

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031285.D
 Acq On : 30 Jul 2021 21:20
 Operator : CG/JU
 Sample : M3084-09DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0027DL

Manual Integrations
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Quant Time: Jul 30 23:38:41 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 : Fri Jul 30 23:38:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	7067	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	4204	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	8076	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	6333	0.400	ng/ul	# 0.00
23) Perylene-d12	23.343	264	6212	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	840	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	312	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	626	0.030	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.419	128	6033	0.287	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	9907	0.689	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	5155	0.363	ng/ul	99
12) Fluorene	15.293	166	981	0.057	ng/ul#	84
15) Phenanthrene	17.027	178	12984	0.506	ng/ul	98
16) Anthracene	17.121	178	689	0.029	ng/ul#	74
19) Fluoranthene	19.050	202	3853	0.142	ng/ul#	88
20) Pyrene	19.413	202	3496	0.127	ng/ul#	87
21) Benzo(a)anthracene	21.161	228	1344	0.053	ng/ul#	53
22) Chrysene	21.212	228	4340	0.164	ng/ul#	83
24) Benzo(b)fluoranthene	22.701	252	2247m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	607m	0.021	ng/ul	
26) Benzo(a)pyrene	23.249	252	1084	0.044	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.483	276	698	0.022	ng/ul#	69
29) Benzo(g,h,i)perylene	26.142	276	805	0.030	ng/ul#	32

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

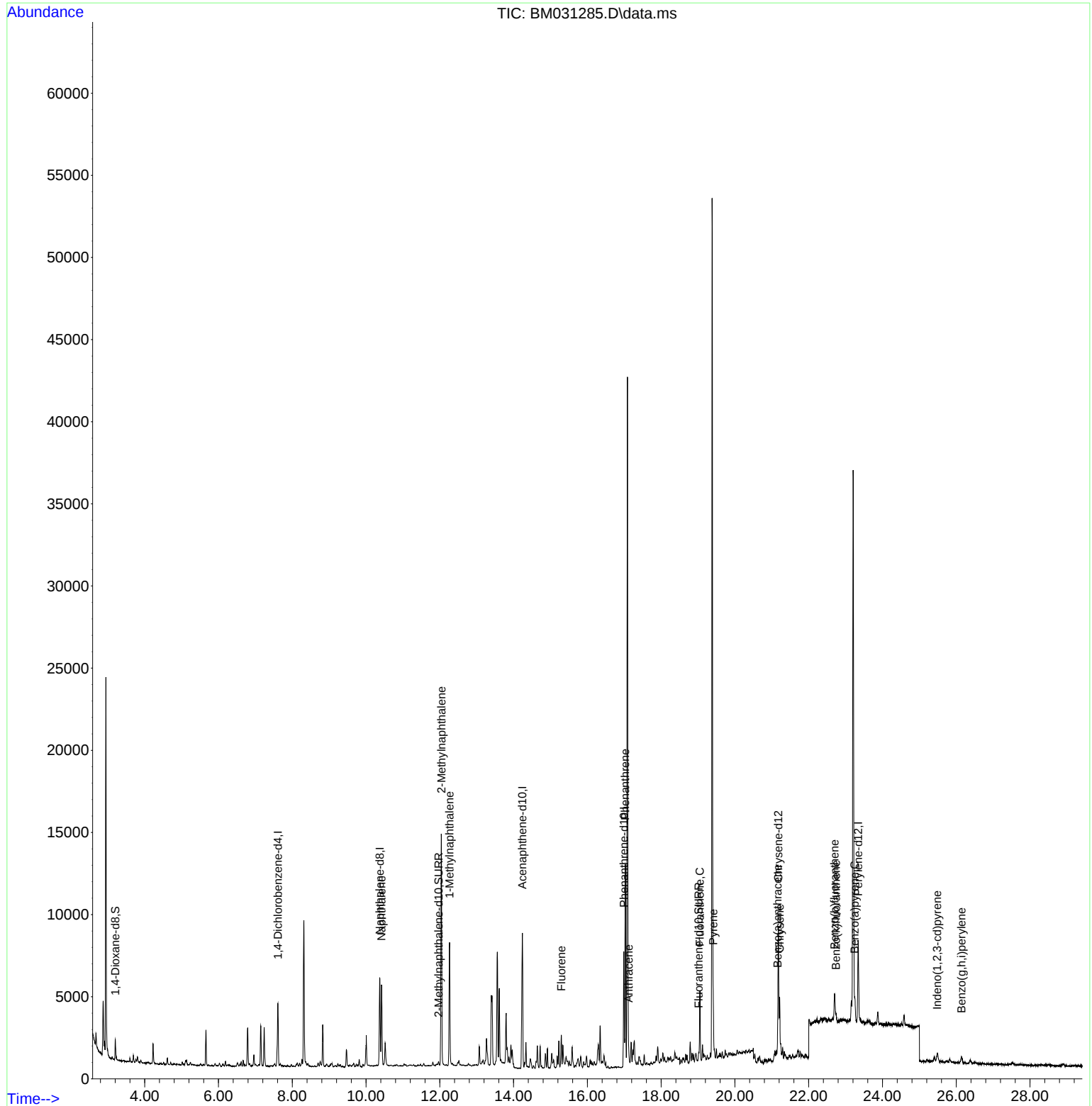
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Data File : BM031285.D
Acq On : 30 Jul 2021 21:20
Operator : CG/JU
Sample : M3084-09DL 5X
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ALS Vial : 48 Sample Multiplier: 1

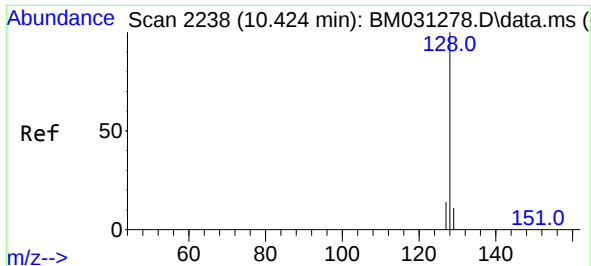
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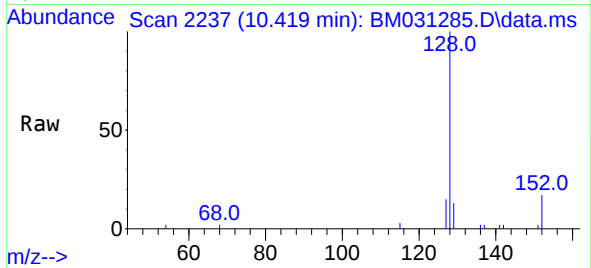
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Quant Time: Jul 30 23:38:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 23:38:17 2021
Response via : Initial Calibration



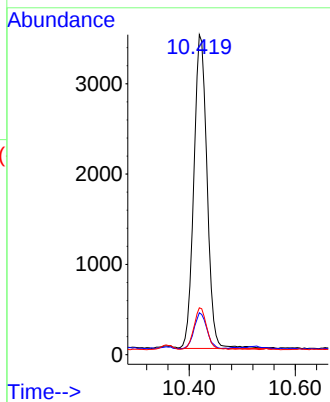
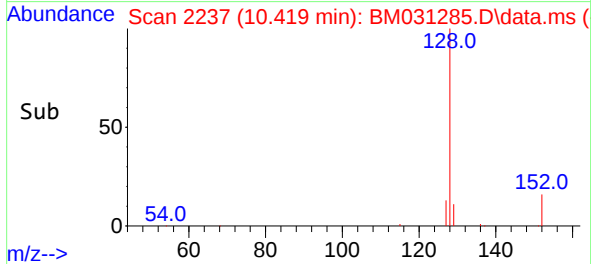


#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20



Tgt Ion:128 Resp: 6033

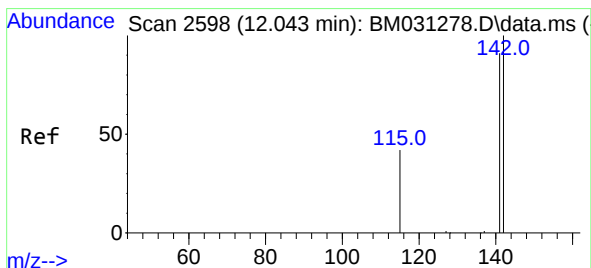
Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.0	15.0
127	14.7	11.6	17.4



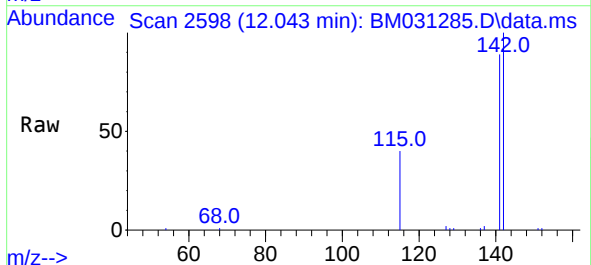
Instrument :
BNA_M
ClientSampleId :
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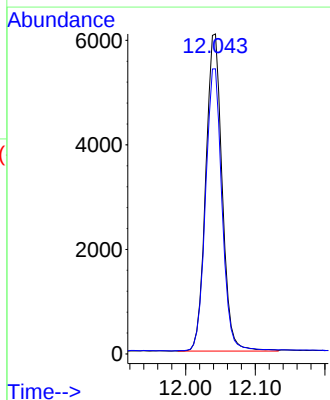
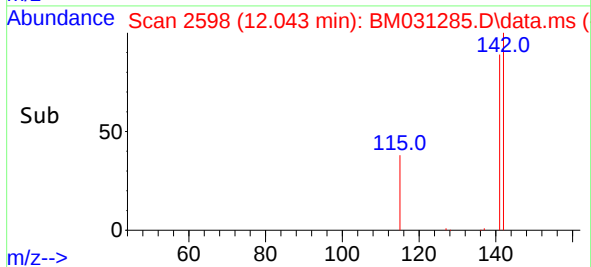


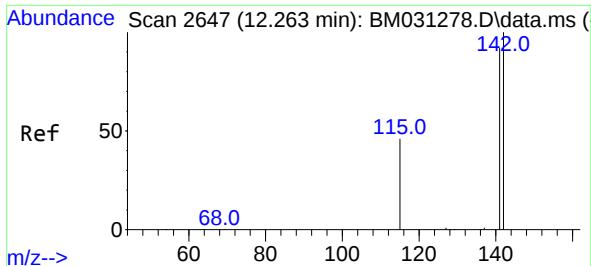
#7
2-Methylnaphthalene
Concen: 0.689 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. 0.001 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20



Tgt Ion:142 Resp: 9907

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0





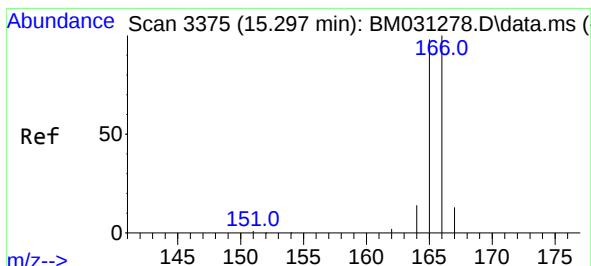
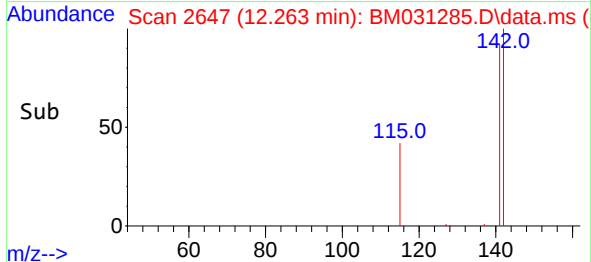
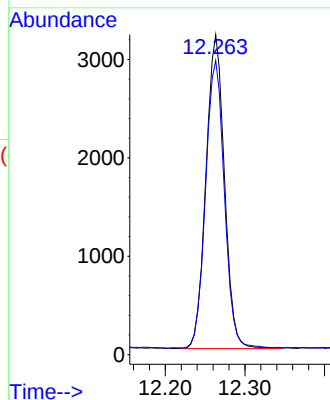
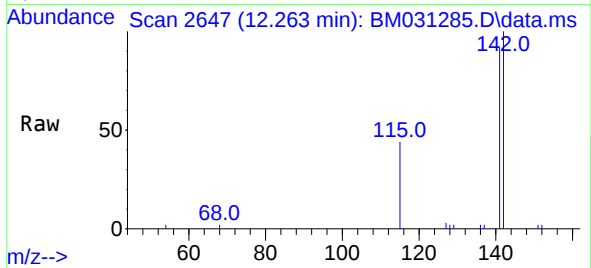
#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:142 Resp: 5155
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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ClientSampled :
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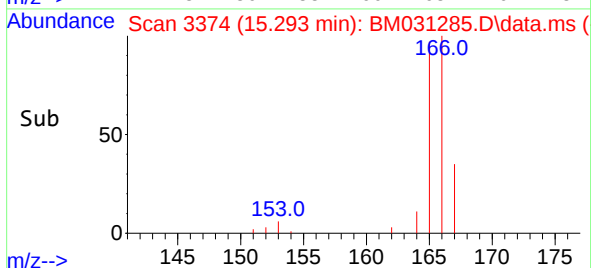
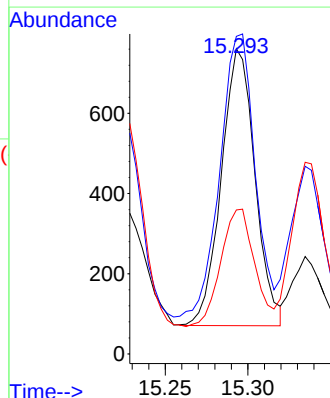
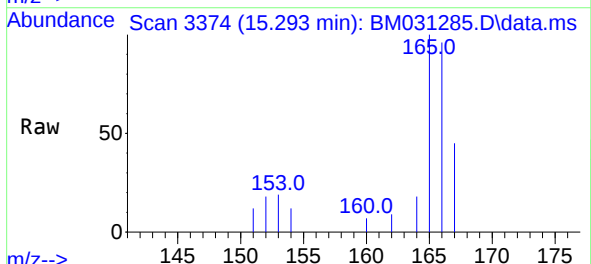
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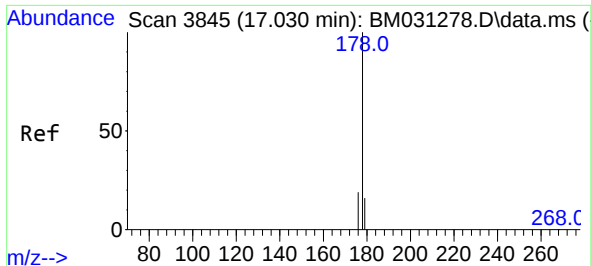
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#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.003 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

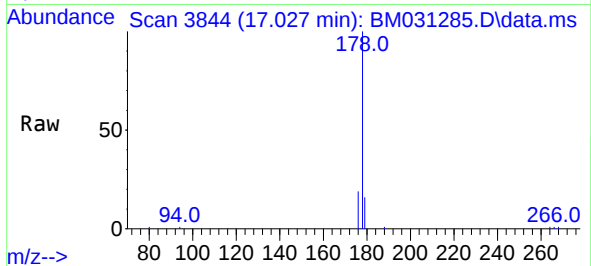
Tgt Ion:166 Resp: 981
Ion Ratio Lower Upper
166 100
165 104.1 78.0 117.0
167 47.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.506 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

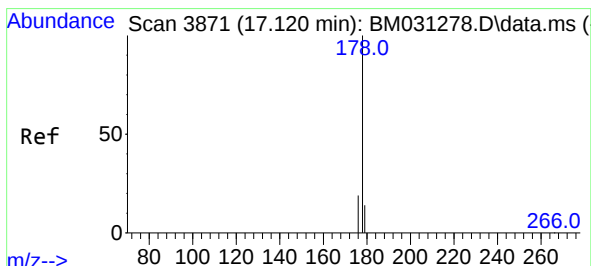
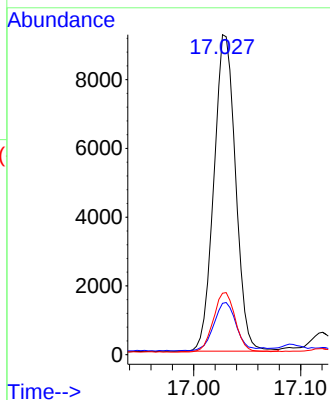
Instrument :
BNA_M
ClientSampled :
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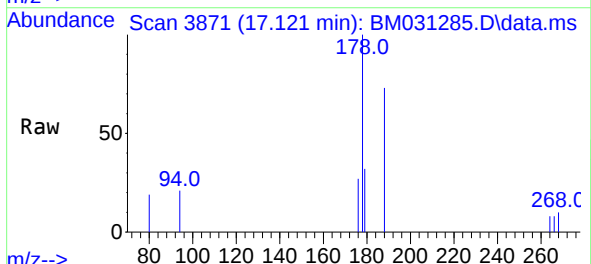
Tgt Ion:178 Resp: 12984
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 16.2 24.4

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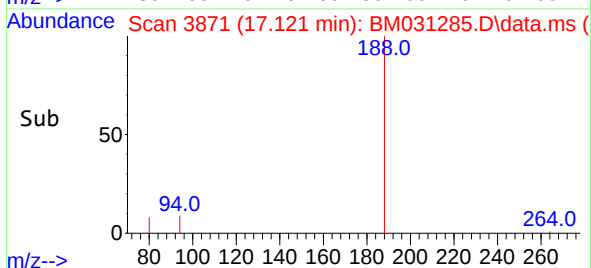
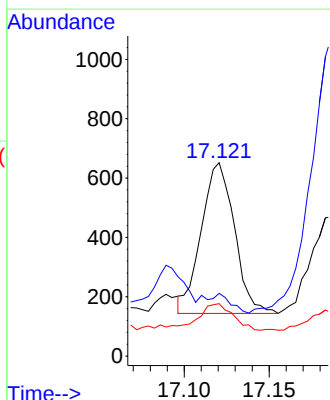
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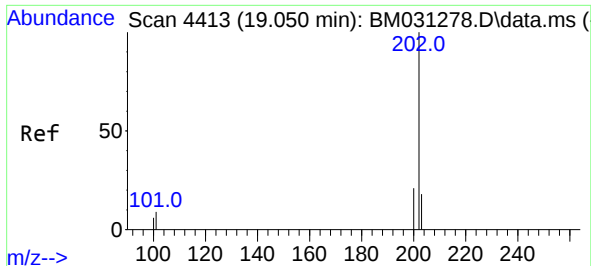


#16
Anthracene
Concen: 0.029 ng/u1
RT: 17.121 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20



Tgt Ion:178 Resp: 689
Ion Ratio Lower Upper
178 100
179 32.4 13.0 19.6#
176 27.1 15.6 23.4#





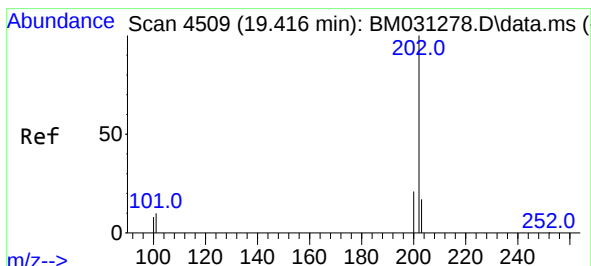
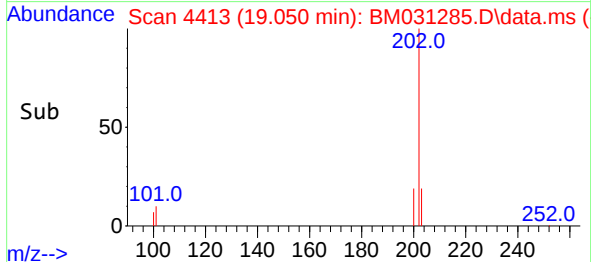
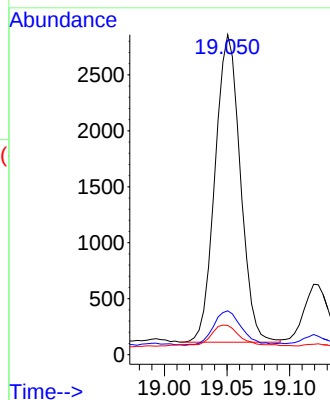
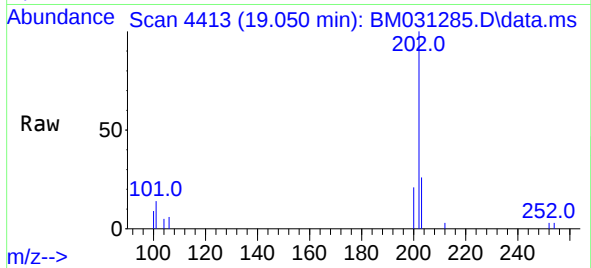
#19
Fluoranthene
Concen: 0.142 ng/u1
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	202	Resp:	3853
Ion	Ratio	Lower	Upper
202	100		
101	13.7	6.6	10.0#
100	9.1	5.4	8.0#

Instrument :
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ClientSampleId :
C0027DL

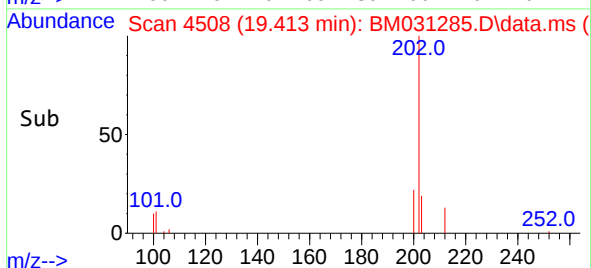
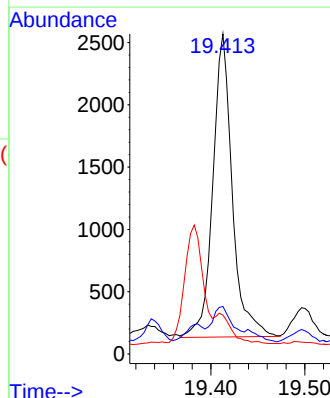
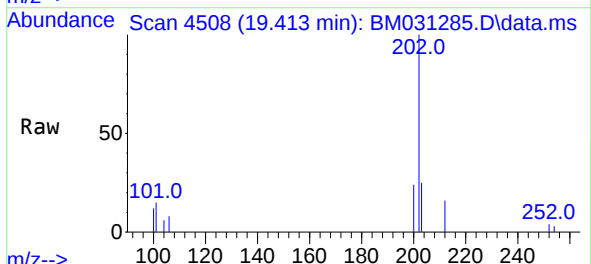
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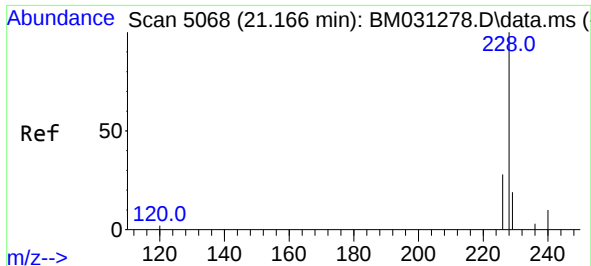
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#20
Pyrene
Concen: 0.127 ng/u1
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	202	Resp:	3496
Ion	Ratio	Lower	Upper
202	100		
101	14.8	7.8	11.6#
100	12.1	6.6	10.0#





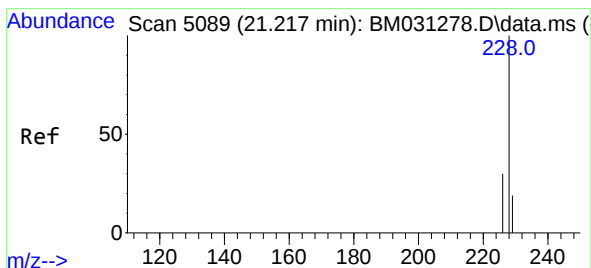
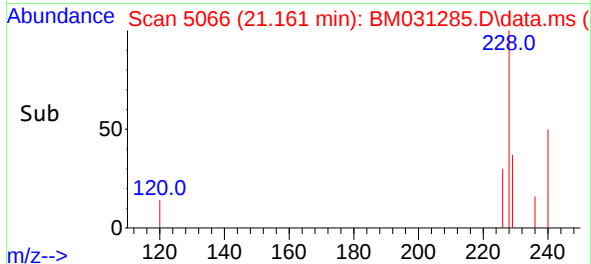
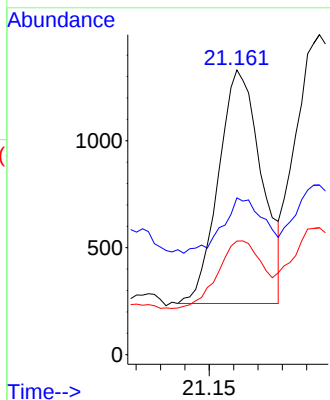
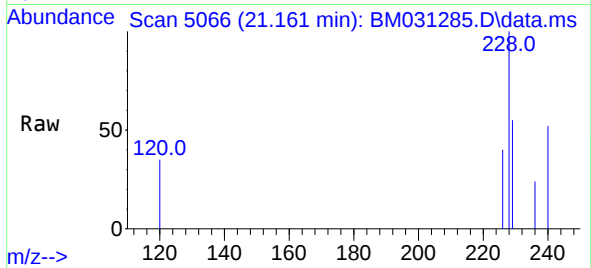
#21
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	228	Resp:	1344
Ion	Ratio	Lower	Upper
228	100		
229	55.1	15.6	23.4#
226	39.9	21.7	32.5#

Instrument :
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ClientSampled :
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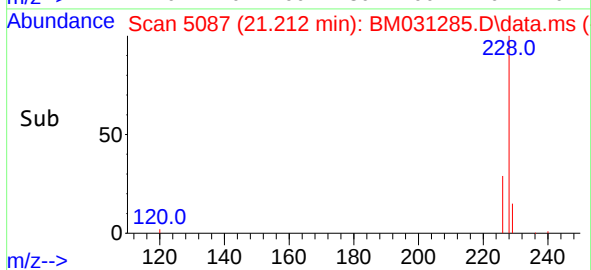
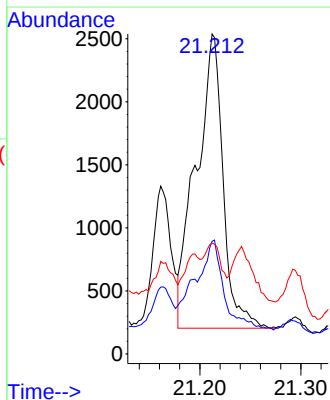
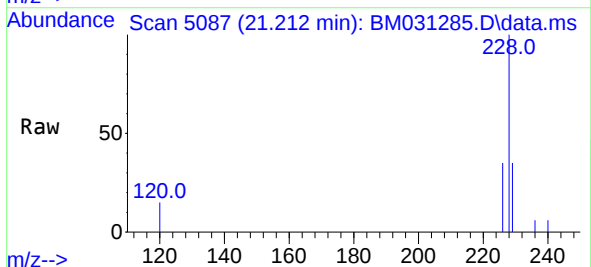
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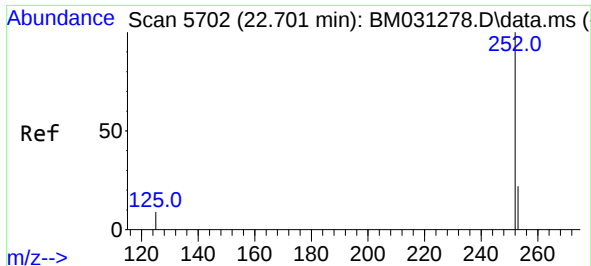
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#22
Chrysene
Concen: 0.164 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	228	Resp:	4340
Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.7	37.1
229	34.7	16.2	24.2#





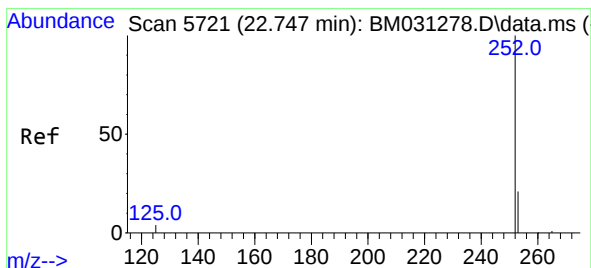
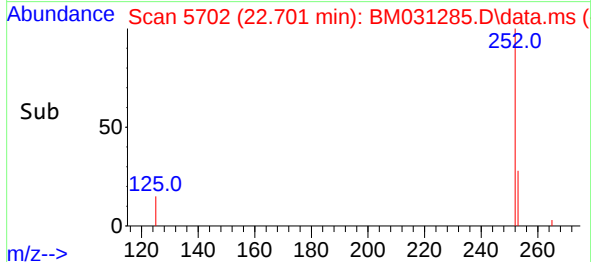
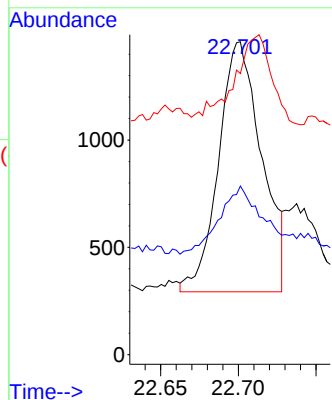
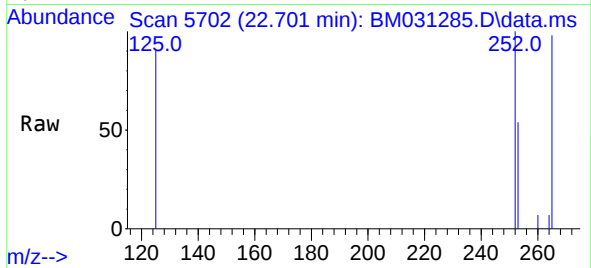
#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. 0.003 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:252 Resp: 2247
Ion Ratio Lower Upper
252 100
253 53.9 0.0 53.0#
125 89.8 0.0 22.8#

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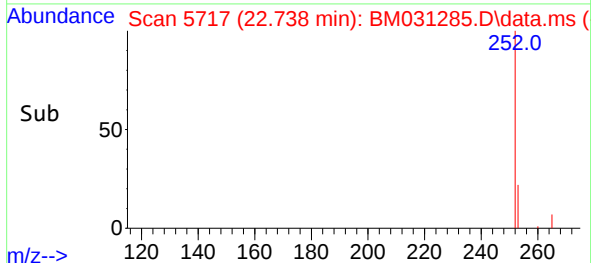
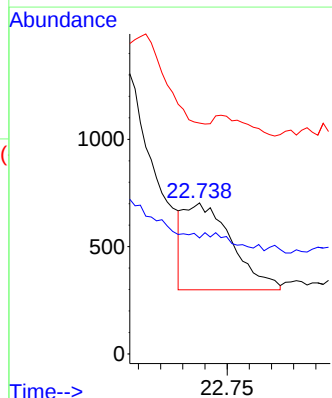
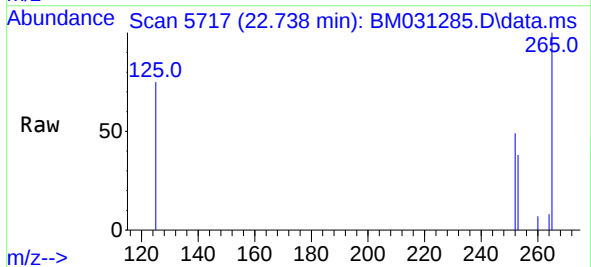
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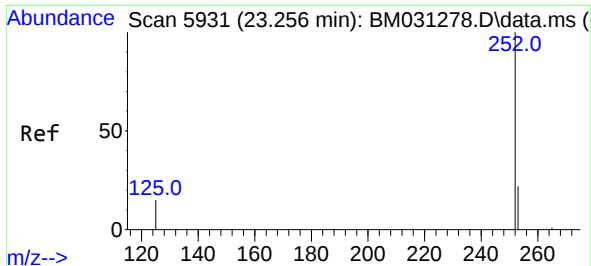
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#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 22.738 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:252 Resp: 607
Ion Ratio Lower Upper
252 100
253 76.7 21.3 31.9#
125 152.8 8.8 13.2#





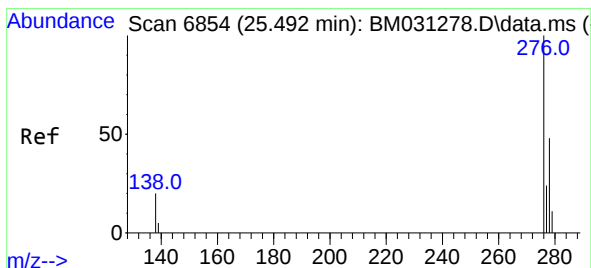
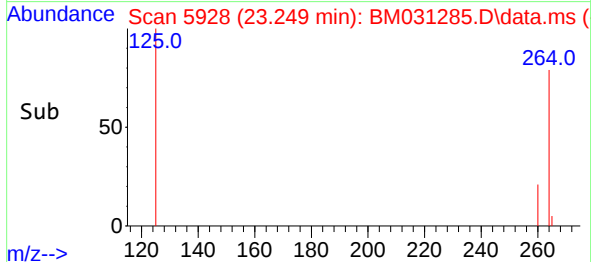
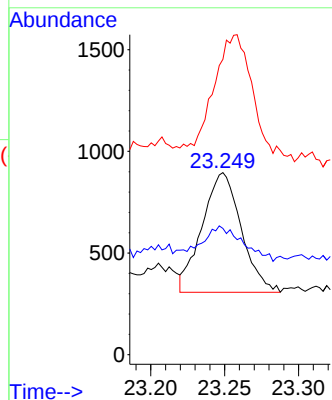
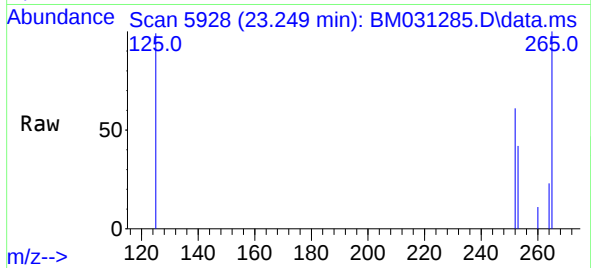
#26
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.249 min Scan# 5928
Delta R.T. 0.000 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	252	Resp:	1084
Ion Ratio	Lower	Upper	
252	100		
253	69.3	22.4	33.6#
125	162.2	13.0	19.4#

Instrument :
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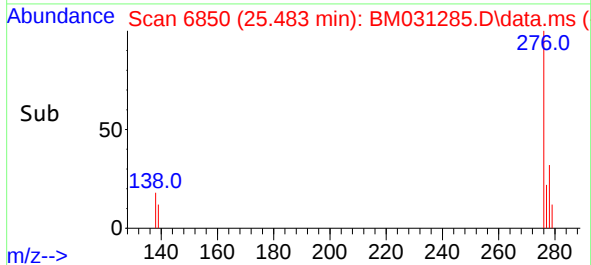
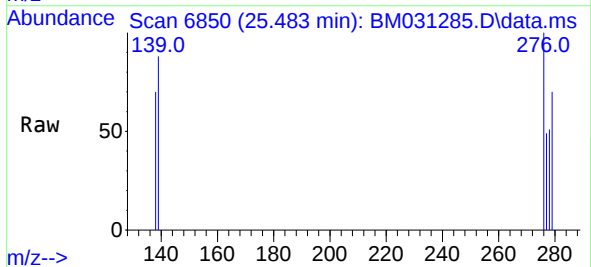
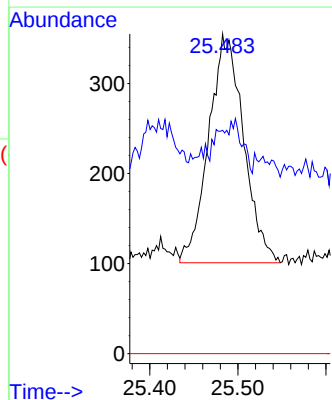
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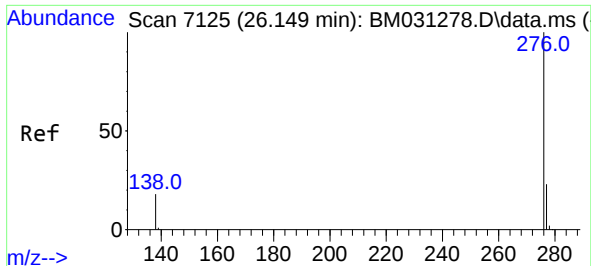
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion:	276	Resp:	698
Ion Ratio	Lower	Upper	
276	100		
138	5.6	15.8	23.8#
227	0.0	0.0	0.0





#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.142 min Scan# 7122
Delta R.T. -0.002 min
Lab File: BM031285.D
Acq: 30 Jul 2021 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	63.9	15.4	23.2#
277	47.3	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0027DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:23 PM

