

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031260.D
 Acq On : 29 Jul 2021 22:14
 Operator : CG/JU
 Sample : M3084-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0030

Manual Integrations
 APPROVED

mohammad
 7/30/2021 12:02:27 PM

Quant Time: Jul 30 03:42:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	5204	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3147	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	6004	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	4595	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	4716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5210	3.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1759	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3509	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	1007	0.065	ng/ul#	86
7) 2-Methylnaphthalene	12.043	142	1350	0.127	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	1049	0.100	ng/ul	98
11) Acenaphthene	14.307	153	253m	0.022	ng/ul	
12) Fluorene	15.297	166	458	0.035	ng/ul#	81
15) Phenanthrene	17.030	178	6394	0.335	ng/ul	99
16) Anthracene	17.124	178	911m	0.051	ng/ul	
19) Fluoranthene	19.054	202	4097	0.209	ng/ul#	92
20) Pyrene	19.416	202	3406m	0.171	ng/ul	
21) Benzo(a)anthracene	21.164	228	1556	0.084	ng/ul#	76
22) Chrysene	21.217	228	2840	0.148	ng/ul#	89
24) Benzo(b)fluoranthene	22.704	252	2133m	0.100	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	697m	0.032	ng/ul	
26) Benzo(a)pyrene	23.251	252	1197	0.064	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	25.492	276	746	0.031	ng/ul#	82
29) Benzo(g,h,i)perylene	26.146	276	664	0.032	ng/ul#	51

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

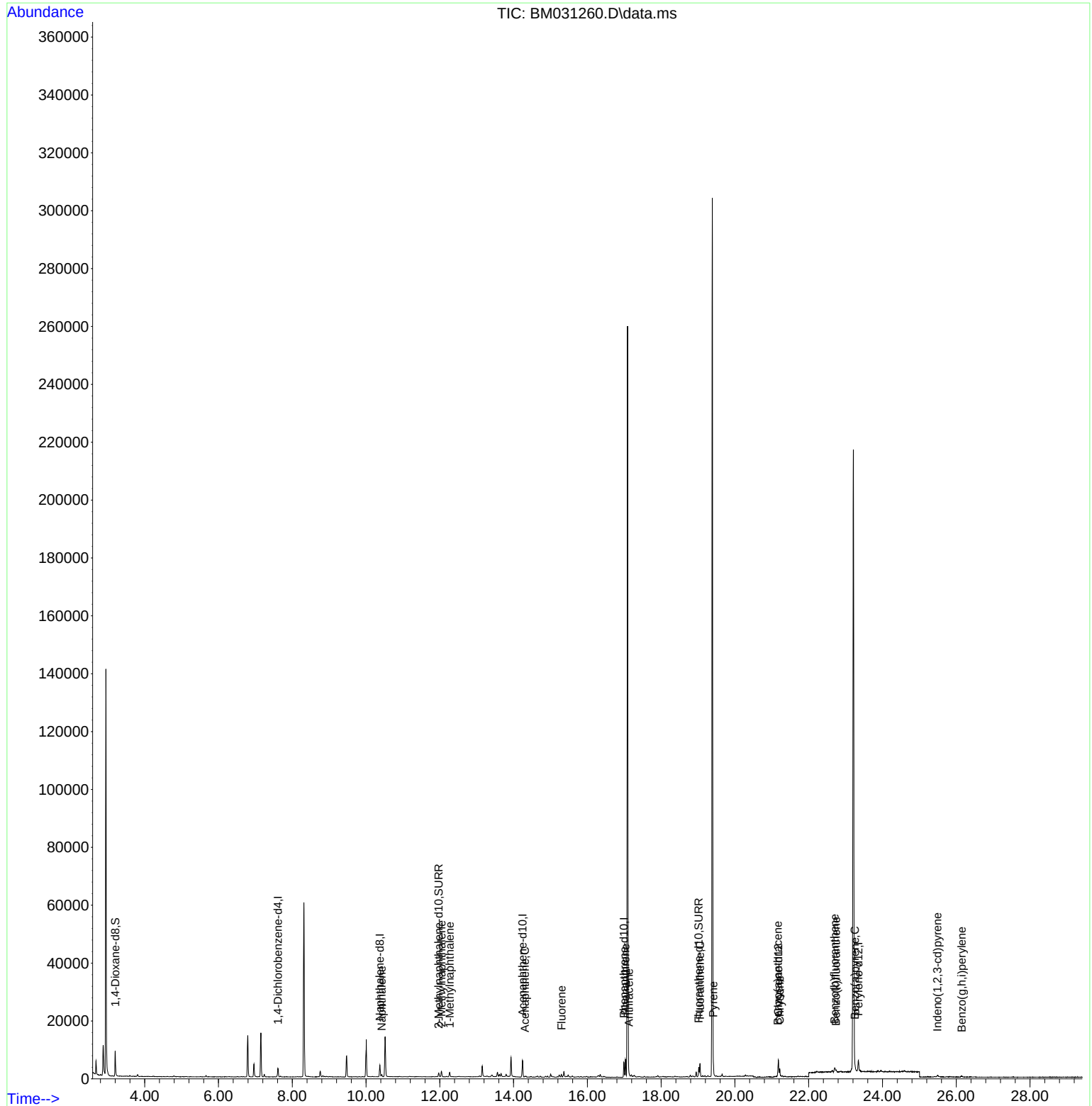
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031260.D
Acq On : 29 Jul 2021 22:14
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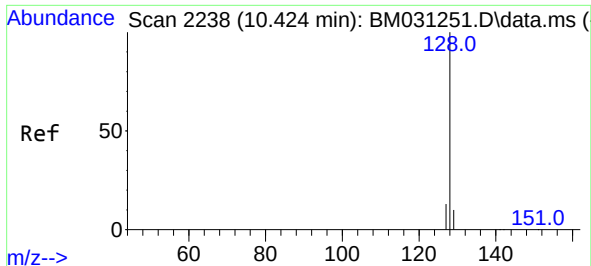
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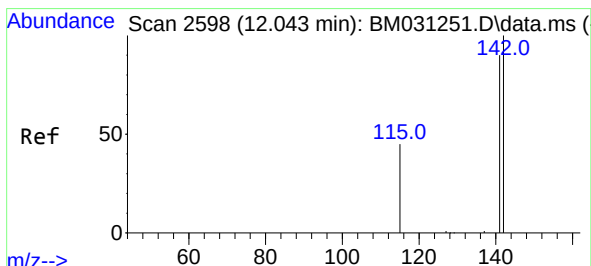
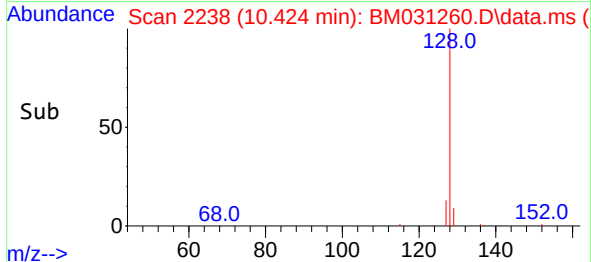
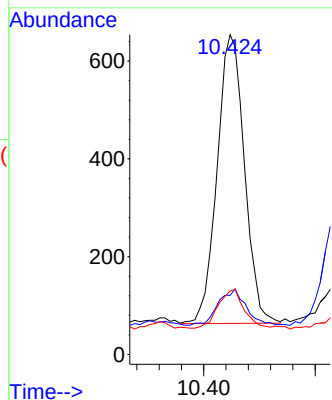
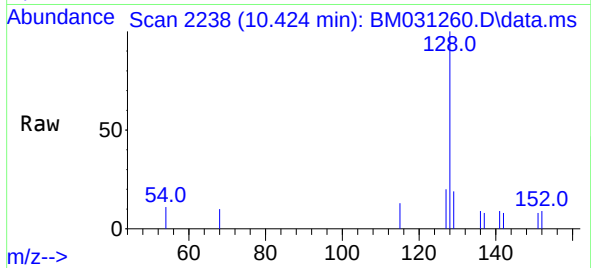
#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion:128 Resp: 1007
Ion Ratio Lower Upper
128 100
129 18.5 10.0 15.0#
127 19.9 11.6 17.4#

Instrument :
BNA_M
ClientSampled :
C0030

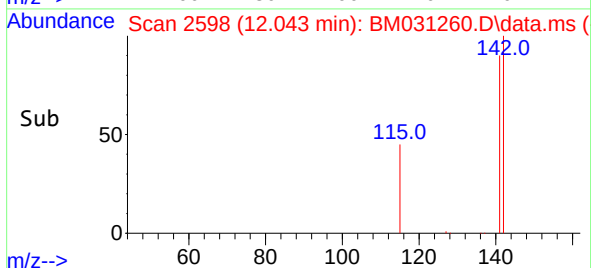
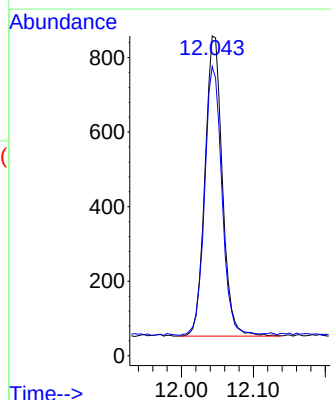
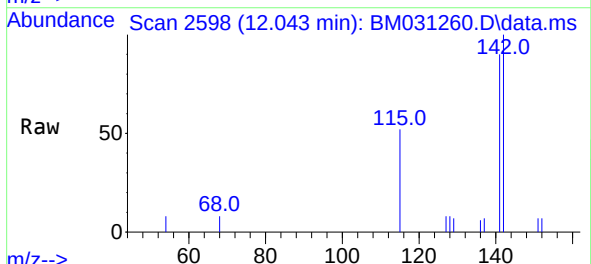
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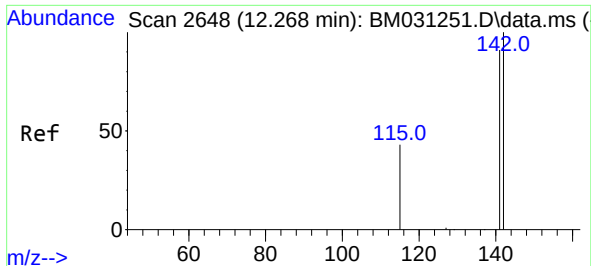
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#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion:142 Resp: 1350
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





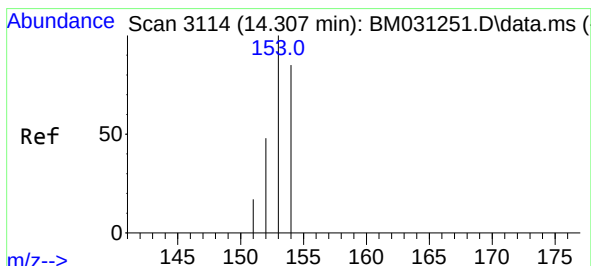
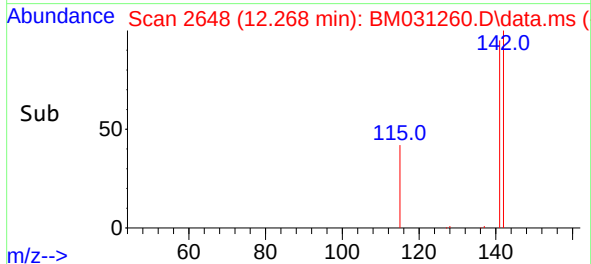
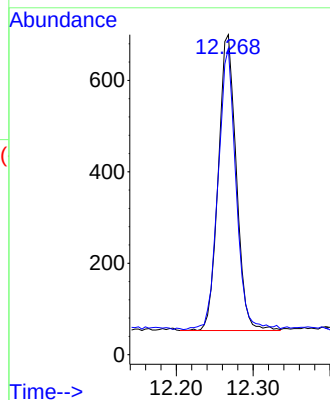
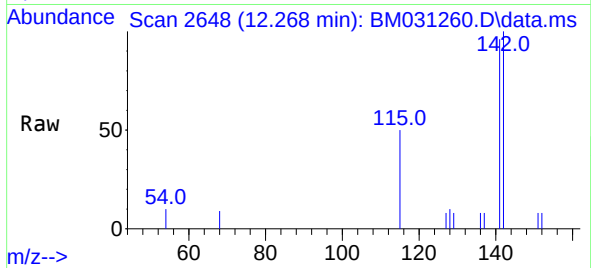
#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion:142 Resp: 1049
Ion Ratio Lower Upper
142 100
141 94.8 74.1 111.1

Instrument :
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ClientSampled :
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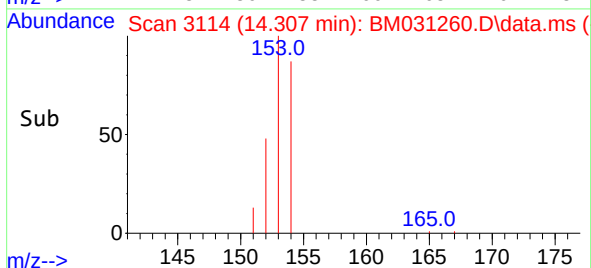
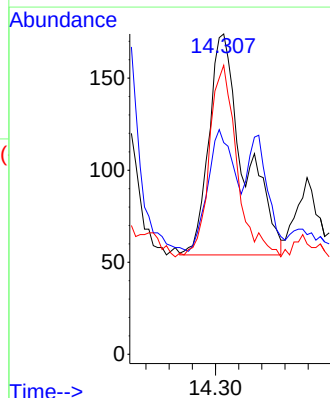
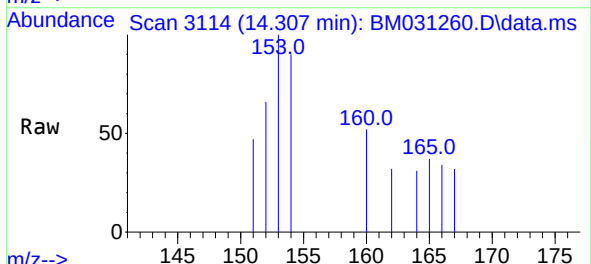
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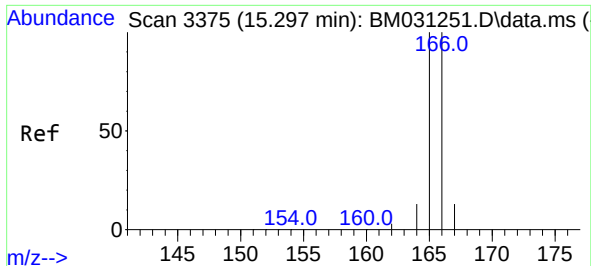
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#11
Acenaphthene
Concen: 0.022 ng/ul m
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

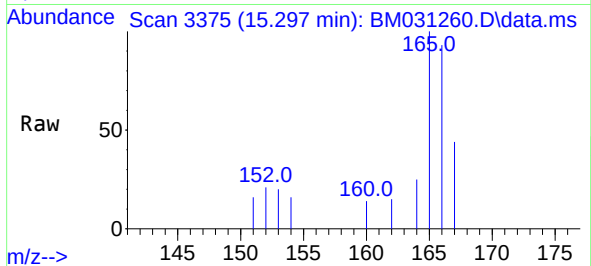
Tgt Ion:153 Resp: 253
Ion Ratio Lower Upper
153 100
152 66.1 40.7 61.1#
154 90.2 70.2 105.2





#12
Fluorene
Concen: 0.035 ng/uI
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

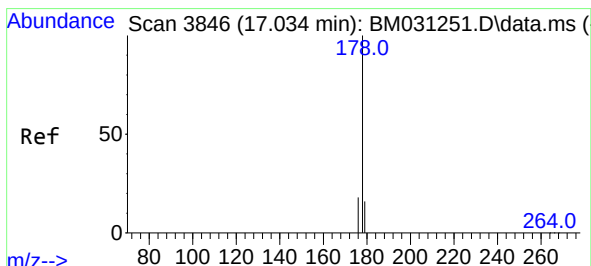
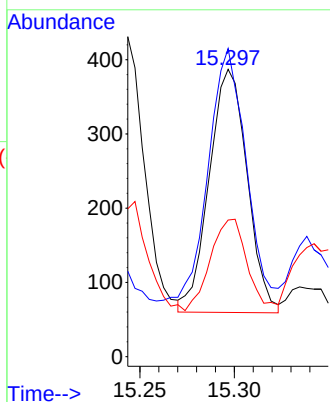
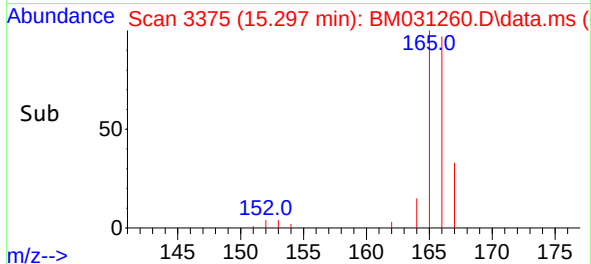
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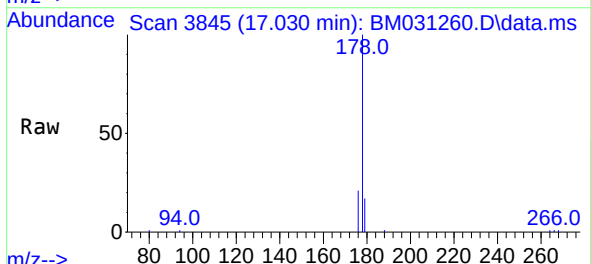
Tgt Ion:166 Resp: 458
Ion Ratio Lower Upper
166 100
165 107.2 78.0 117.0
167 47.5 12.0 18.0#

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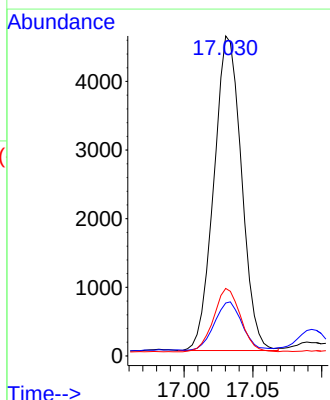
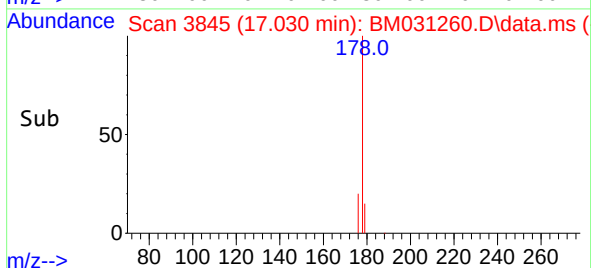
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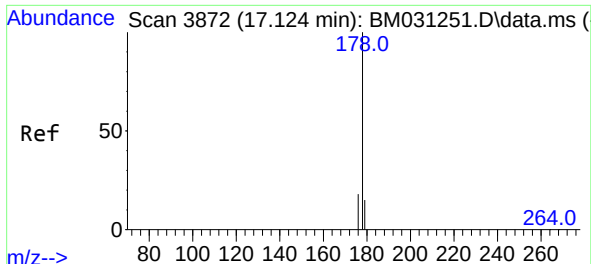


#15
Phenanthrene
Concen: 0.335 ng/uI
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14



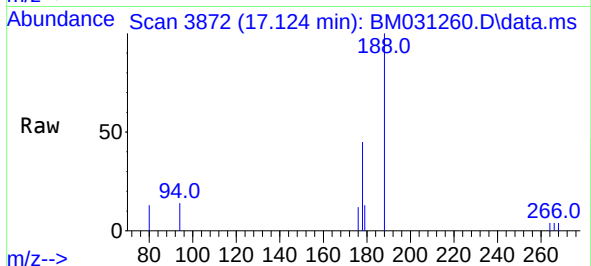
Tgt Ion:178 Resp: 6394
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 21.1 16.2 24.4





#16
 Anthracene
 Concen: 0.051 ng/ul m
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031260.D
 Acq: 29 Jul 2021 22:14

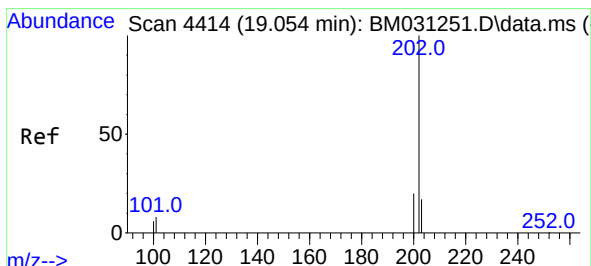
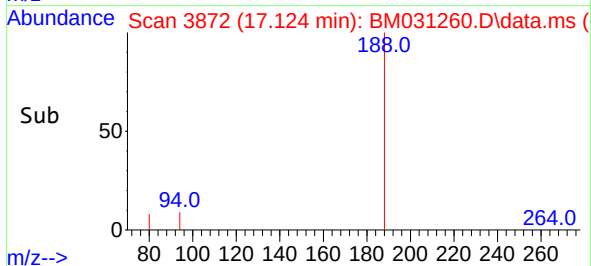
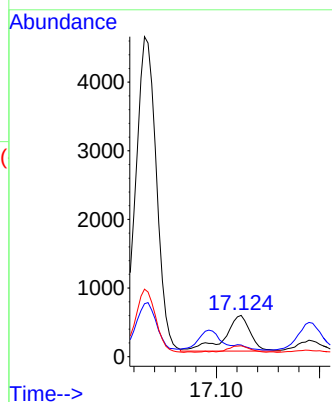
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 BNA_M
 ClientSampled :
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Tgt Ion:	178	Resp:	911
Ion	Ratio	Lower	Upper
178	100		
179	28.4	13.0	19.6#
176	26.4	15.6	23.4#

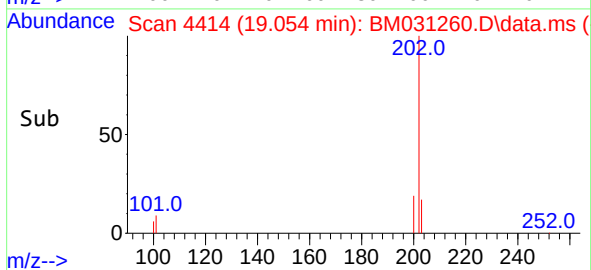
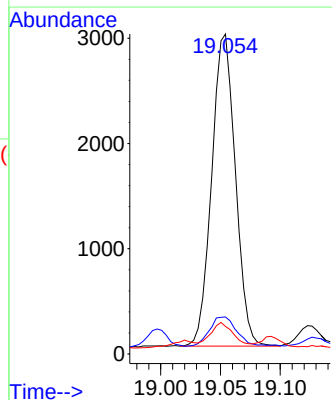
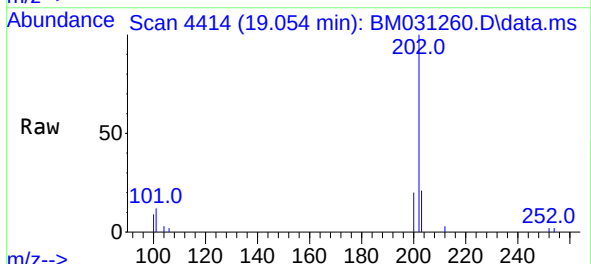
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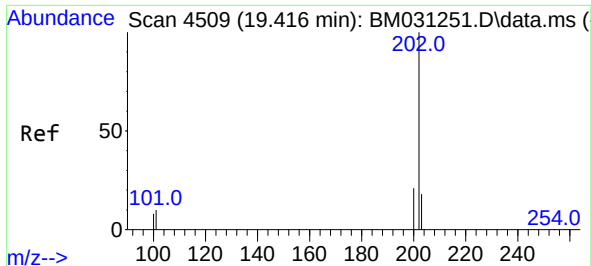
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#19
 Fluoranthene
 Concen: 0.209 ng/ul
 RT: 19.054 min Scan# 4414
 Delta R.T. -0.000 min
 Lab File: BM031260.D
 Acq: 29 Jul 2021 22:14

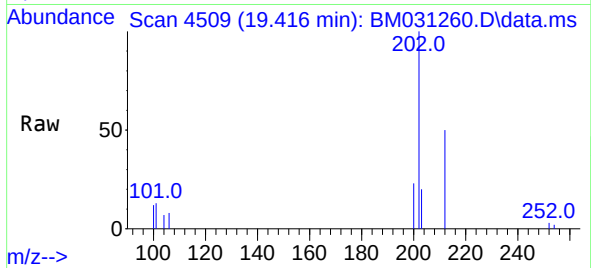
Tgt Ion:	202	Resp:	4097
Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.6	10.0#
100	8.6	5.4	8.0#





#20
Pyrene
Concen: 0.171 ng/ul m
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

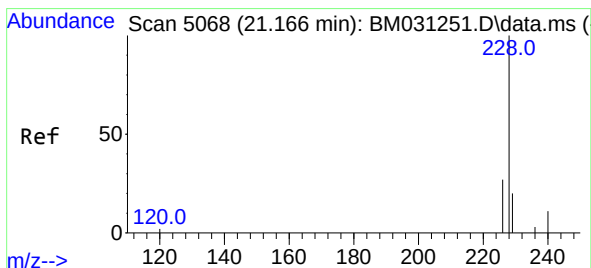
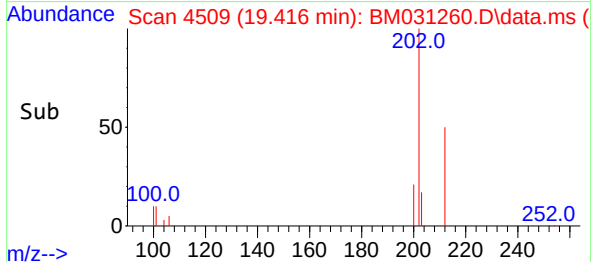
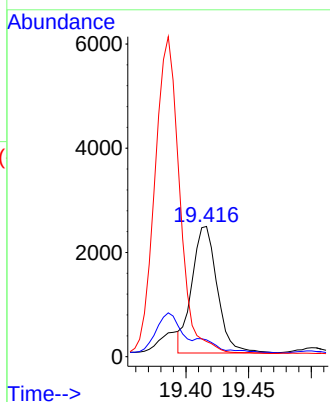
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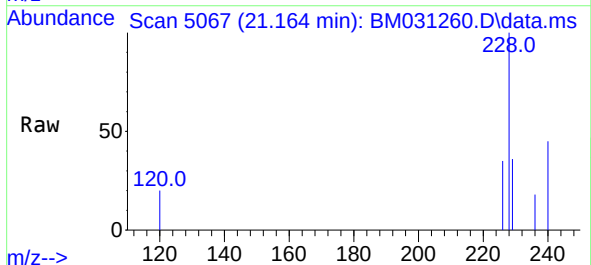
Tgt Ion:202 Resp: 3406
Ion Ratio Lower Upper
202 100
101 13.0 7.8 11.6#
100 11.7 6.6 10.0#

Manual Integrations
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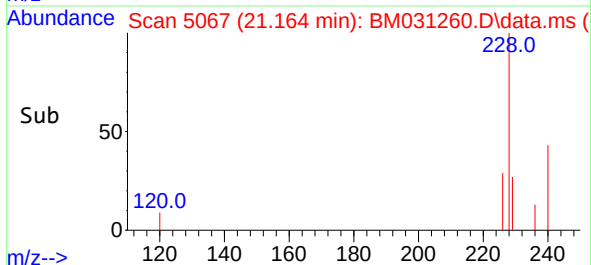
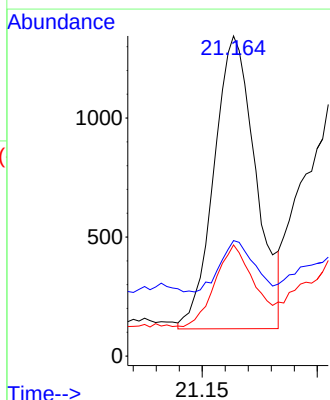
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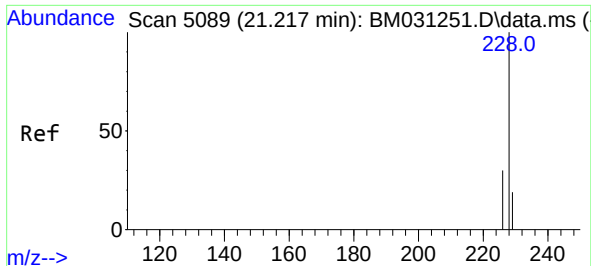


#21
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

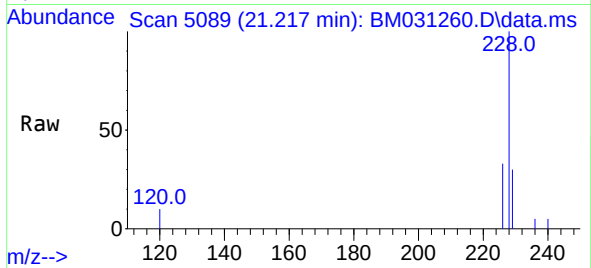


Tgt Ion:228 Resp: 1556
Ion Ratio Lower Upper
228 100
229 36.1 15.6 23.4#
226 34.7 21.7 32.5#

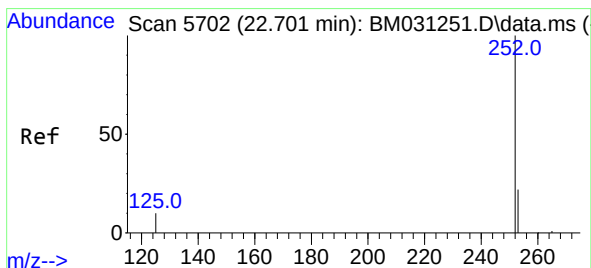
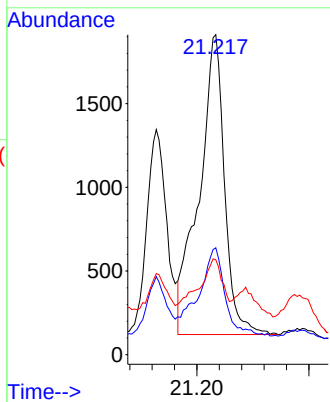
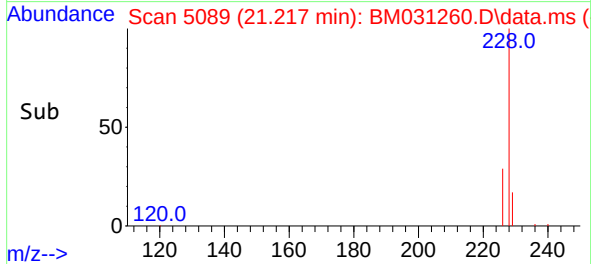




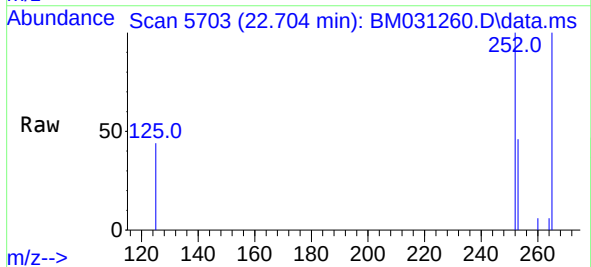
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Chrysene
Concen: 0.148 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14



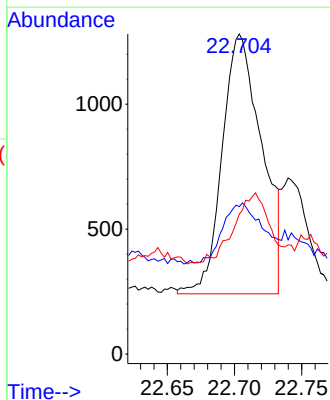
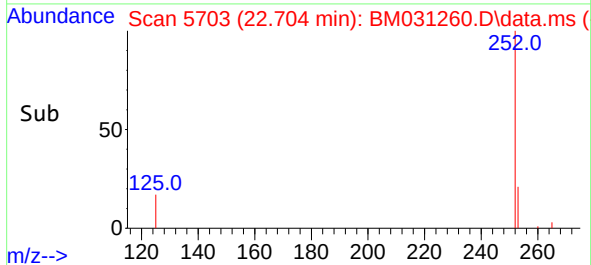
Tgt Ion:228 Resp: 2840
Ion Ratio Lower Upper
228 100
226 33.4 24.7 37.1
229 29.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.003 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14



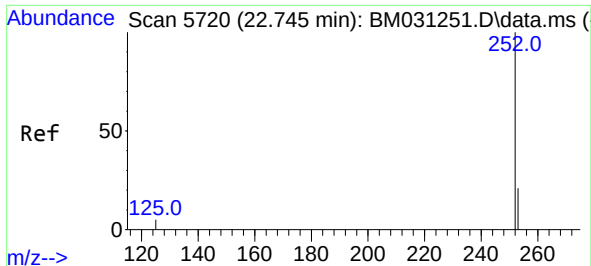
Tgt Ion:252 Resp: 2133
Ion Ratio Lower Upper
252 100
253 46.1 0.0 53.0
125 43.7 0.0 22.8#



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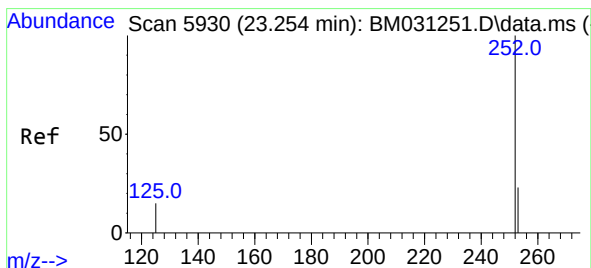
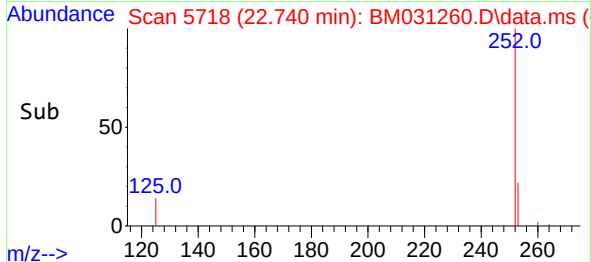
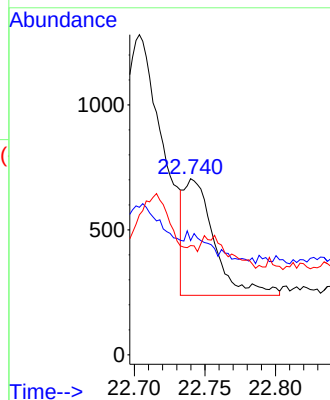
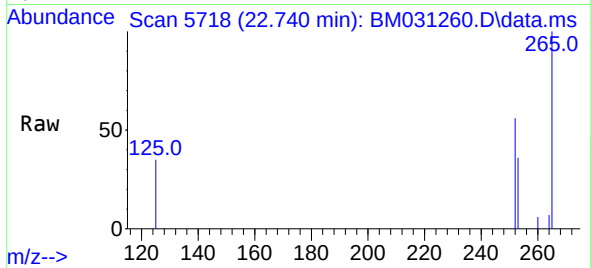
#25
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion:252 Resp: 697
Ion Ratio Lower Upper
252 100
253 64.8 21.3 31.9#
125 62.0 8.8 13.2#

Instrument :
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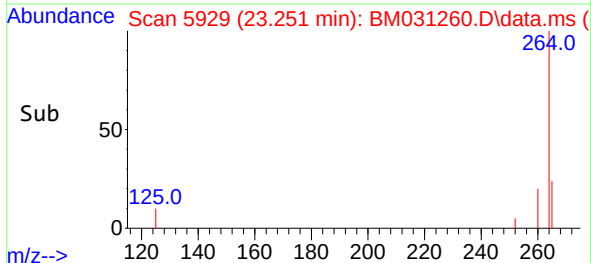
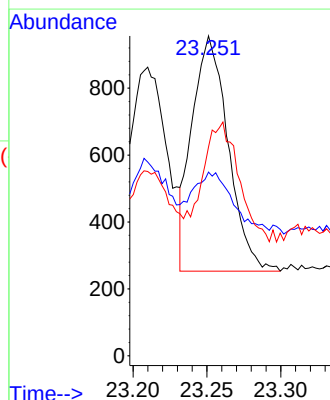
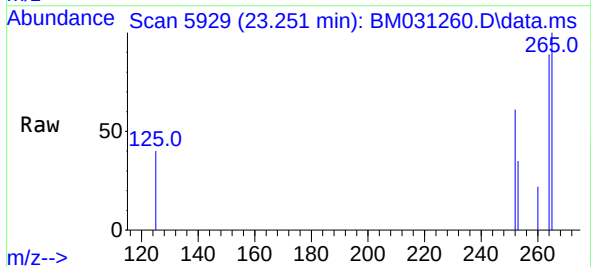
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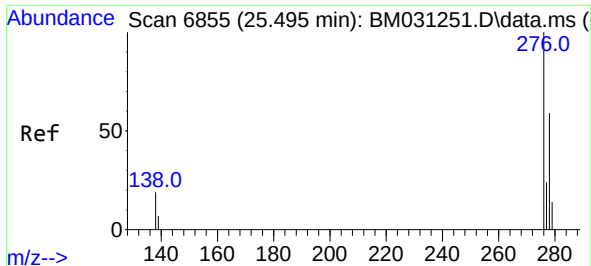
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#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. -0.005 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion:252 Resp: 1197
Ion Ratio Lower Upper
252 100
253 57.4 22.4 33.6#
125 65.3 13.0 19.4#





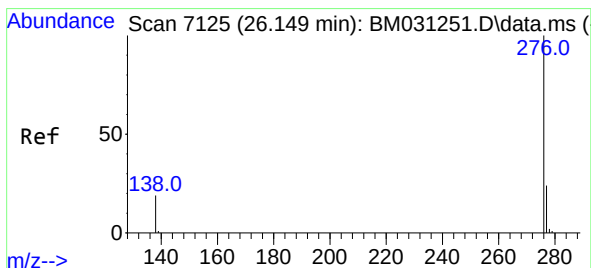
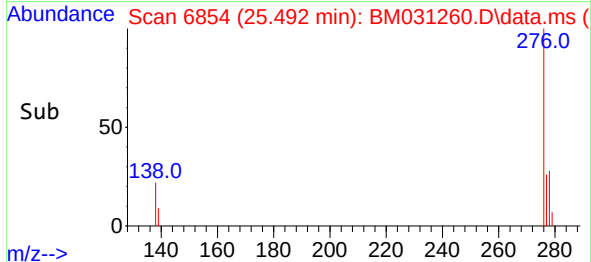
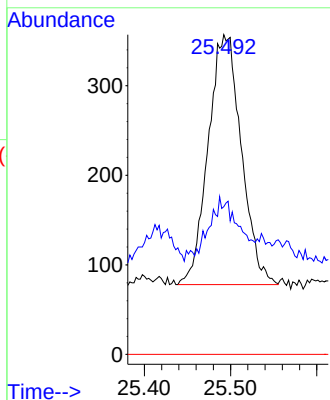
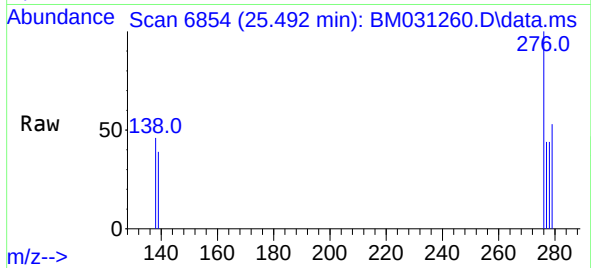
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion: 276 Resp: 746
Ion Ratio Lower Upper
276 100
138 27.9 15.8 23.8#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C0030

Manual Integrations
APPROVED

mohammad
7/30/2021 12:02:27 PM



#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.002 min
Lab File: BM031260.D
Acq: 29 Jul 2021 22:14

Tgt Ion: 276 Resp: 664
Ion Ratio Lower Upper
276 100
138 48.2 15.4 23.2#
277 44.0 19.9 29.9#

