

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031146.D
 Acq On : 25 Jul 2021 07:56
 Operator : CG/JU
 Sample : M2973-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC8

Manual Integrations
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Quant Time: Jul 26 03:56:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.635	152	1584	0.40 ng/ul	0.00
4) Naphthalene-d8	10.397	136	6372	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.258	164	4236	0.40 ng/ul	-0.01
13) Phenanthrene-d10	17.003	188	9117	0.40 ng/ul	#-0.01
17) Chrysene-d12	21.190	240	9116	0.40 ng/ul	0.00
23) Perylene-d12	23.360	264	7962	0.40 ng/ul	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.213	96	4440	2.67 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1902	0.17 ng/ul	0.00
18) Fluoranthene-d10	19.031	212	5785	0.21 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	10.446	128	1334	0.07 ng/ul#	91
10) Acenaphthylene	13.981	152	4551	0.26 ng/ul	100
11) Acenaphthene	14.322	153	1862	0.12 ng/ul	97
12) Fluorene	15.312	166	3399	0.19 ng/ul	96
15) Phenanthrene	17.044	178	50663	1.75 ng/ul	99
16) Anthracene	17.138	178	19556	0.72 ng/ul	97
19) Fluoranthene	19.066	202	114856	3.13 ng/ul	97
20) Pyrene	19.428	202	59573	1.59 ng/ul	98
21) Benzo(a)anthracene	21.173	228	82966	2.28 ng/ul	96
22) Chrysene	21.227	228	66497	1.69 ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	72096m	1.93 ng/ul	
25) Benzo(k)fluoranthene	22.752	252	29204m	0.77 ng/ul	
26) Benzo(a)pyrene	23.263	252	16237	0.50 ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.509	276	11645	0.27 ng/ul#	95
28) Dibenzo(a,h)anthracene	25.519	278	7619	0.22 ng/ul	92

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

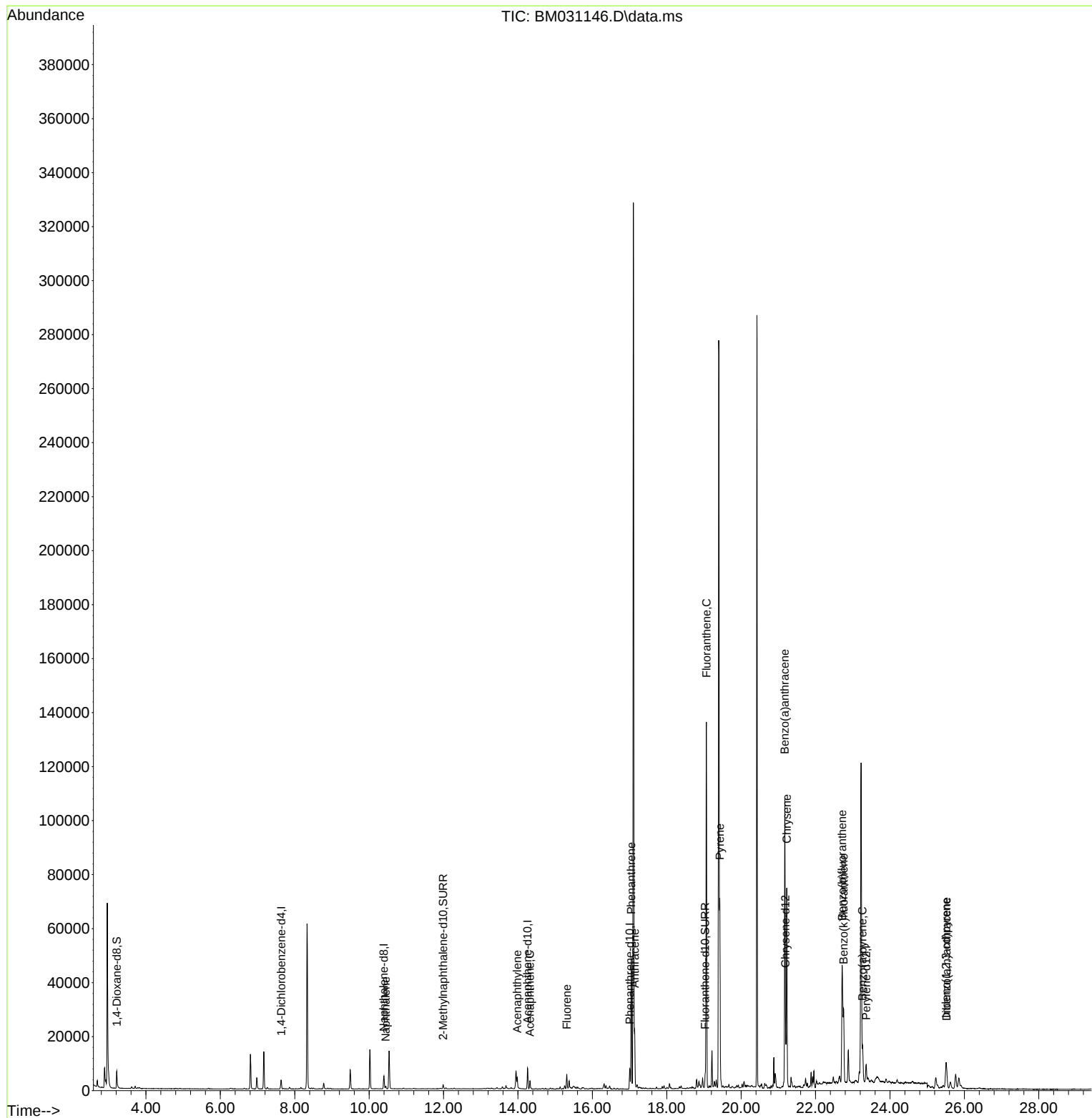
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031146.D
Acq On : 25 Jul 2021 07:56
Operator : CG/JU
Sample : M2973-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

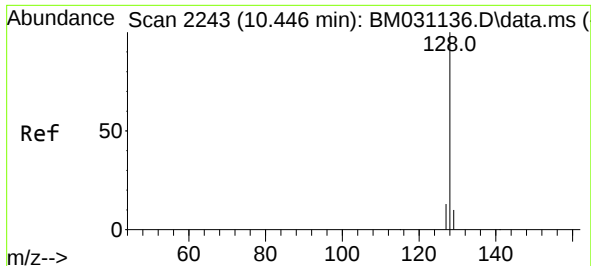
Instrument :
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ClientSampleId :
BGEC8

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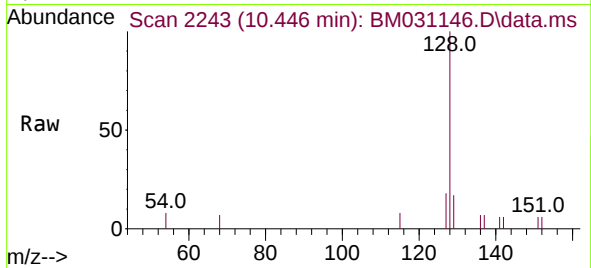
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Quant Time: Jul 26 03:56:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration

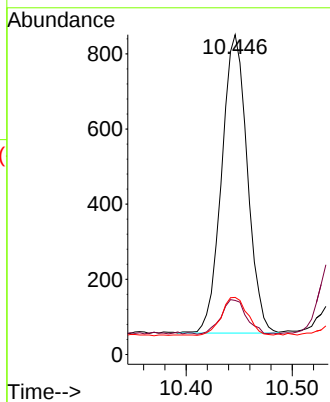
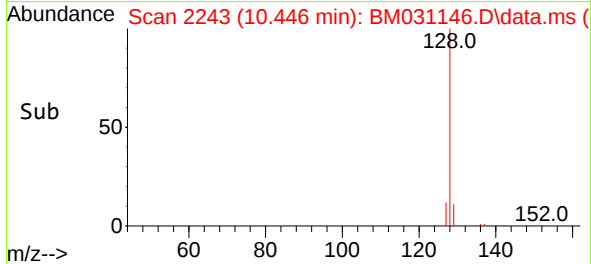




#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



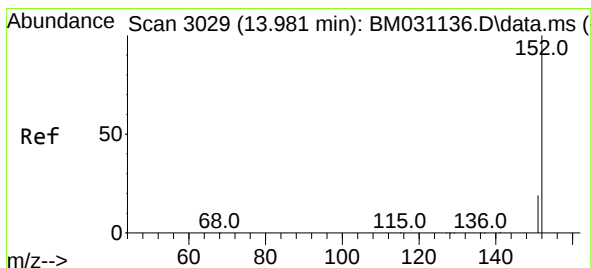
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Ion Ratio Lower Upper
128 100
129 16.9 10.2 15.4#
127 17.9 11.8 17.8#



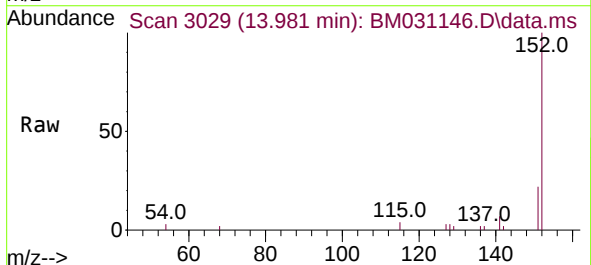
Instrument :
BNA_M
ClientSampled :
BGEC8

Manual Integrations
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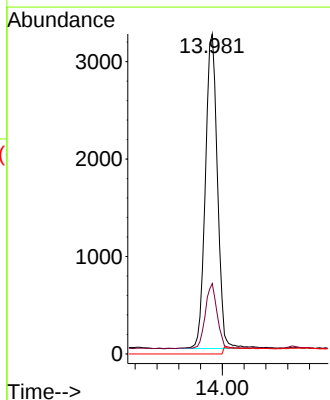
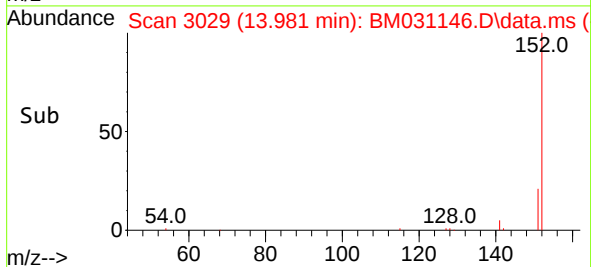
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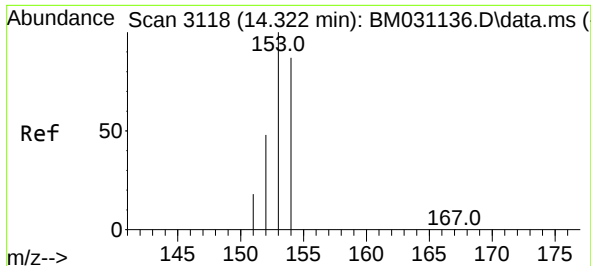


#10
Acenaphthylene
Concen: 0.26 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



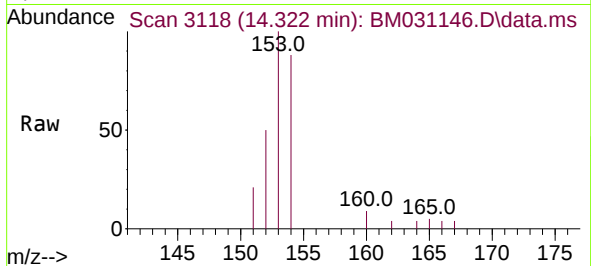
Tgt Ion:152 Resp: 4551
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 0.0 0.0 0.0



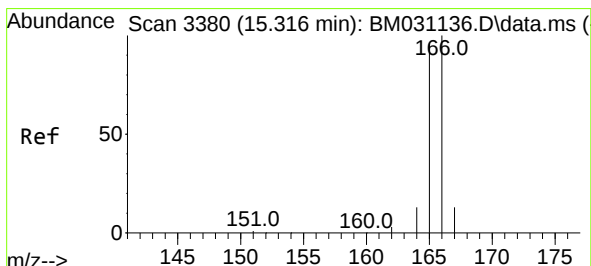
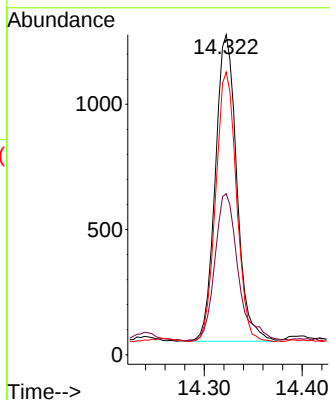
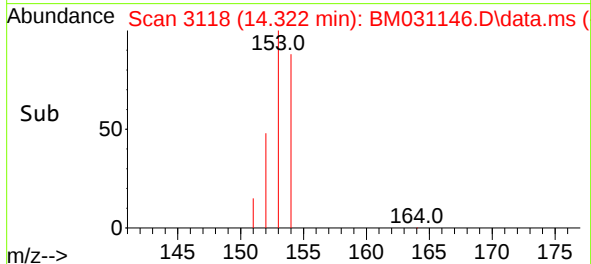


#11
Acenaphthene
Concen: 0.12 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

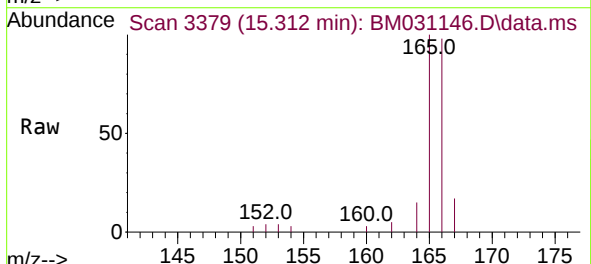
Instrument :
BNA_M
ClientSampled :
BGEC8



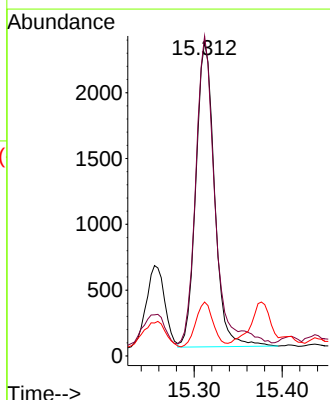
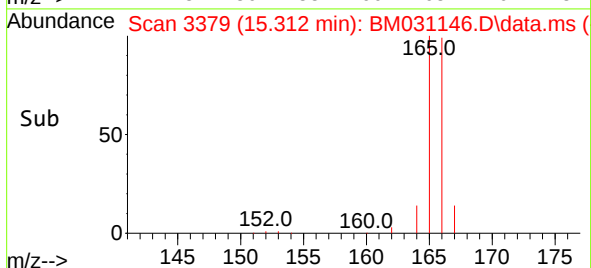
Tgt Ion:153 Resp: 1862
Ion Ratio Lower Upper
153 100
152 50.3 39.4 59.2
154 88.3 68.2 102.4

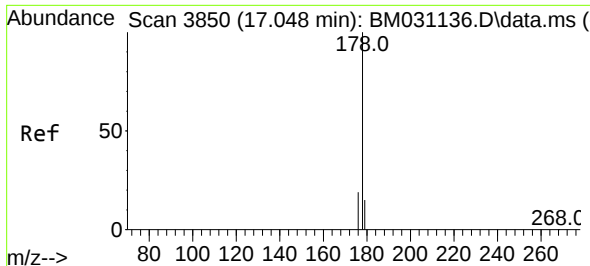


#12
Fluorene
Concen: 0.19 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.007 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



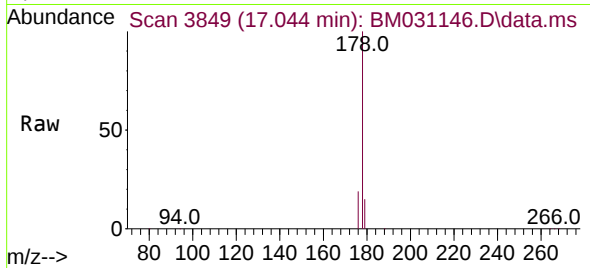
Tgt Ion:166 Resp: 3399
Ion Ratio Lower Upper
166 100
165 102.0 78.2 117.2
167 17.2 12.3 18.5





#15
Phenanthrene
Concen: 1.75 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. -0.010 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

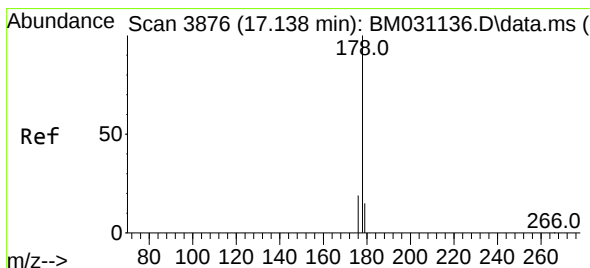
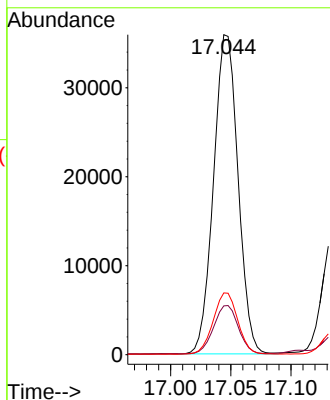
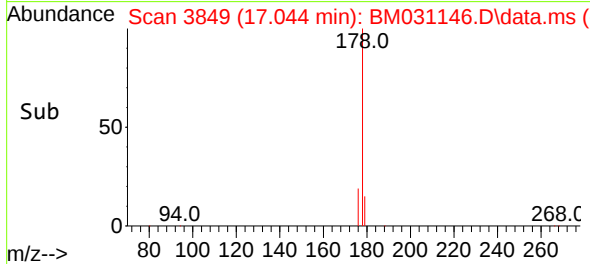
Instrument :
BNA_M
ClientSampled :
BGEC8



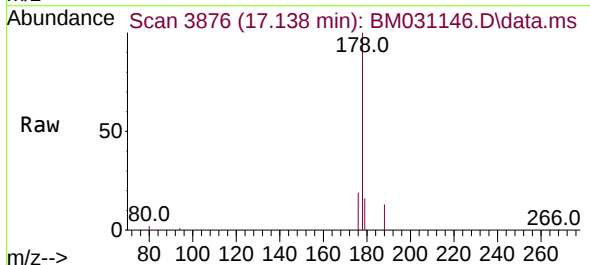
Tgt Ion:178 Resp: 50663
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.3 15.4 23.2

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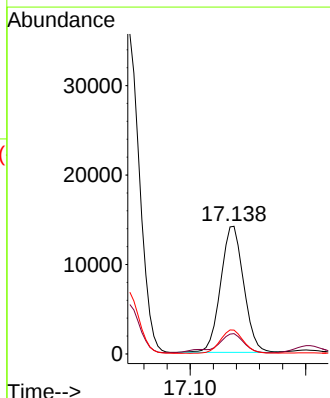
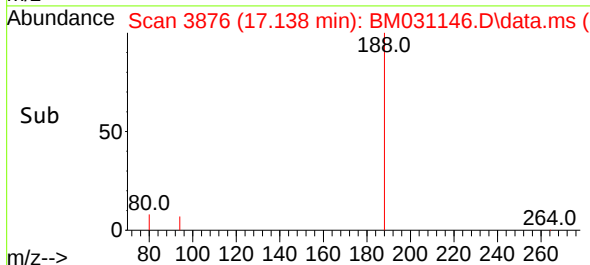
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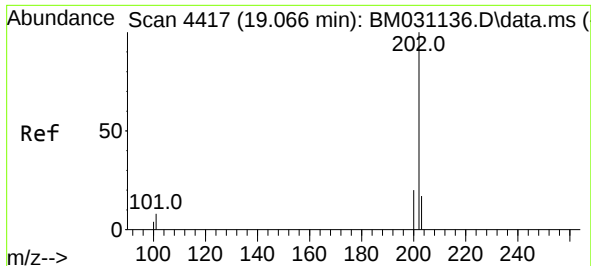


#16
Anthracene
Concen: 0.72 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



Tgt Ion:178 Resp: 19556
Ion Ratio Lower Upper
178 100
179 15.9 13.8 20.8
176 18.7 15.7 23.5





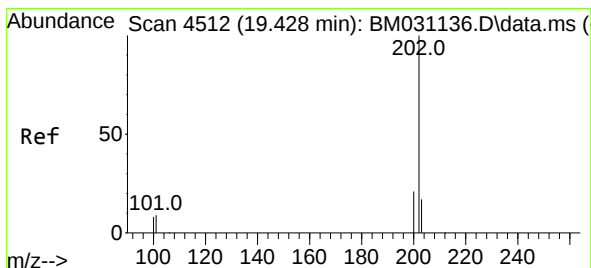
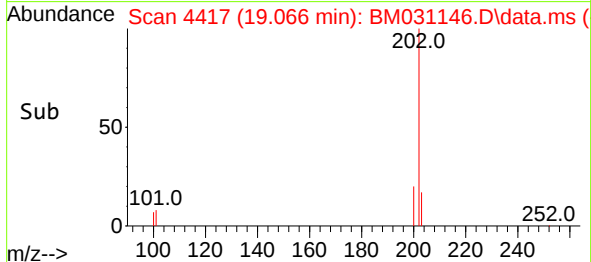
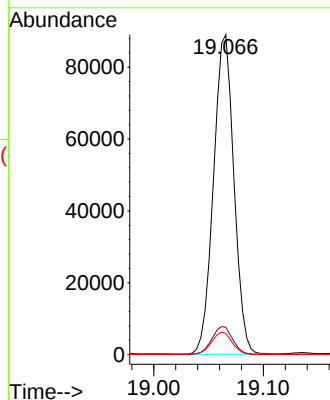
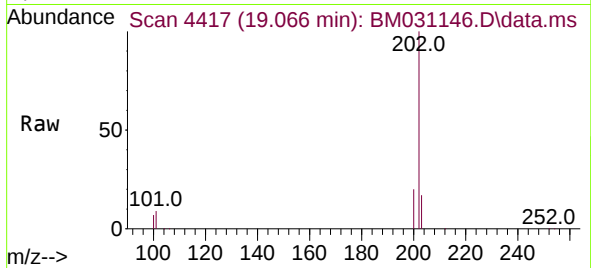
#19
Fluoranthene
Concen: 3.13 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:202 Resp: 114856
Ion Ratio Lower Upper
202 100
101 8.5 6.0 9.0
100 6.7 4.8 7.2

Instrument :
BNA_M
ClientSampled :
BGEC8

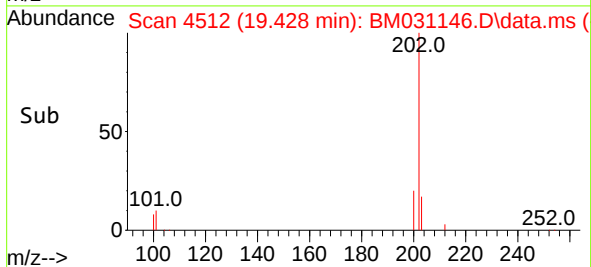
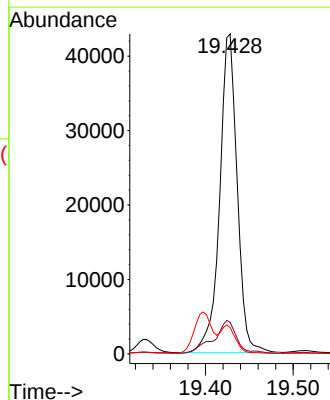
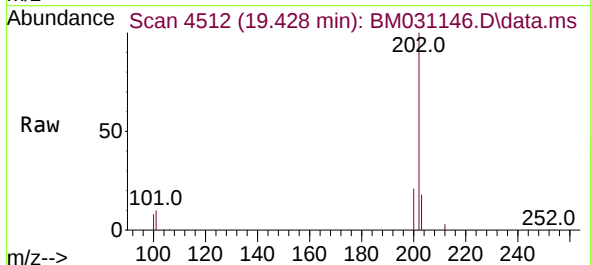
Manual Integrations
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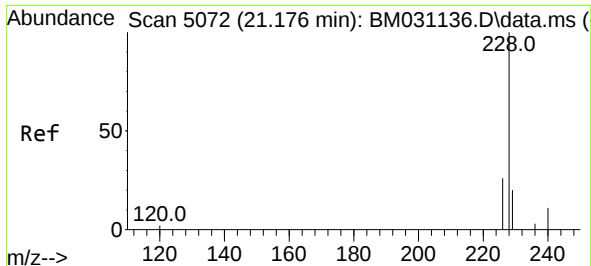
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#20
Pyrene
Concen: 1.59 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.007 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:202 Resp: 59573
Ion Ratio Lower Upper
202 100
101 9.9 7.4 11.0
100 8.2 6.0 9.0





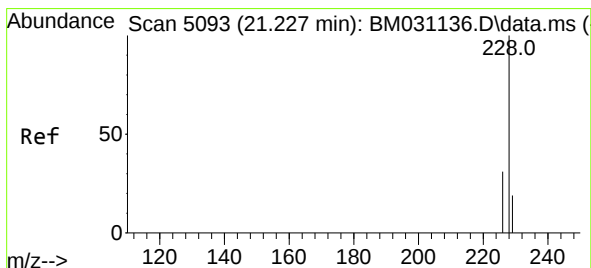
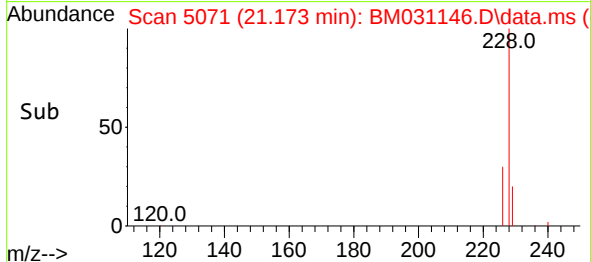
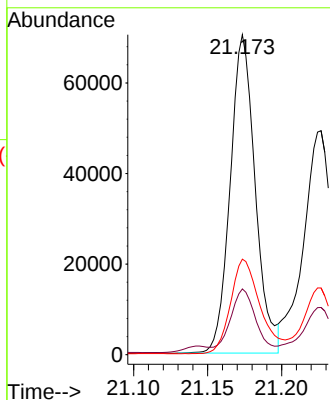
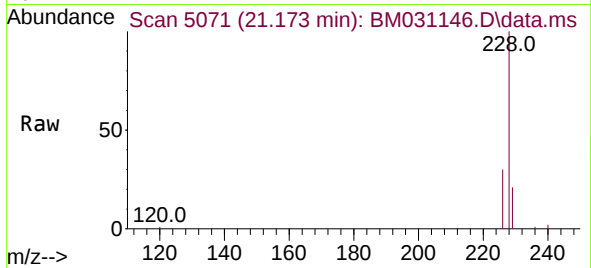
#21
Benzo(a)anthracene
Concen: 2.28 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:228 Resp: 82966
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.8 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEC8

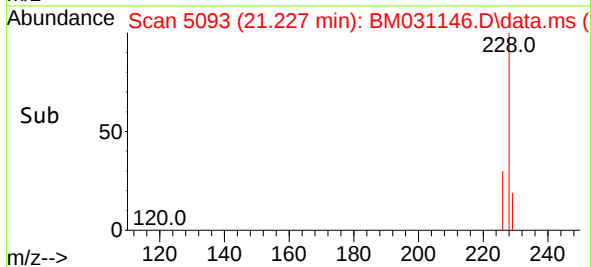
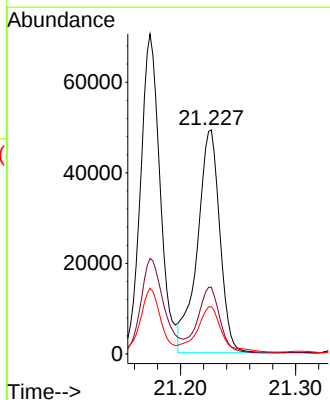
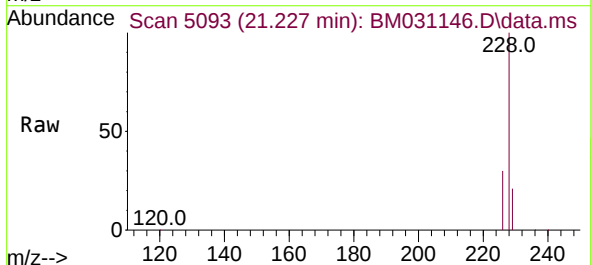
Manual Integrations
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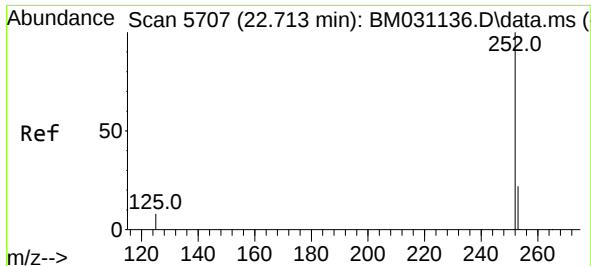
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#22
Chrysene
Concen: 1.69 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:228 Resp: 66497
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 21.1 15.8 23.8





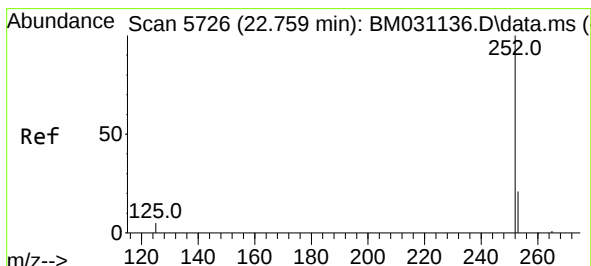
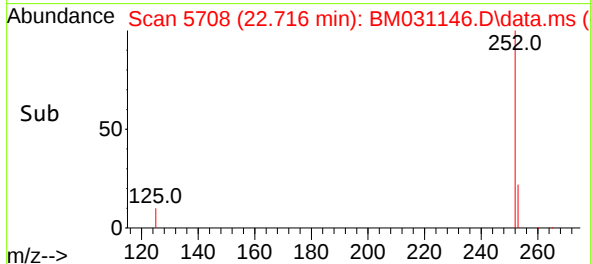
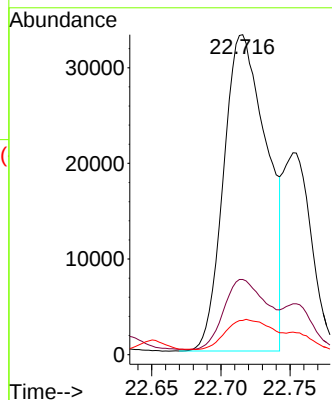
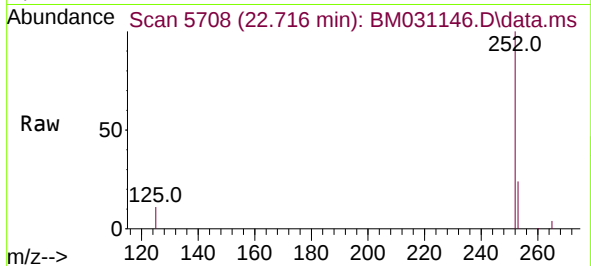
#24
Benzo(b)fluoranthene
Concen: 1.93 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:252 Resp: 72096
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 10.7 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEC8

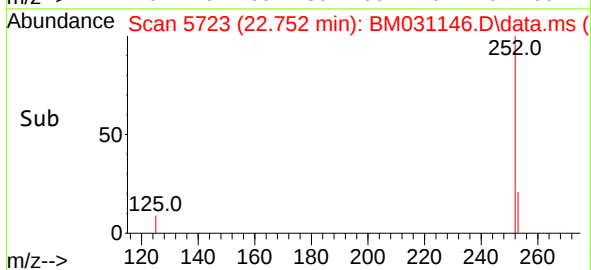
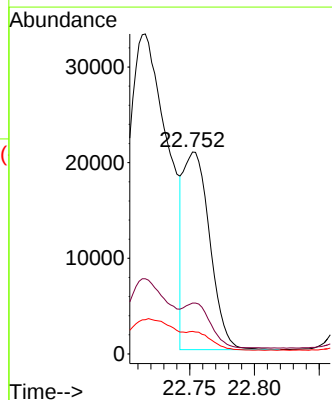
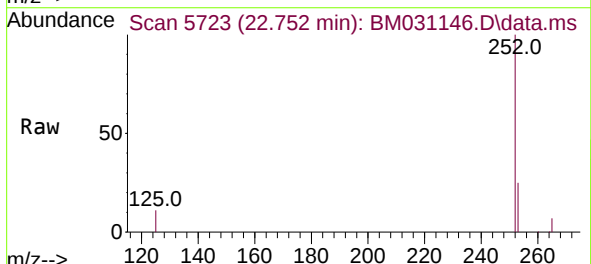
Manual Integrations
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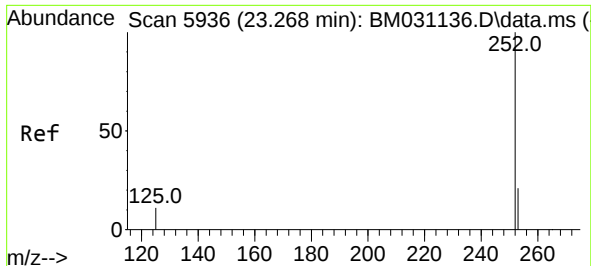
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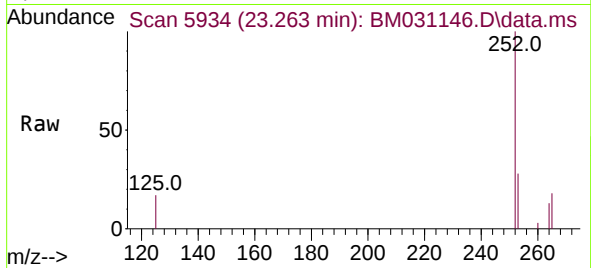
#25
Benzo(k)fluoranthene
Concen: 0.77 ng/ul m
RT: 22.752 min Scan# 5723
Delta R.T. -0.014 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56

Tgt Ion:252 Resp: 29204
Ion Ratio Lower Upper
252 100
253 25.2 21.6 32.4
125 11.2 8.6 13.0

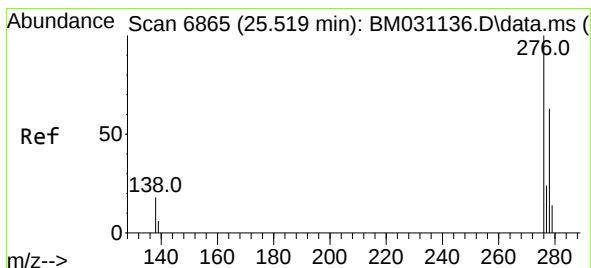
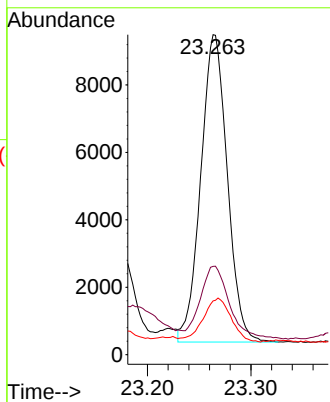
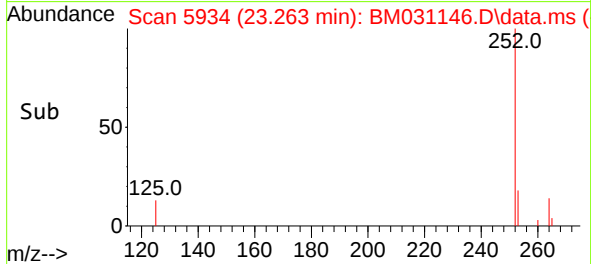




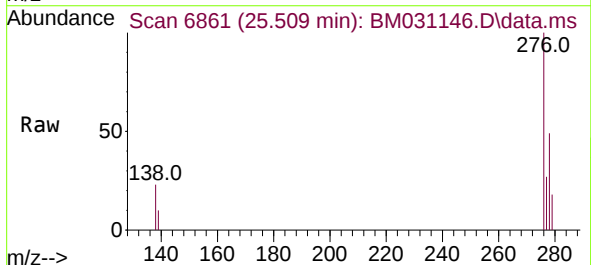
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Benzo(a)pyrene
Concen: 0.50 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. -0.017 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



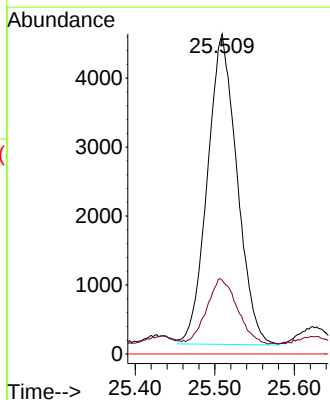
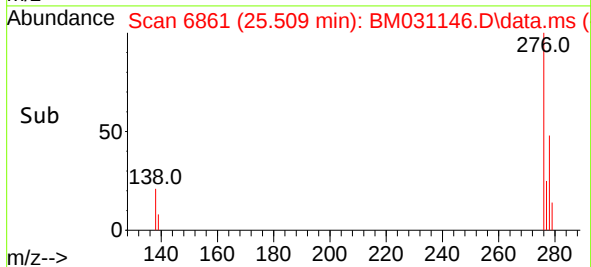
Tgt Ion:252 Resp: 16237
Ion Ratio Lower Upper
252 100
253 27.6 23.1 34.7
125 16.8 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031146.D
Acq: 25 Jul 2021 07:56



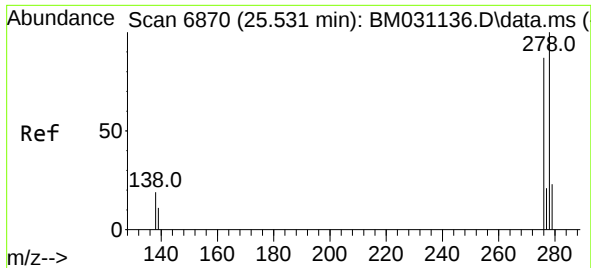
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Ion Ratio Lower Upper
276 100
138 21.6 15.4 23.0
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGEC8

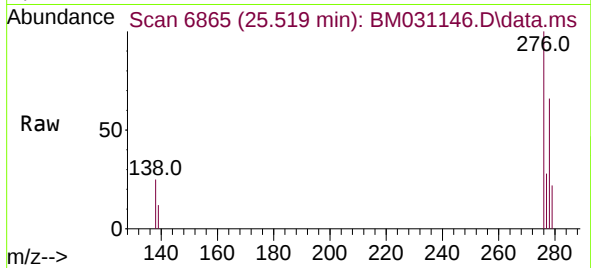
Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:35 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 0.22 ng/ul
 RT: 25.519 min Scan# 6865
 Delta R.T. -0.026 min
 Lab File: BM031146.D
 Acq: 25 Jul 2021 07:56

Instrument :
 BNA_M
 ClientSampleId :
 BGEC8



Tgt Ion:	278	Resp:	7619
Ion Ratio	Lower	Upper	
278	100		
139	17.8	12.6	18.8
279	33.0	22.6	34.0

Manual Integrations
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