

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031111.D
 Acq On : 24 Jul 2021 05:10
 Operator : CG/JU
 Sample : M2970-11DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB1DL

Manual Integrations
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Quant Time: Jul 24 05:43:29 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 : Sat Jul 24 04:20:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1736	0.40	ng/ul	0.00
4) Naphthalene-d8	10.400	136	6715	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	4432	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	9535	0.40	ng/ul	0.00
17) Chrysene-d12	21.192	240	8562	0.40	ng/ul	0.00
23) Perylene-d12	23.362	264	7757	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	791	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	291	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	804	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.450	128	1315	0.07	ng/ul#	92
10) Acenaphthylene	13.985	152	892	0.05	ng/ul	91
11) Acenaphthene	14.326	153	6486	0.40	ng/ul	98
12) Fluorene	15.315	166	3969	0.21	ng/ul	98
15) Phenanthrene	17.051	178	20074	0.66	ng/ul	98
16) Anthracene	17.141	178	6758	0.24	ng/ul	99
19) Fluoranthene	19.065	202	21095	0.61	ng/ul	98
20) Pyrene	19.428	202	15863	0.45	ng/ul	98
21) Benzo(a)anthracene	21.175	228	13327	0.39	ng/ul	96
22) Chrysene	21.226	228	12377	0.33	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	13126m	0.36	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	5098m	0.14	ng/ul	
26) Benzo(a)pyrene	23.268	252	7474	0.24	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.514	276	4269	0.10	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.521	278	1423	0.04	ng/ul#	61

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

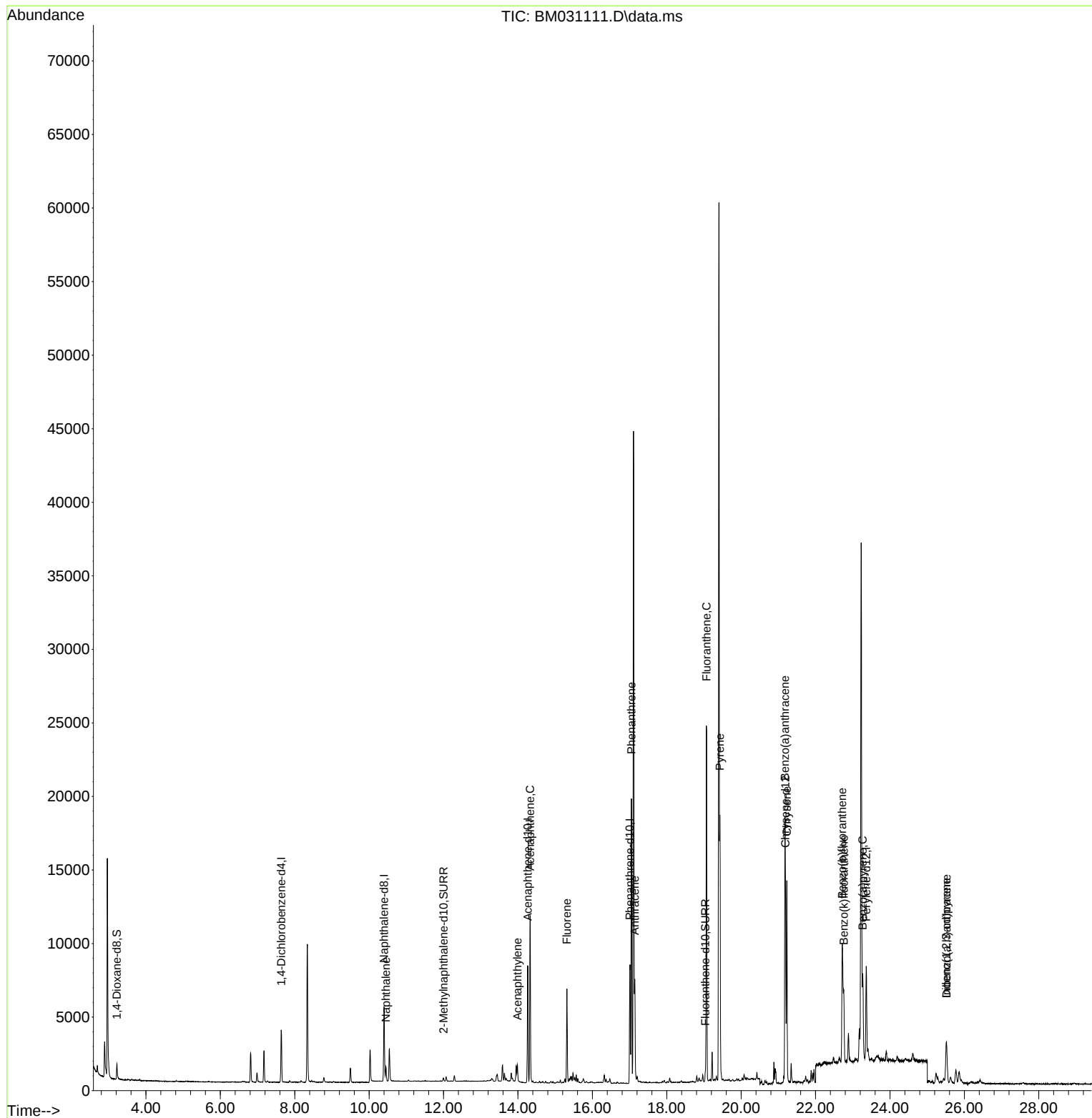
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031111.D
Acq On : 24 Jul 2021 05:10
Operator : CG/JU
Sample : M2970-11DL 5X
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ALS Vial : 24 Sample Multiplier: 1

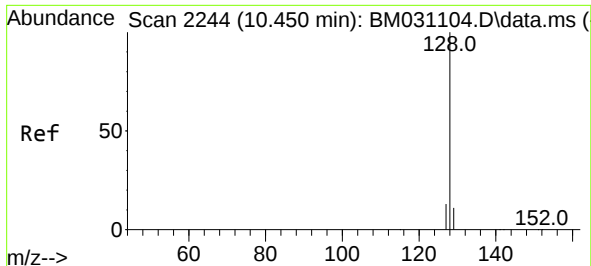
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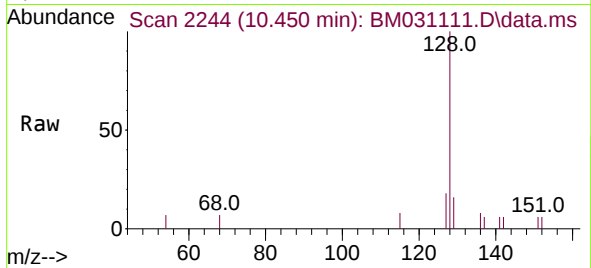
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Quant Time: Jul 24 05:43:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 24 04:20:53 2021
Response via : Initial Calibration

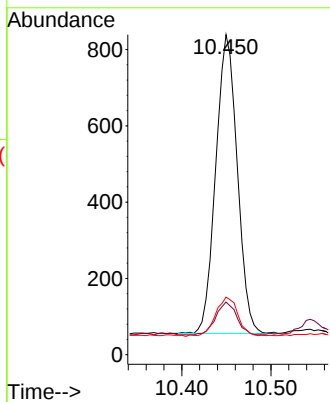
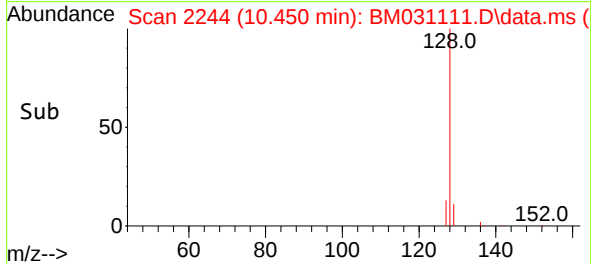




#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.450 min Scan# 2244
Delta R.T. -0.005 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10



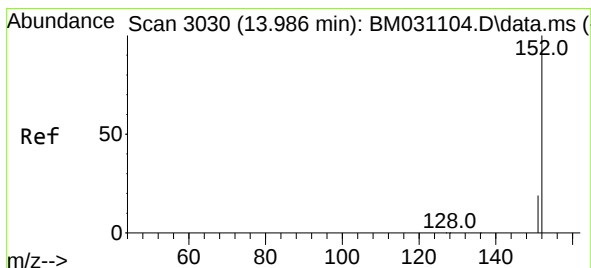
Tgt Ion:128 Resp: 1315
Ion Ratio Lower Upper
128 100
129 16.4 10.2 15.4#
127 18.0 11.8 17.8#



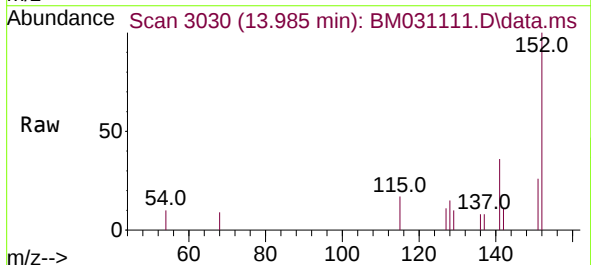
Instrument :
BNA_M
ClientSampleId :
BGE1DL

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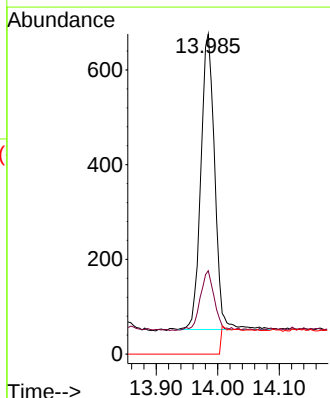
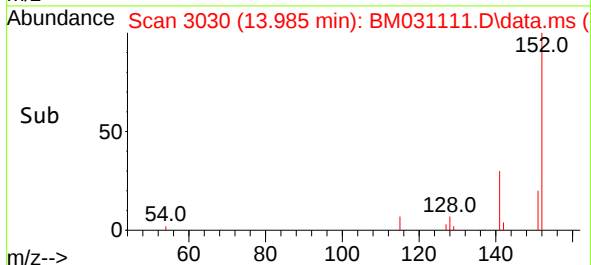
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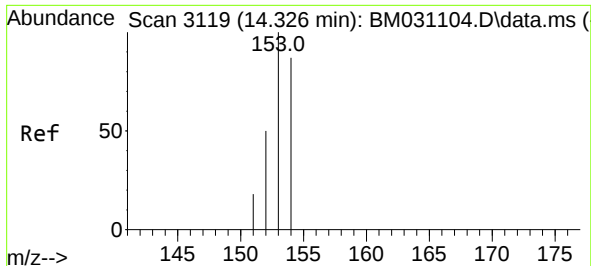


#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.985 min Scan# 3030
Delta R.T. -0.005 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10



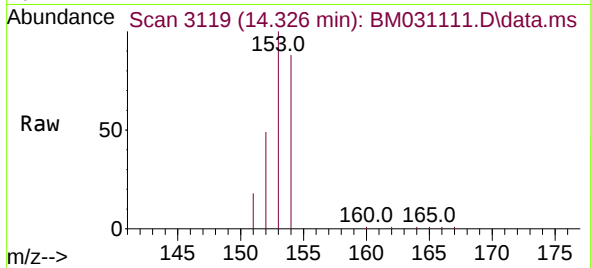
Tgt Ion:152 Resp: 892
Ion Ratio Lower Upper
152 100
151 26.0 17.5 26.3
153 0.0 0.0 0.0



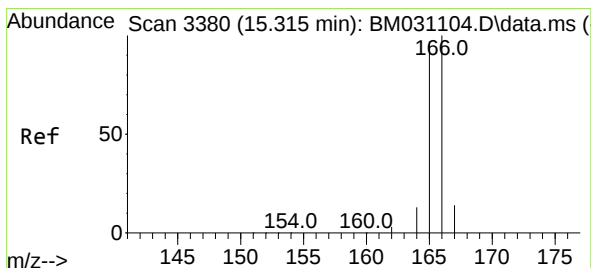
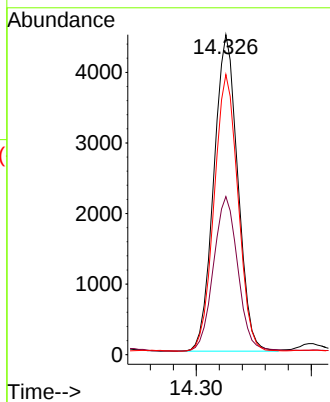
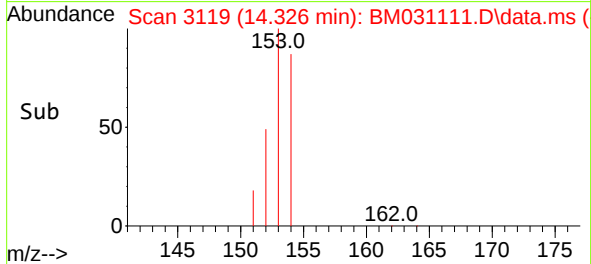


#11
Acenaphthene
Concen: 0.40 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

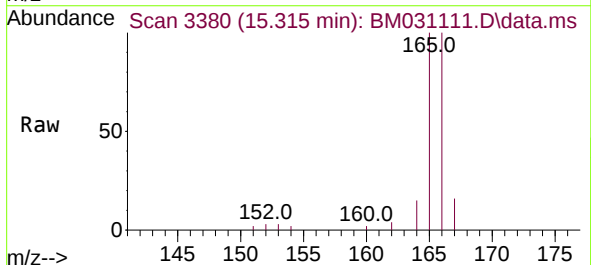
Instrument :
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ClientSampleID :
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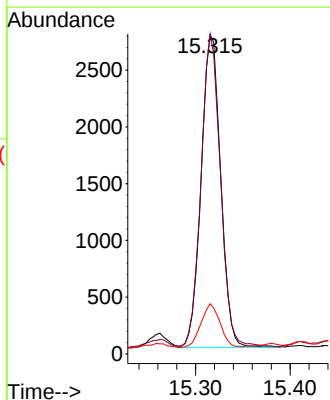
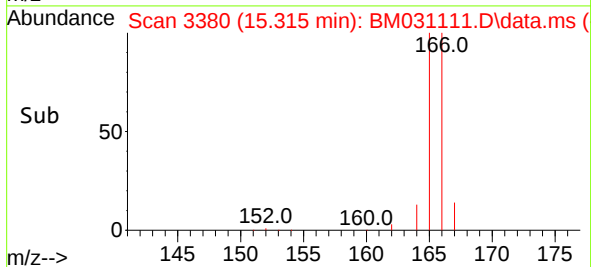
Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.4	59.2
154	87.6	68.2	102.4

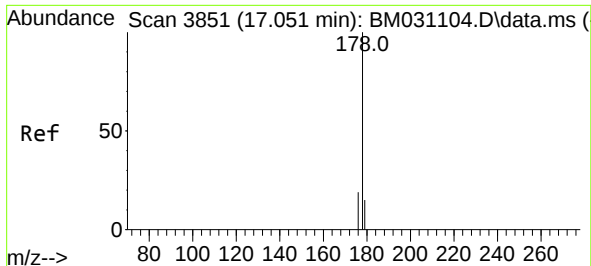


#12
Fluorene
Concen: 0.21 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

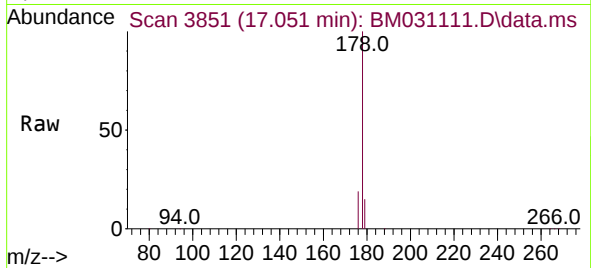


Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.2	117.2
167	15.7	12.3	18.5

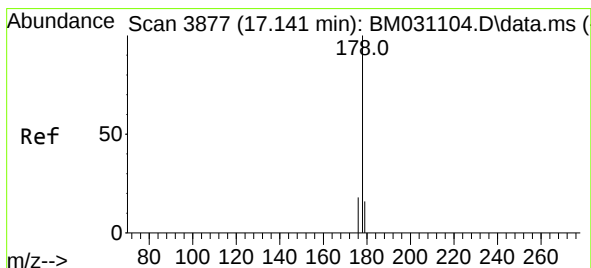
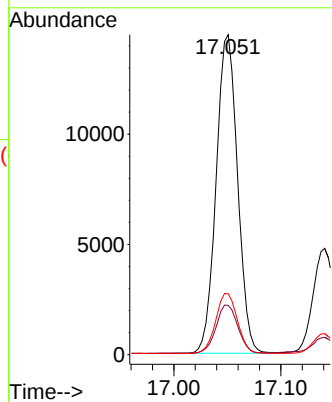
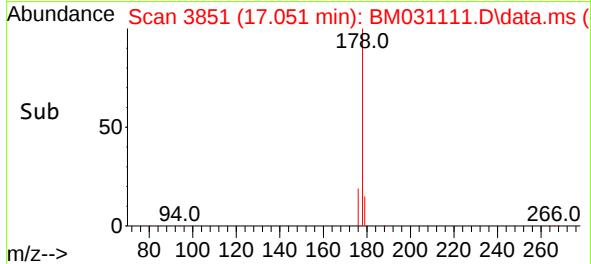




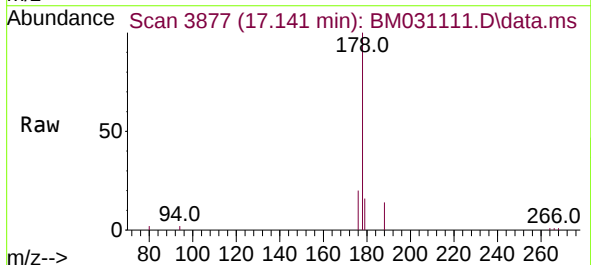
#15
Phenanthrene
Concen: 0.66 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.004 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10



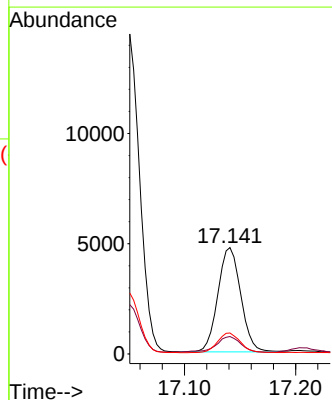
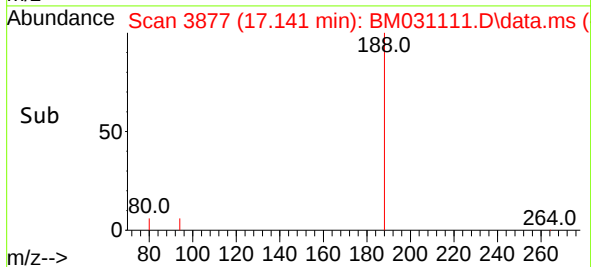
Tgt Ion:178 Resp: 20074
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 15.4 23.2



#16
Anthracene
Concen: 0.24 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.004 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10



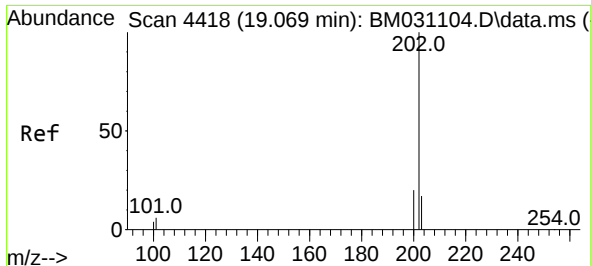
Tgt Ion:178 Resp: 6758
Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.8
176 19.8 15.7 23.5



Instrument :
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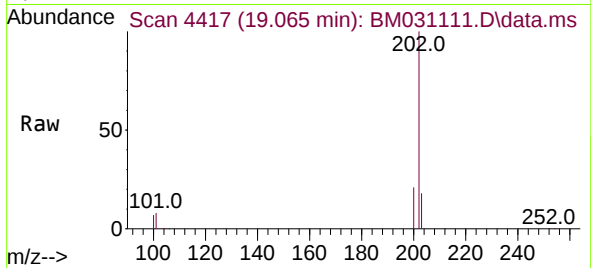
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#19
Fluoranthene
Concen: 0.61 ng/ul
RT: 19.065 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

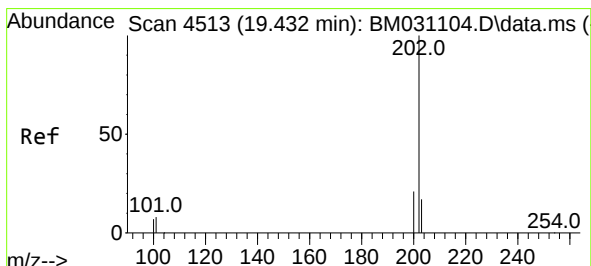
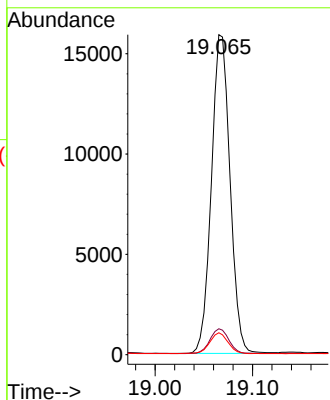
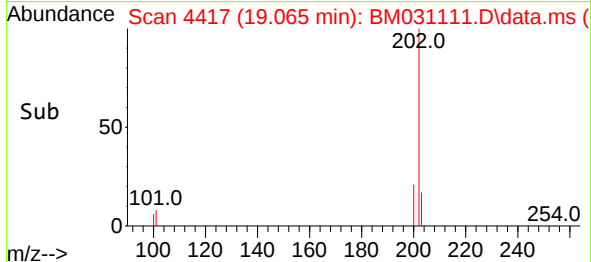
Instrument :
BNA_M
ClientSampleId :
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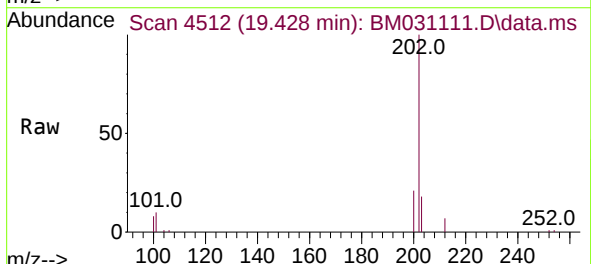
Tgt Ion:202 Resp: 21095
Ion Ratio Lower Upper
202 100
101 8.1 6.0 9.0
100 6.8 4.8 7.2

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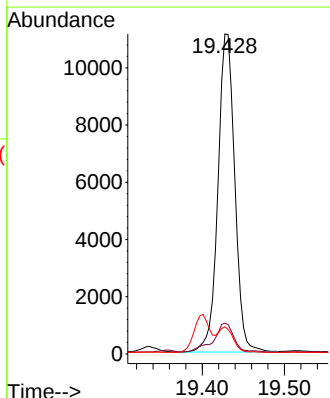
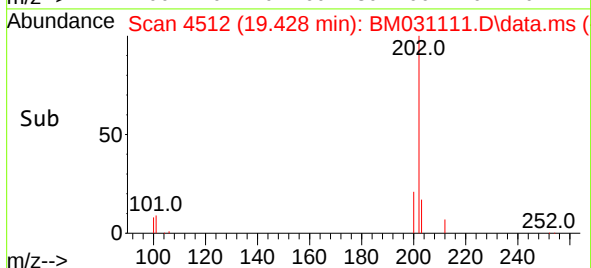
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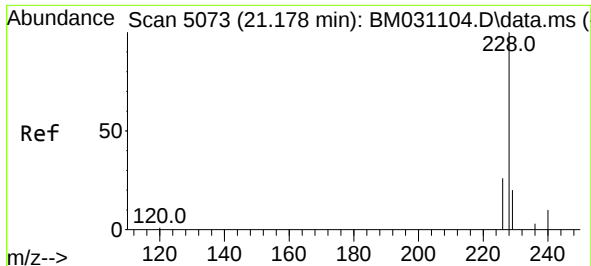


#20
Pyrene
Concen: 0.45 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10



Tgt Ion:202 Resp: 15863
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.5 6.0 9.0





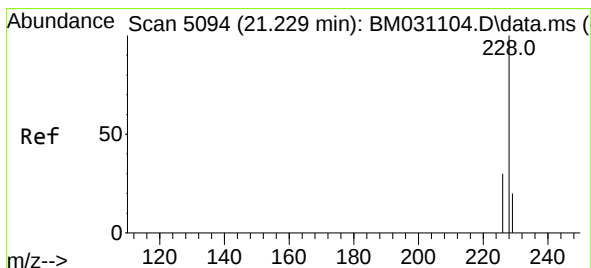
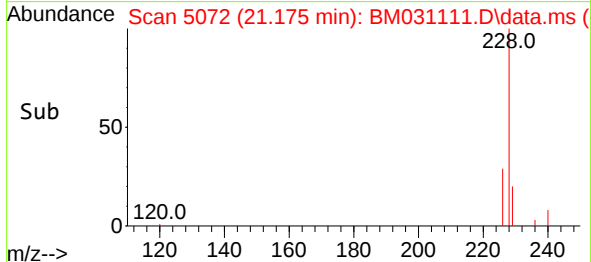
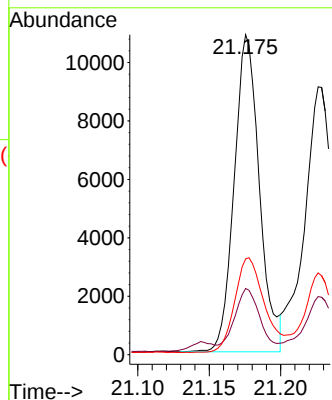
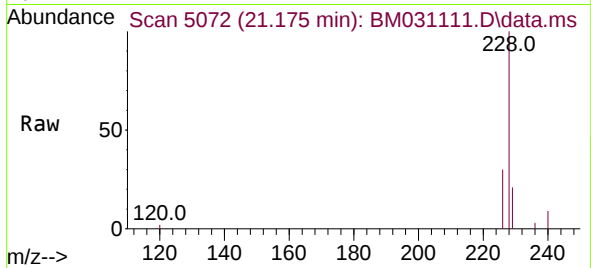
#21
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.175 min Scan# 5072
Delta R.T. -0.008 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion:228 Resp: 13327
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.9 21.4 32.2

Instrument :
BNA_M
ClientSampleID :
BGEB1DL

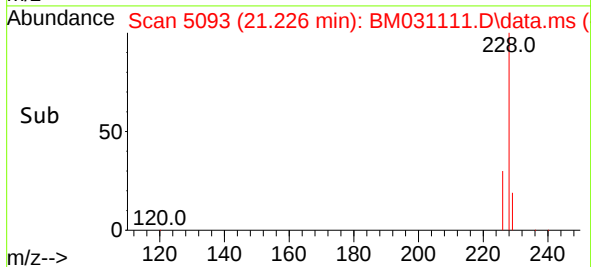
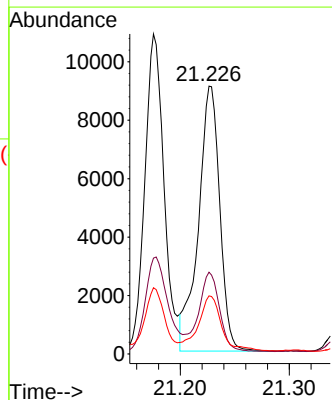
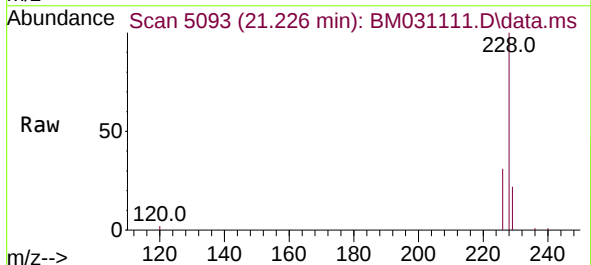
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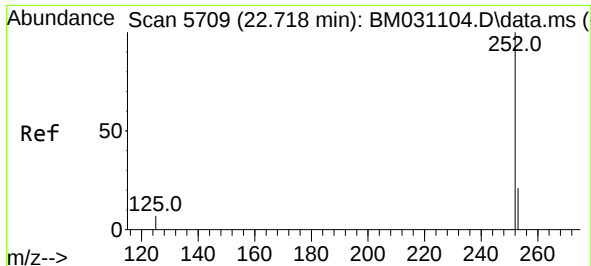
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#22
Chrysene
Concen: 0.33 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.008 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion:228 Resp: 12377
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.7 15.8 23.8





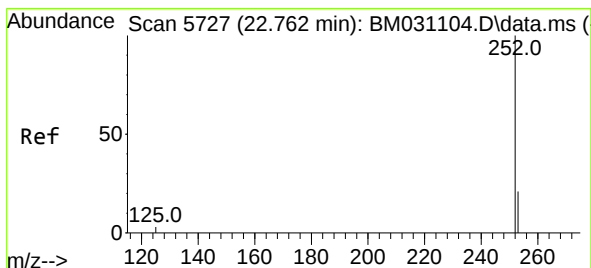
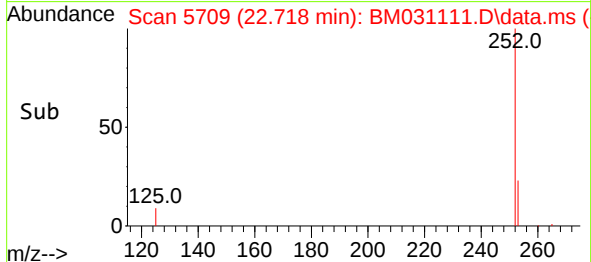
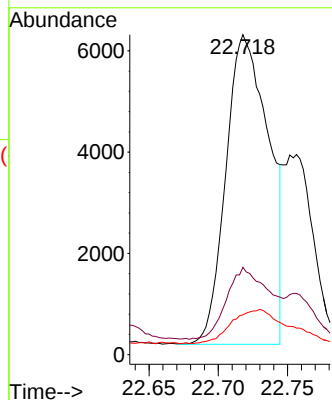
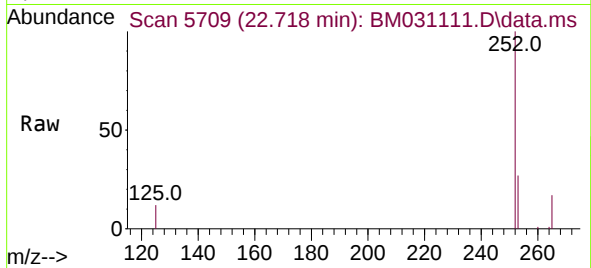
#24
Benzo(b)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.008 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	52.8
125	12.5	0.0	20.2

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BGEb1DL

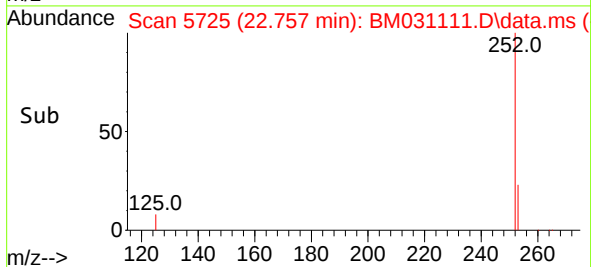
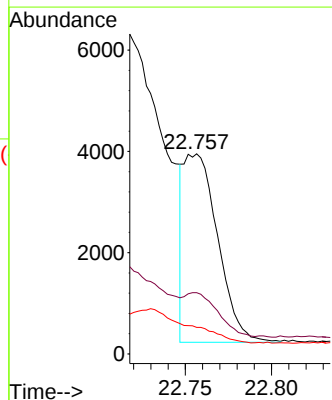
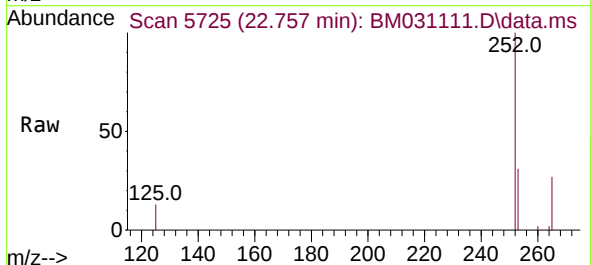
Manual Integrations
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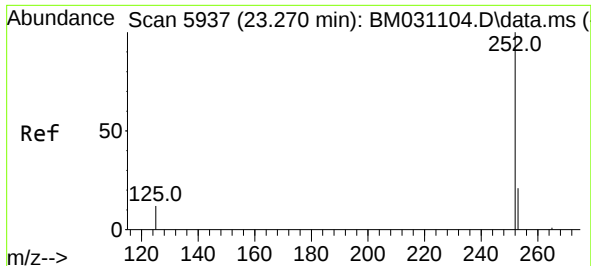
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#25
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.6	32.4
125	13.3	8.6	13.0





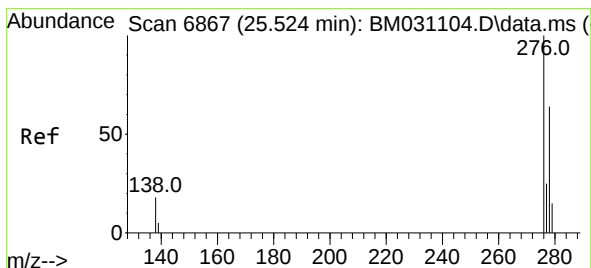
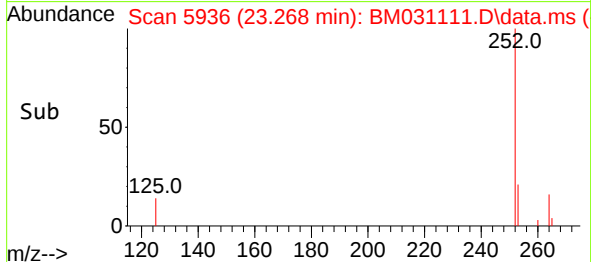
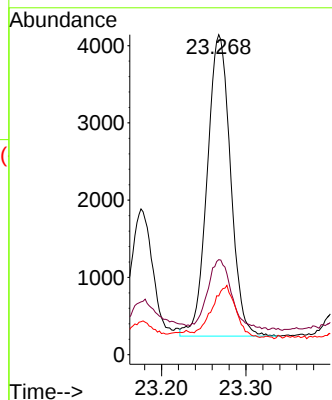
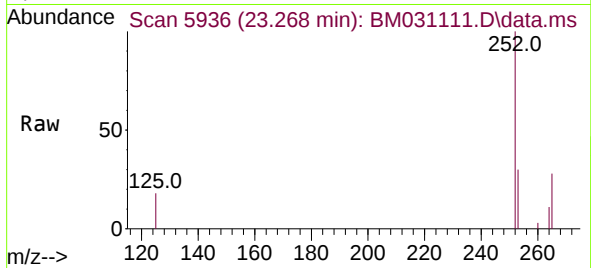
#26
Benzo(a)pyrene
Concen: 0.24 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion:	252	Resp:	7474
Ion Ratio	Lower	Upper	
252	100		
253	29.7	23.1	34.7
125	18.4	10.7	16.1#

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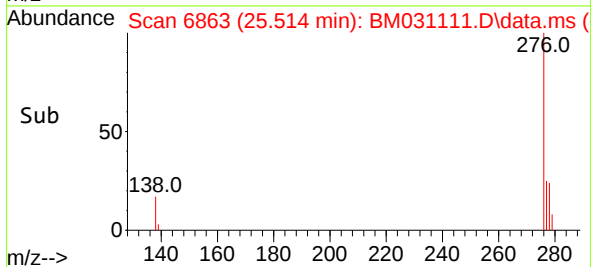
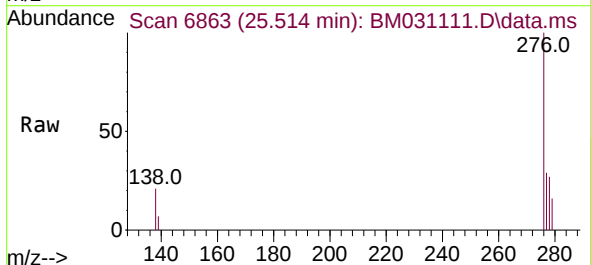
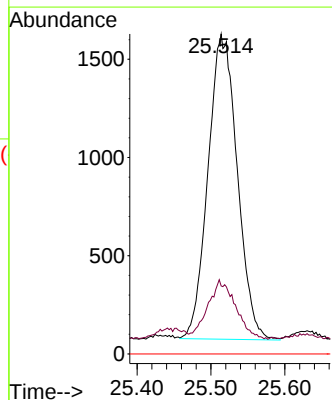
Manual Integrations
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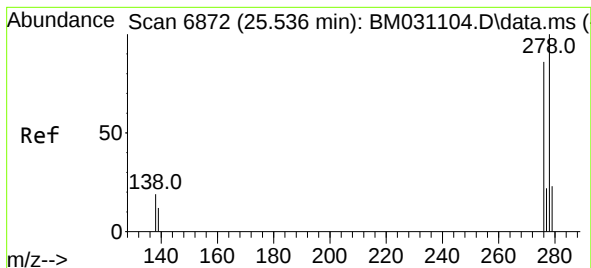
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.020 min
Lab File: BM031111.D
Acq: 24 Jul 2021 05:10

Tgt Ion:	276	Resp:	4269
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.4	23.0
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.521 min Scan# 6866

Delta R.T. -0.024 min

Lab File: BM031111.D

Acq: 24 Jul 2021 05:10

Tgt Ion: 278 Resp: 1423

Ion Ratio Lower Upper

278 100

139 27.8 12.6 18.8#

279 51.8 22.6 34.0#

Instrument :

BNA_M

ClientSampled :

BGEB1DL

Manual Integrations

APPROVED

mohammad

7/26/2021 1:26:33 PM

