

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032260.D
 Acq On : 29 Sep 2021 03:41
 Operator : CG/JU
 Sample : M3755-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL5

Manual Integrations
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mohammad
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Quant Time: Sep 29 06:13:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	22190	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	10431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	18270	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13903	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	13445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	29703	3.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	6472	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	10849	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.497	128	4108	0.062	ng/ul#	94
7) 2-Methylnaphthalene	12.111	142	2433	0.058	ng/ul	100
8) 1-Methylnaphthalene	12.336	142	1925	0.047	ng/ul	98
10) Acenaphthylene	14.016	152	1280	0.031	ng/ul#	76
15) Phenanthrene	17.068	178	8372	0.141	ng/ul	98
16) Anthracene	17.154	178	2962	0.060	ng/ul#	90
19) Fluoranthene	19.076	202	16300	0.281	ng/ul	98
20) Pyrene	19.438	202	15881m	0.273	ng/ul	
21) Benzo(a)anthracene	21.171	228	19183	0.390	ng/ul	99
22) Chrysene	21.222	228	43477	0.756	ng/ul	99
24) Benzo(b)fluoranthene	22.704	252	49257m	0.706	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	15423m	0.229	ng/ul	
26) Benzo(a)pyrene	23.252	252	20309	0.388	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.488	276	13308	0.199	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.486	278	4803	0.088	ng/ul#	74
29) Benzo(g,h,i)perylene	26.147	276	12623	0.199	ng/ul	96

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

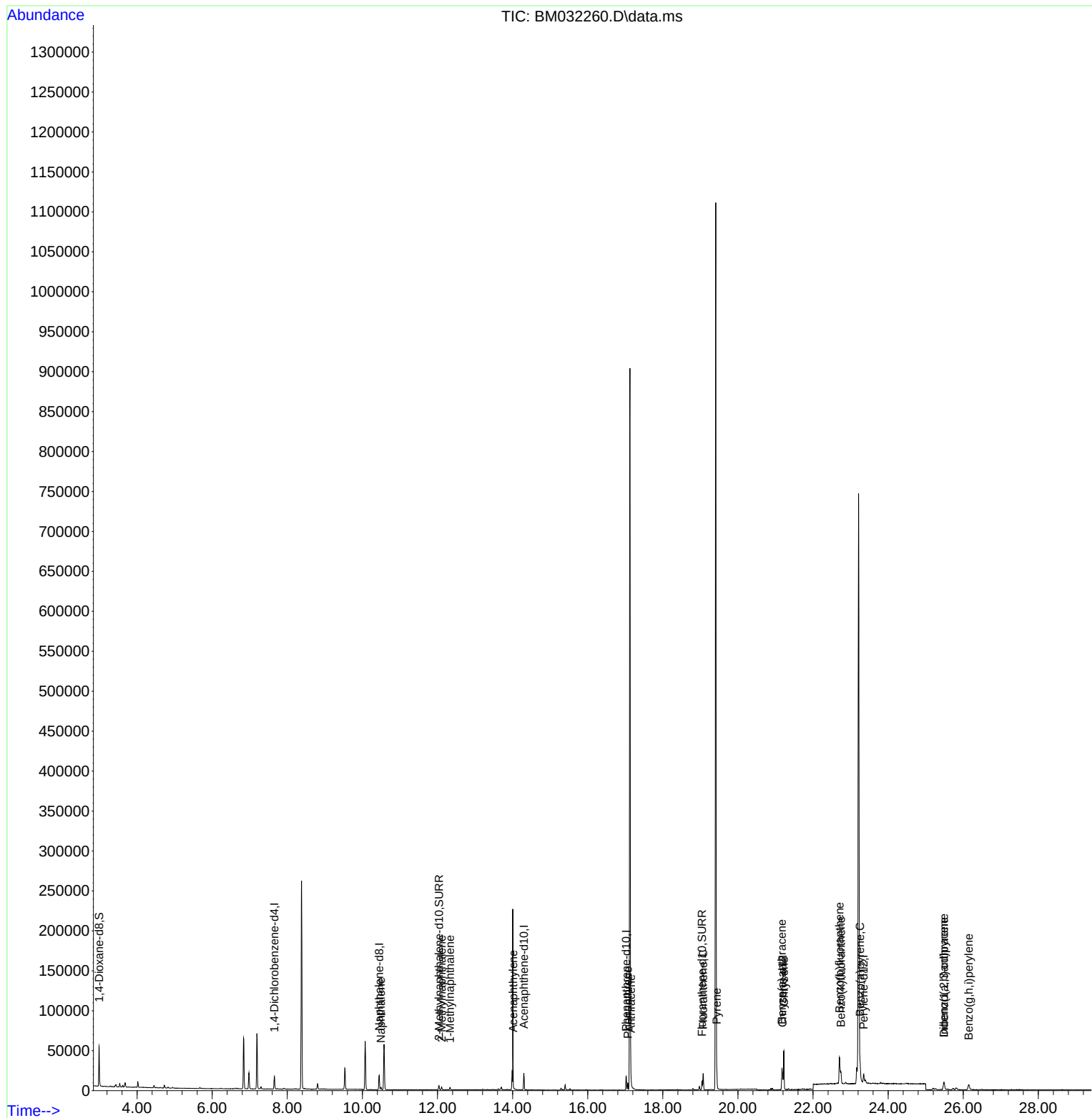
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
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Acq On : 29 Sep 2021 03:41
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ALS Vial : 65 Sample Multiplier: 1

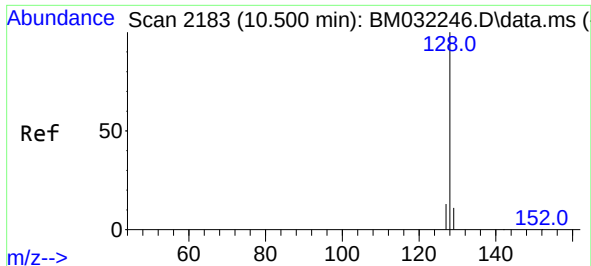
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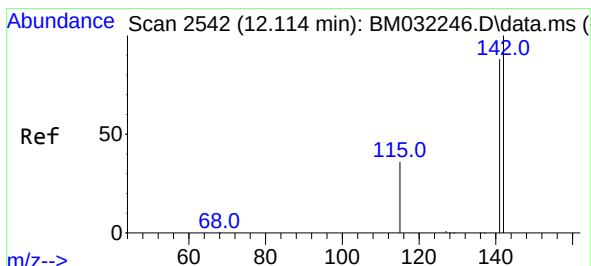
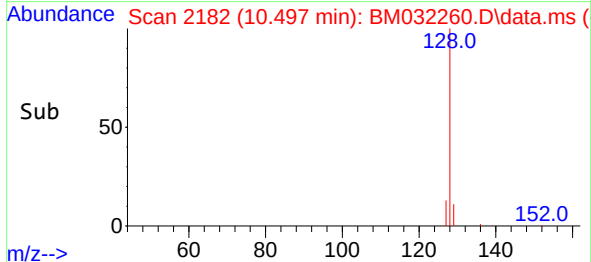
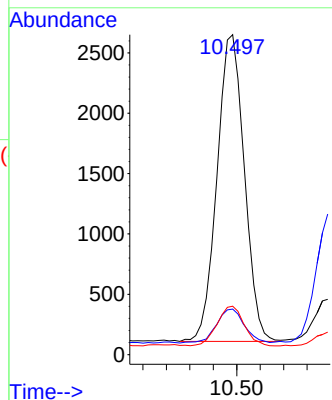
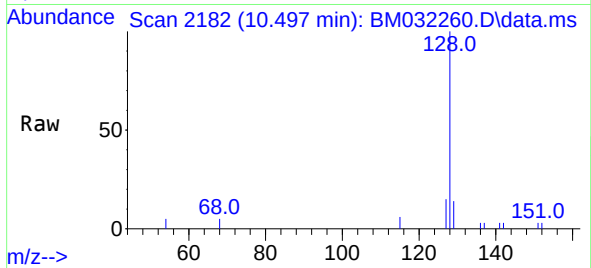
#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.497 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:128 Resp: 4108
Ion Ratio Lower Upper
128 100
129 14.2 9.0 13.4#
127 15.1 10.5 15.7

Instrument :
BNA_M
ClientSampled :
C0AL5

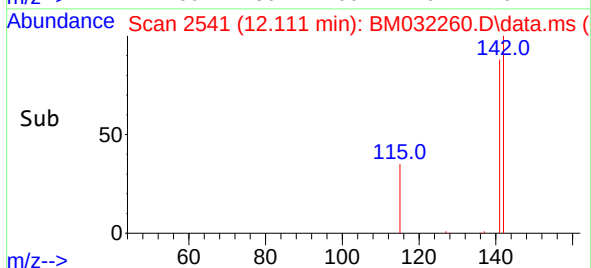
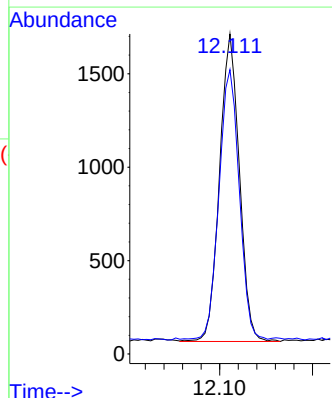
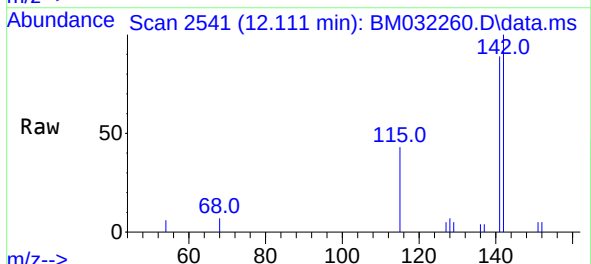
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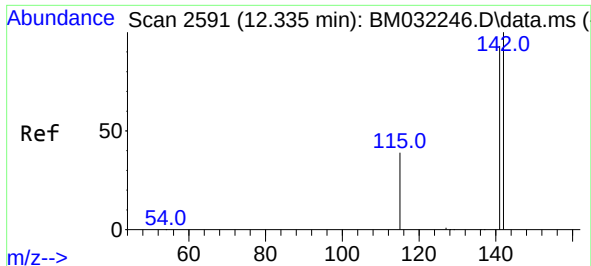
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#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:142 Resp: 2433
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8





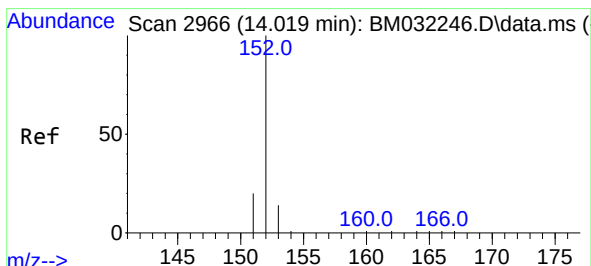
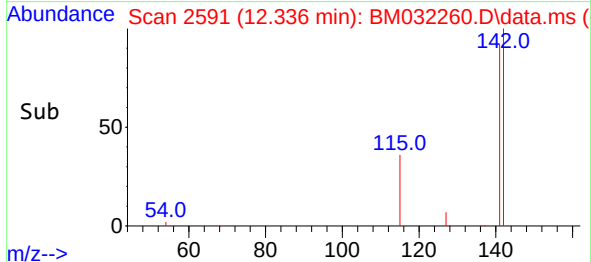
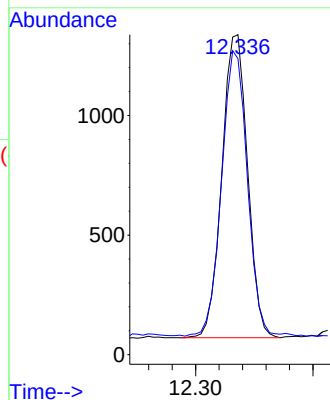
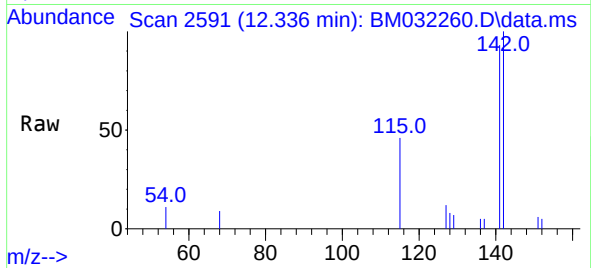
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1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.336 min Scan# 2591
Delta R.T. -0.004 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:142 Resp: 1925
Ion Ratio Lower Upper
142 100
141 94.4 73.8 110.6

Instrument :
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ClientSampled :
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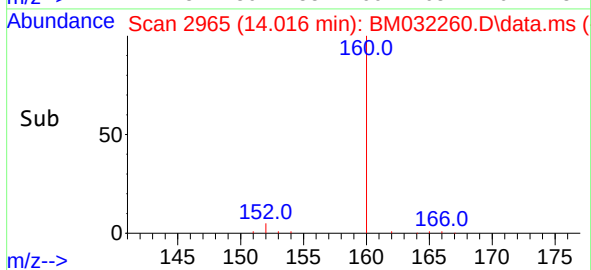
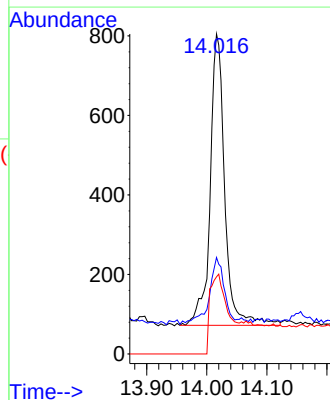
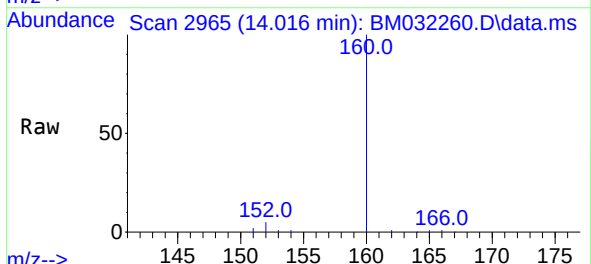
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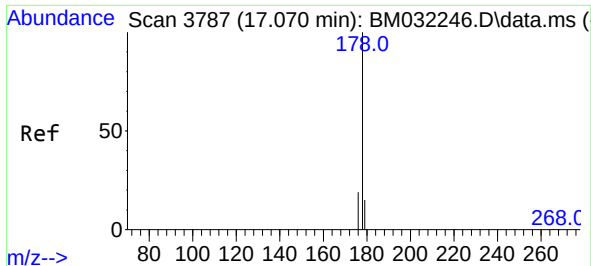
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#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

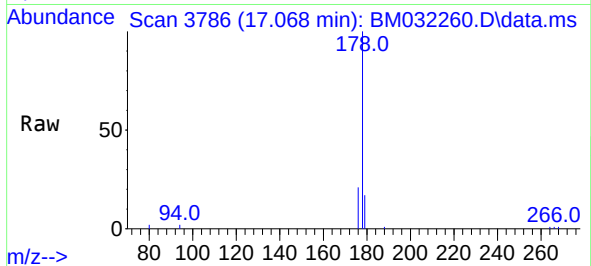
Tgt Ion:152 Resp: 1280
Ion Ratio Lower Upper
152 100
151 30.2 16.0 24.0#
153 24.1 10.7 16.1#





#15
Phenanthrene
Concen: 0.141 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

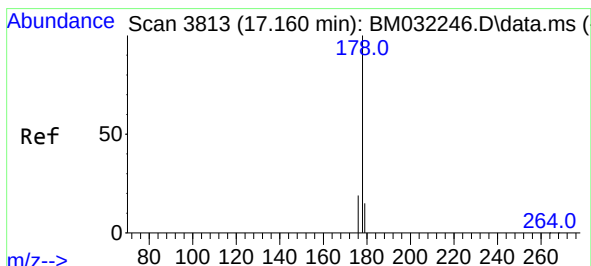
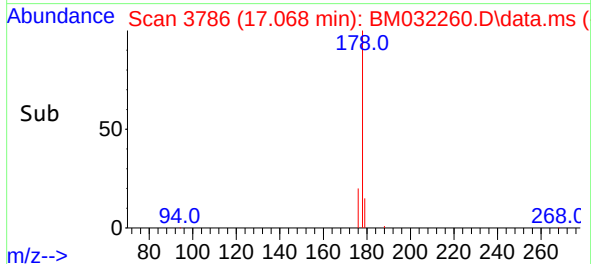
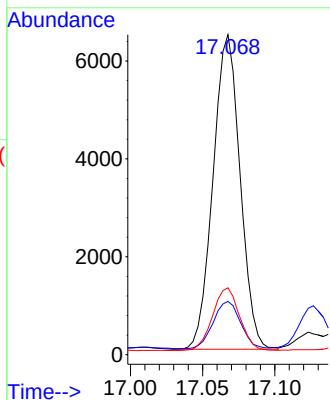
Instrument :
BNA_M
ClientSampled :
C0AL5



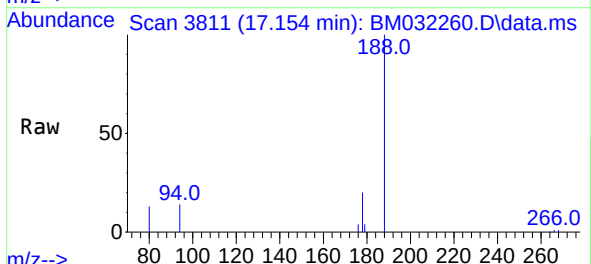
Tgt Ion:	178	Resp:	8372
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	20.9	15.8	23.6

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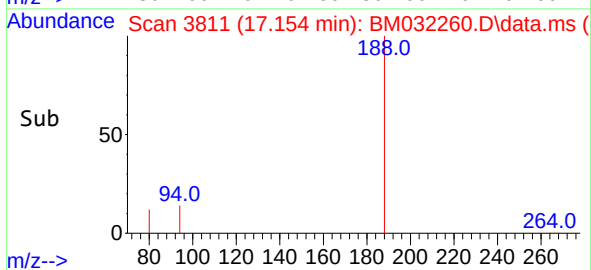
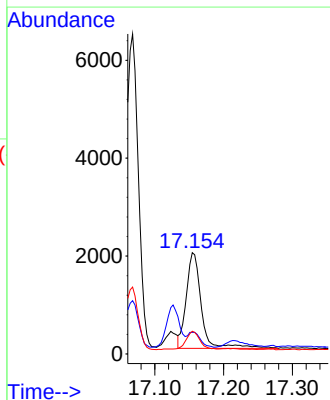
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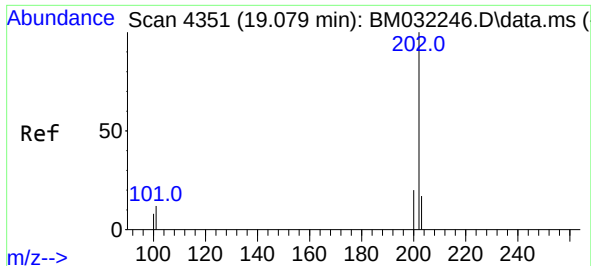


#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41



Tgt Ion:	178	Resp:	2962
Ion	Ratio	Lower	Upper
178	100		
179	21.4	12.7	19.1#
176	22.4	15.3	22.9





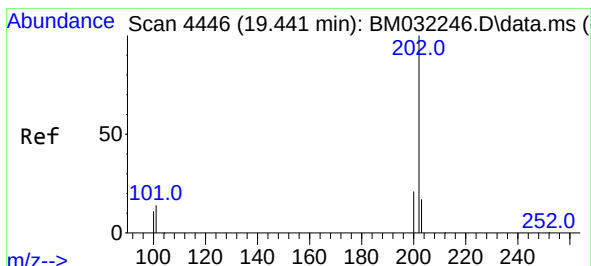
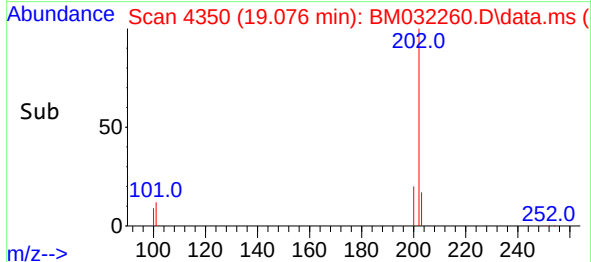
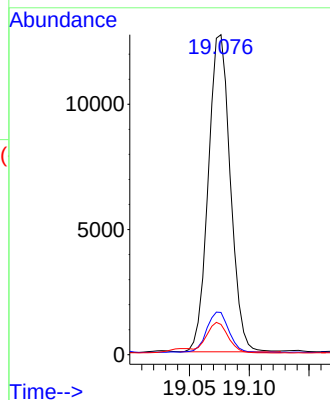
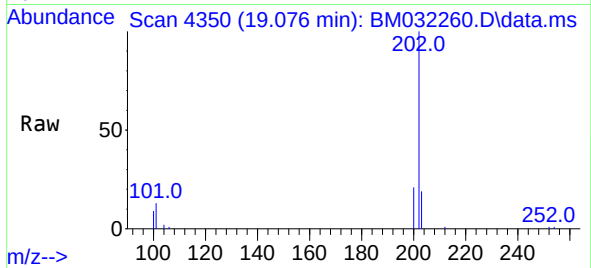
#19
Fluoranthene
Concen: 0.281 ng/ul
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:	202	Resp:	16300
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.8	14.8
100	9.5	7.2	10.8

Instrument :
BNA_M
ClientSampled :
C0AL5

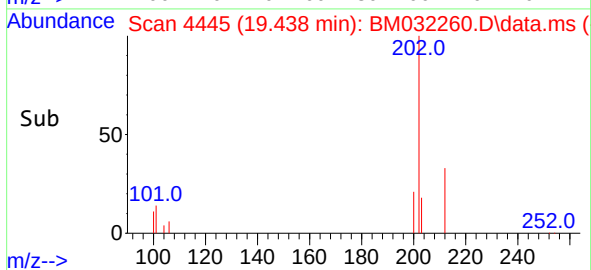
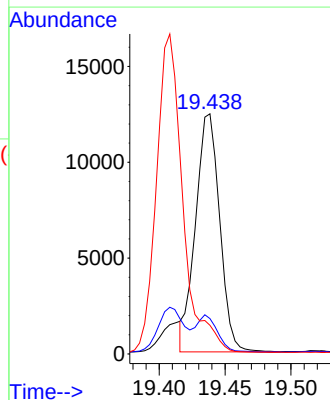
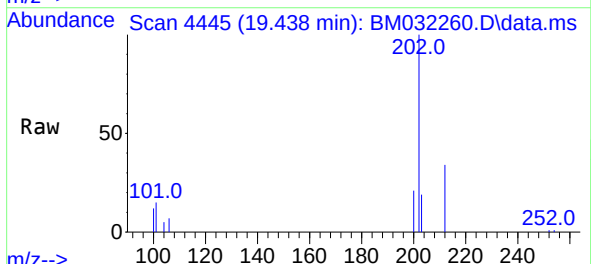
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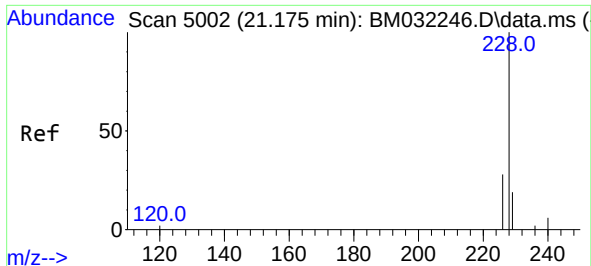
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#20
Pyrene
Concen: 0.273 ng/ul m
RT: 19.438 min Scan# 4445
Delta R.T. -0.004 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:	202	Resp:	15881
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.1	18.1
100	11.9	9.8	14.6





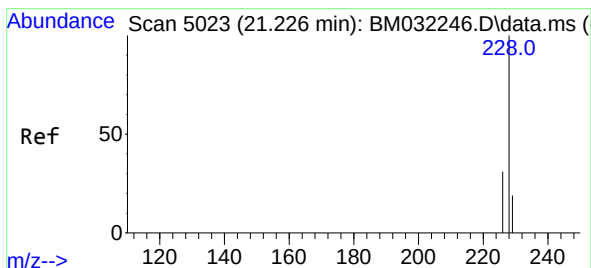
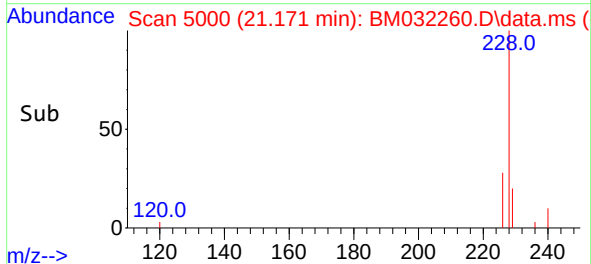
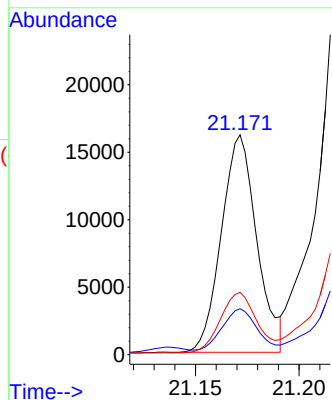
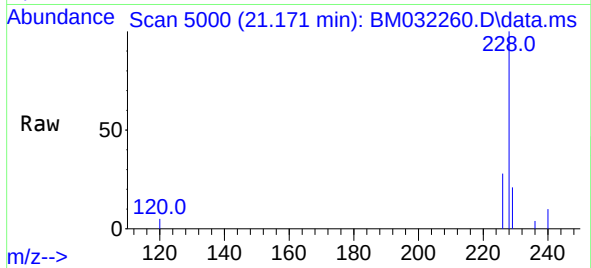
#21
Benzo(a)anthracene
Concen: 0.390 ng/u1
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:228	Resp:	19183
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.0 24.0
226	28.4	22.3 33.5

Instrument :
BNA_M
ClientSampled :
C0AL5

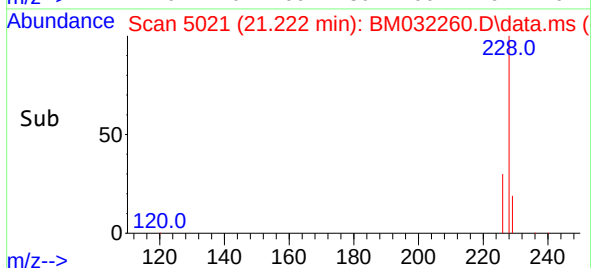
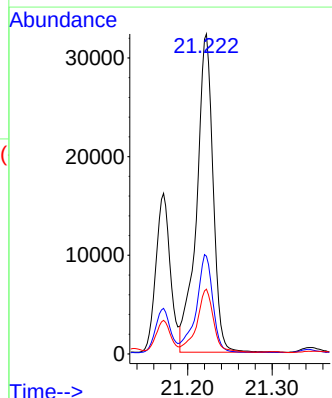
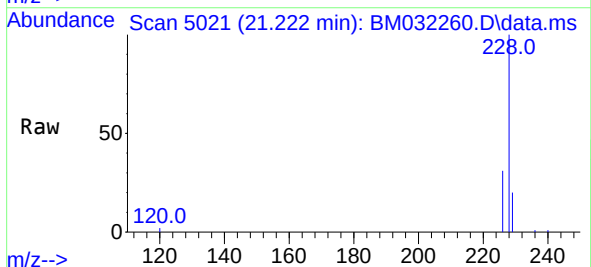
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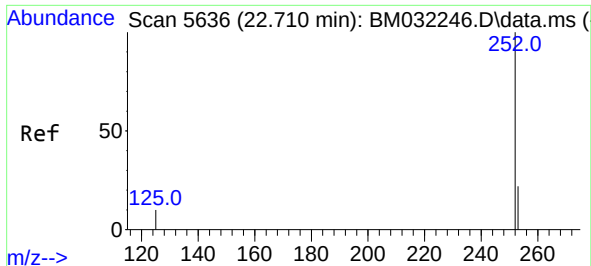
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#22
Chrysene
Concen: 0.756 ng/u1
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:228	Resp:	43477
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.6 37.0
229	20.3	15.6 23.4





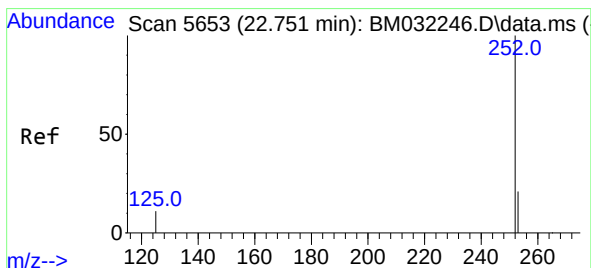
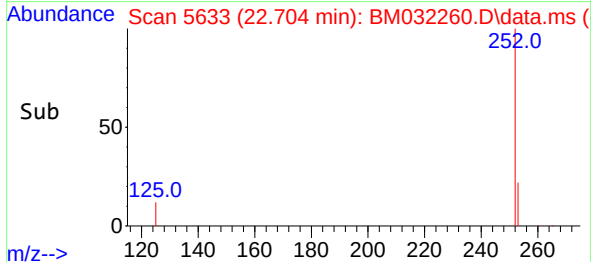
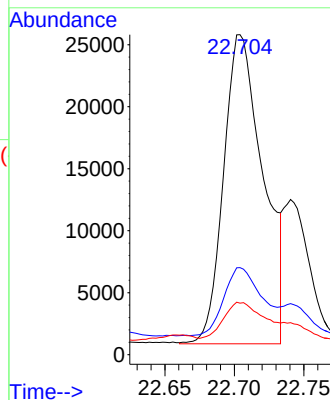
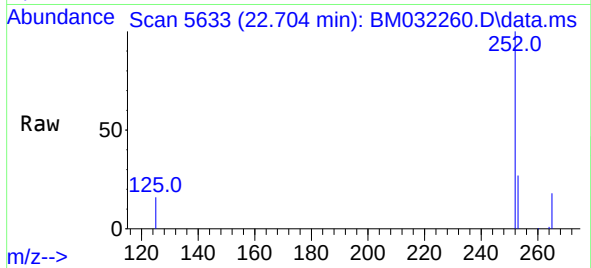
#24
Benzo(b)fluoranthene
Concen: 0.706 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:252	Resp:	49257
Ion Ratio	Lower	Upper
252	100	
253	27.2	0.0 58.0
125	16.1	0.0 31.4

Instrument :
BNA_M
ClientSampled :
C0AL5

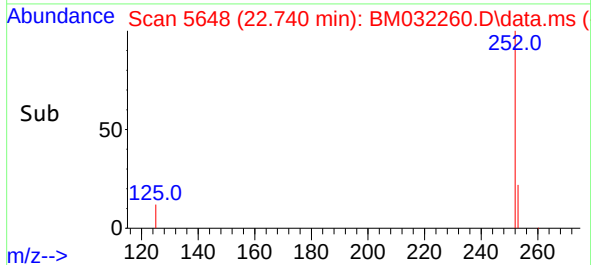
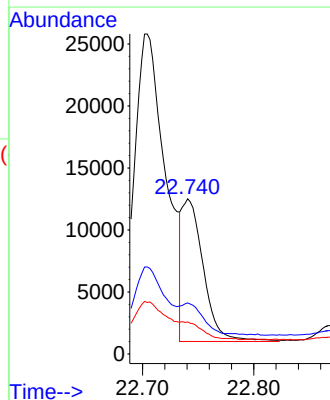
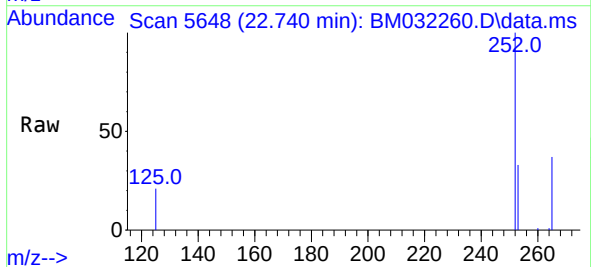
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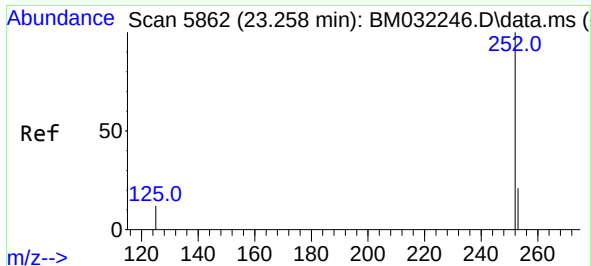
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#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.740 min Scan# 5648
Delta R.T. -0.015 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:252	Resp:	15423
Ion Ratio	Lower	Upper
252	100	
253	32.9	22.9 34.3
125	20.7	12.9 19.3#





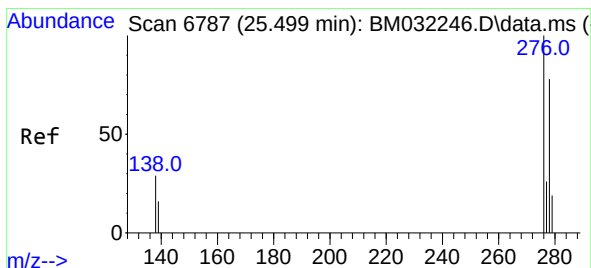
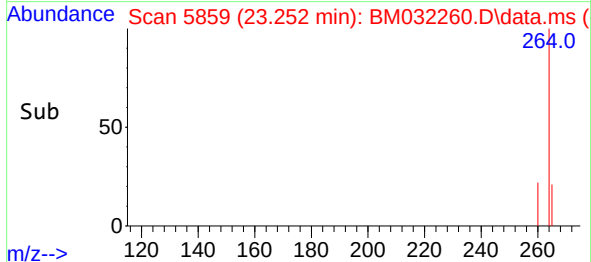
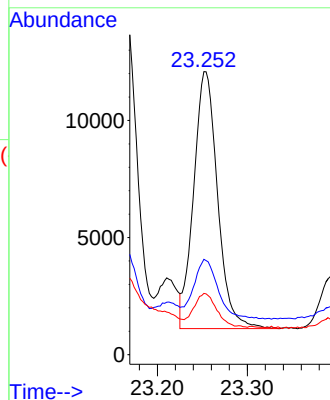
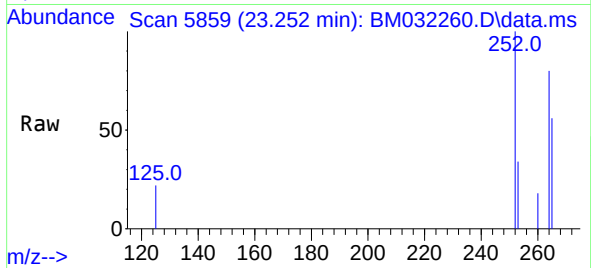
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Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.252 min Scan# 5859
Delta R.T. -0.012 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:	252	Resp:	20309
Ion Ratio	Lower	Upper	
252	100		
253	33.7	25.8	38.8
125	21.6	15.4	23.2

Instrument :
BNA_M
ClientSampled :
C0AL5

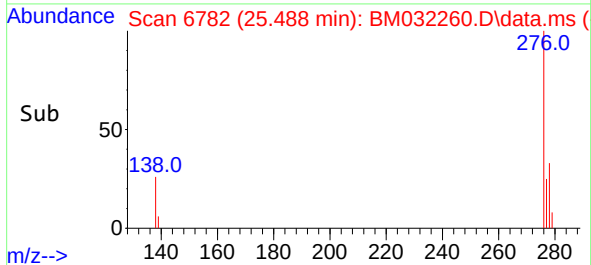
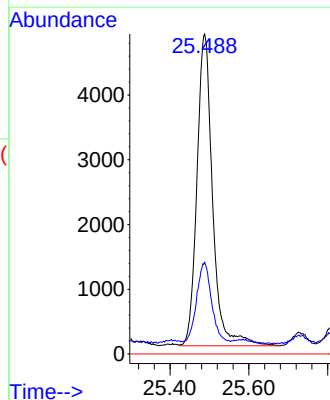
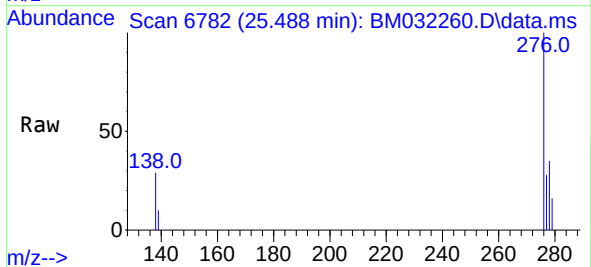
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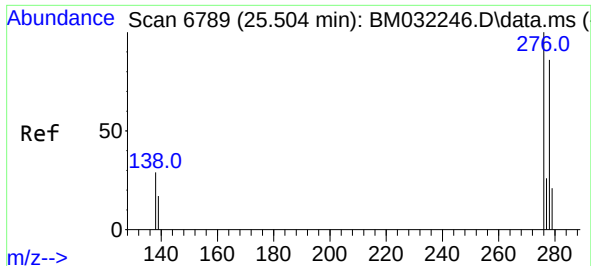
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.017 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:	276	Resp:	13308
Ion Ratio	Lower	Upper	
276	100		
138	23.9	24.3	36.5#
227	0.0	0.0	0.0





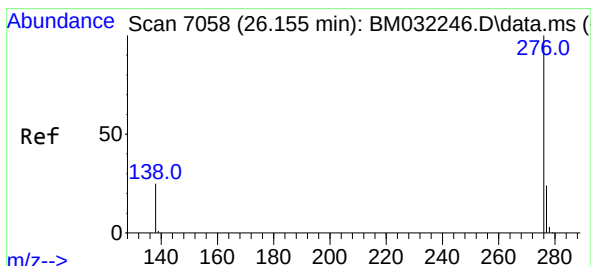
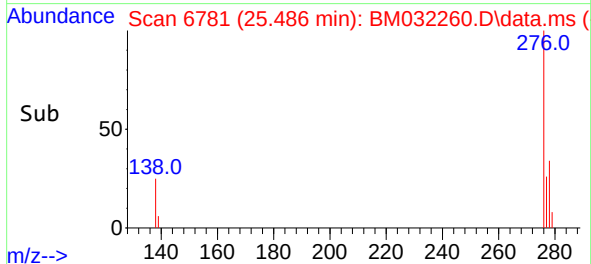
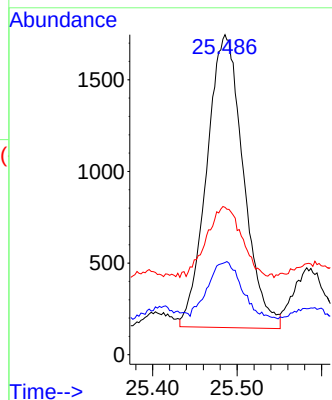
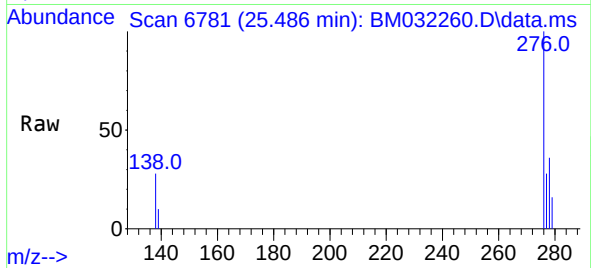
#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.486 min Scan# 6781
Delta R.T. -0.024 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:278 Resp: 4803
Ion Ratio Lower Upper
278 100
139 28.8 16.6 24.8#
279 46.0 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
C0AL5

Manual Integrations
APPROVED

mohammad
9/29/2021 12:52:35 PM



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 26.147 min Scan# 7054
Delta R.T. -0.017 min
Lab File: BM032260.D
Acq: 29 Sep 2021 03:41

Tgt Ion:276 Resp: 12623
Ion Ratio Lower Upper
276 100
138 27.8 21.0 31.4
277 27.4 19.8 29.8

