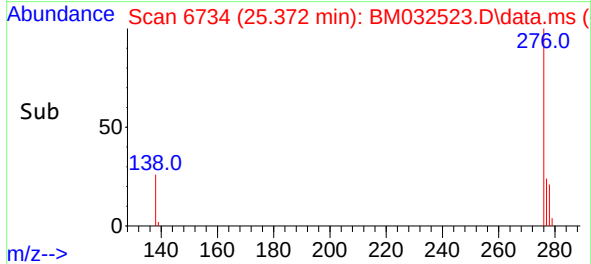




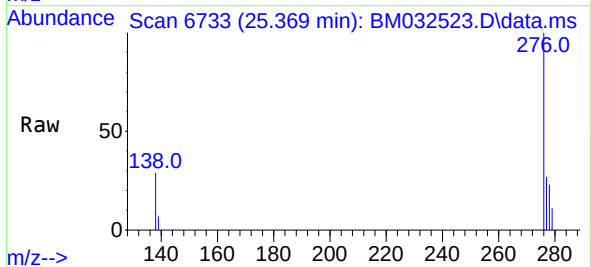
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.014 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



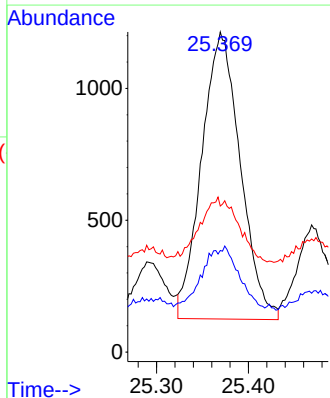
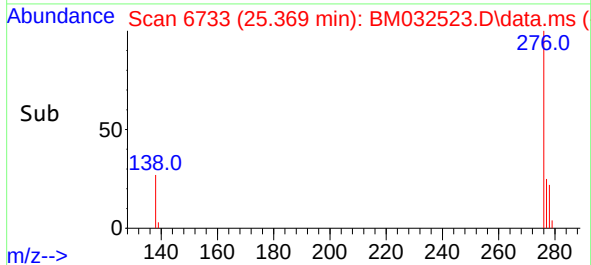
Tgt Ion: 276 Resp: 14126
Ion Ratio Lower Upper
276 100
138 25.8 24.9 37.3
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.369 min Scan# 6733
Delta R.T. -0.024 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29



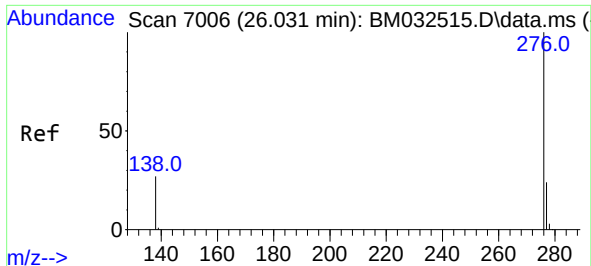
Tgt Ion: 278 Resp: 3177
Ion Ratio Lower Upper
278 100
139 31.7 18.6 28.0#
279 45.6 22.0 33.0#



Instrument :
BNA_M
ClientSampleId :
C00U0

Manual Integrations
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10/18/2021 12:41:16 PM



#29
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.019 min Scan# 7001
Delta R.T. -0.012 min
Lab File: BM032523.D
Acq: 15 Oct 2021 13:29

Tgt Ion:	276	Resp:	13196
Ion Ratio	Lower	Upper	
276	100		
138	30.2	22.6	33.8
277	26.1	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00U0

Manual Integrations
APPROVED

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10/18/2021 12:41:16 PM

