

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032074.D
 Acq On : 04 Sep 2021 12:56
 Operator : CG/JU
 Sample : M3486-09DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW5DL

Manual Integrations
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mohammad
 9/7/2021 11:38:36 AM

Quant Time: Sep 06 02:11:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	6213	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3281	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	6158	0.400	ng/ul	-0.01
17) Chrysene-d12	21.062	240	4699	0.400	ng/ul	-0.01
23) Perylene-d12	23.176	264	5287	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2482	1.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.813	152	726	0.075	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	1318	0.096	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	1732	0.105	ng/ul#	94
7) 2-Methylnaphthalene	11.885	142	1228	0.107	ng/ul	98
8) 1-Methylnaphthalene	12.110	142	1003	0.089	ng/ul	95
10) Acenaphthylene	13.815	152	1559	0.118	ng/ul	91
15) Phenanthrene	16.893	178	9044	0.483	ng/ul	99
16) Anthracene	16.990	178	572	0.035	ng/ul#	73
19) Fluoranthene	18.923	202	14002	0.689	ng/ul	100
20) Pyrene	19.285	202	12871	0.615	ng/ul	98
21) Benzo(a)anthracene	21.045	228	3043	0.177	ng/ul	94
22) Chrysene	21.098	228	6449	0.327	ng/ul	96
24) Benzo(b)fluoranthene	22.553	252	9068m	0.373	ng/ul	
25) Benzo(k)fluoranthene	22.592	252	2916m	0.116	ng/ul	
26) Benzo(a)pyrene	23.081	252	5409	0.255	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.245	276	4566	0.158	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.247	278	1071	0.046	ng/ul#	48
29) Benzo(g,h,i)perylene	25.877	276	4142	0.161	ng/ul#	93

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

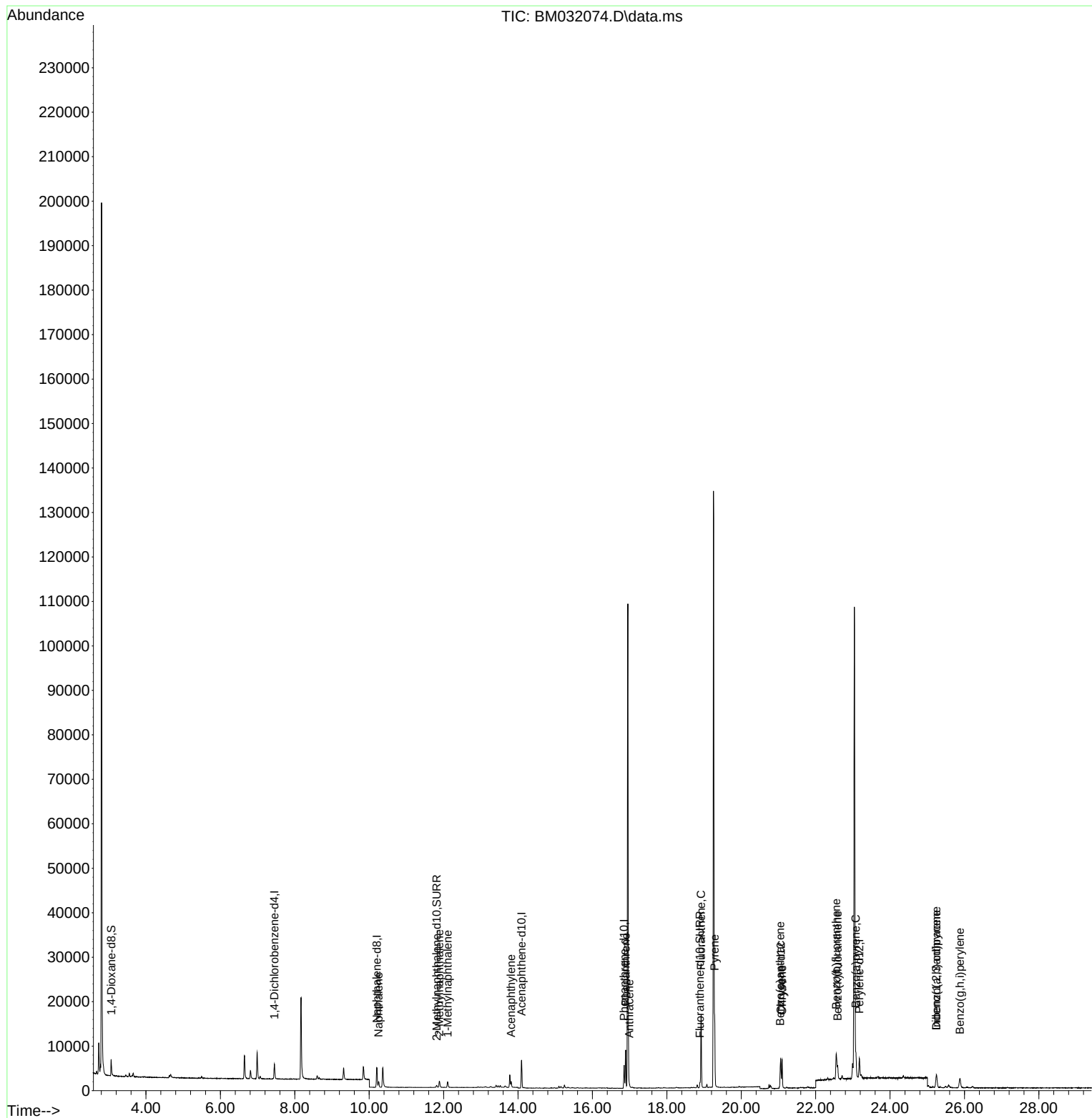
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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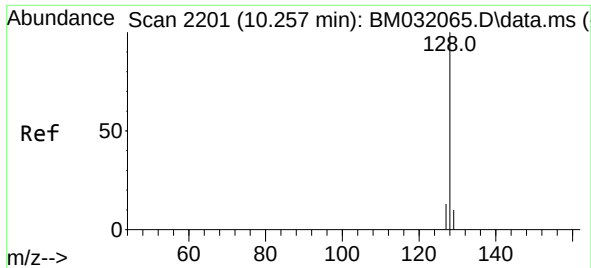
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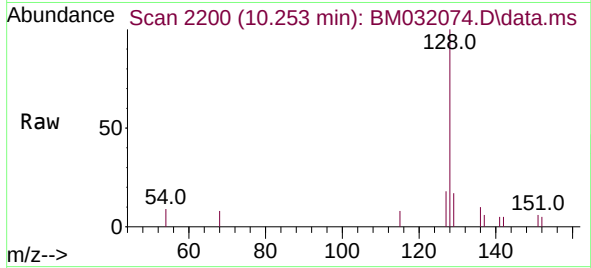
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Quant Time: Sep 06 02:11:10 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

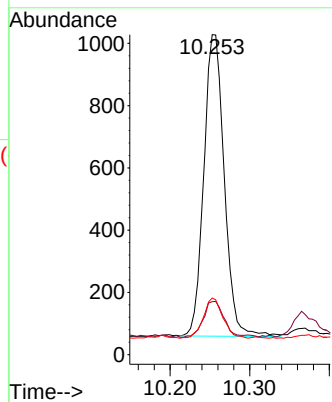
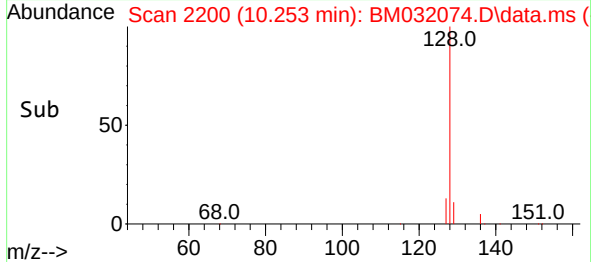




#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



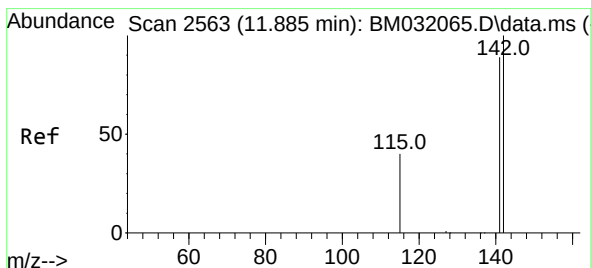
Tgt Ion:128 Resp: 1732
Ion Ratio Lower Upper
128 100
129 16.5 10.9 16.3#
127 17.7 12.4 18.6



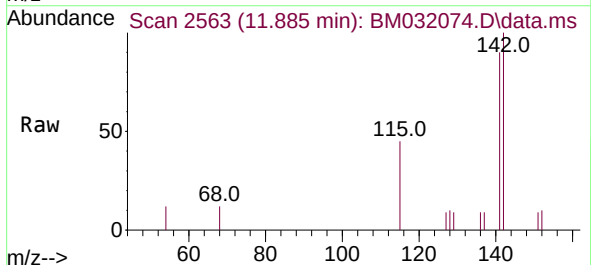
Instrument :
BNA_M
ClientSampleId :
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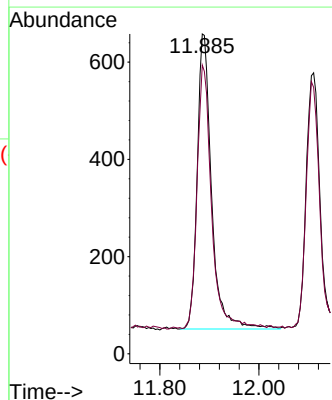
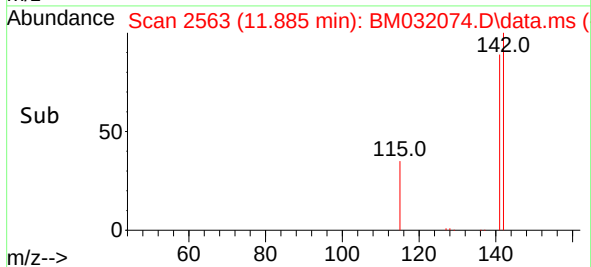
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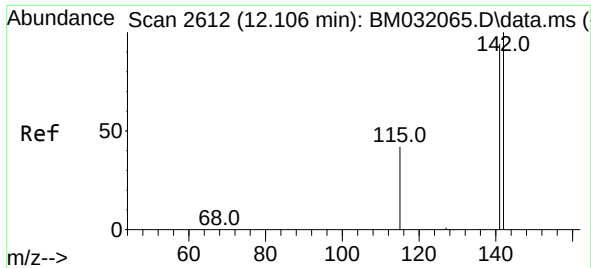


#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



Tgt Ion:142 Resp: 1228
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5





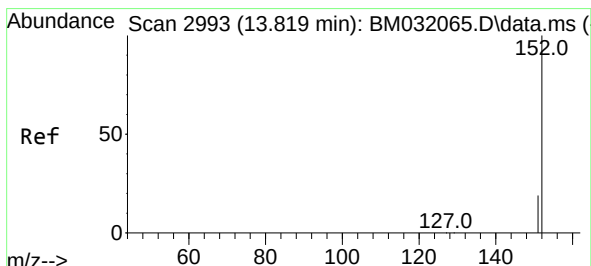
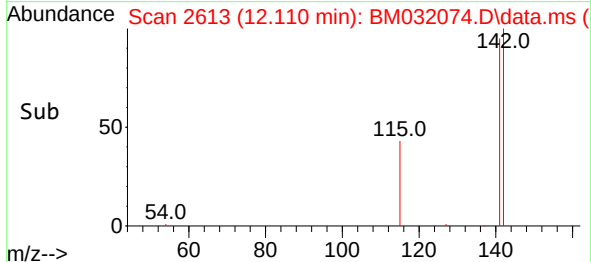
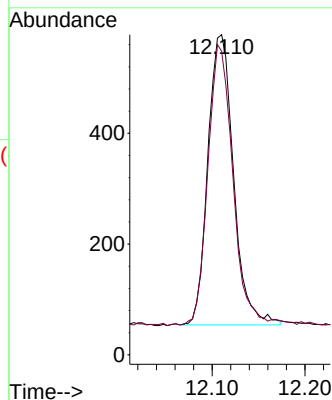
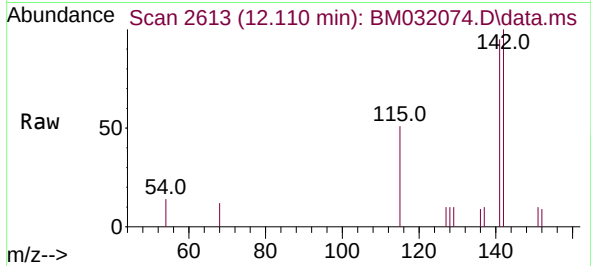
#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.110 min Scan# 2613
Delta R.T. -0.004 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

Tgt Ion:142 Resp: 1003
Ion Ratio Lower Upper
142 100
141 94.8 72.2 108.2

Instrument :
BNA_M
ClientSampleID :
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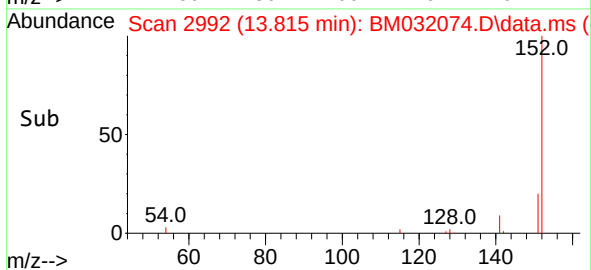
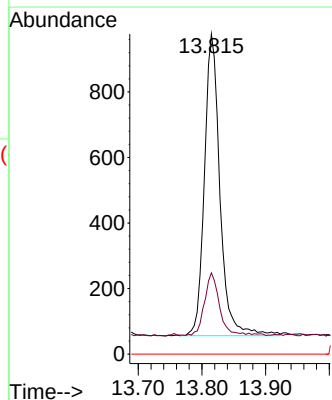
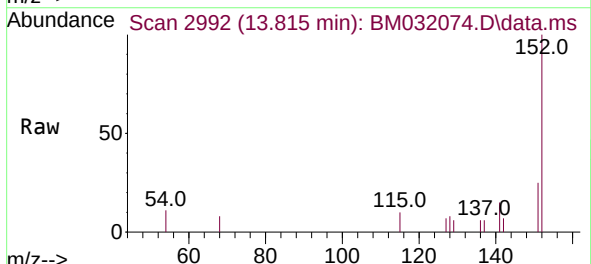
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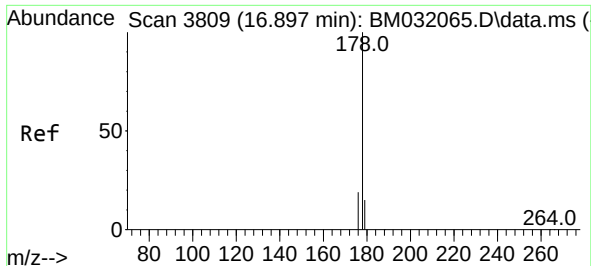
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#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

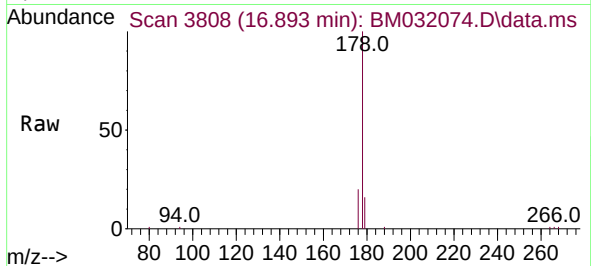
Tgt Ion:152 Resp: 1559
Ion Ratio Lower Upper
152 100
151 25.4 17.0 25.4
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.483 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

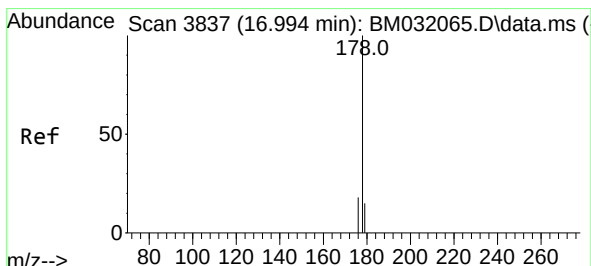
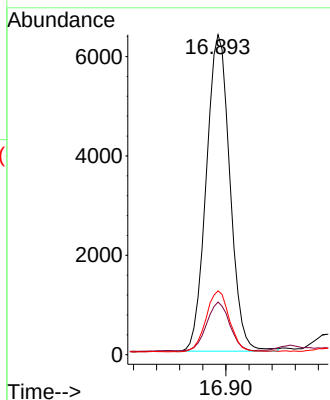
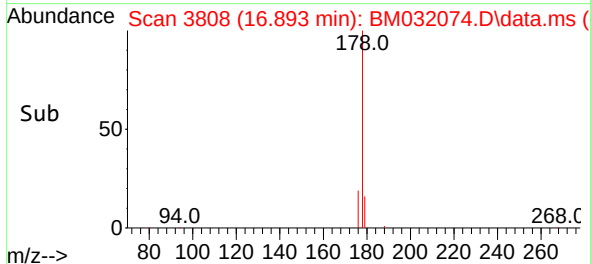
Instrument :
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ClientSampleID :
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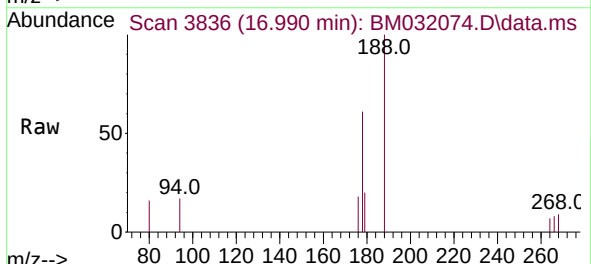
Tgt Ion:	178	Resp:	9044
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.3	19.9
176	19.9	16.7	25.1

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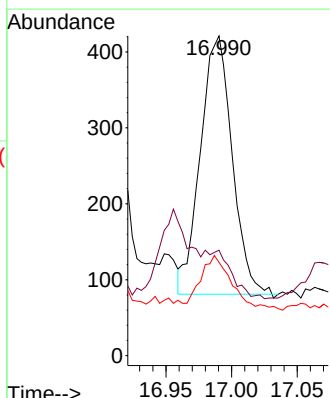
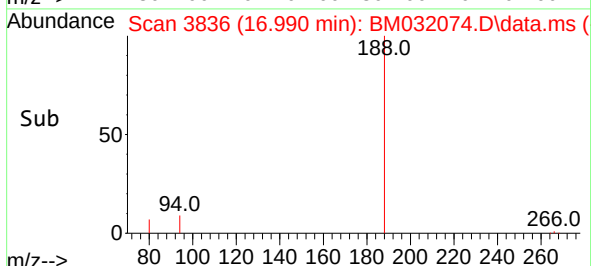
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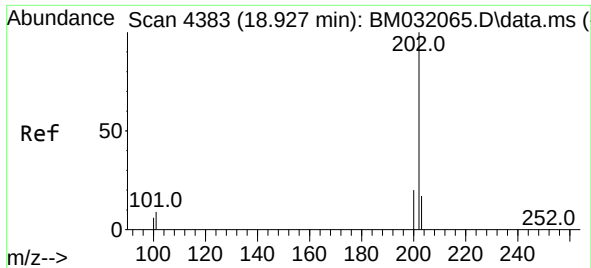


#16
Anthracene
Concen: 0.035 ng/ul
RT: 16.990 min Scan# 3836
Delta R.T. -0.017 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



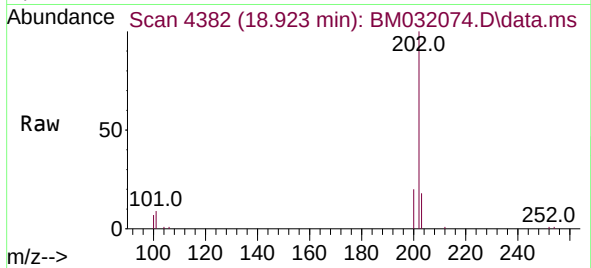
Tgt Ion:	178	Resp:	572
Ion Ratio	Lower	Upper	
178	100		
179	33.0	14.3	21.5#
176	29.2	15.8	23.8#





#19
Fluoranthene
Concen: 0.689 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

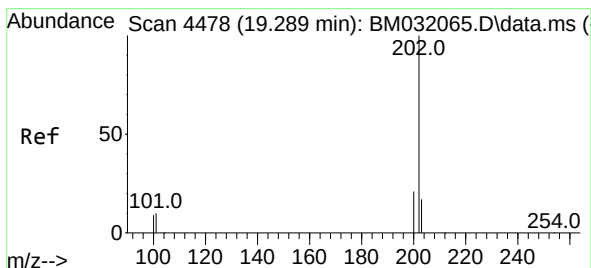
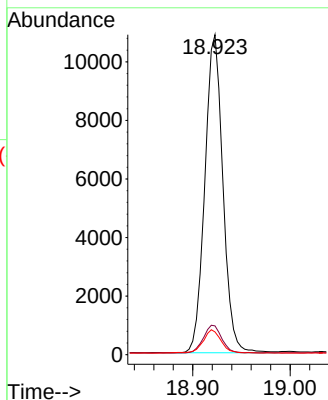
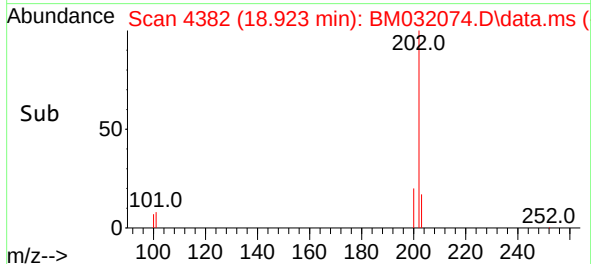
Instrument :
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ClientSampleId :
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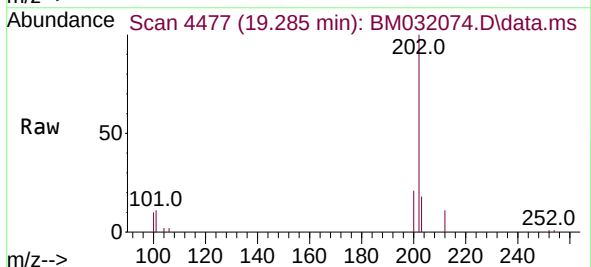
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
100	7.1	5.8	8.6

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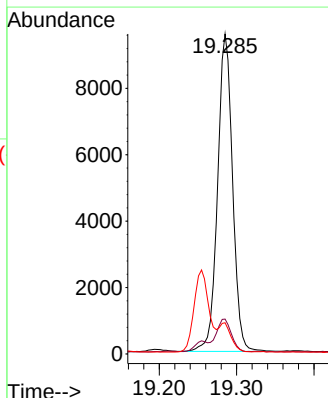
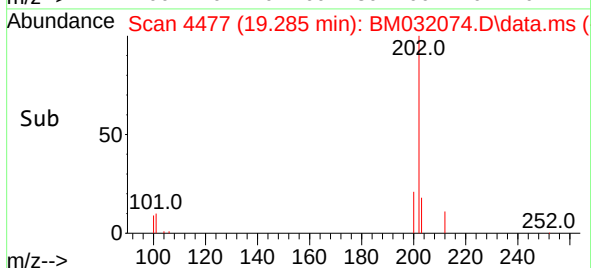
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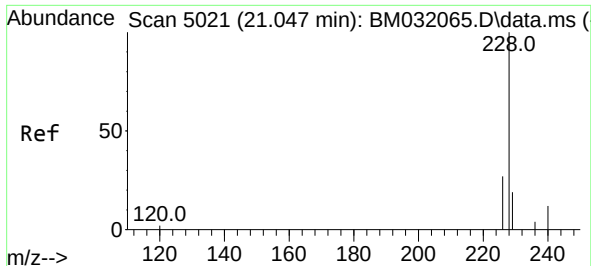


#20
Pyrene
Concen: 0.615 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

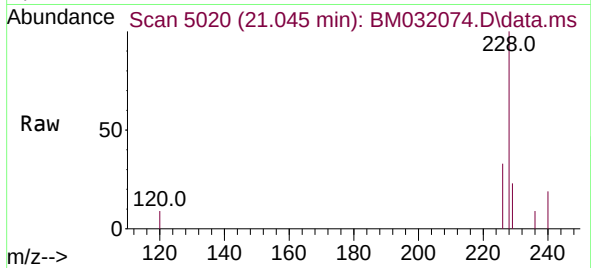


Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	9.8	7.0	10.6

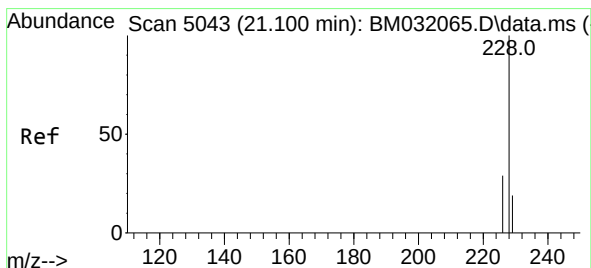
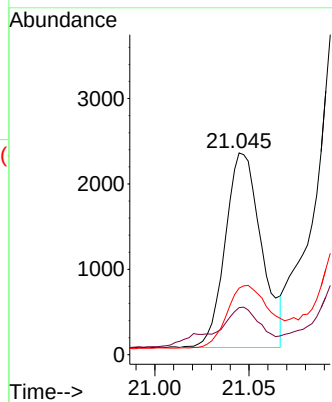
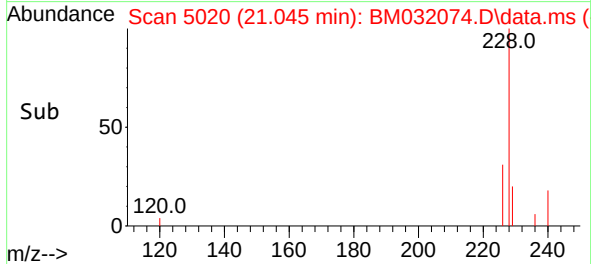




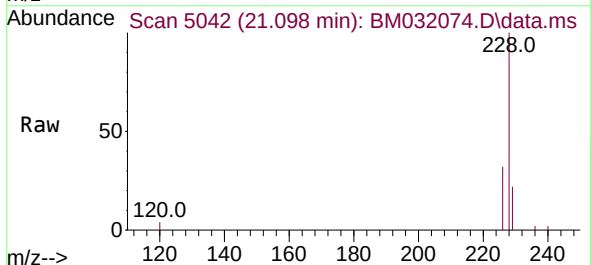
#21
Benzo(a)anthracene
Concen: 0.177 ng/u1
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



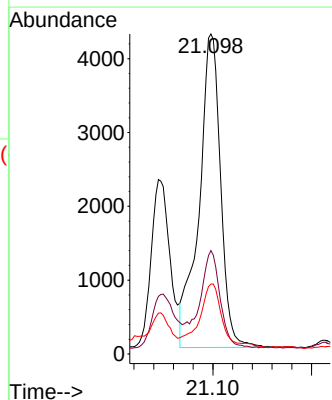
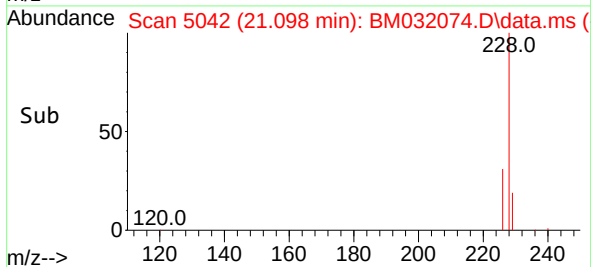
Tgt Ion:228 Resp: 3043
Ion Ratio Lower Upper
228 100
229 23.4 17.1 25.7
226 33.0 23.1 34.7



#22
Chrysene
Concen: 0.327 ng/u1
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



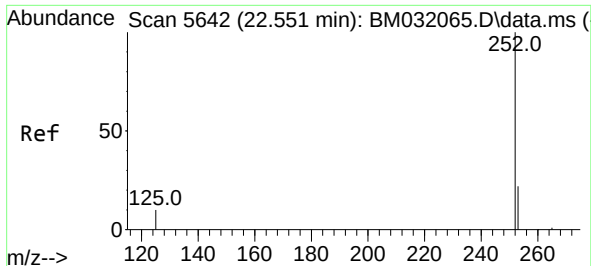
Tgt Ion:228 Resp: 6449
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.2
229 21.9 16.3 24.5



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C0AW5DL

Manual Integrations
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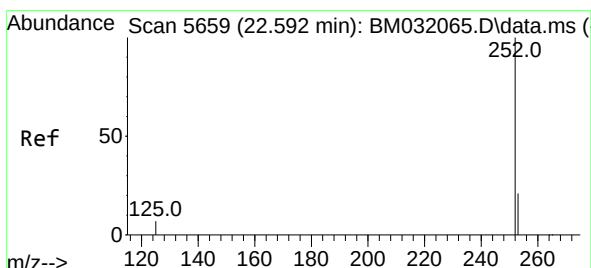
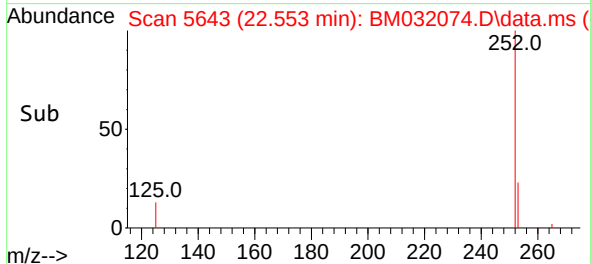
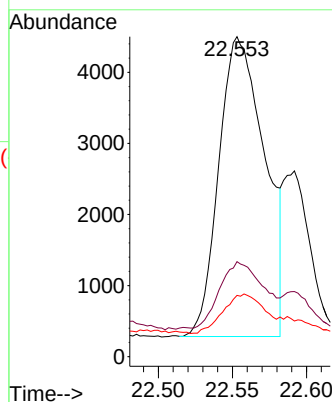
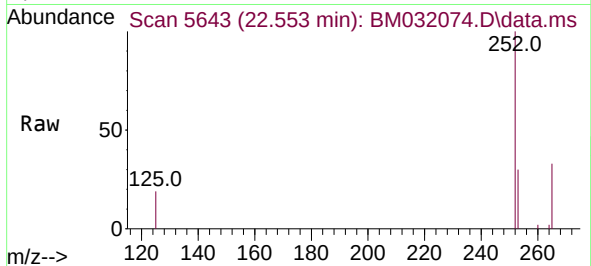
#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

Tgt Ion:	252	Resp:	9068
Ion Ratio	Lower	Upper	
252	100		
253	29.7	0.0	61.0
125	19.2	0.0	28.4

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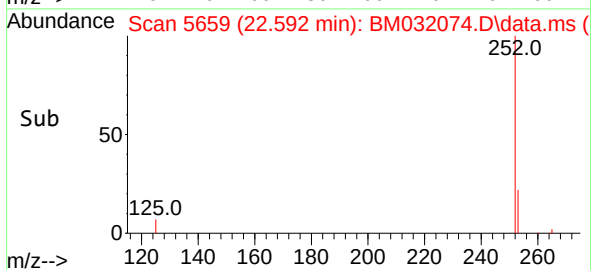
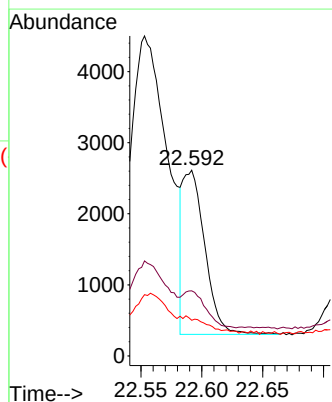
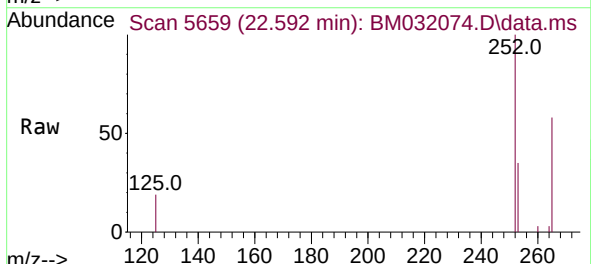
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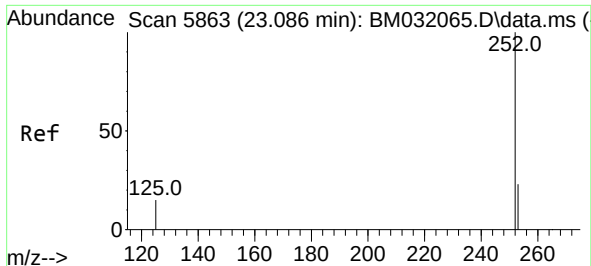
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#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.592 min Scan# 5659
Delta R.T. -0.017 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

Tgt Ion:	252	Resp:	2916
Ion Ratio	Lower	Upper	
252	100		
253	35.0	25.2	37.8
125	19.2	11.0	16.4#





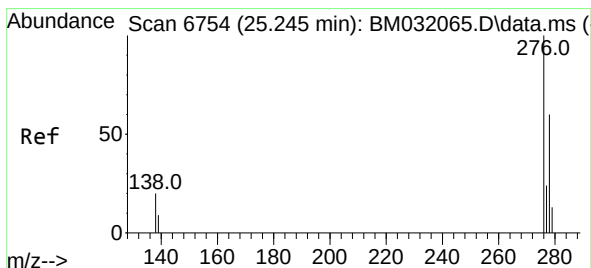
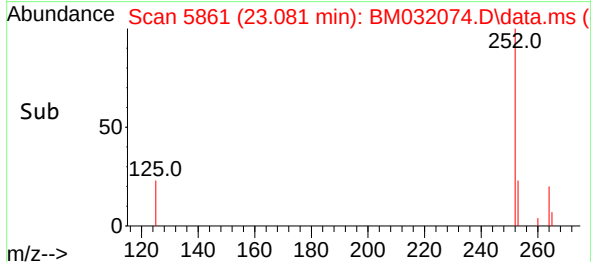
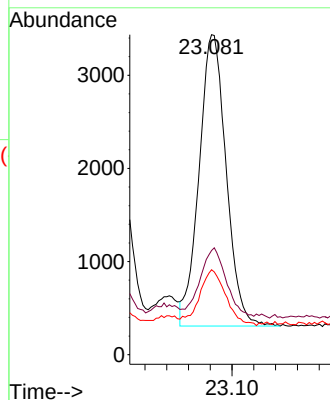
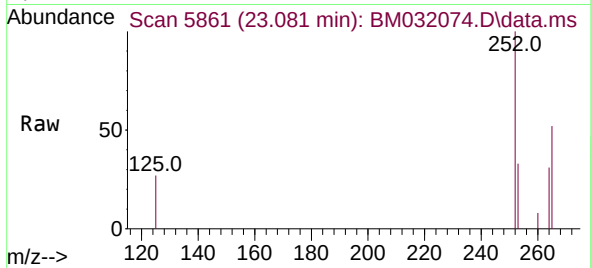
#26
Benzo(a)pyrene
Concen: 0.255 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	28.8	43.2
125	26.5	13.9	20.9

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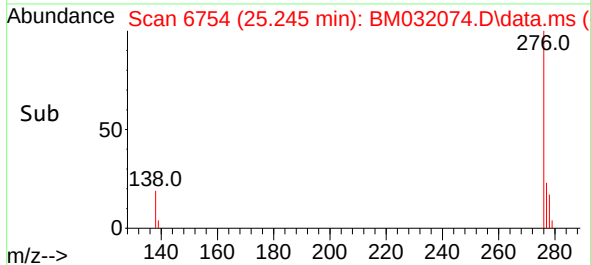
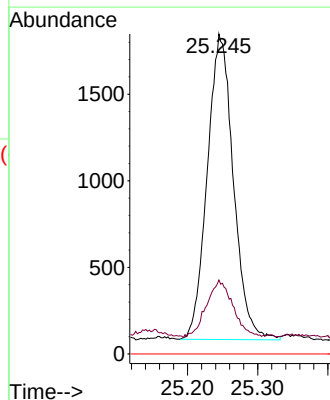
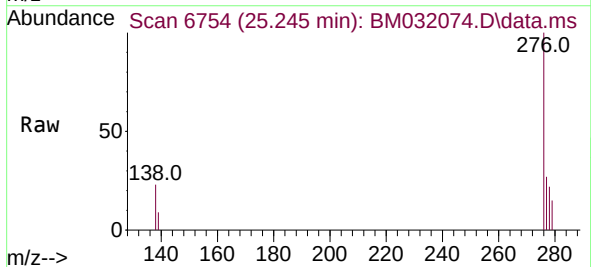
Manual Integrations
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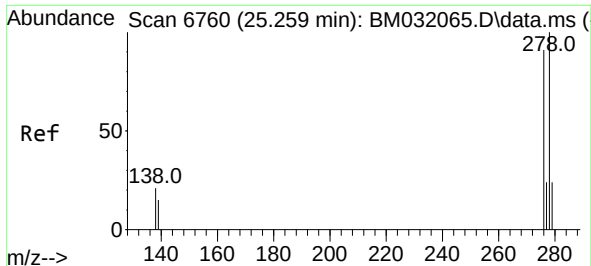
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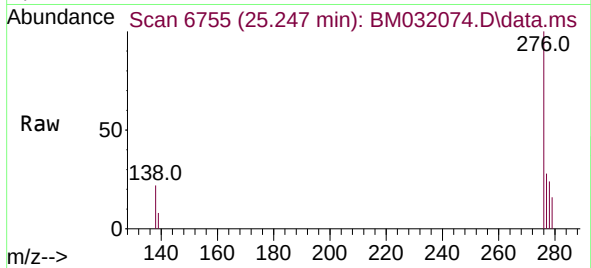
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.026 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.1	21.1
227	0.0	0.0	0.0

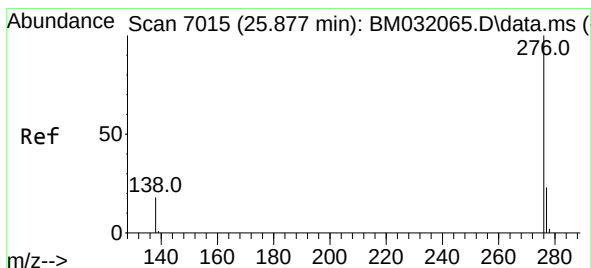
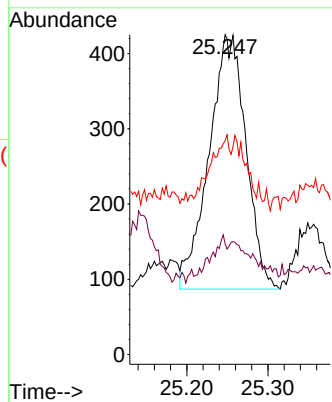
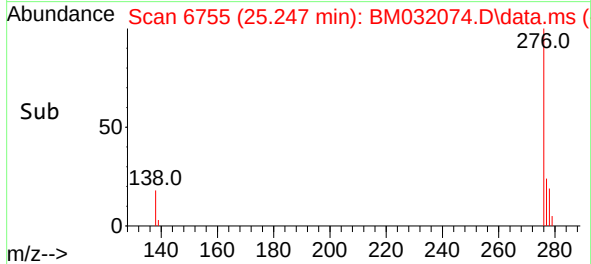




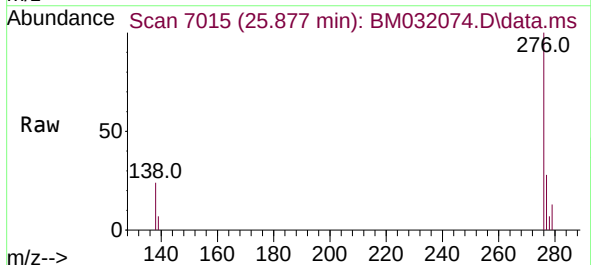
#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.039 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



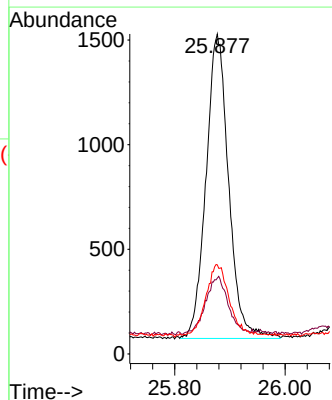
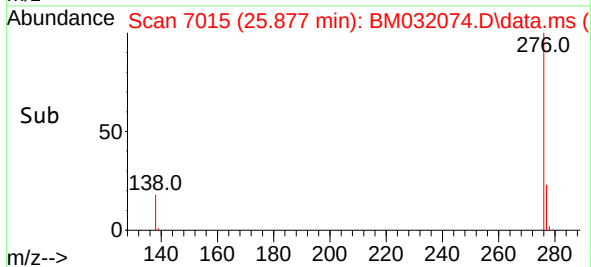
Tgt Ion: 278 Resp: 1071
Ion Ratio Lower Upper
278 100
139 34.6 13.4 20.0#
279 66.8 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 25.877 min Scan# 7015
Delta R.T. -0.026 min
Lab File: BM032074.D
Acq: 04 Sep 2021 12:56



Tgt Ion: 276 Resp: 4142
Ion Ratio Lower Upper
276 100
138 23.7 14.5 21.7#
277 27.9 21.2 31.8



Instrument :
BNA_M
ClientSampled :
C0AW5DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:38:36 AM