

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031332.D
 Acq On : 01 Aug 2021 04:03
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0048

Manual Integrations
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 8/2/2021 3:42:22 PM

Quant Time: Aug 02 01:15:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	5065	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.235	164	3818	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	8283	0.400	ng/ul #	0.00
17) Chrysene-d12	21.178	240	6121	0.400	ng/ul #	0.00
23) Perylene-d12	23.338	264	5941	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3510	2.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1532	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3905	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.414	128	26152	1.733	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	30982	3.006	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	18431	1.810	ng/ul	99
10) Acenaphthylene	13.959	152	6492	0.399	ng/ul#	26
11) Acenaphthene	14.296	153	2541m	0.186	ng/ul	
12) Fluorene	15.289	166	4361	0.277	ng/ul#	34
15) Phenanthrene	17.027	178	103801	3.946	ng/ul#	88
16) Anthracene	17.117	178	11190	0.454	ng/ul#	25
19) Fluoranthene	19.050	202	74585	2.854	ng/ul#	93
20) Pyrene	19.412	202	69679	2.628	ng/ul#	91
21) Benzo(a)anthracene	21.163	228	40633	1.644	ng/ul#	82
22) Chrysene	21.212	228	82104	3.211	ng/ul#	85
24) Benzo(b)fluoranthene	22.696	252	70169m	2.621	ng/ul	
25) Benzo(k)fluoranthene	22.732	252	19184m	0.694	ng/ul	
26) Benzo(a)pyrene	23.244	252	35080	1.496	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.475	276	29991	0.990	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.490	278	10436	0.427	ng/ul#	68
29) Benzo(g,h,i)perylene	26.132	276	30710	1.188	ng/ul#	95

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

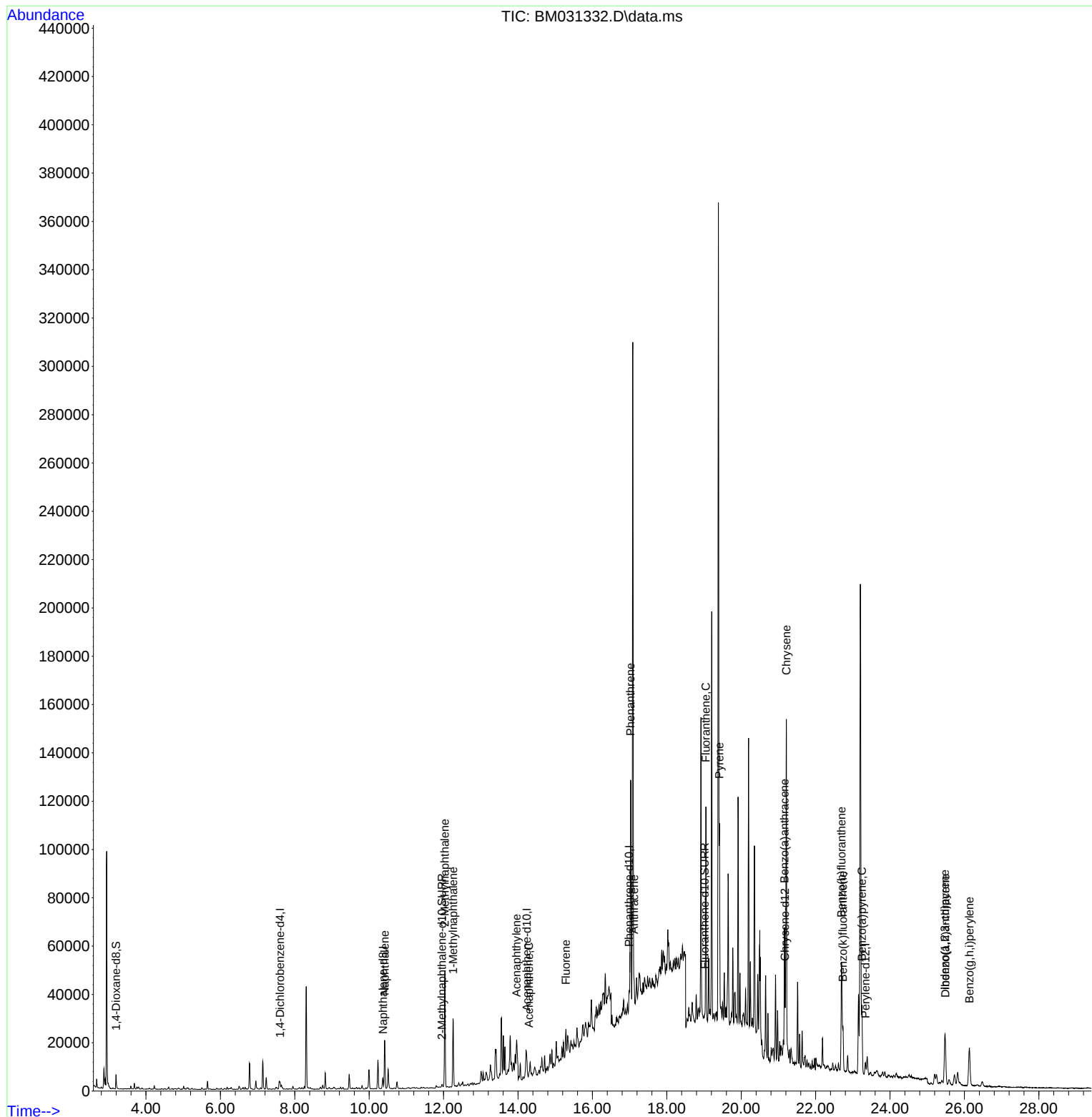
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Data File : BM031332.D
Acq On : 01 Aug 2021 04:03
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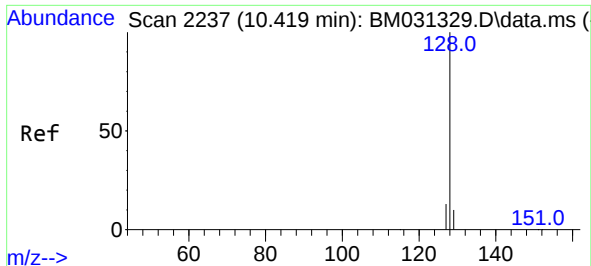
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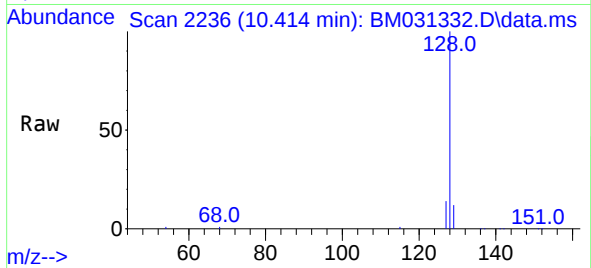
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Quant Time: Aug 02 01:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

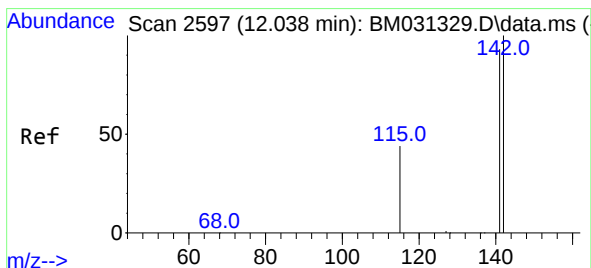
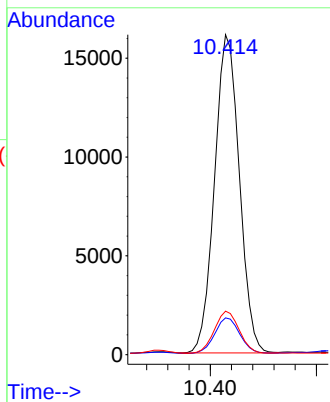
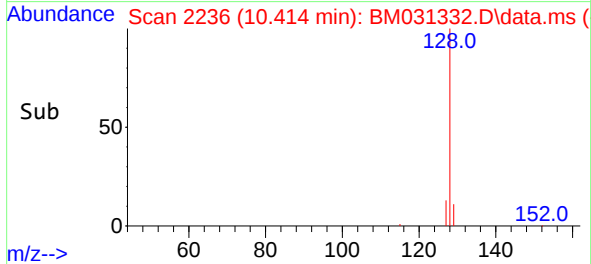




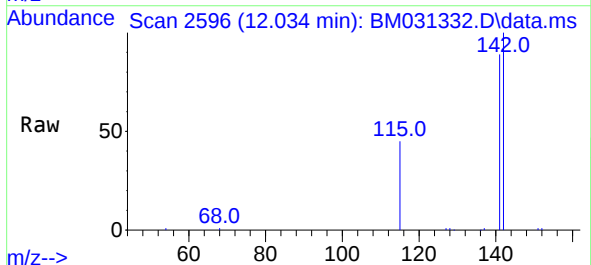
#5
Naphthalene
Concen: 1.733 ng/ul
RT: 10.414 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



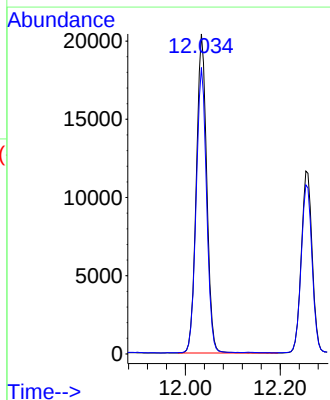
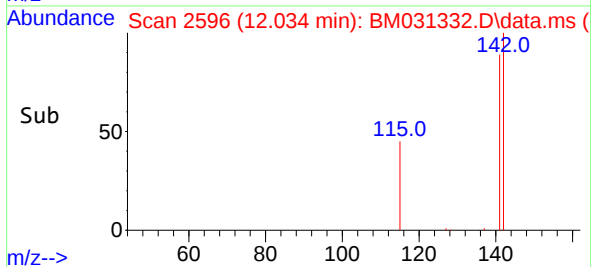
Tgt Ion:128 Resp: 26152
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 3.006 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



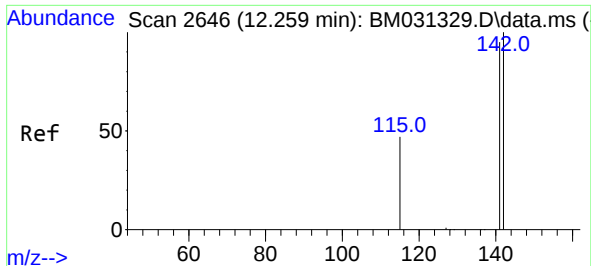
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Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



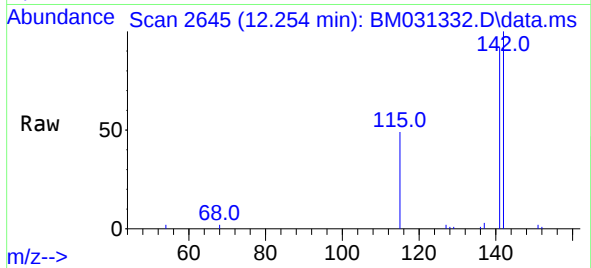
Instrument :
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ClientSampled :
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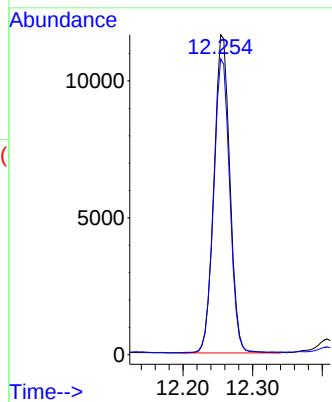
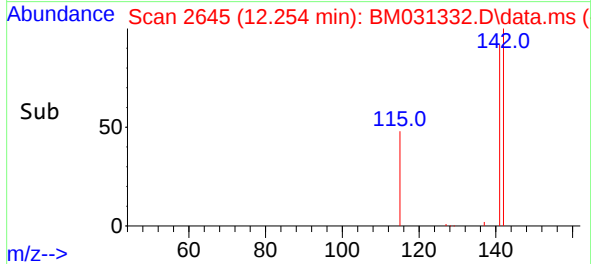
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#8
1-Methylnaphthalene
Concen: 1.810 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.013 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



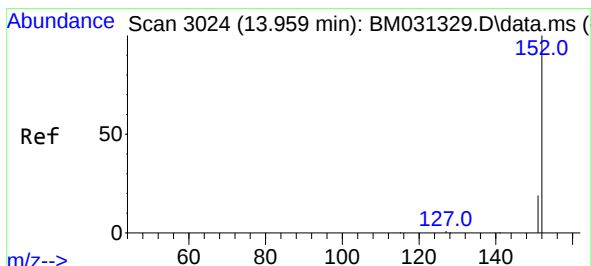
Tgt Ion:142 Resp: 18431
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1



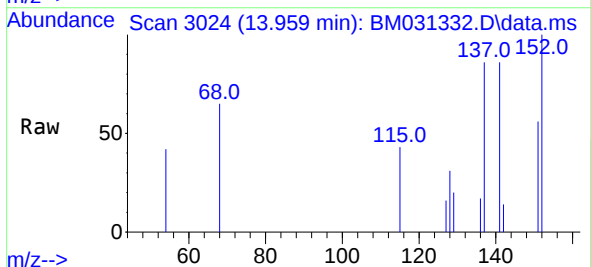
Instrument :
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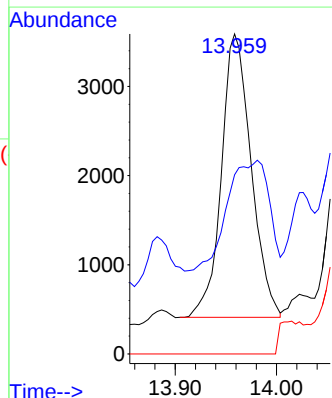
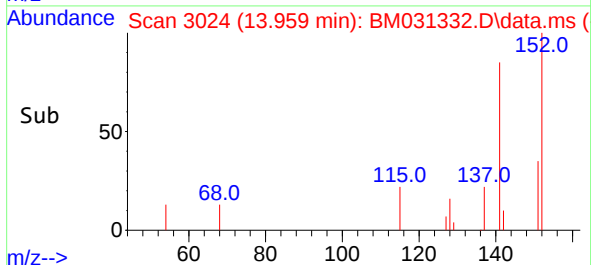
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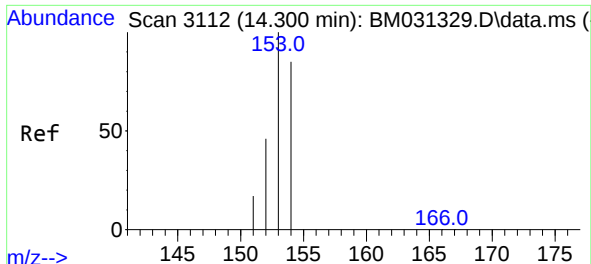


#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



Tgt Ion:152 Resp: 6492
Ion Ratio Lower Upper
152 100
151 56.0 16.9 25.3#
153 0.0 0.0 0.0





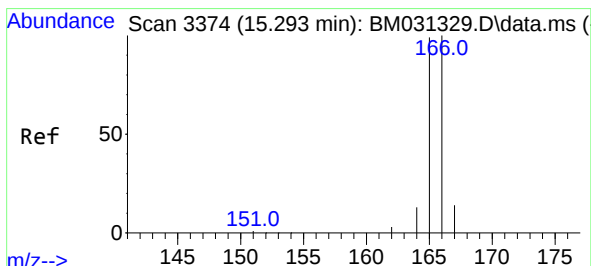
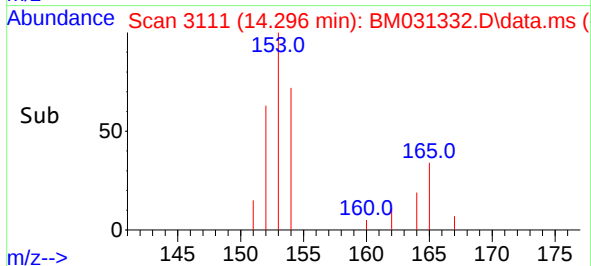
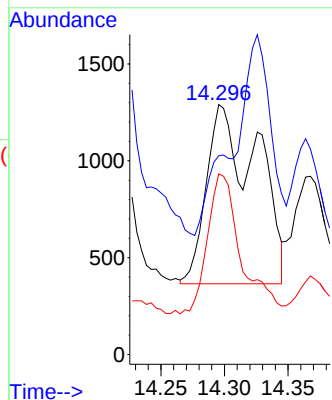
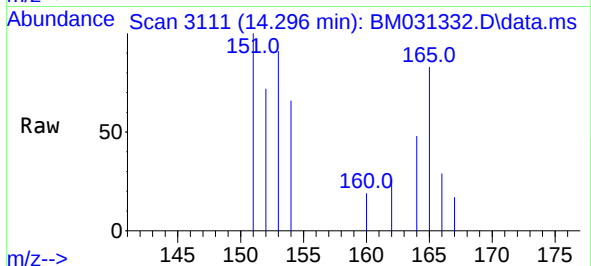
#11
Acenaphthene
Concen: 0.186 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:153 Resp: 2541
Ion Ratio Lower Upper
153 100
152 79.5 40.7 61.1#
154 72.3 70.2 105.2

Instrument :
BNA_M
ClientSampleId :
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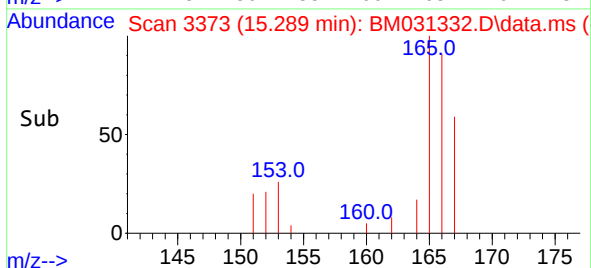
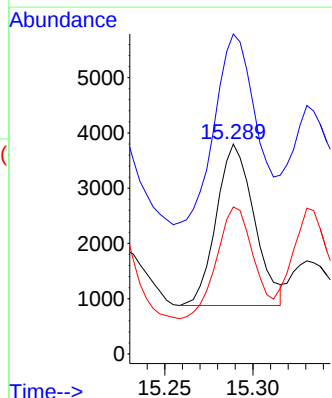
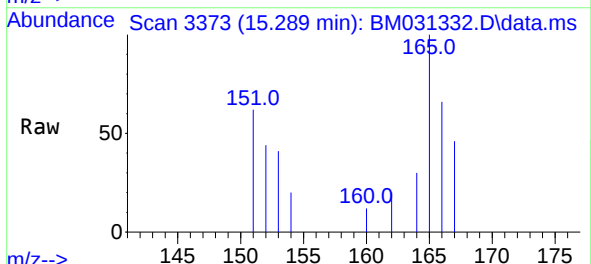
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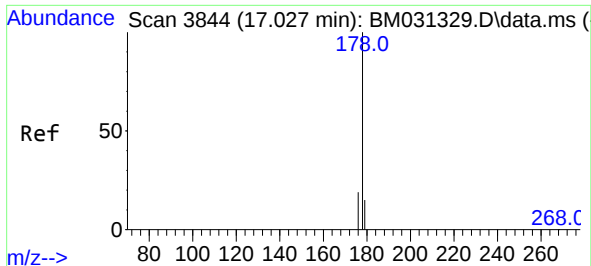
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#12
Fluorene
Concen: 0.277 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

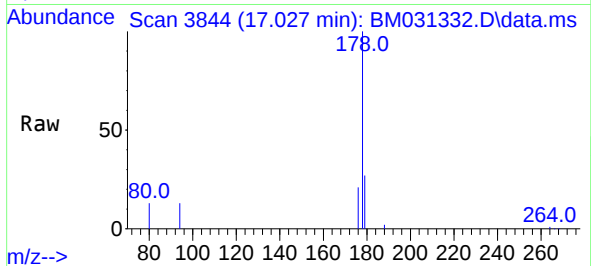
Tgt Ion:166 Resp: 4361
Ion Ratio Lower Upper
166 100
165 152.5 78.0 117.0#
167 70.1 12.0 18.0#





#15
Phenanthrene
Concen: 3.946 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

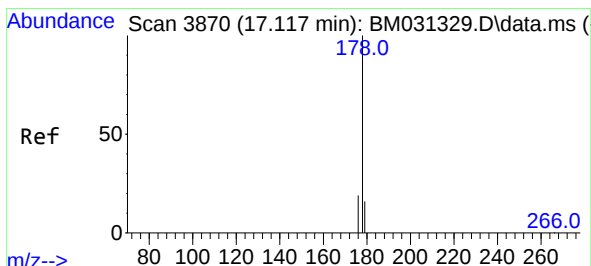
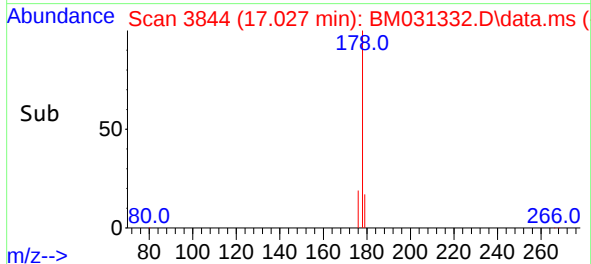
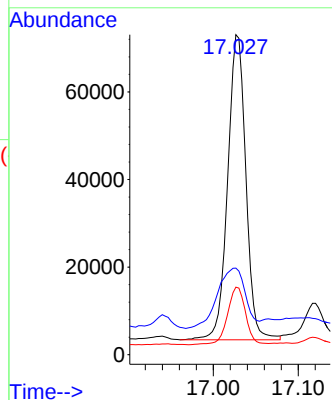
Instrument :
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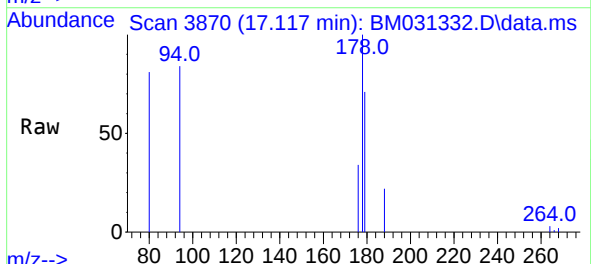
Tgt Ion:178 Resp: 103801
Ion Ratio Lower Upper
178 100
179 27.1 13.3 19.9#
176 21.1 16.2 24.4

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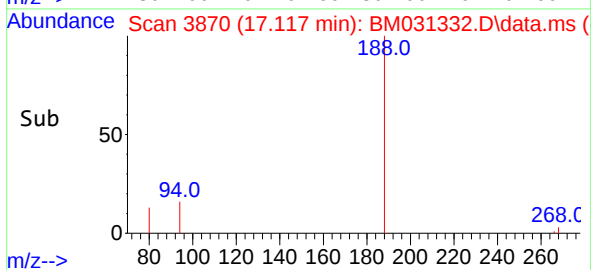
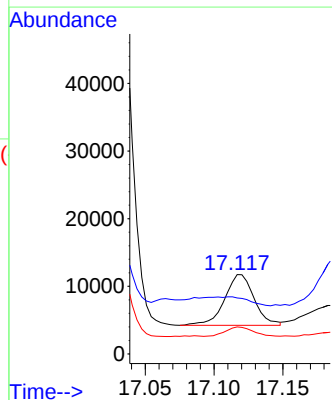
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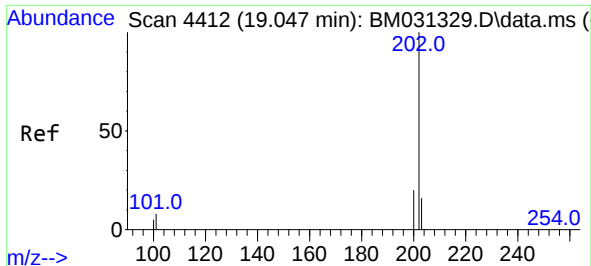


#16
Anthracene
Concen: 0.454 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

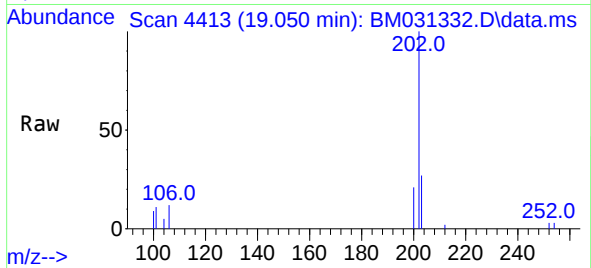


Tgt Ion:178 Resp: 11190
Ion Ratio Lower Upper
178 100
179 70.6 13.0 19.6#
176 34.1 15.6 23.4#

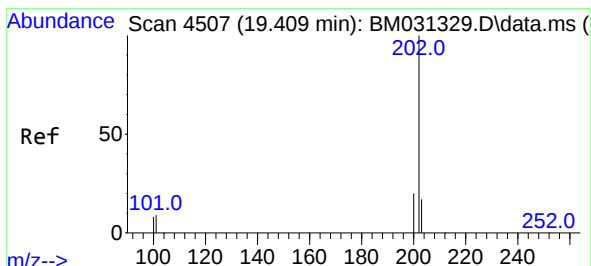
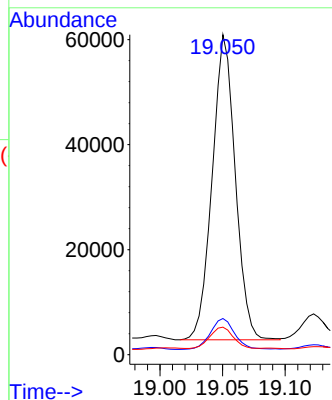
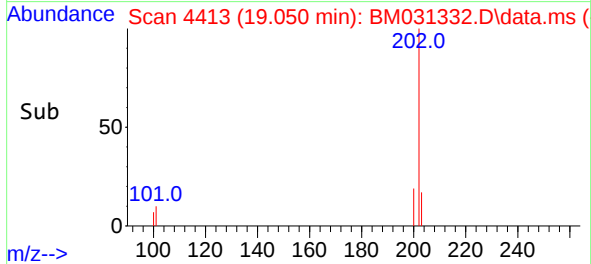




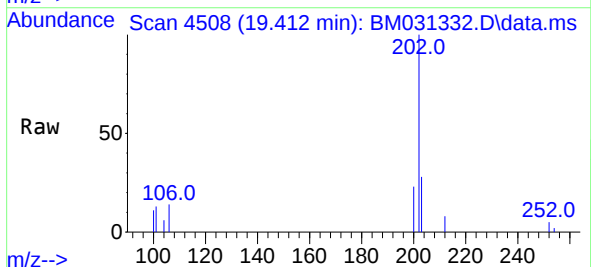
#19
Fluoranthene
Concen: 2.854 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



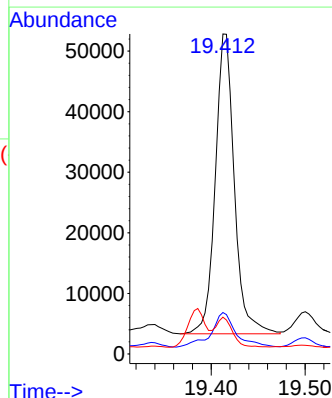
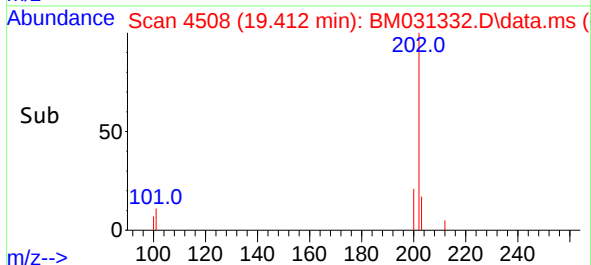
Tgt Ion:202 Resp: 74585
Ion Ratio Lower Upper
202 100
101 11.3 6.6 10.0#
100 8.6 5.4 8.0#



#20
Pyrene
Concen: 2.628 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03



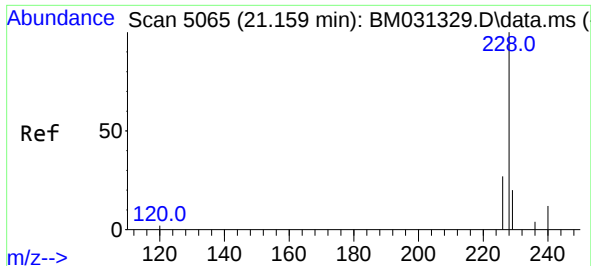
Tgt Ion:202 Resp: 69679
Ion Ratio Lower Upper
202 100
101 13.0 7.8 11.6#
100 11.5 6.6 10.0#



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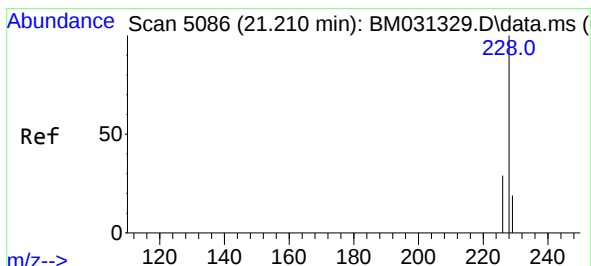
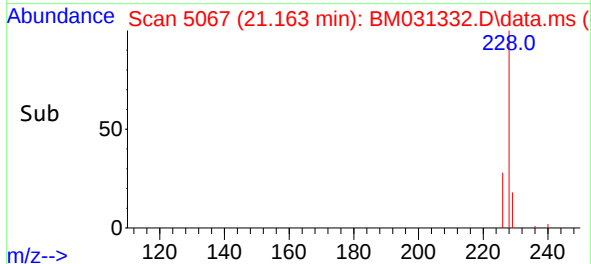
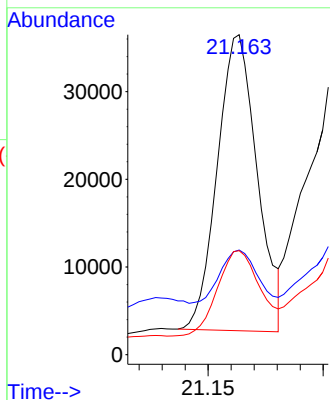
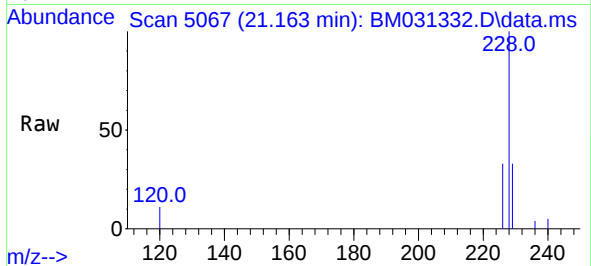
#21
Benzo(a)anthracene
Concen: 1.644 ng/u1
RT: 21.163 min Scan# 5067
Delta R.T. 0.003 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:228 Resp: 40633
Ion Ratio Lower Upper
228 100
229 32.7 15.6 23.4#
226 32.5 21.7 32.5

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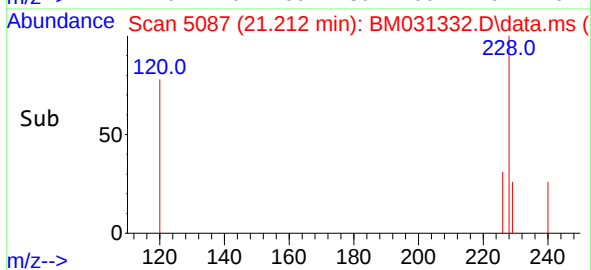
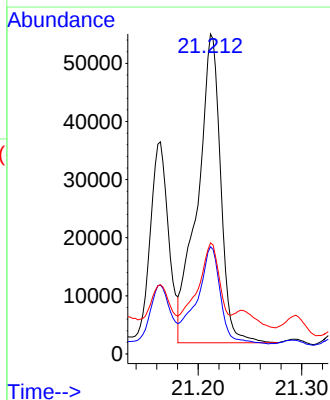
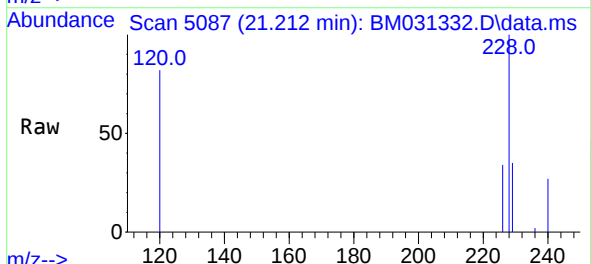
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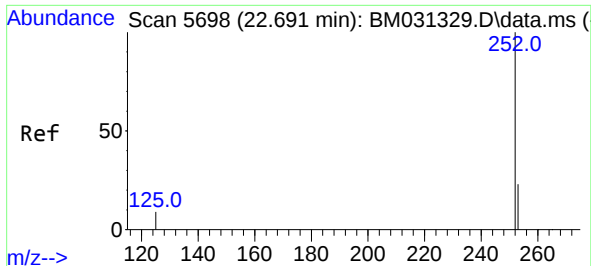
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#22
Chrysene
Concen: 3.211 ng/u1
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:228 Resp: 82104
Ion Ratio Lower Upper
228 100
226 33.5 24.7 37.1
229 34.7 16.2 24.2#





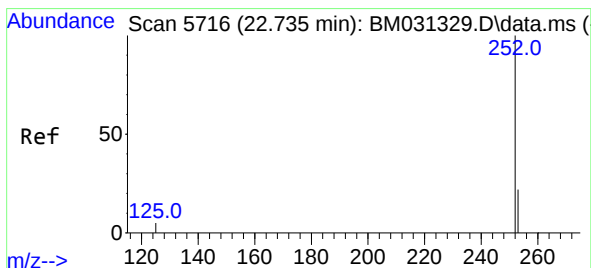
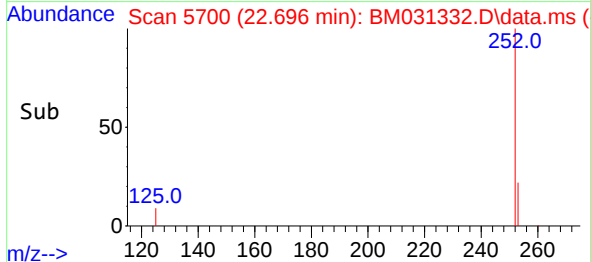
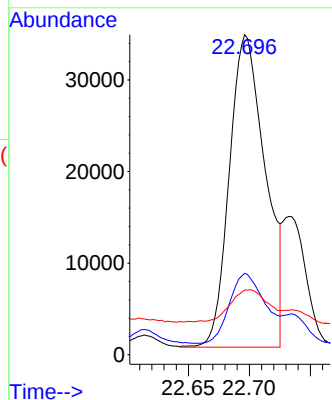
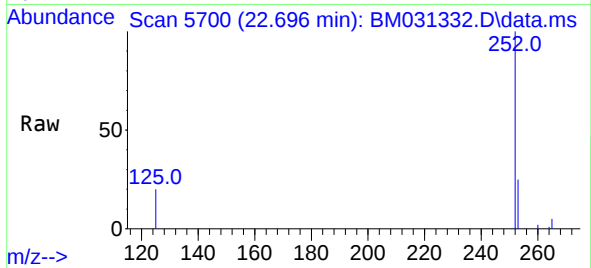
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Benzo(b)fluoranthene
Concen: 2.621 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:252	Resp:	70169
Ion Ratio	Lower	Upper
252	100	
253	25.4	0.0 53.0
125	20.2	0.0 22.8

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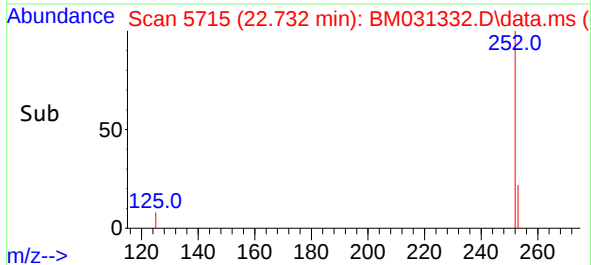
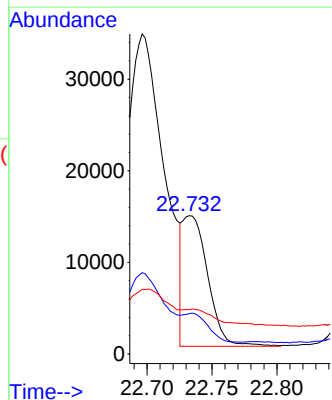
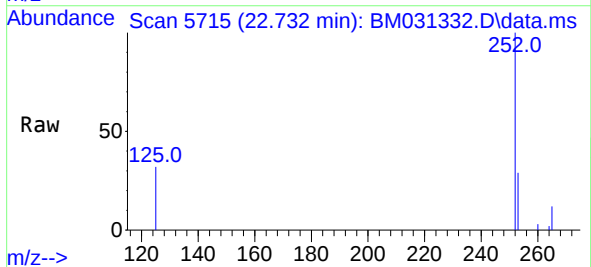
Manual Integrations
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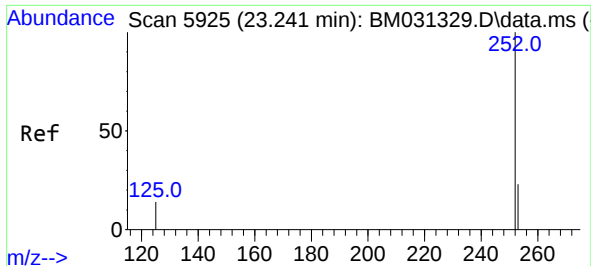
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#25
Benzo(k)fluoranthene
Concen: 0.694 ng/ul m
RT: 22.732 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:252	Resp:	19184
Ion Ratio	Lower	Upper
252	100	
253	29.1	21.3 31.9
125	32.1	8.8 13.2#





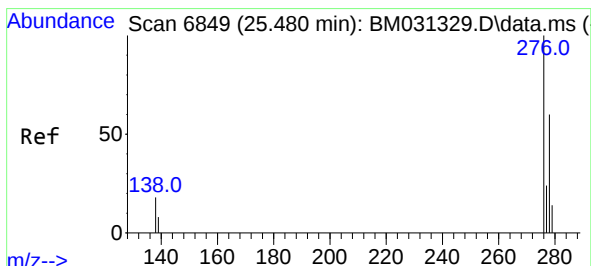
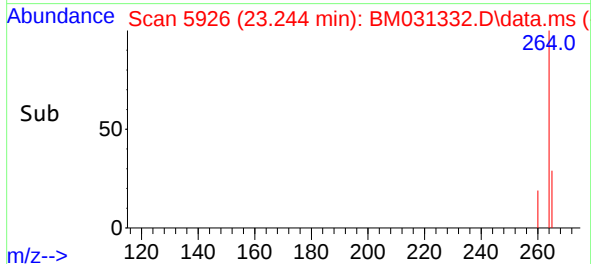
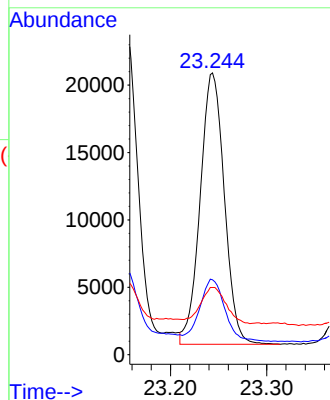
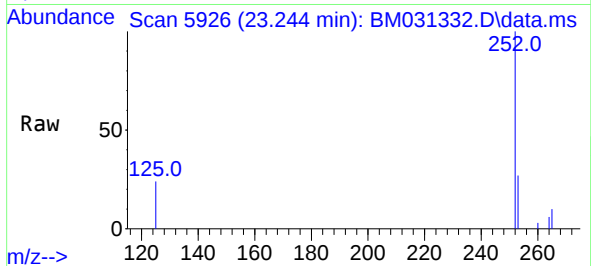
#26
Benzo(a)pyrene
Concen: 1.496 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:	252	Resp:	35080
Ion Ratio	Lower	Upper	
252	100		
253	26.6	22.4	33.6
125	23.9	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0048

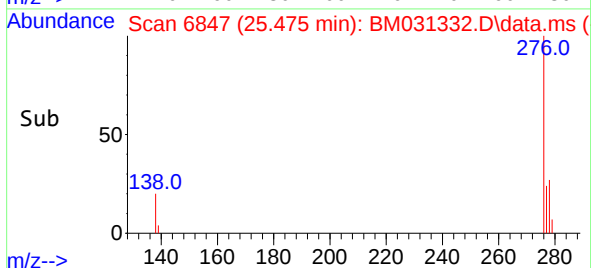
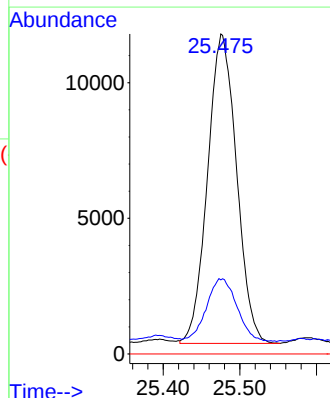
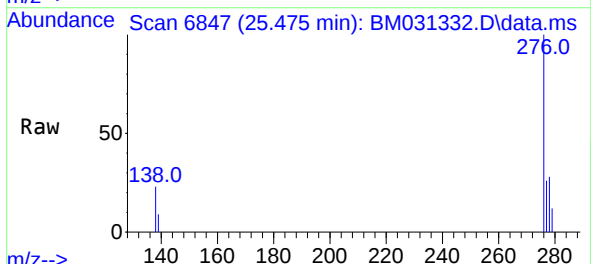
Manual Integrations
APPROVED

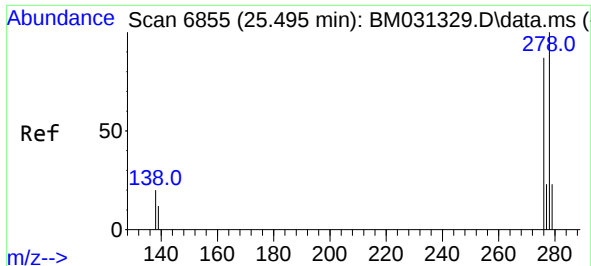
mohammad
8/2/2021 3:42:22 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.990 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion:	276	Resp:	29991
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.8
227	0.0	0.0	0.0





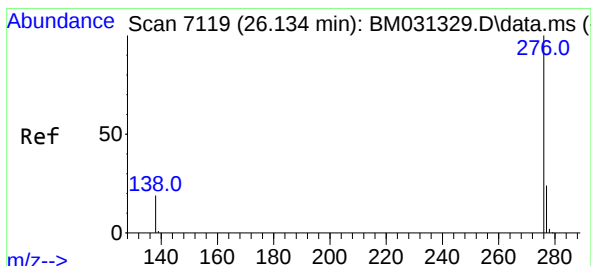
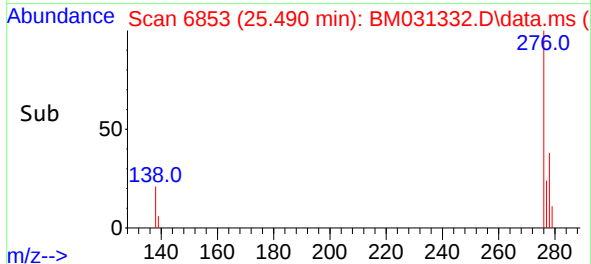
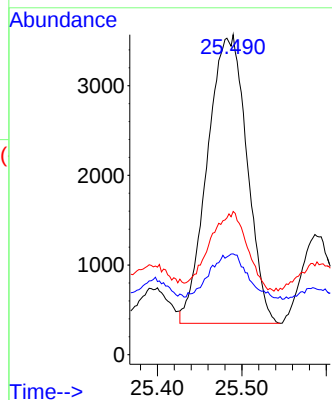
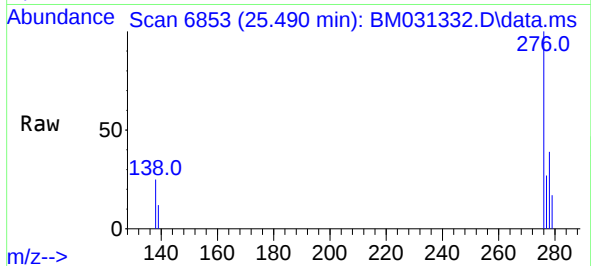
#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion: 278 Resp: 10436
Ion Ratio Lower Upper
278 100
139 31.5 13.3 19.9#
279 44.7 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0048

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.188 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031332.D
Acq: 01 Aug 2021 04:03

Tgt Ion: 276 Resp: 30710
Ion Ratio Lower Upper
276 100
138 23.4 15.4 23.2#
277 25.6 19.9 29.9

