

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032628.D
 Acq On : 20 Oct 2021 20:48
 Operator : CG/JU
 Sample : M4207-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY7

Manual Integrations
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Quant Time: Oct 21 04:47:38 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	7.556	152	7326	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	22951	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11188	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	20747	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	13945	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	22251	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	25265	3.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3778	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	6474	0.15	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.389	128	36261	0.52	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	19602	0.43	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	9101	0.20	ng/ul	99
10) Acenaphthylene	13.928	152	43573	0.91	ng/ul	98
11) Acenaphthene	14.274	153	6111	0.14	ng/ul	99
12) Fluorene	15.256	166	21529	0.44	ng/ul	98
14) Pentachlorophenol	16.616	266	291	0.05	ng/ul	97
15) Phenanthrene	16.984	178	205604	2.95	ng/ul	99
16) Anthracene	17.074	178	1728316	28.20	ng/ul	100
19) Fluoranthene	19.000	202	925219	13.41	ng/ul	100
20) Pyrene	19.362	202	850802	11.99	ng/ul	100
21) Benzo(a)anthracene	21.106	228	705198	12.94	ng/ul	98
22) Chrysene	21.159	228	2459943	41.03	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	1638770m	15.94	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	612717m	5.99	ng/ul	
26) Benzo(a)pyrene	23.167	252	950611	11.03	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.376	276	1529111	14.52	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.372	278	395904	4.76	ng/ul	95
29) Benzo(g,h,i)perylene	26.028	276	1549603	16.88	ng/ul	99

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

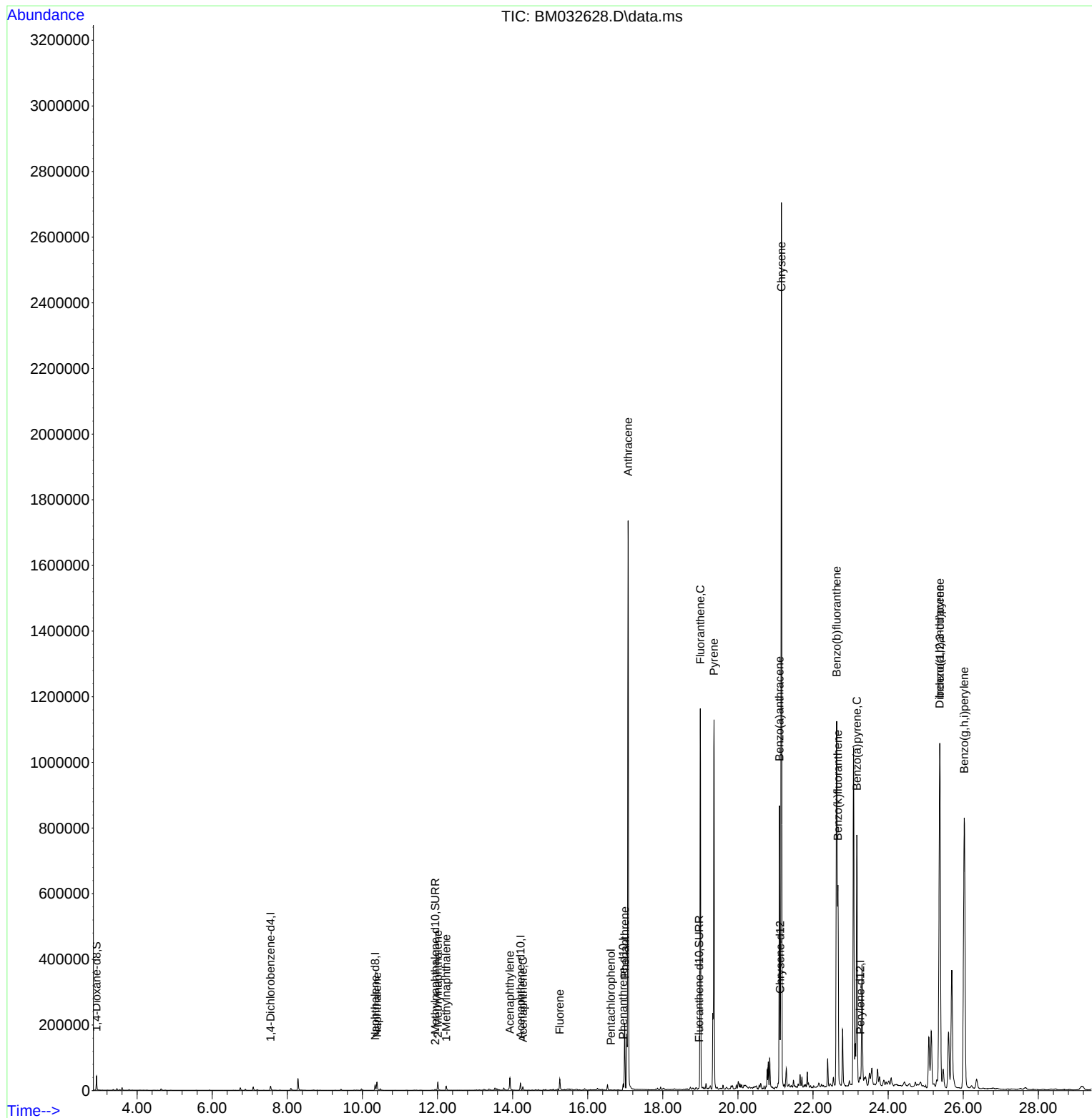
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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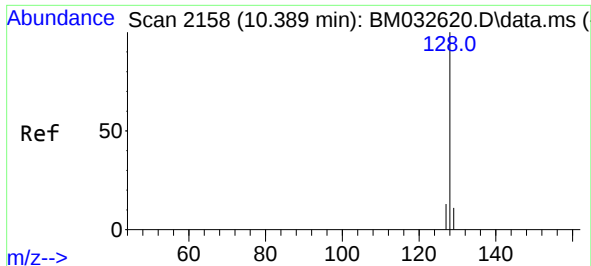
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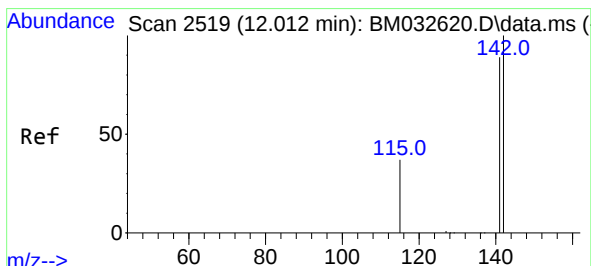
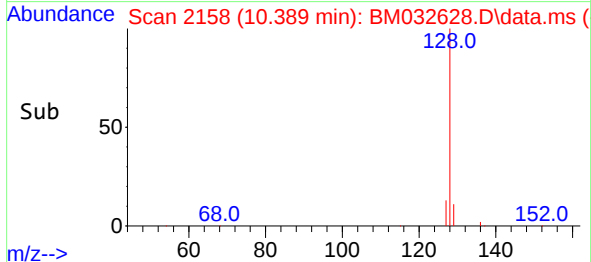
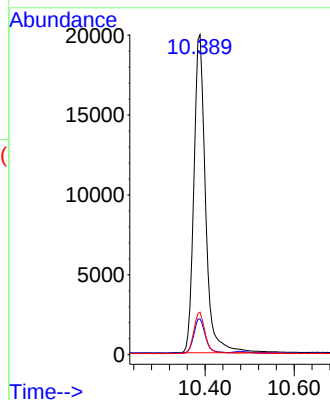
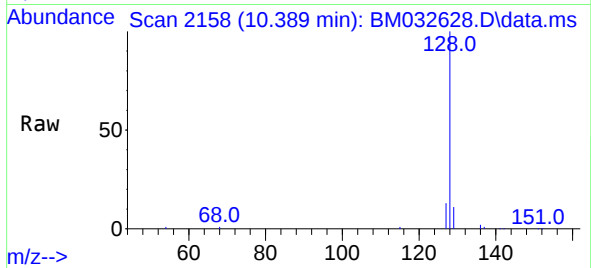
#5
Naphthalene
Concen: 0.52 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:128 Resp: 36261
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 11.1 16.7

Instrument :
BNA_M
ClientSampled :
C0AY7

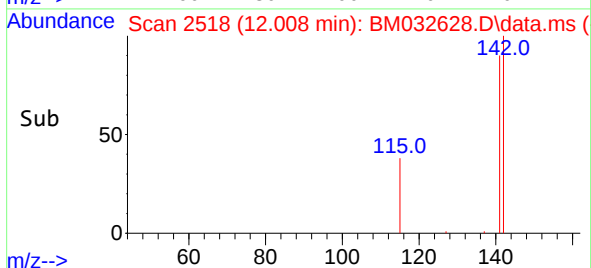
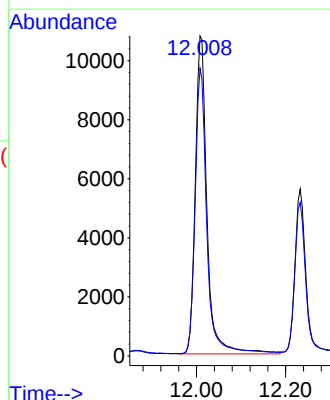
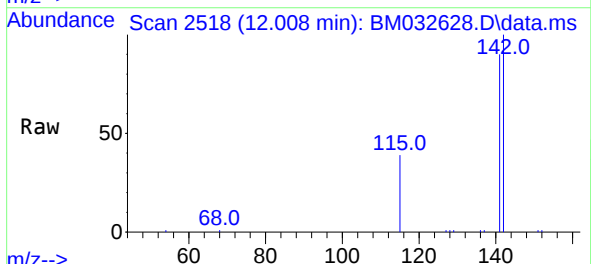
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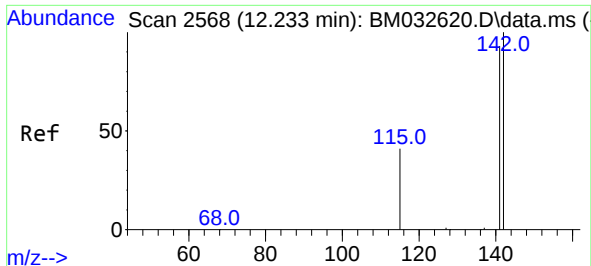
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#7
2-Methylnaphthalene
Concen: 0.43 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:142 Resp: 19602
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





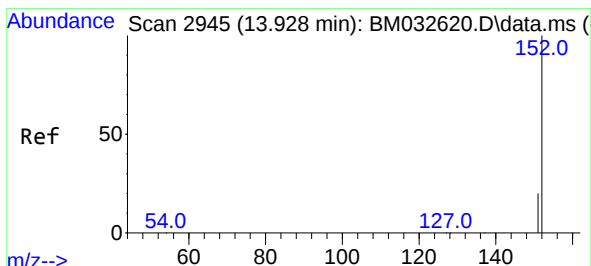
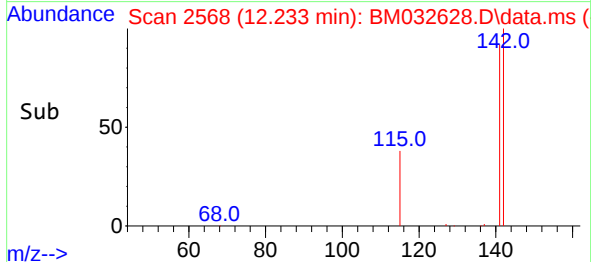
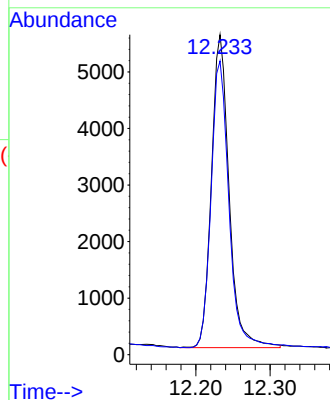
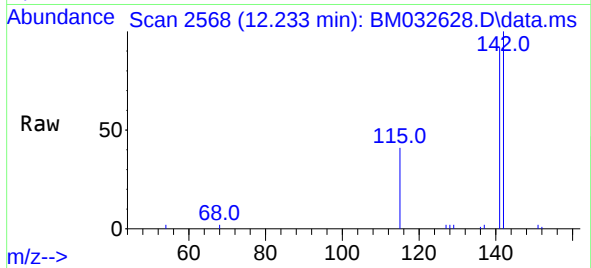
#8
1-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:142 Resp: 9101
Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3

Instrument :
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ClientSampled :
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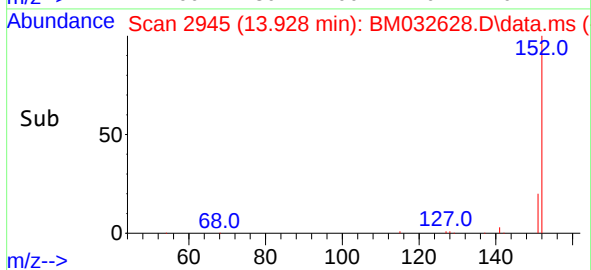
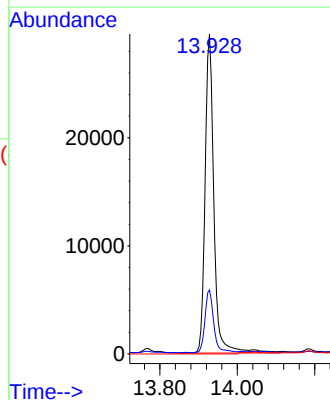
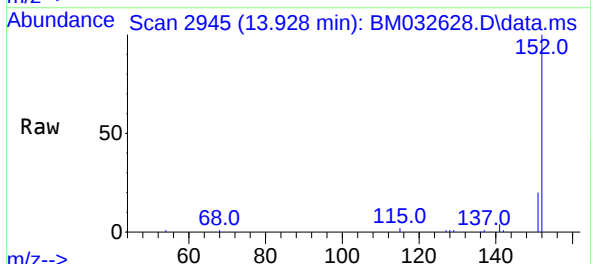
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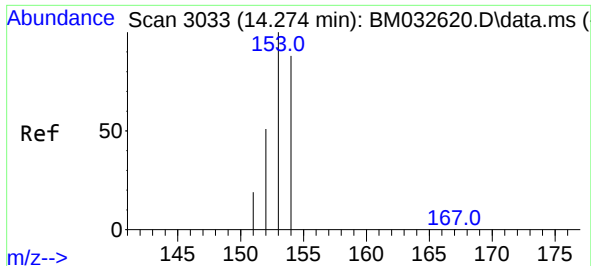
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#10
Acenaphthylene
Concen: 0.91 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

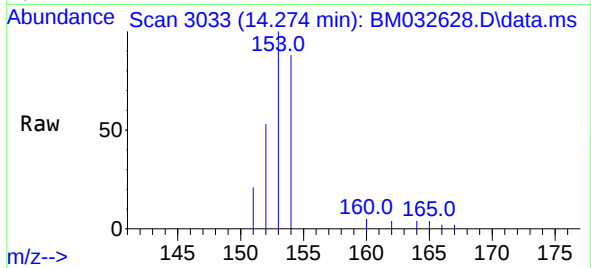
Tgt Ion:152 Resp: 43573
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1
153 0.0 0.0 0.0



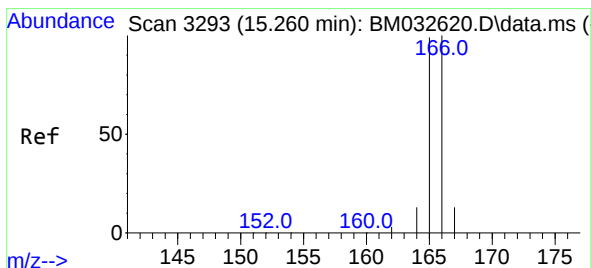
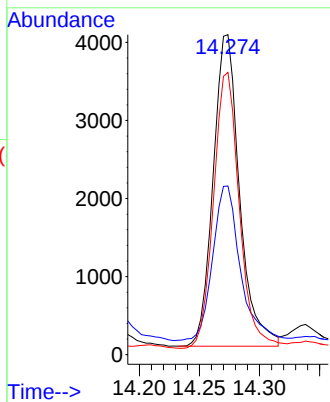
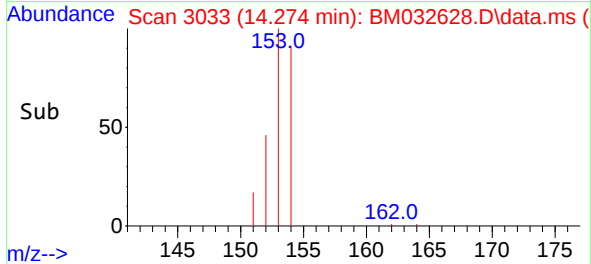


#11
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.000 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

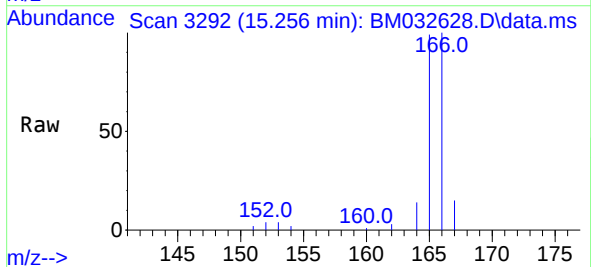
Instrument :
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ClientSampled :
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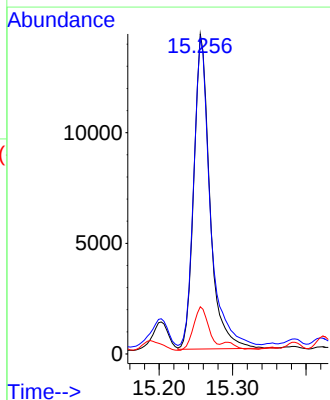
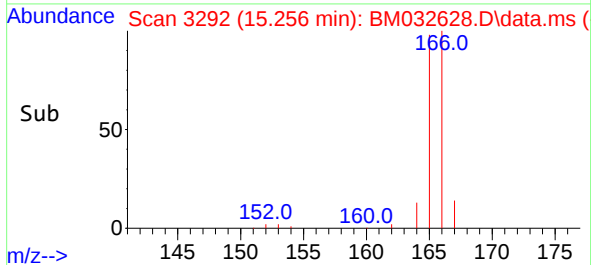
Tgt Ion:153 Resp: 6111
Ion Ratio Lower Upper
153 100
152 52.7 40.4 60.6
154 88.2 70.8 106.2

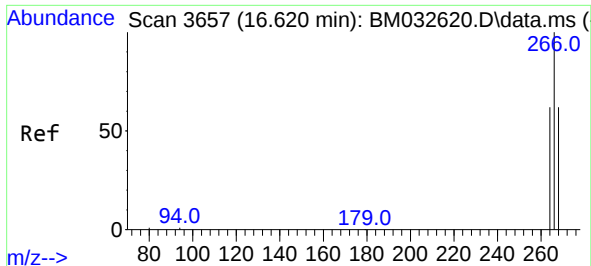


#12
Fluorene
Concen: 0.44 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48



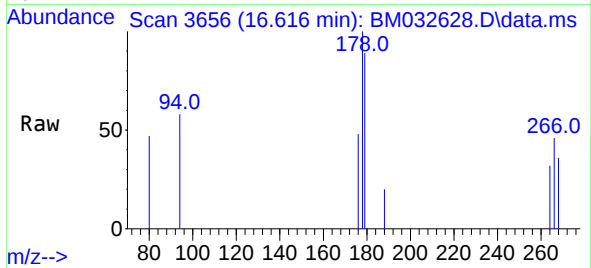
Tgt Ion:166 Resp: 21529
Ion Ratio Lower Upper
166 100
165 98.7 80.7 121.1
167 14.7 11.2 16.8





#14
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.616 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

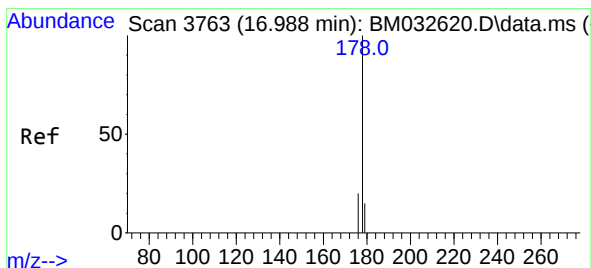
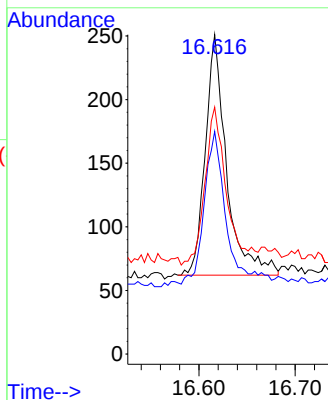
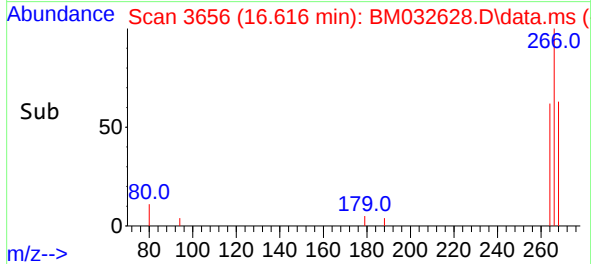
Instrument :
BNA_M
ClientSampleId :
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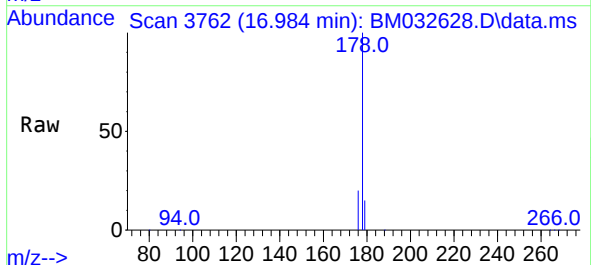
Tgt Ion:	266	Resp:	291
Ion	Ratio	Lower	Upper
266	100		
264	64.6	50.8	76.2
268	66.3	50.2	75.2

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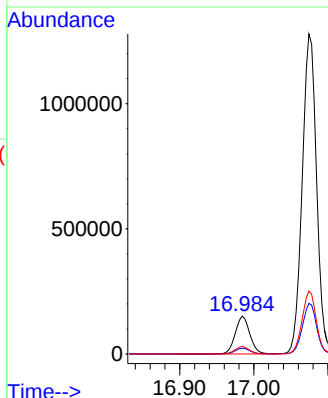
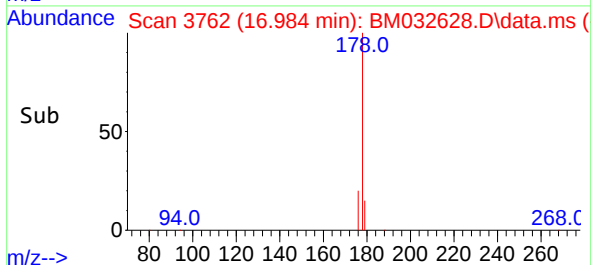
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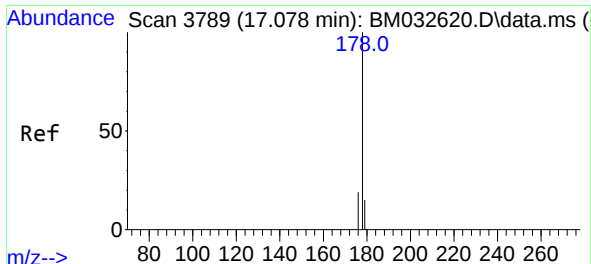


#15
Phenanthrene
Concen: 2.95 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48



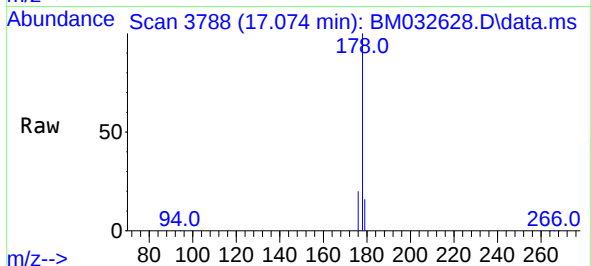
Tgt Ion:	178	Resp:	205604
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.8	16.1	24.1





#16
 Anthracene
 Concen: 28.20 ng/ul
 RT: 17.074 min Scan# 3788
 Delta R.T. -0.004 min
 Lab File: BM032628.D
 Acq: 20 Oct 2021 20:48

Instrument :
 BNA_M
 ClientSampleId :
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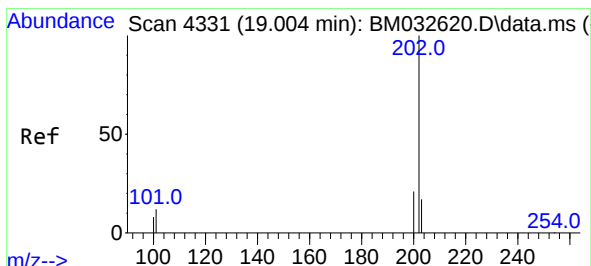
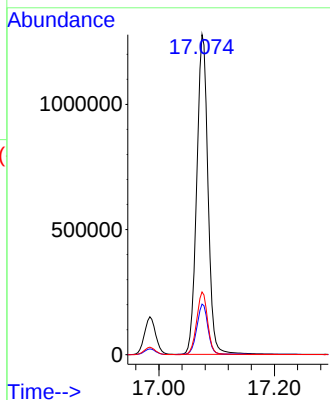
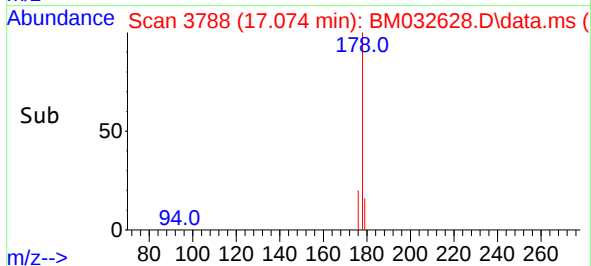


Tgt Ion:178 Resp: 1728316

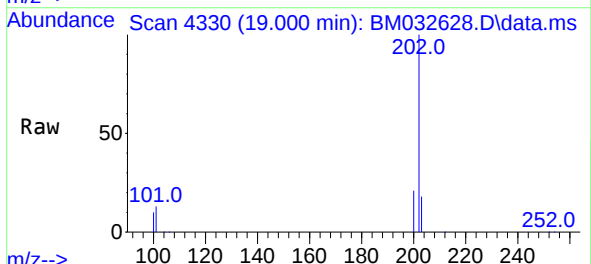
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.6	15.8	23.6

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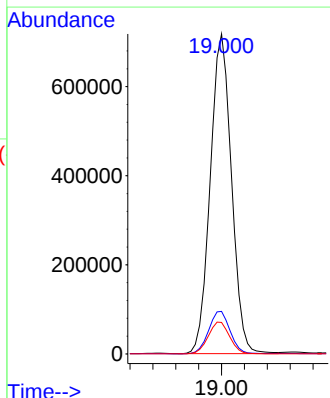
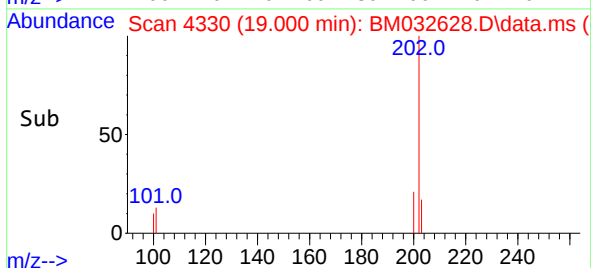


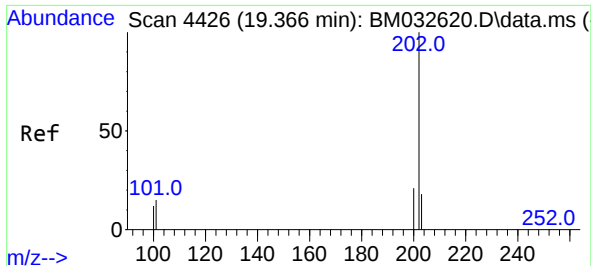
#19
 Fluoranthene
 Concen: 13.41 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.004 min
 Lab File: BM032628.D
 Acq: 20 Oct 2021 20:48



Tgt Ion:202 Resp: 925219

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	9.9	7.8	11.8





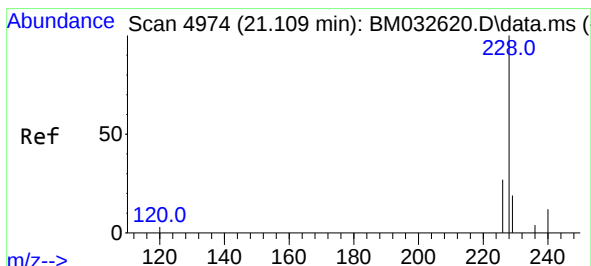
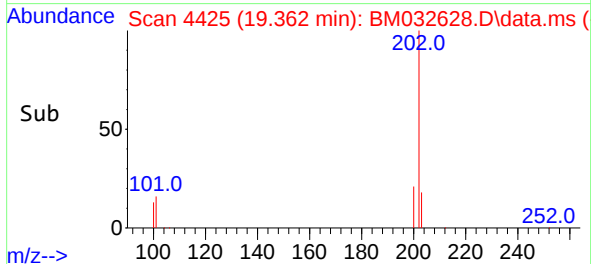
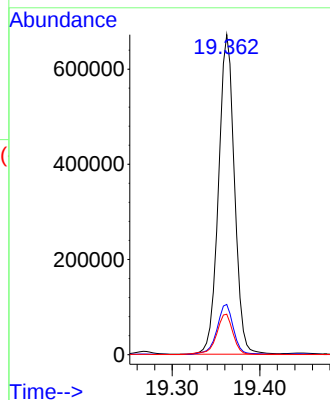
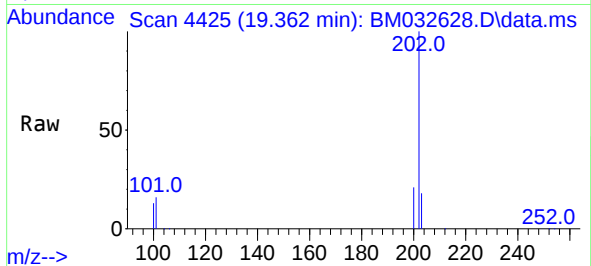
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Pyrene
Concen: 11.99 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:202 Resp: 850802
Ion Ratio Lower Upper
202 100
101 15.7 12.3 18.5
100 12.6 10.1 15.1

Instrument :
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ClientSampled :
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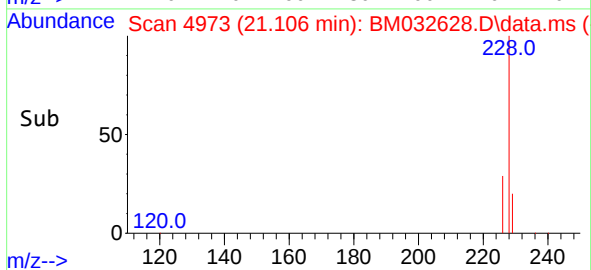
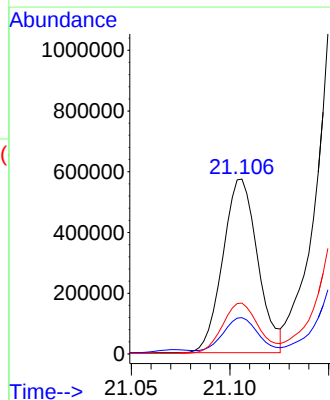
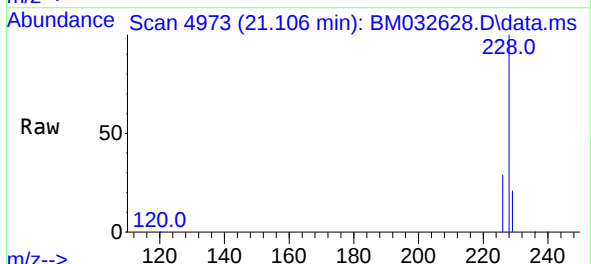
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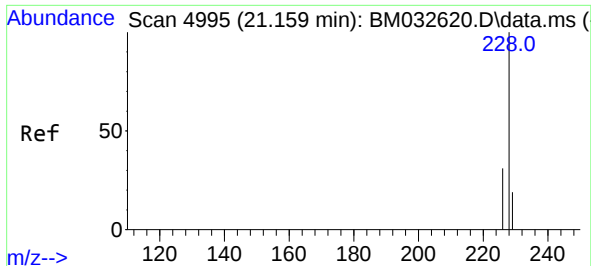
mohammad
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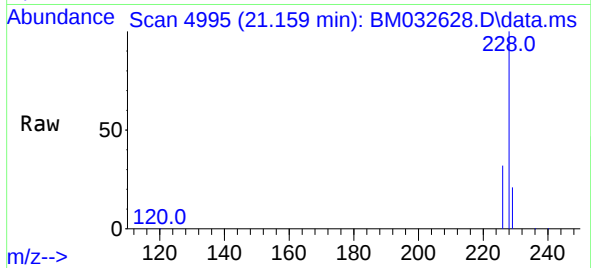
#21
Benzo(a)anthracene
Concen: 12.94 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.003 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:228 Resp: 705198
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 29.1 22.4 33.6

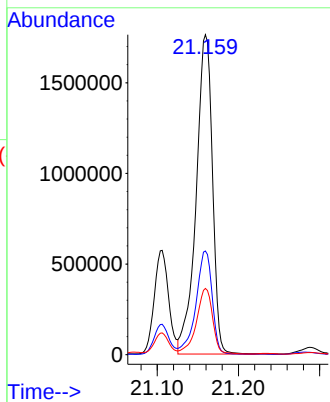
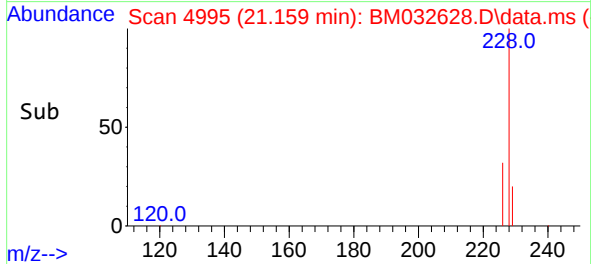




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Chrysene
Concen: 41.03 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48



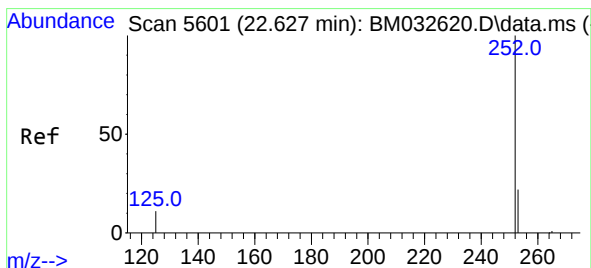
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Ion Ratio Lower Upper
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226 32.4 25.1 37.7
229 20.7 15.7 23.5



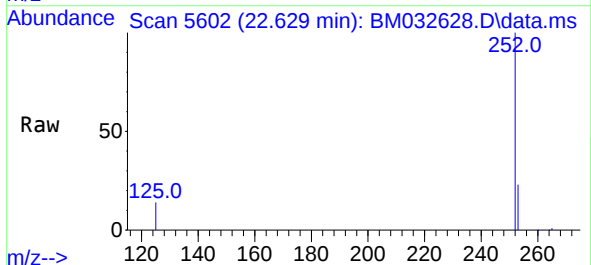
Instrument :
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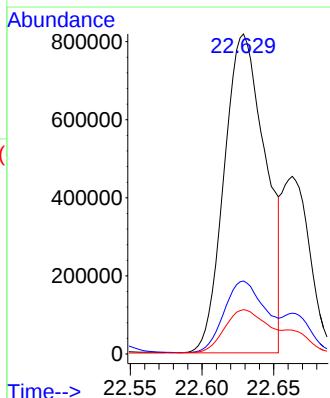
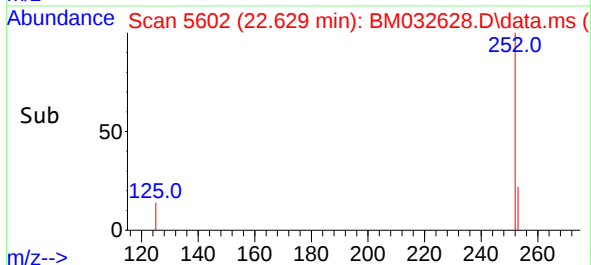
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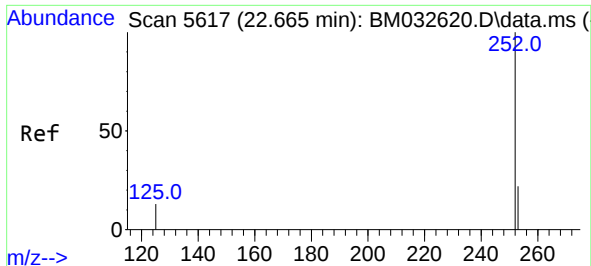


#24
Benzo(b)fluoranthene
Concen: 15.94 ng/u1 m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48



Tgt Ion:252 Resp: 1638770
Ion Ratio Lower Upper
252 100
253 22.8 0.0 53.8
125 13.8 0.0 35.6





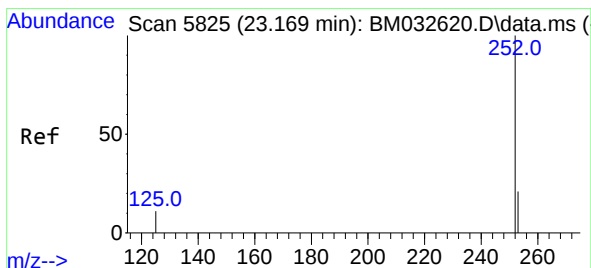
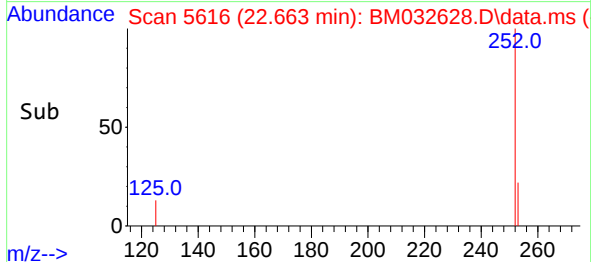
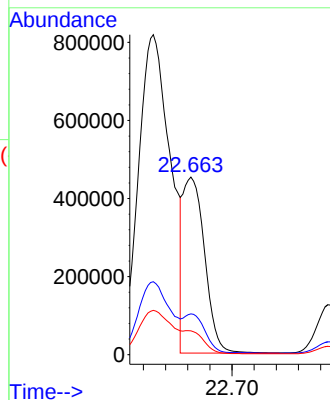
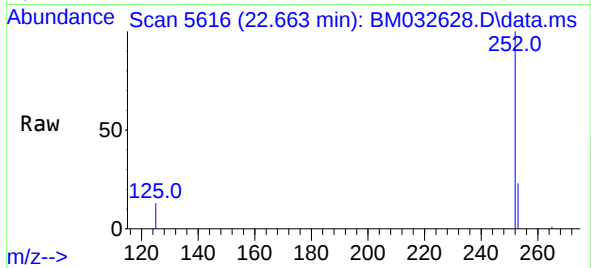
#25
Benzo(k)fluoranthene
Concen: 5.99 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.003 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:252 Resp: 612717
Ion Ratio Lower Upper
252 100
253 23.0 21.8 32.6
125 13.5 14.4 21.6#

Instrument :
BNA_M
ClientSampled :
C0AY7

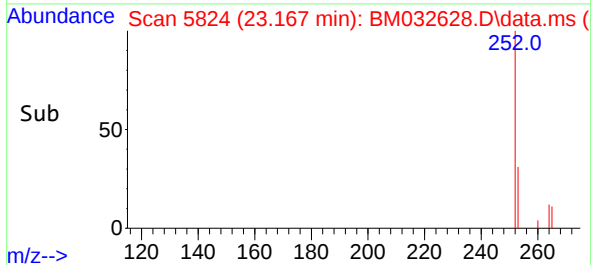
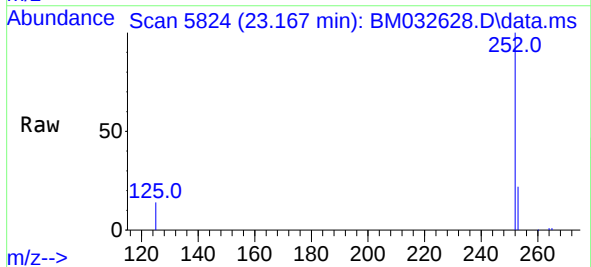
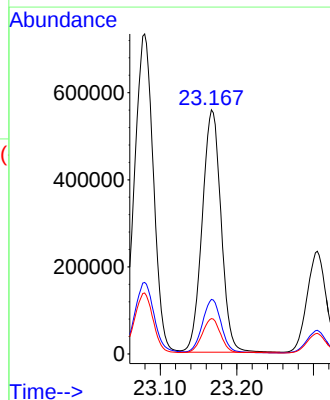
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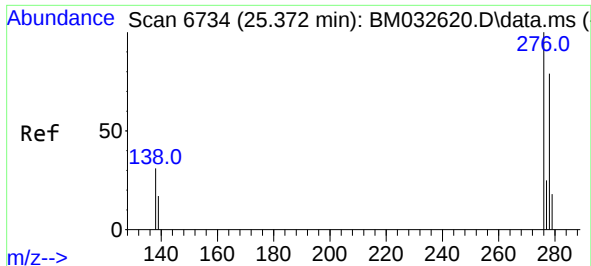
mohammad
10/21/2021 11:17:06 AM



#26
Benzo(a)pyrene
Concen: 11.03 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.003 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:252 Resp: 950611
Ion Ratio Lower Upper
252 100
253 22.4 23.6 35.4#
125 14.5 17.1 25.7#





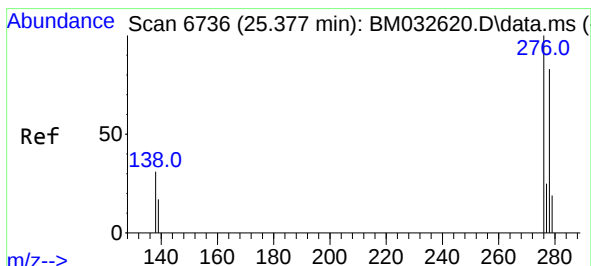
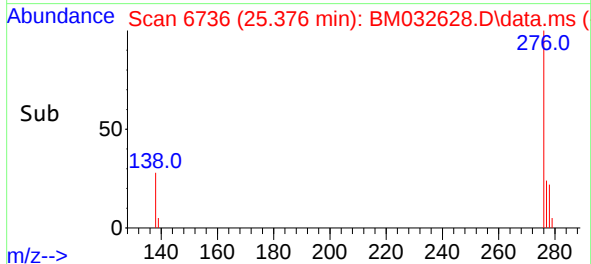
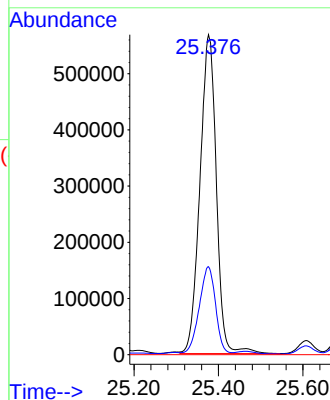
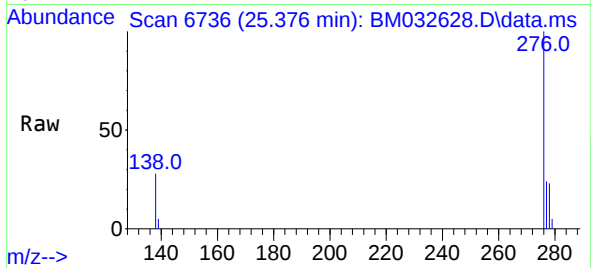
#27
Indeno(1,2,3-cd)pyrene
Concen: 14.52 ng/u1
RT: 25.376 min Scan# 6736
Delta R.T. 0.005 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:276 Resp: 1529111
Ion Ratio Lower Upper
276 100
138 27.1 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0AY7

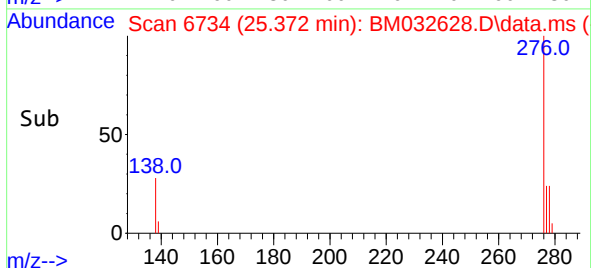
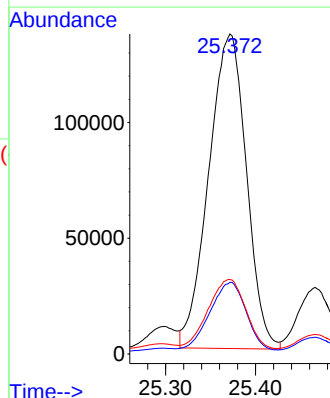
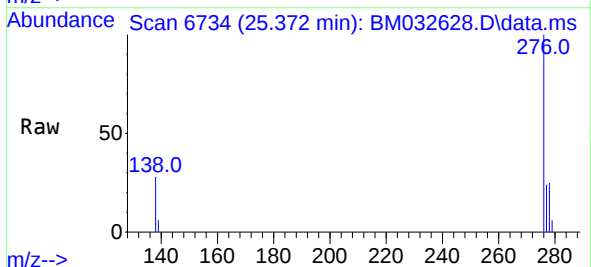
Manual Integrations
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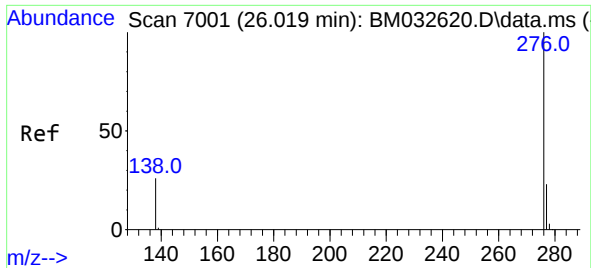
mohammad
10/21/2021 11:17:06 AM



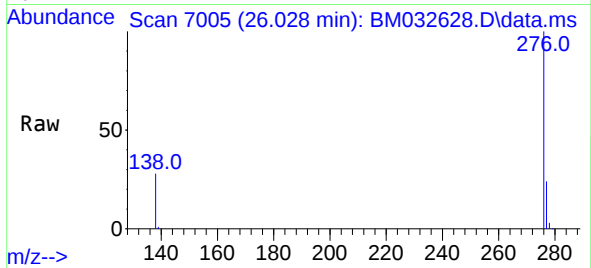
#28
Dibenzo(a,h)anthracene
Concen: 4.76 ng/u1
RT: 25.372 min Scan# 6734
Delta R.T. -0.005 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48

Tgt Ion:278 Resp: 395904
Ion Ratio Lower Upper
278 100
139 22.4 18.6 28.0
279 23.3 22.0 33.0

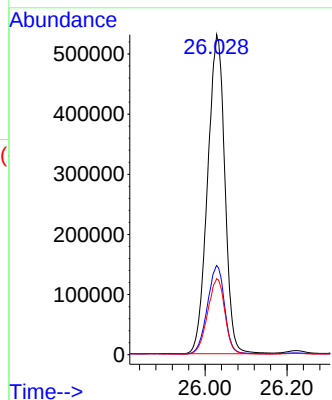
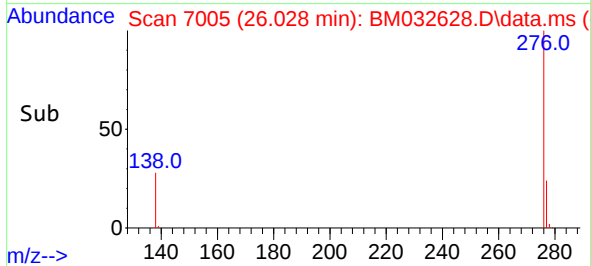




#29
Benzo(g,h,i)perylene
Concen: 16.88 ng/ul
RT: 26.028 min Scan# 7005
Delta R.T. 0.010 min
Lab File: BM032628.D
Acq: 20 Oct 2021 20:48



Tgt Ion: 276 Resp: 1549603
Ion Ratio Lower Upper
276 100
138 27.8 22.6 33.8
277 23.8 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0AY7

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:06 AM