

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032059.D
 Acq On : 04 Sep 2021 03:09
 Operator : CG/JU
 Sample : M3486-16DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B24DL

Manual Integrations
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Quant Time: Sep 04 04:58:38 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	2518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	8820	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.098	164	5348	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	10456	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	8475	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	9062	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	793	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	316	0.023	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	665	0.027	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	6888	0.294	ng/ul	98
7) 2-Methylnaphthalene	11.885	142	5909	0.362	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	4929	0.307	ng/ul	98
10) Acenaphthylene	13.815	152	2066	0.096	ng/ul	96
15) Phenanthrene	16.897	178	7168	0.225	ng/ul	99
16) Anthracene	16.990	178	1259	0.045	ng/ul#	89
19) Fluoranthene	18.923	202	7621	0.208	ng/ul	98
20) Pyrene	19.285	202	10876	0.288	ng/ul	97
21) Benzo(a)anthracene	21.045	228	5835	0.188	ng/ul	93
22) Chrysene	21.096	228	7963	0.224	ng/ul	96
24) Benzo(b)fluoranthene	22.551	252	8799m	0.211	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	3063m	0.071	ng/ul	
26) Benzo(a)pyrene	23.079	252	5973	0.164	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.240	276	4158	0.084	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.242	278	1371	0.034	ng/ul#	39
29) Benzo(g,h,i)perylene	25.872	276	4364	0.099	ng/ul#	90

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

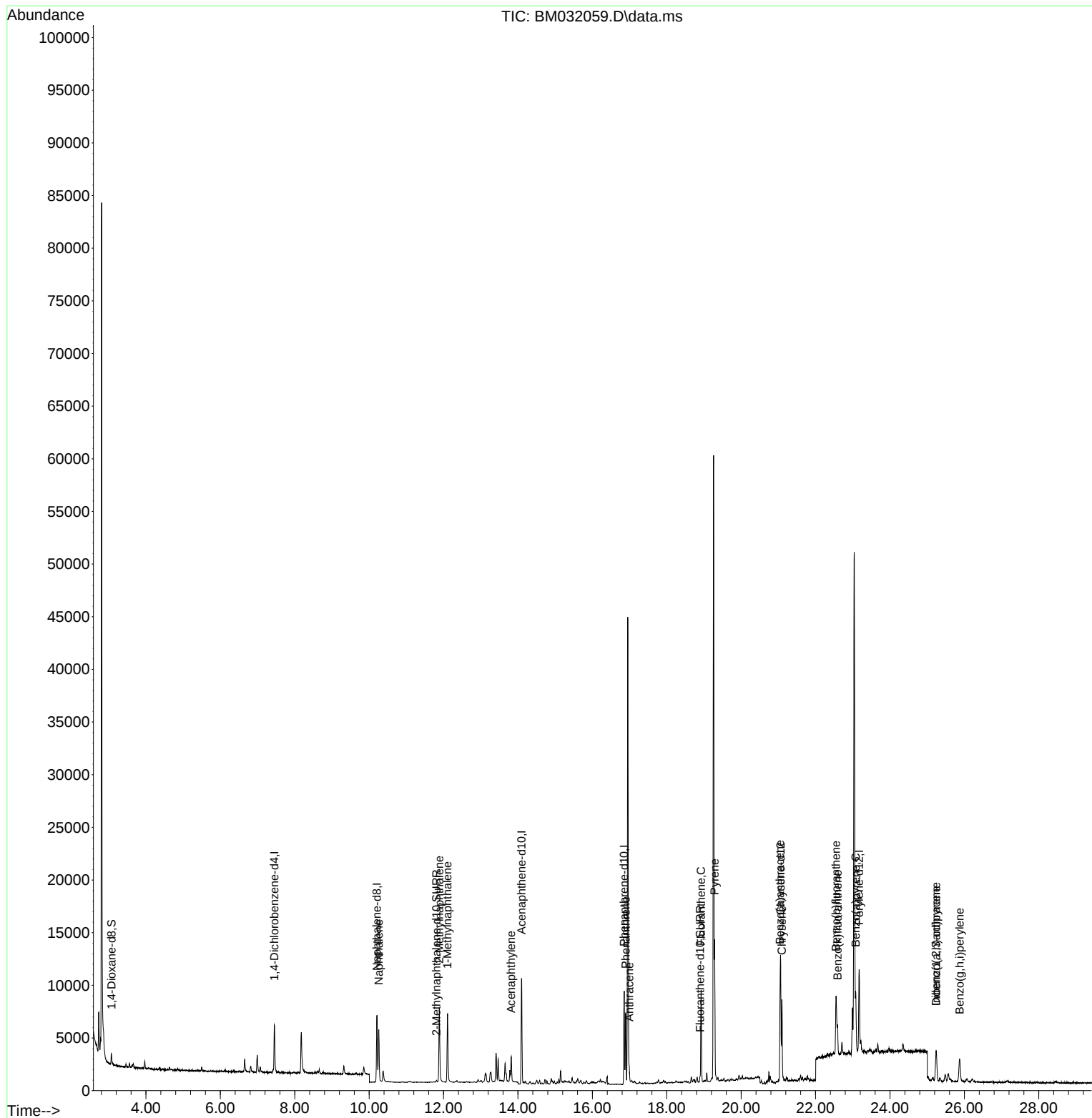
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Data File : BM032059.D
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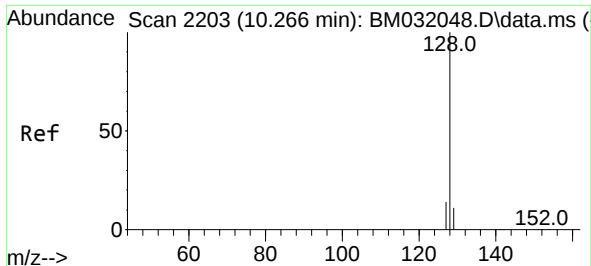
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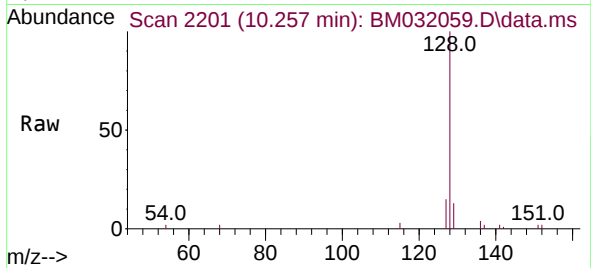
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
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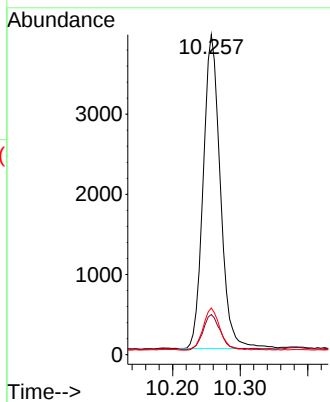
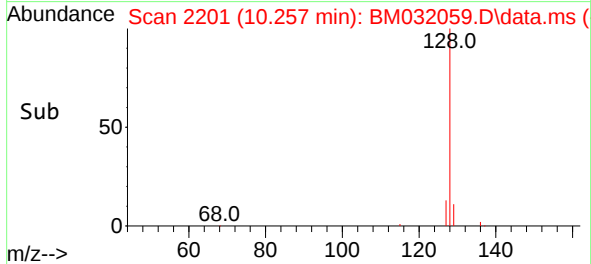




#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



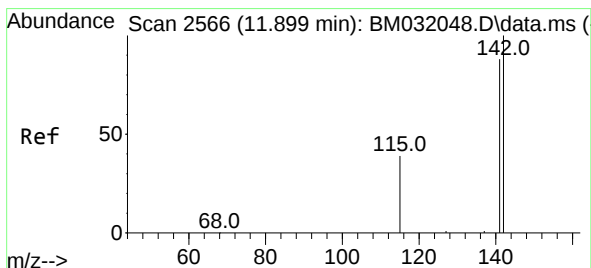
Tgt Ion:128 Resp: 6888
Ion Ratio Lower Upper
128 100
129 12.5 10.9 16.3
127 14.6 12.4 18.6



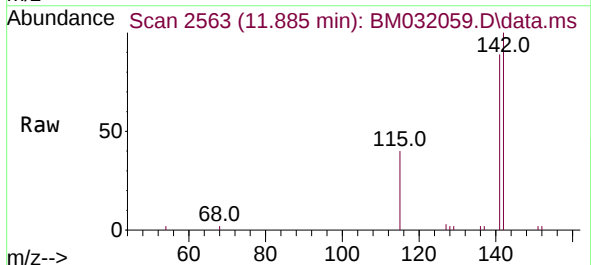
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ClientSampleId :
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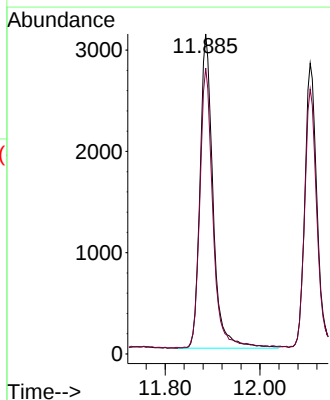
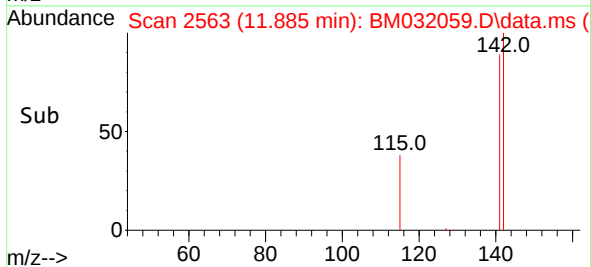
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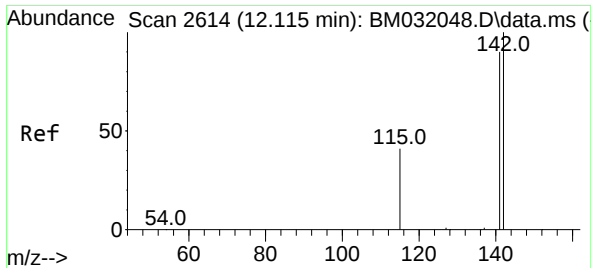


#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



Tgt Ion:142 Resp: 5909
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5





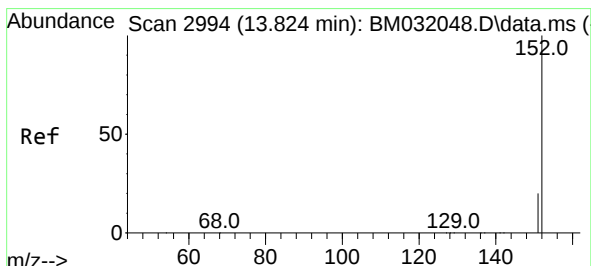
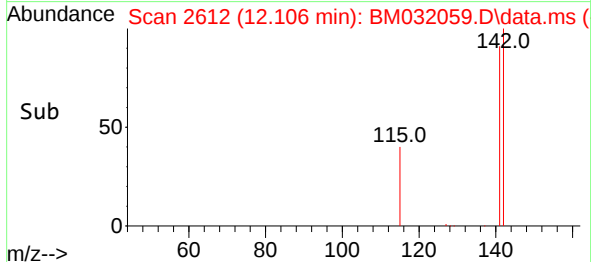
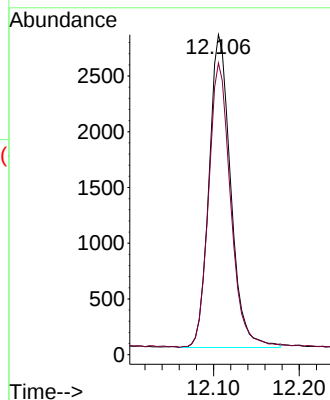
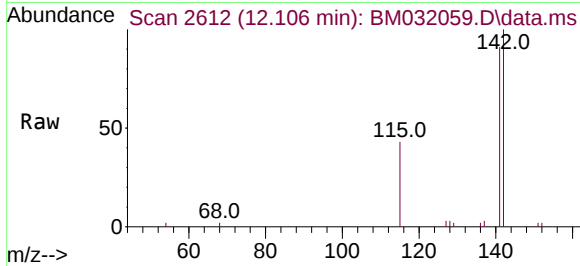
#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion:142 Resp: 4929
Ion Ratio Lower Upper
142 100
141 92.2 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
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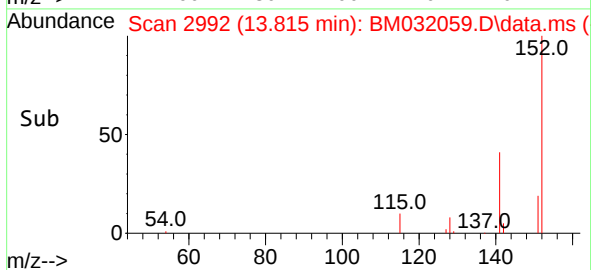
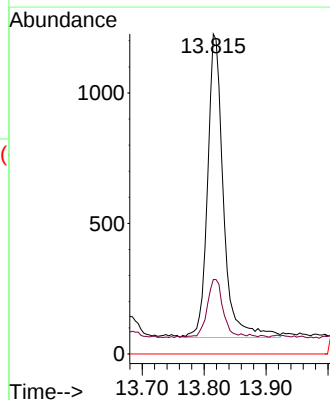
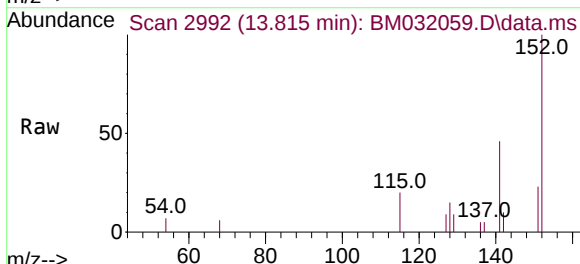
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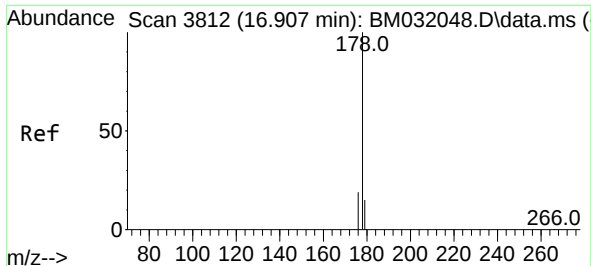
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#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

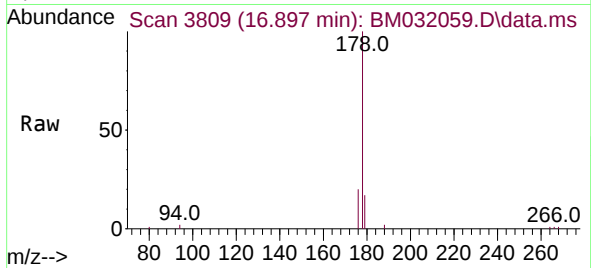
Tgt Ion:152 Resp: 2066
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.4
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.225 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.010 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

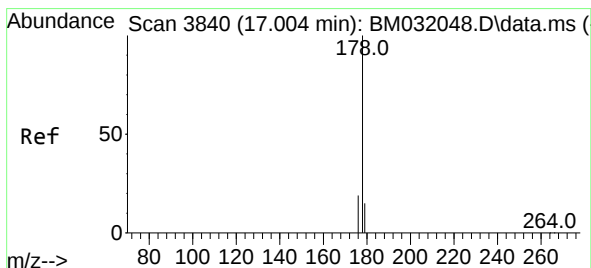
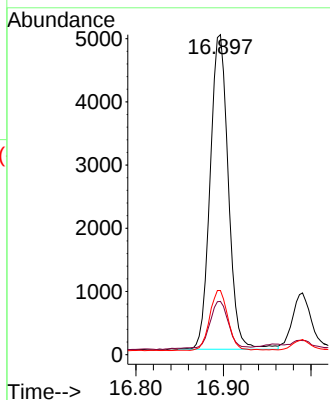
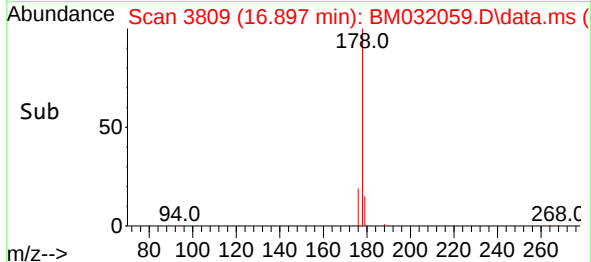
Instrument :
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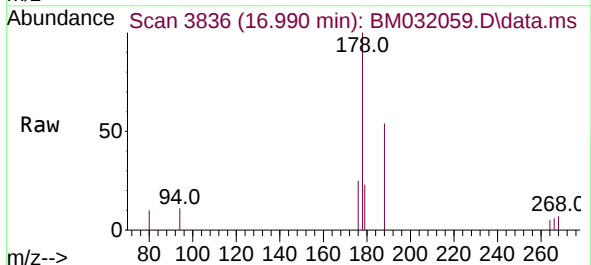
Tgt Ion:178 Resp: 7168
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 20.0 16.7 25.1

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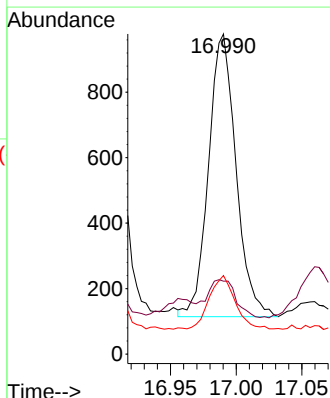
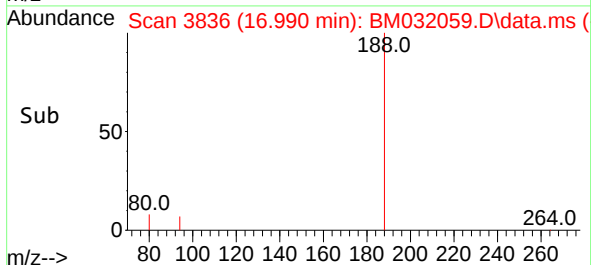
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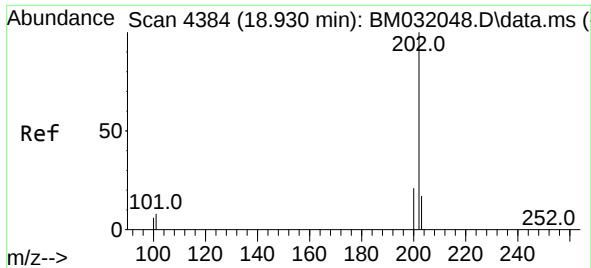


#16
Anthracene
Concen: 0.045 ng/ul
RT: 16.990 min Scan# 3836
Delta R.T. -0.017 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

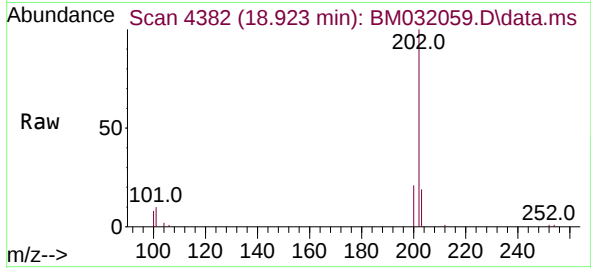


Tgt Ion:178 Resp: 1259
Ion Ratio Lower Upper
178 100
179 22.8 14.3 21.5#
176 24.5 15.8 23.8#

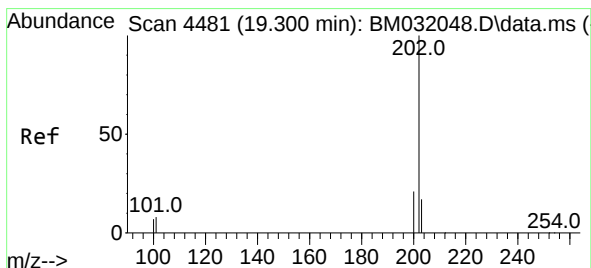
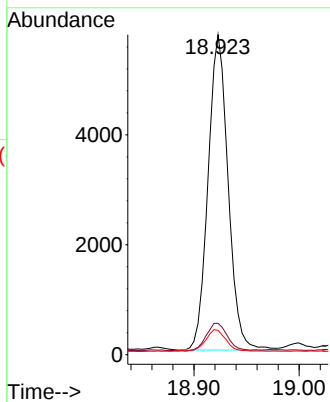
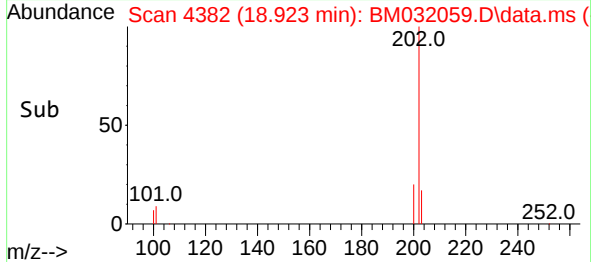




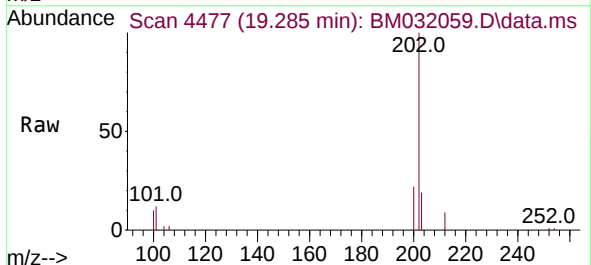
#19
Fluoranthene
Concen: 0.208 ng/u1
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



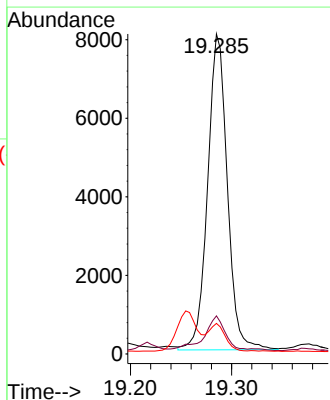
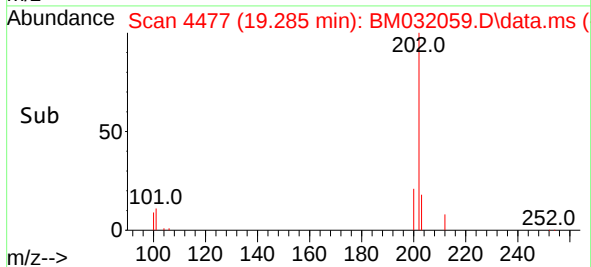
Tgt Ion:202 Resp: 7621
Ion Ratio Lower Upper
202 100
101 9.8 7.2 10.8
100 7.6 5.8 8.6



#20
Pyrene
Concen: 0.288 ng/u1
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



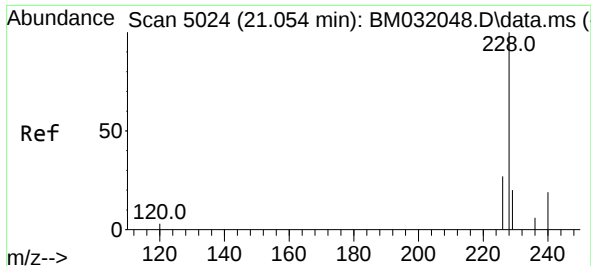
Tgt Ion:202 Resp: 10876
Ion Ratio Lower Upper
202 100
101 11.9 8.2 12.4
100 9.5 7.0 10.6



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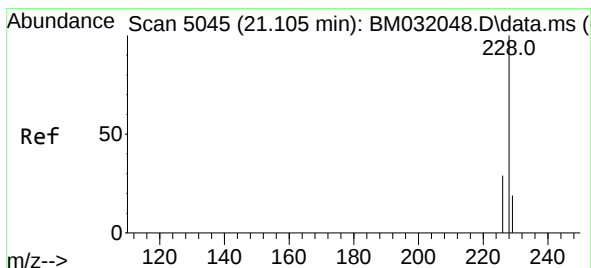
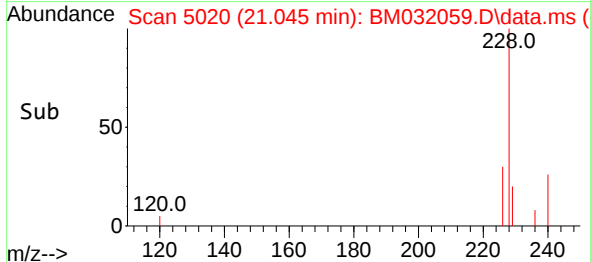
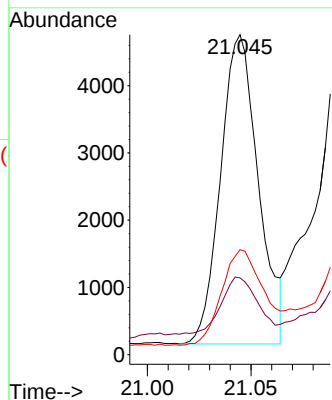
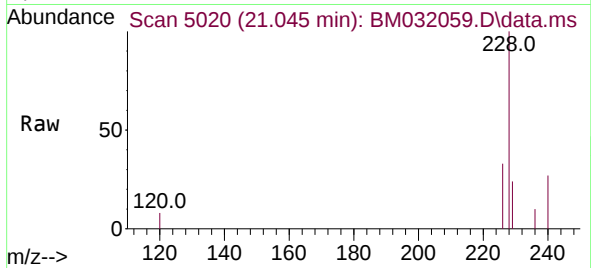
#21
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion:228	Resp:	5835
Ion Ratio	Lower	Upper
228	100	
229	24.0	17.1 25.7
226	32.8	23.1 34.7

Instrument :
BNA_M
ClientSampleId :
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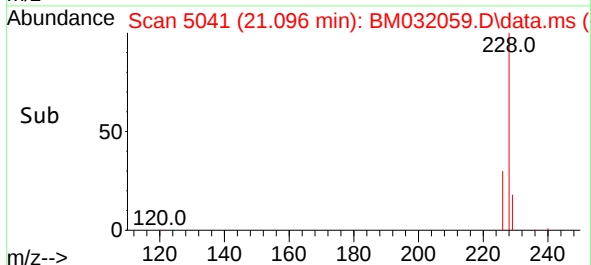
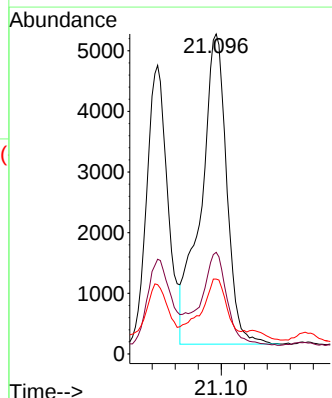
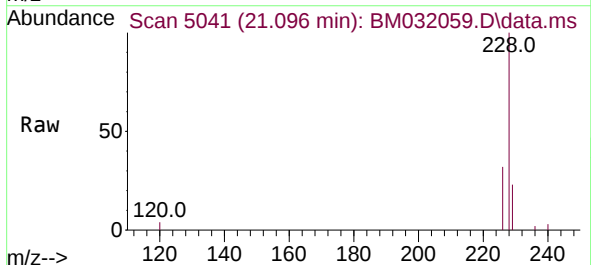
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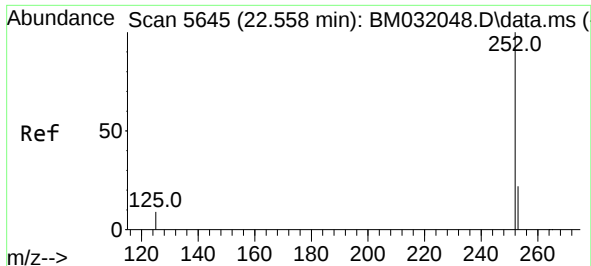
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#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion:228	Resp:	7963
Ion Ratio	Lower	Upper
228	100	
226	31.8	24.2 36.2
229	23.4	16.3 24.5





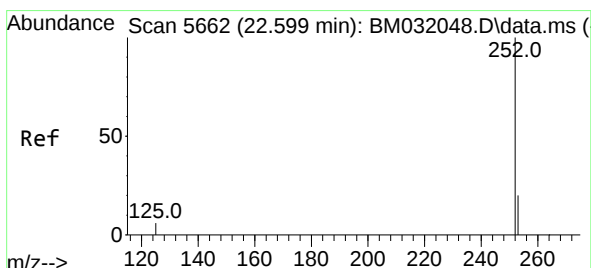
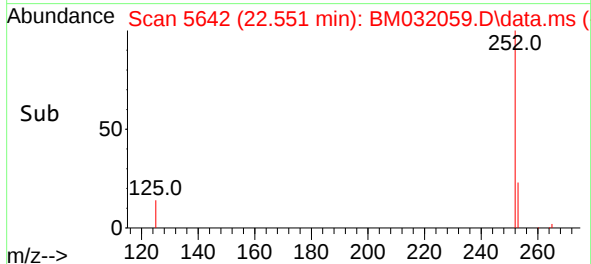
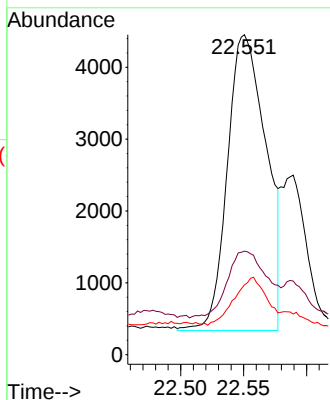
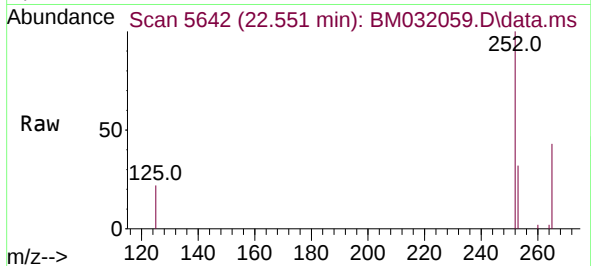
#24
Benzo(b)fluoranthene
Concen: 0.211 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion:252 Resp: 8799
Ion Ratio Lower Upper
252 100
253 32.3 0.0 61.0
125 21.8 0.0 28.4

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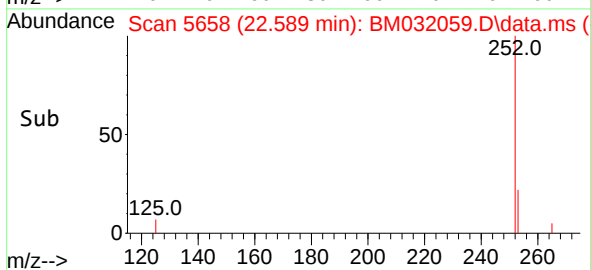
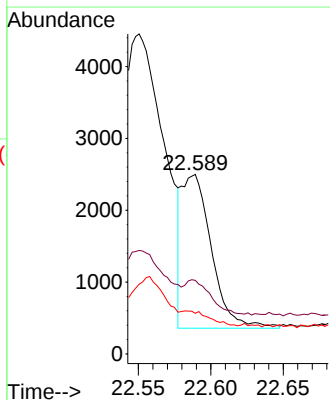
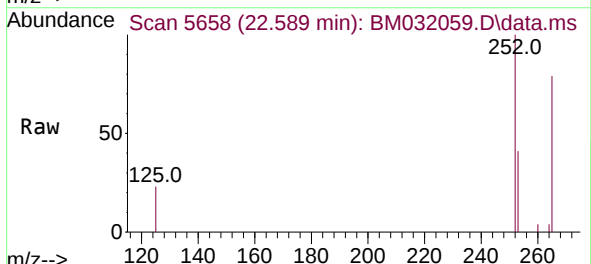
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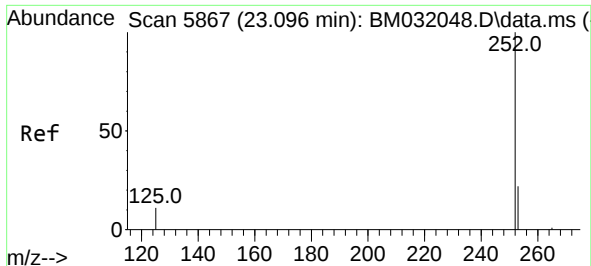
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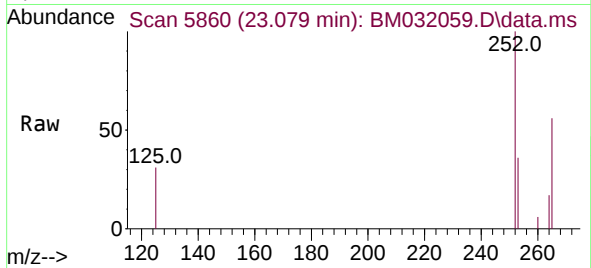
#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion:252 Resp: 3063
Ion Ratio Lower Upper
252 100
253 41.0 25.2 37.8#
125 22.7 11.0 16.4#

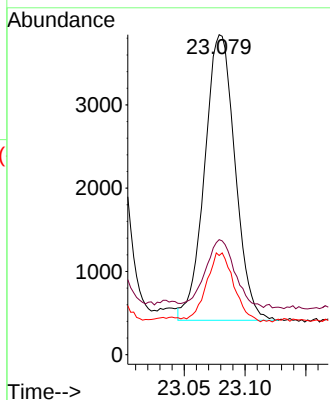
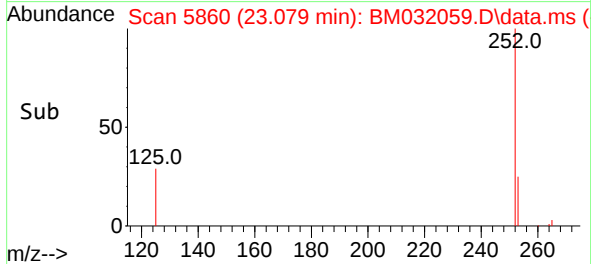




#26
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



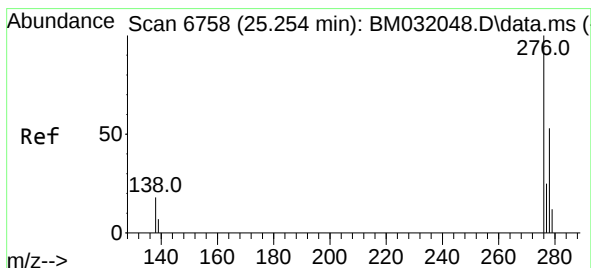
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Ion Ratio Lower Upper
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125 31.0 13.9 20.9#



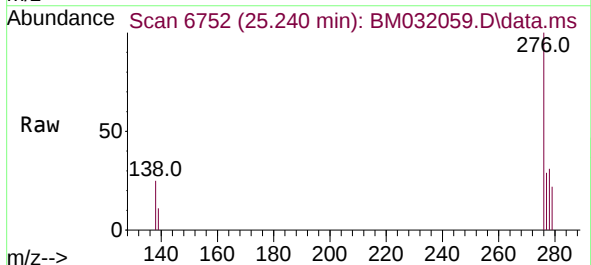
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ClientSampleID :
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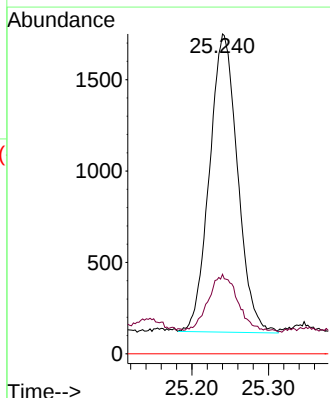
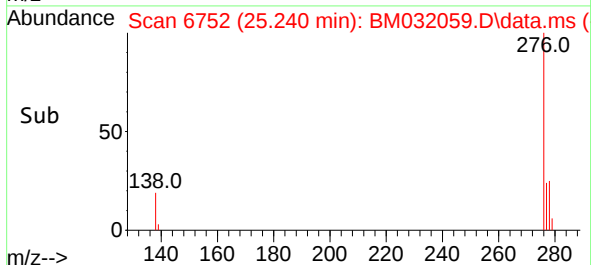
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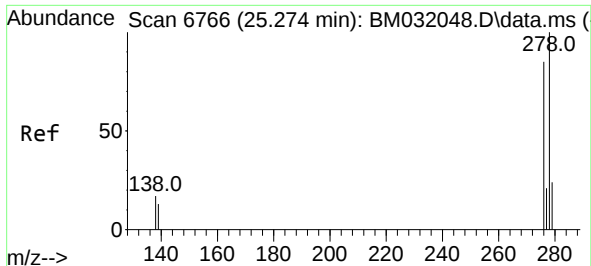


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09



Tgt Ion:276 Resp: 4158
Ion Ratio Lower Upper
276 100
138 20.8 14.1 21.1
227 0.0 0.0 0.0





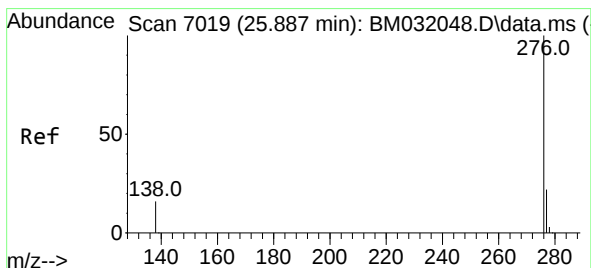
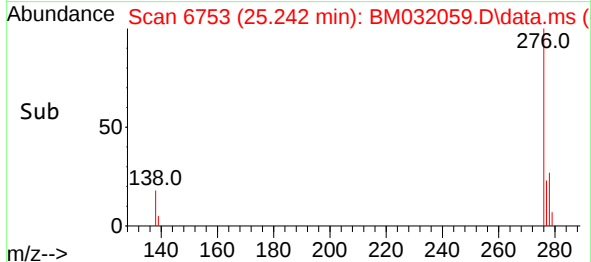
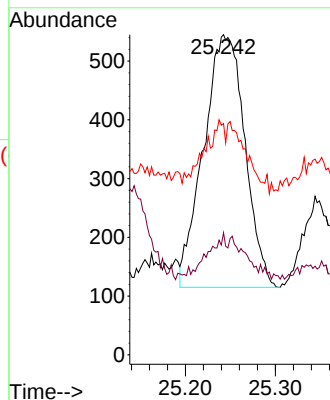
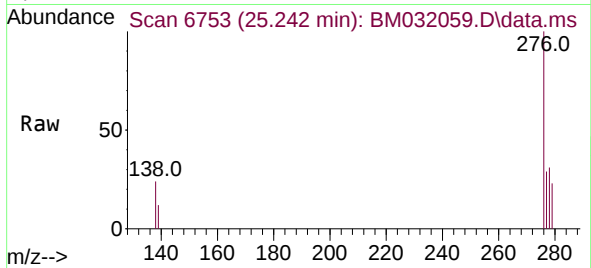
#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.044 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion: 278 Resp: 1371
Ion Ratio Lower Upper
278 100
139 38.2 13.4 20.0#
279 72.3 27.2 40.8#

Instrument :
BNA_M
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:37:49 AM



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032059.D
Acq: 04 Sep 2021 03:09

Tgt Ion: 276 Resp: 4364
Ion Ratio Lower Upper
276 100
138 25.4 14.5 21.7#
277 29.0 21.2 31.8

