

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032640.D
 Acq On : 21 Oct 2021 04:34
 Operator : CG/JU
 Sample : M4207-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B33

Manual Integrations
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mohammad
 10/21/2021 11:17:38 AM

Quant Time: Oct 21 05:16:54 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 : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6418	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	21545	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11269	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	20985	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.116	240	13533	0.40	ng/ul	0.00
23) Perylene-d12	23.249	264	11374	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	6215	0.86	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3028	0.11	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	5306	0.12	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	30270	0.46	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	20673	0.48	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	16279	0.39	ng/ul	99
10) Acenaphthylene	13.928	152	7330	0.15	ng/ul	98
11) Acenaphthene	14.270	153	16052	0.37	ng/ul	99
12) Fluorene	15.256	166	17444	0.35	ng/ul	99
15) Phenanthrene	16.984	178	313641	4.44	ng/ul	99
16) Anthracene	17.071	178	53413	0.86	ng/ul	100
19) Fluoranthene	18.996	202	441601	6.60	ng/ul	99
20) Pyrene	19.362	202	356627	5.18	ng/ul	98
21) Benzo(a)anthracene	21.101	228	154392	2.92	ng/ul	99
22) Chrysene	21.150	228	161999	2.78	ng/ul	98
24) Benzo(b)fluoranthene	22.619	252	192700m	3.67	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	77768m	1.49	ng/ul	
26) Benzo(a)pyrene	23.157	252	132741m	3.01	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.352	276	92428	1.72	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.355	278	22404	0.53	ng/ul	98
29) Benzo(g,h,i)perylene	26.004	276	74611	1.59	ng/ul	99

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

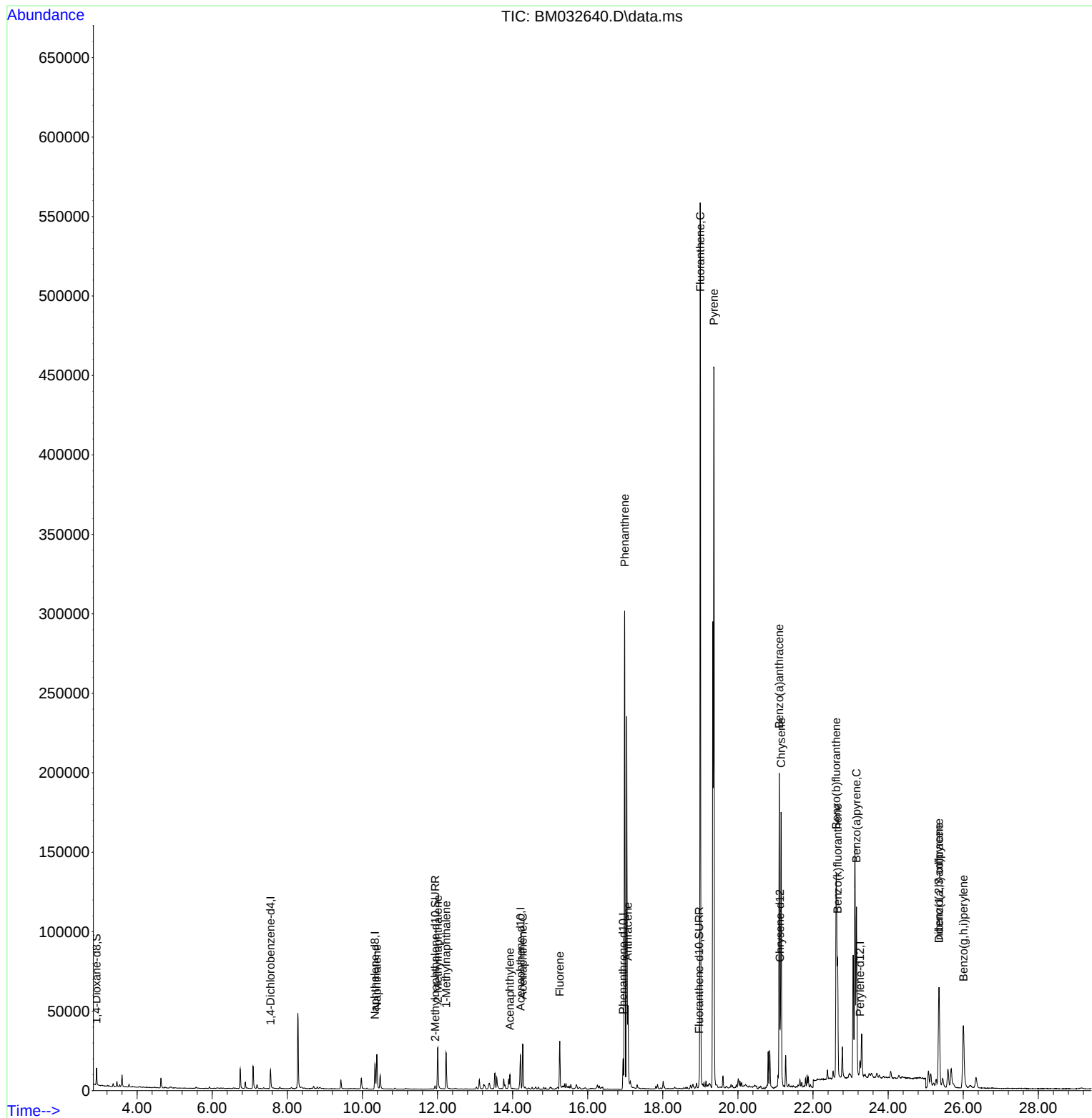
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032640.D
Acq On : 21 Oct 2021 04:34
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ALS Vial : 59 Sample Multiplier: 1

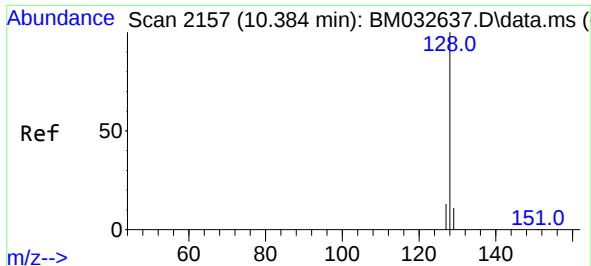
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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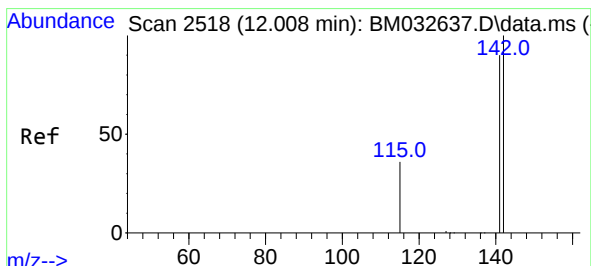
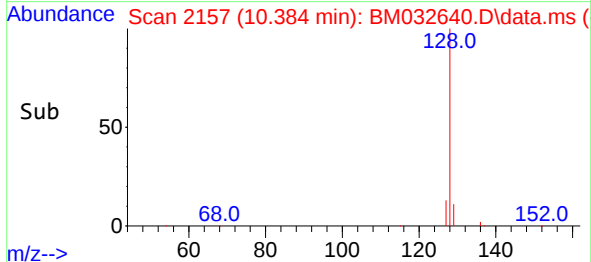
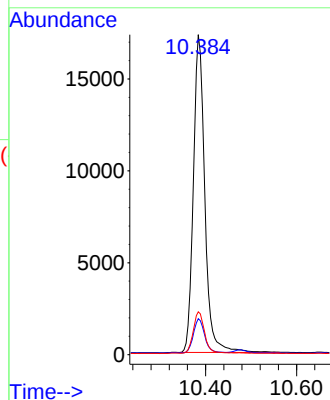
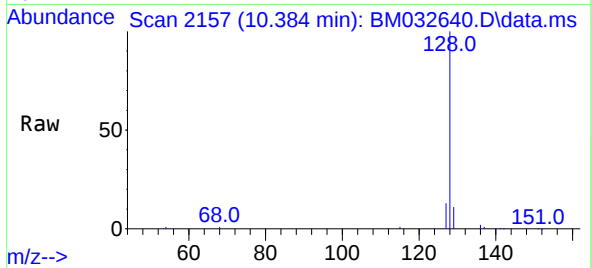
#5
Naphthalene
Concen: 0.46 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:128 Resp: 30270
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B33

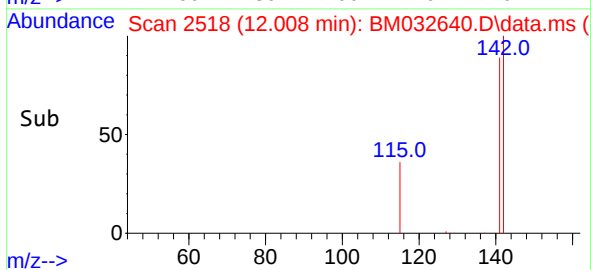
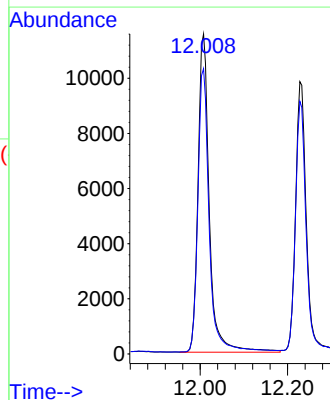
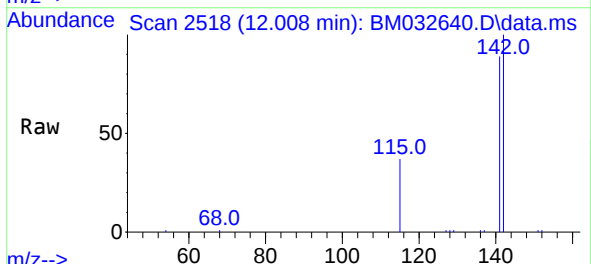
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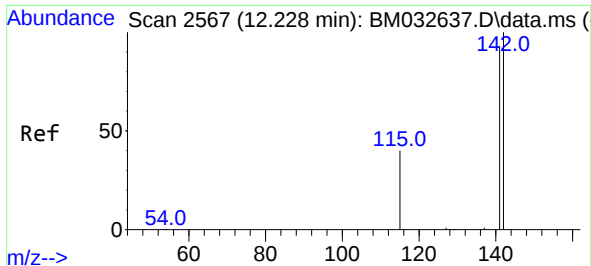
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#7
2-Methylnaphthalene
Concen: 0.48 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:142 Resp: 20673
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





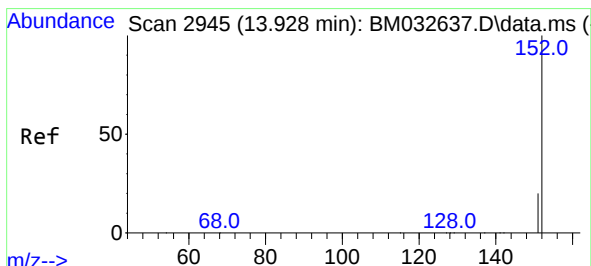
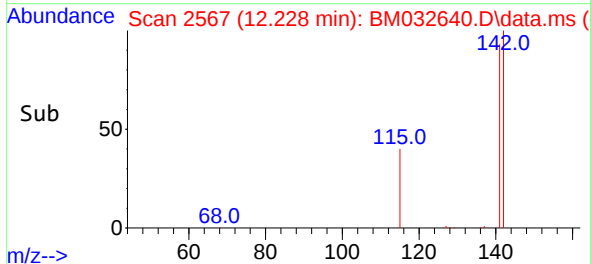
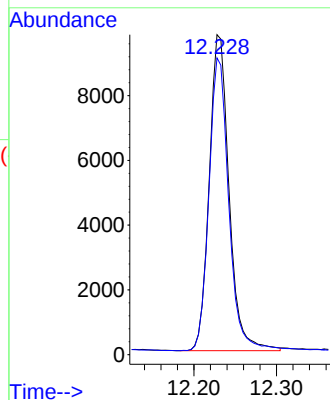
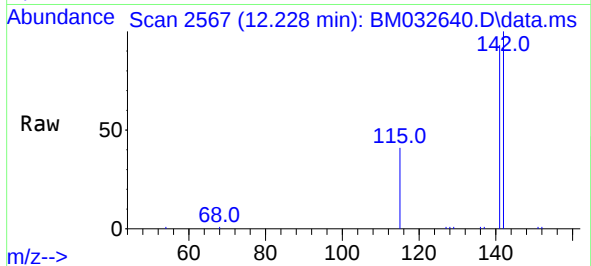
#8
1-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:142 Resp: 16279
Ion Ratio Lower Upper
142 100
141 92.6 74.9 112.3

Instrument :
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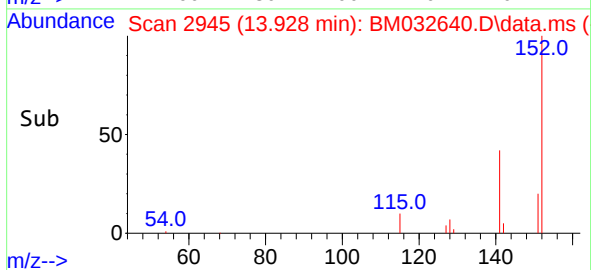
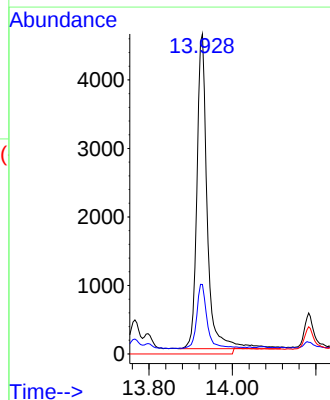
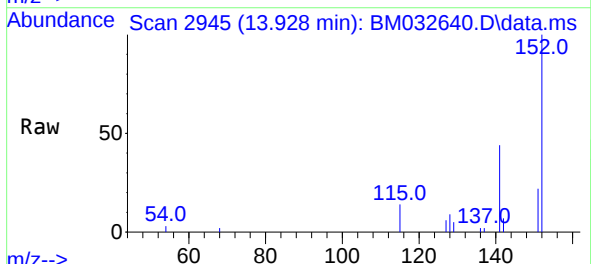
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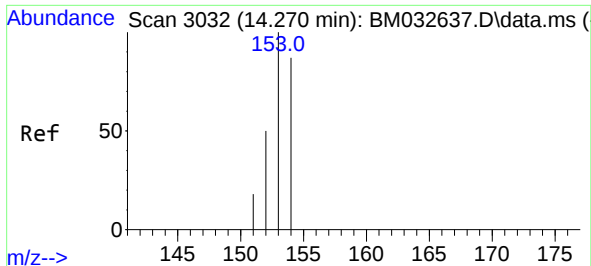
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#10
Acenaphthylene
Concen: 0.15 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

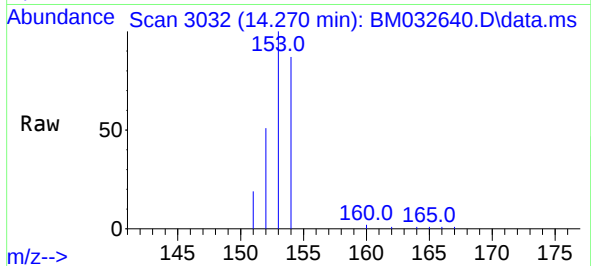
Tgt Ion:152 Resp: 7330
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.37 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

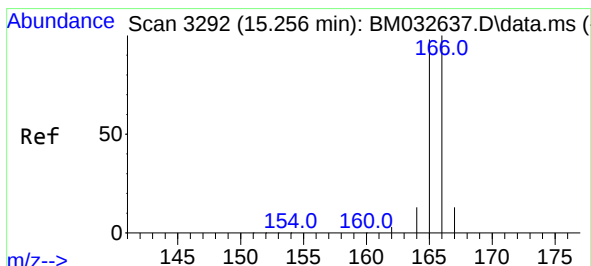
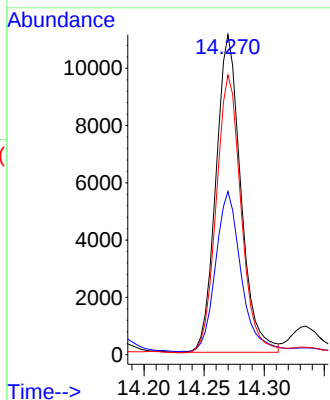
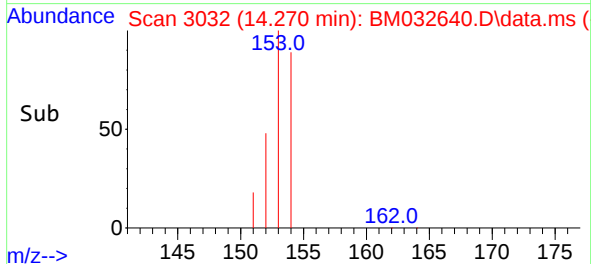
Instrument :
BNA_M
ClientSampleId :
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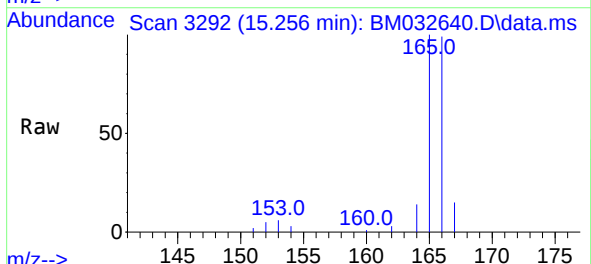
Tgt Ion:153 Resp: 16052
Ion Ratio Lower Upper
153 100
152 51.0 40.4 60.6
154 87.4 70.8 106.2

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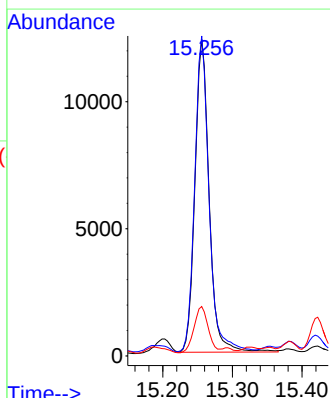
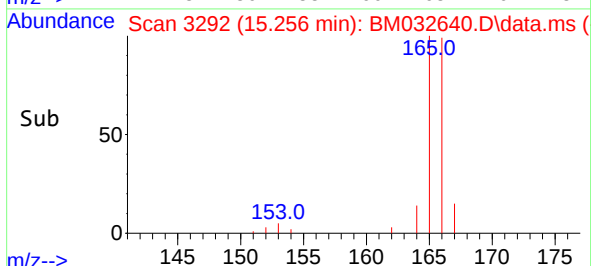
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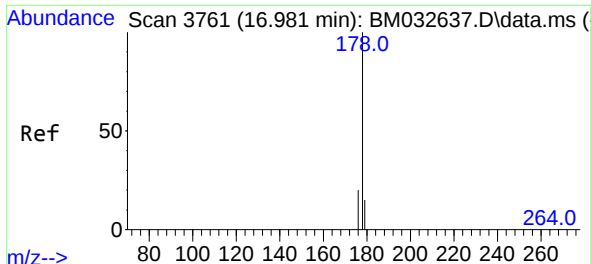


#12
Fluorene
Concen: 0.35 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34



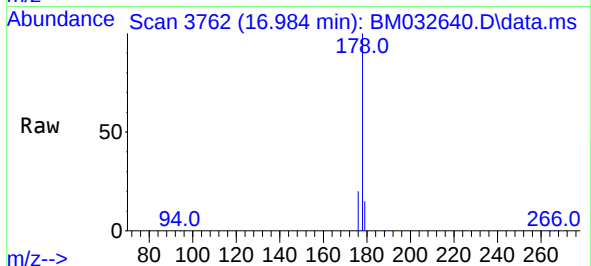
Tgt Ion:166 Resp: 17444
Ion Ratio Lower Upper
166 100
165 101.1 80.7 121.1
167 15.6 11.2 16.8





#15
Phenanthrene
Concen: 4.44 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

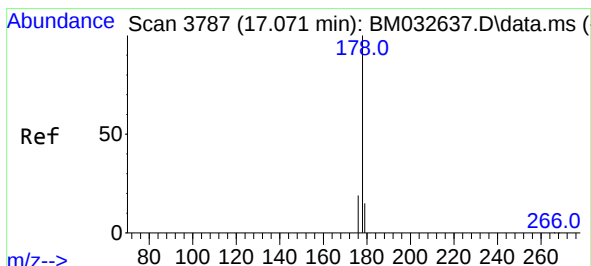
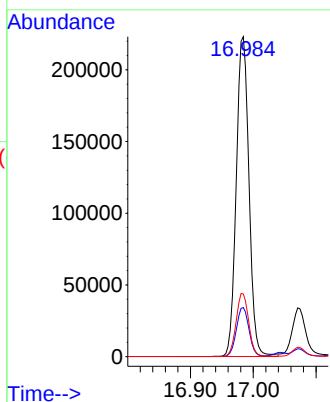
Instrument :
BNA_M
ClientSampled :
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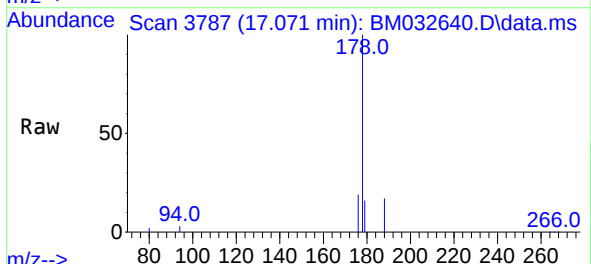
Tgt Ion:178 Resp: 313641
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.6 16.1 24.1

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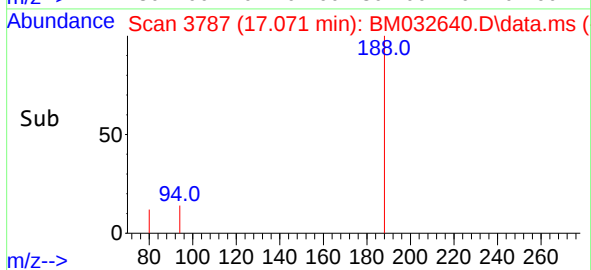
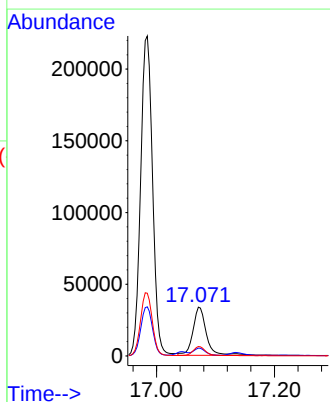
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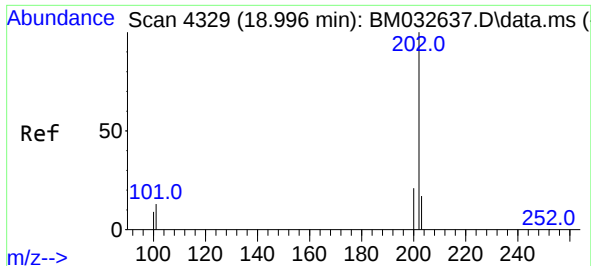


#16
Anthracene
Concen: 0.86 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34



Tgt Ion:178 Resp: 53413
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.4 15.8 23.6





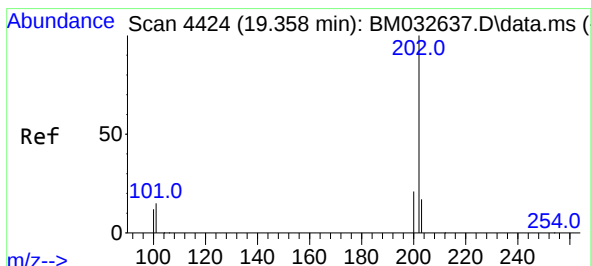
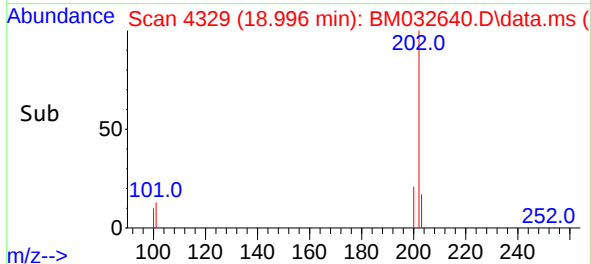
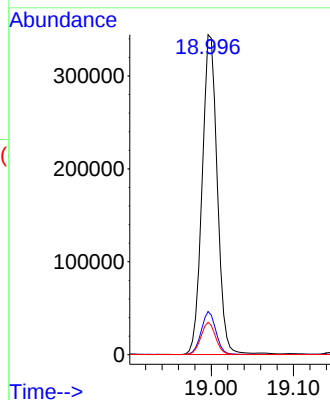
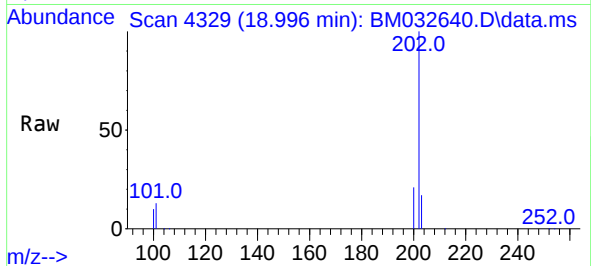
#19
Fluoranthene
Concen: 6.60 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:	202	Resp:	441601
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	10.1	7.8	11.8

Instrument :
BNA_M
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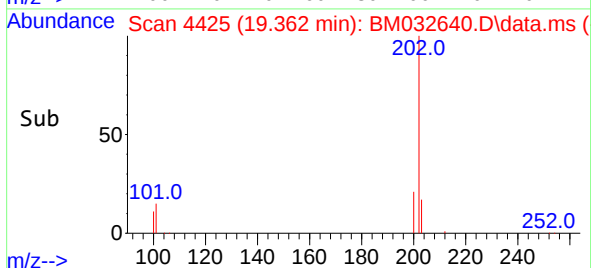
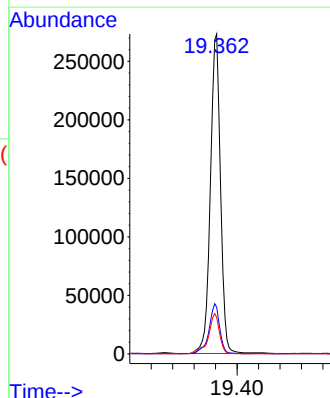
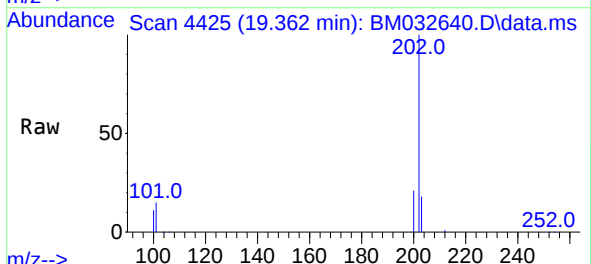
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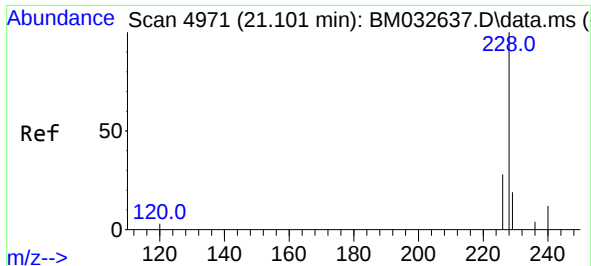
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#20
Pyrene
Concen: 5.18 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:	202	Resp:	356627
Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.3	18.5
100	11.4	10.1	15.1





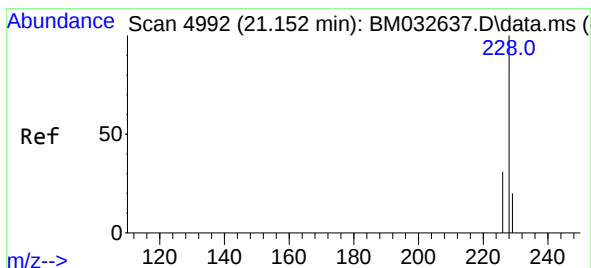
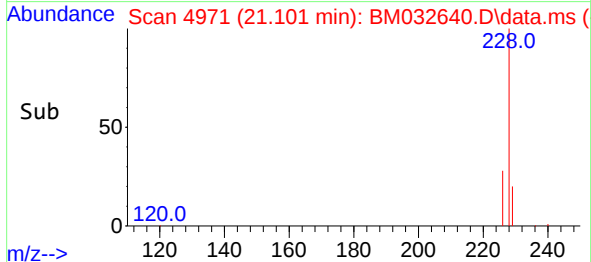
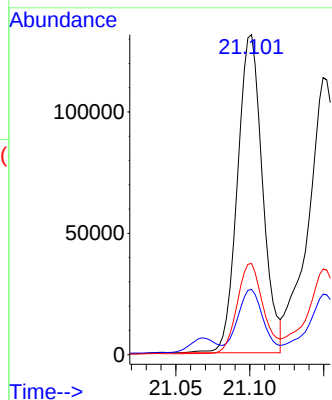
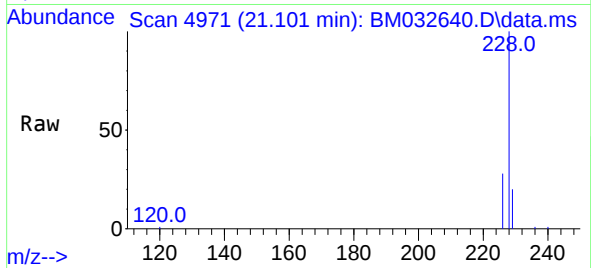
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Benzo(a)anthracene
Concen: 2.92 ng/ul
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:228 Resp: 154392
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.5 22.4 33.6

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ClientSampled :
C0B33

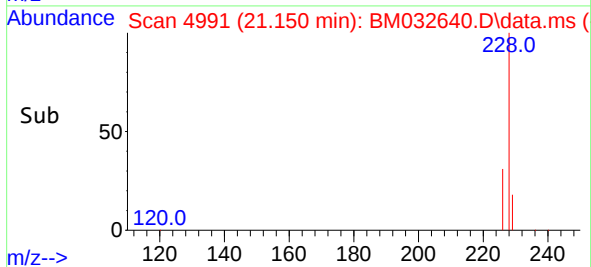
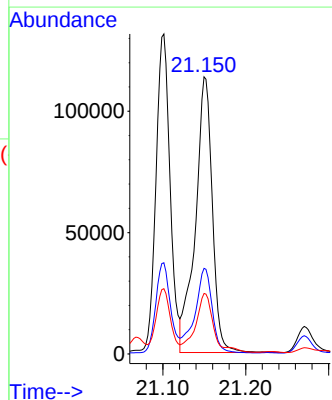
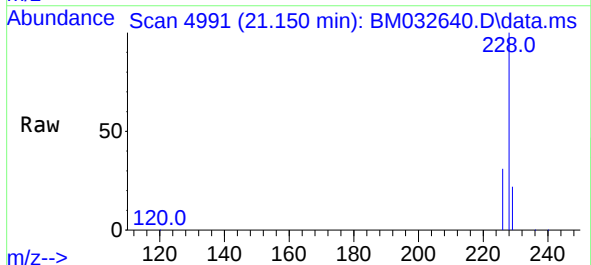
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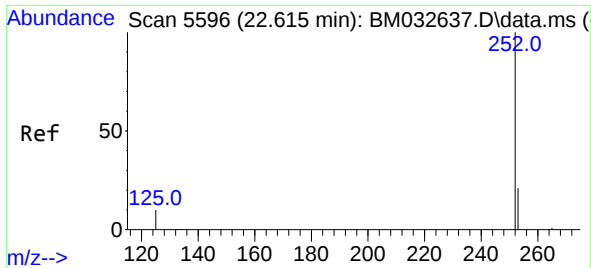
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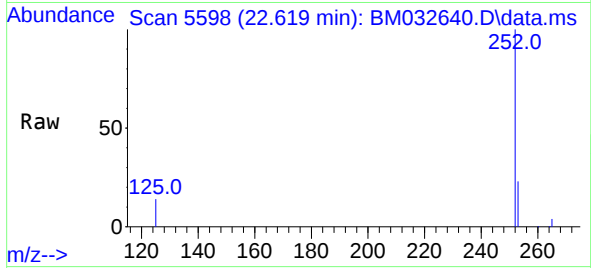
#22
Chrysene
Concen: 2.78 ng/ul
RT: 21.150 min Scan# 4991
Delta R.T. -0.010 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:228 Resp: 161999
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 21.8 15.7 23.5

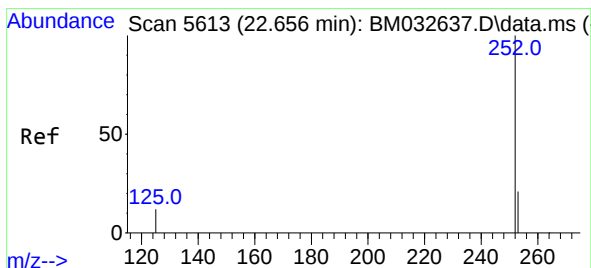
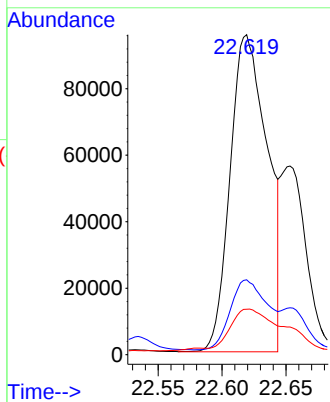
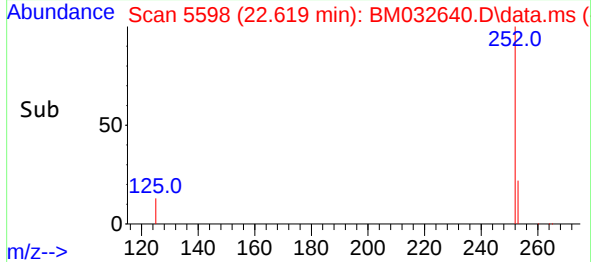




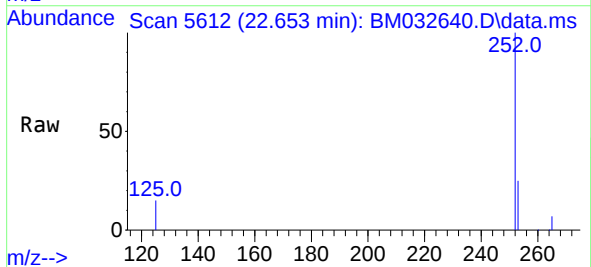
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Benzo(b)fluoranthene
Concen: 3.67 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.007 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34



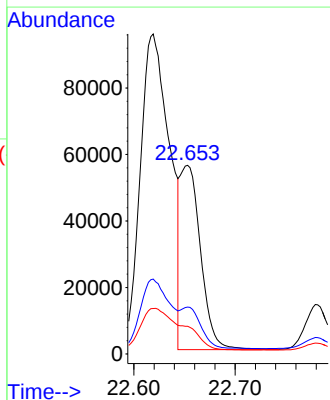
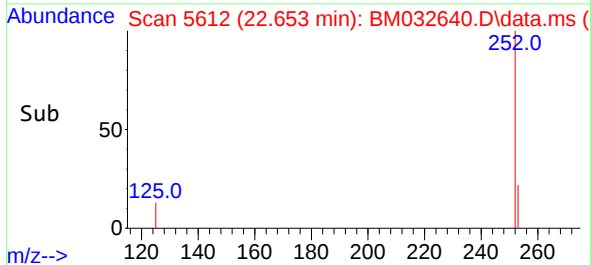
Tgt Ion:252 Resp: 192700
Ion Ratio Lower Upper
252 100
253 23.4 0.0 53.8
125 14.2 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 1.49 ng/ul m
RT: 22.653 min Scan# 5612
Delta R.T. -0.012 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34



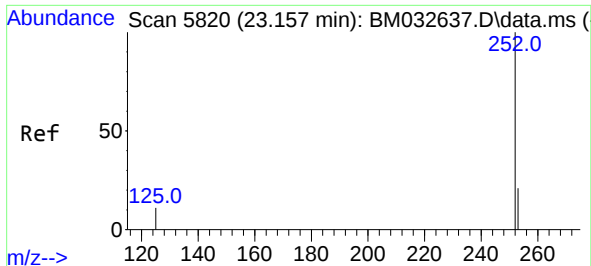
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Ion Ratio Lower Upper
252 100
253 24.8 21.8 32.6
125 14.7 14.4 21.6



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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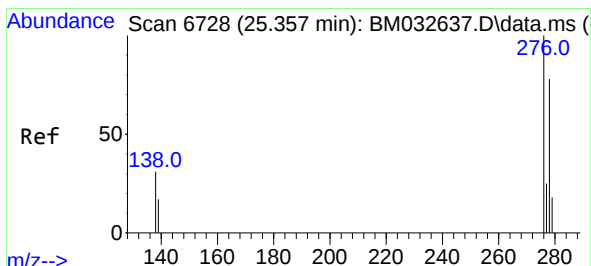
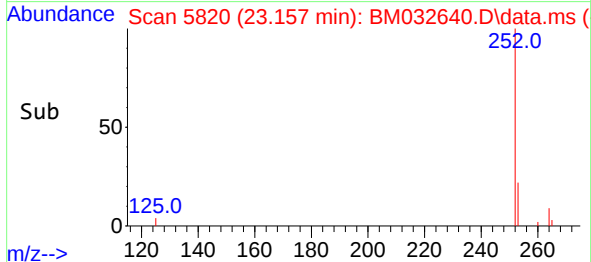
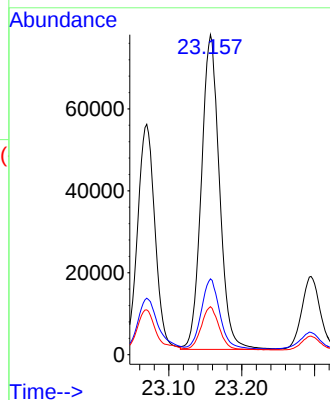
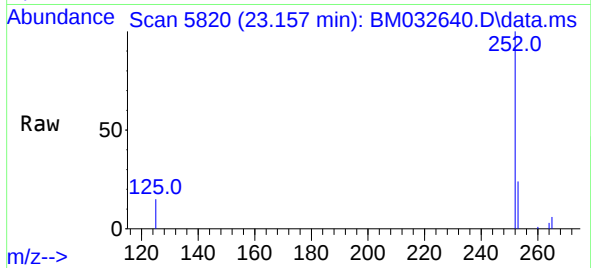
#26
Benzo(a)pyrene
Concen: 3.01 ng/ul m
RT: 23.157 min Scan# 5820
Delta R.T. -0.012 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:252 Resp: 132741
Ion Ratio Lower Upper
252 100
253 23.7 23.6 35.4
125 15.0 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
C0B33

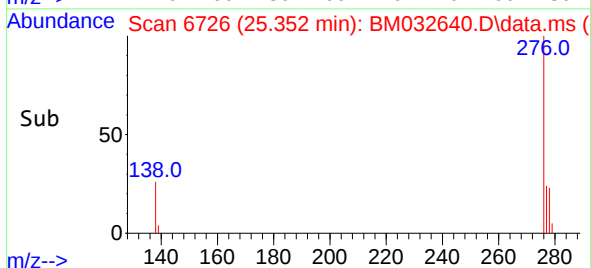
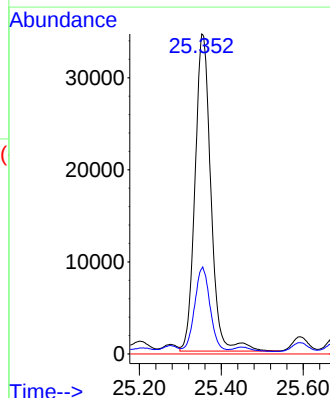
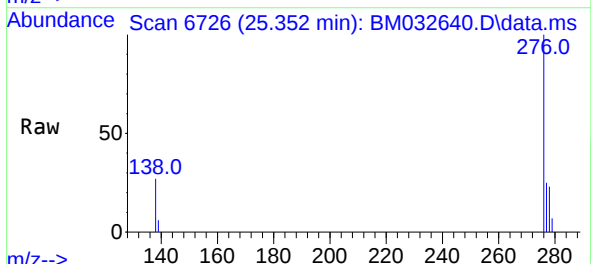
Manual Integrations
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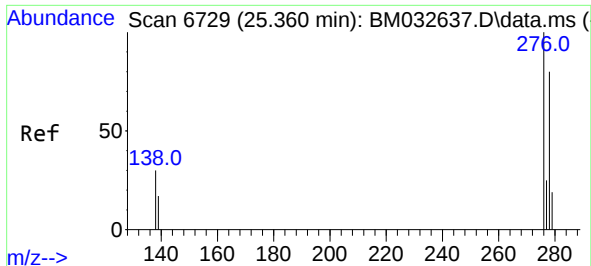
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 25.352 min Scan# 6726
Delta R.T. -0.020 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:276 Resp: 92428
Ion Ratio Lower Upper
276 100
138 25.1 24.9 37.3
227 0.0 0.0 0.0





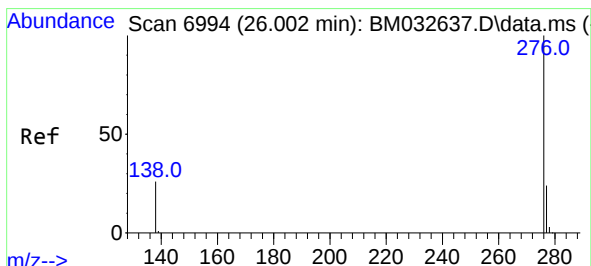
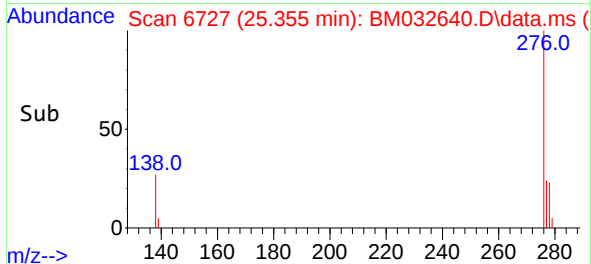
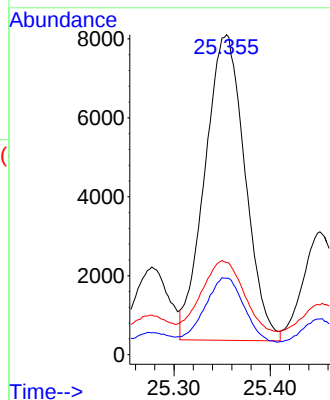
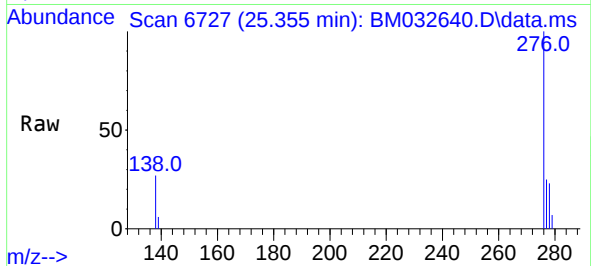
#28
Dibenzo(a,h)anthracene
Concen: 0.53 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.022 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:278 Resp: 22404
Ion Ratio Lower Upper
278 100
139 23.9 18.6 28.0
279 28.8 22.0 33.0

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.59 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.015 min
Lab File: BM032640.D
Acq: 21 Oct 2021 04:34

Tgt Ion:276 Resp: 74611
Ion Ratio Lower Upper
276 100
138 27.6 22.6 33.8
277 24.2 19.9 29.9

