

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031129.D
 Acq On : 24 Jul 2021 20:51
 Operator : CG/JU
 Sample : M2973-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA9

Manual Integrations
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Quant Time: Jul 26 02:34:33 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 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.635	152	1304	0.40 ng/ul	0.00
4) Naphthalene-d8	10.397	136	5109	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3401	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7468	0.40 ng/ul	0.00
17) Chrysene-d12	21.193	240	7638	0.40 ng/ul	0.00
23) Perylene-d12	23.360	264	6922	0.40 ng/ul	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.217	96	3688	2.69 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1434	0.16 ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4318	0.19 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.446	128	1378	0.09 ng/ul#	92
10) Acenaphthylene	13.981	152	2233	0.16 ng/ul	98
11) Acenaphthene	14.326	153	327	0.03 ng/ul	93
12) Fluorene	15.316	166	863	0.06 ng/ul#	95
15) Phenanthrene	17.048	178	14785	0.62 ng/ul	99
16) Anthracene	17.138	178	14933	0.67 ng/ul	98
19) Fluoranthene	19.066	202	86061	2.80 ng/ul	98
20) Pyrene	19.428	202	40198	1.28 ng/ul	97
21) Benzo(a)anthracene	21.176	228	57962	1.90 ng/ul	96
22) Chrysene	21.227	228	49073	1.49 ng/ul	97
24) Benzo(b)fluoranthene	22.718	252	53916m	1.66 ng/ul	
25) Benzo(k)fluoranthene	22.754	252	22380m	0.68 ng/ul	
26) Benzo(a)pyrene	23.266	252	12079	0.43 ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.512	276	9347	0.25 ng/ul#	91
28) Dibenzo(a,h)anthracene	25.524	278	5931	0.20 ng/ul#	86

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

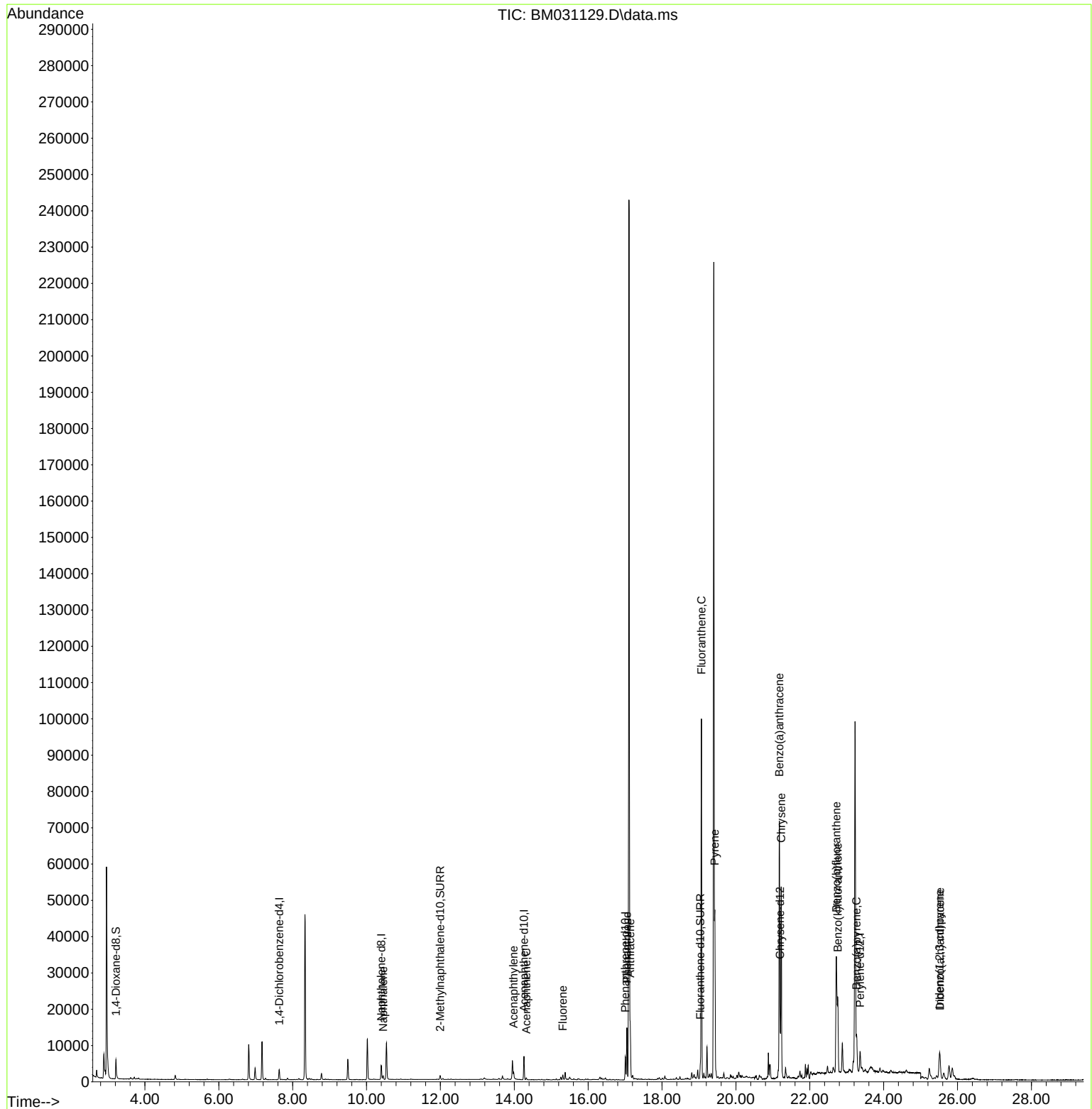
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031129.D
Acq On : 24 Jul 2021 20:51
Operator : CG/JU
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Misc :
ALS Vial : 42 Sample Multiplier: 1

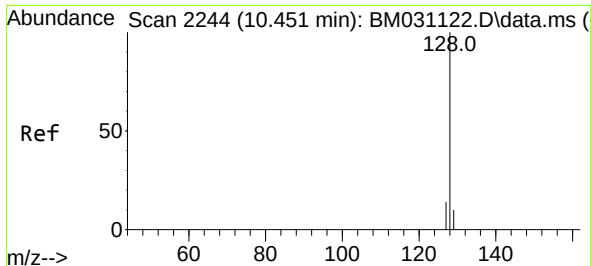
Instrument :
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BGEA9

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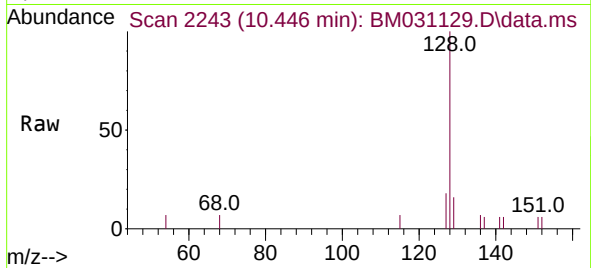
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Quant Time: Jul 26 02:34:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 02:23:23 2021
Response via : Initial Calibration

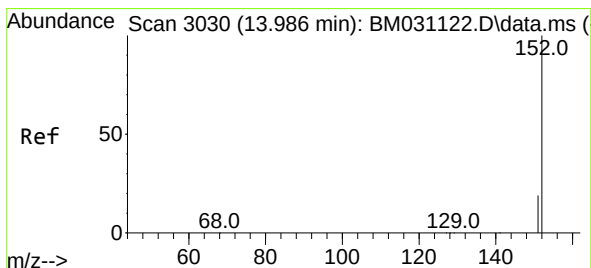
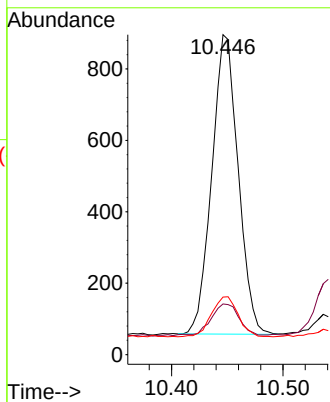
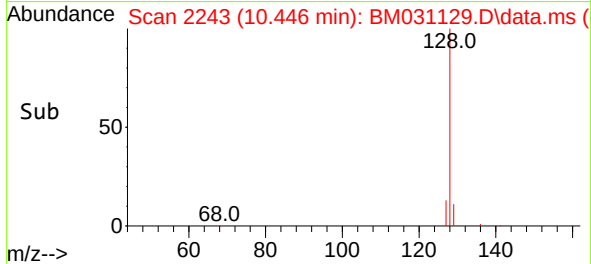




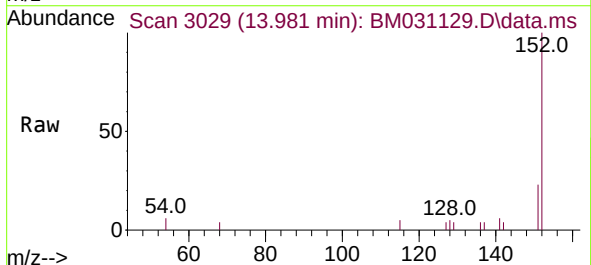
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51



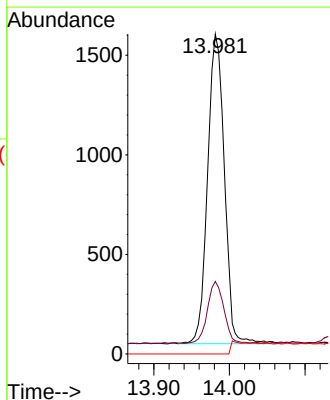
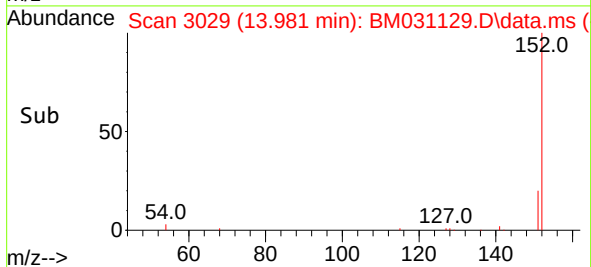
Tgt Ion:128 Resp: 1378
Ion Ratio Lower Upper
128 100
129 15.8 10.2 15.4#
127 18.0 11.8 17.8#



#10
Acenaphthylene
Concen: 0.16 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51



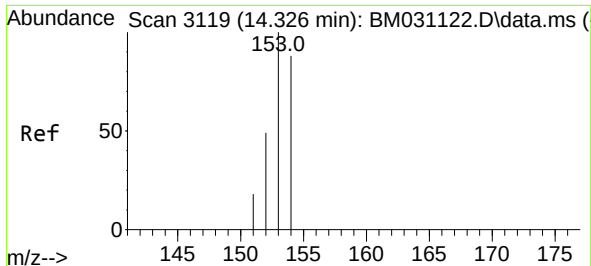
Tgt Ion:152 Resp: 2233
Ion Ratio Lower Upper
152 100
151 22.7 17.5 26.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
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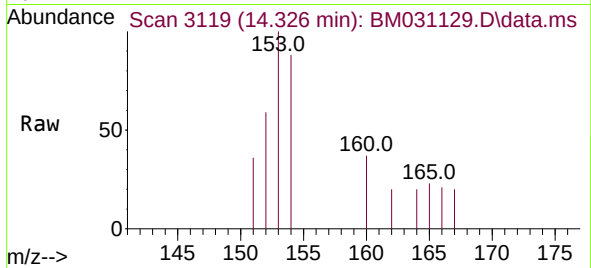
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#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

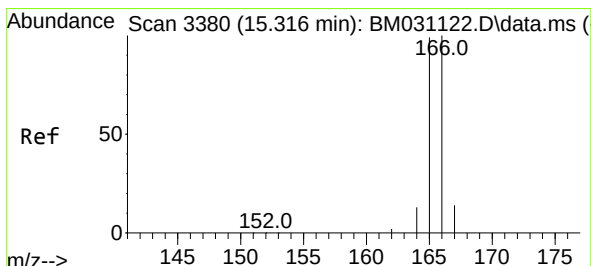
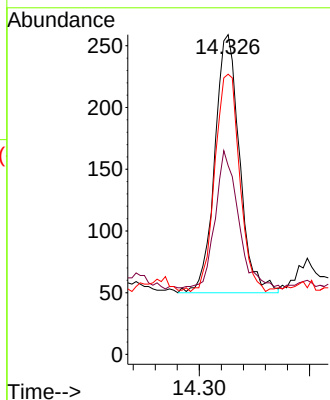
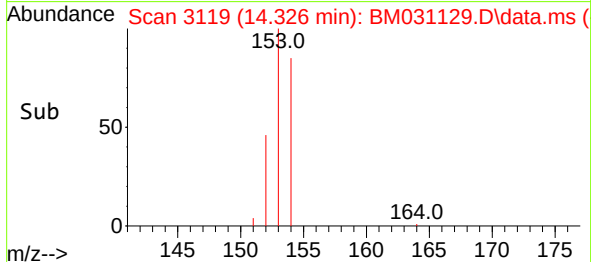
Instrument :
BNA_M
ClientSampleId :
BGEA9



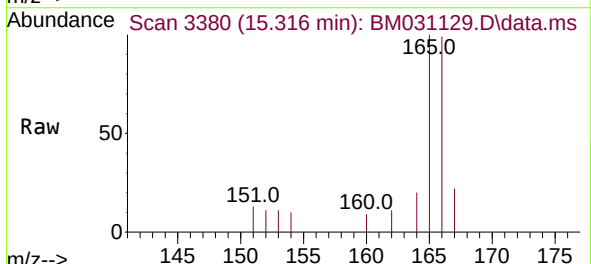
Tgt Ion:	153	Resp:	327
Ion Ratio	Lower	Upper	
153	100		
152	59.1	39.4	59.2
154	87.6	68.2	102.4

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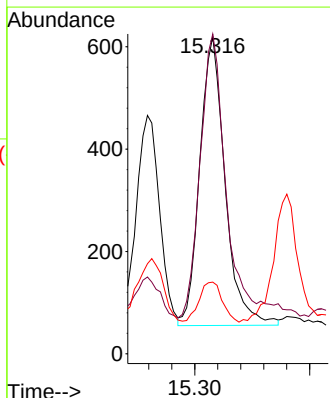
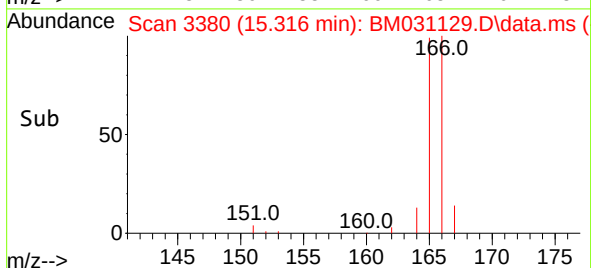
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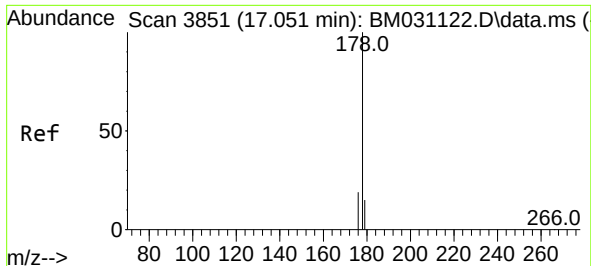


#12
Fluorene
Concen: 0.06 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51



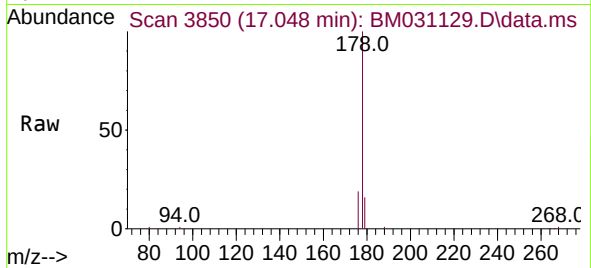
Tgt Ion:	166	Resp:	863
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.2	117.2
167	22.6	12.3	18.5





#15
Phenanthrene
Concen: 0.62 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

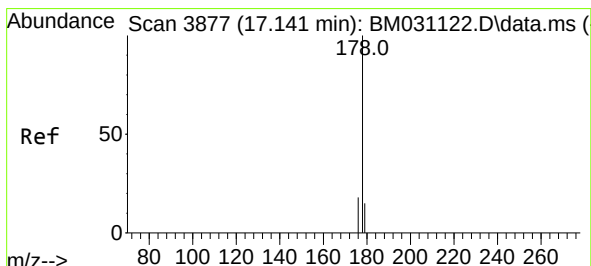
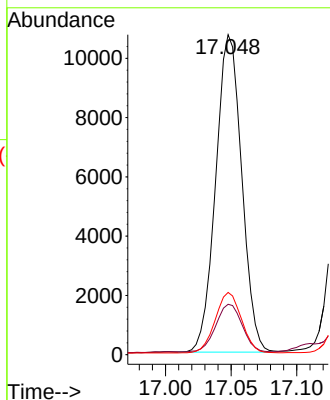
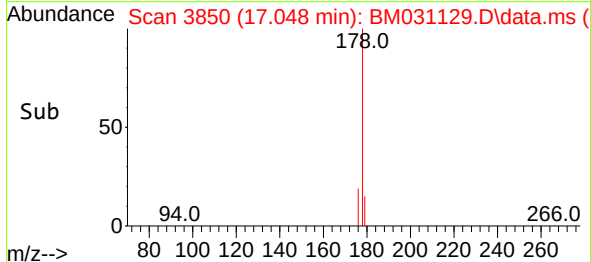
Instrument :
BNA_M
ClientSampled :
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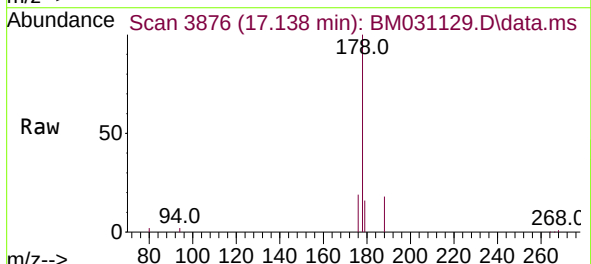
Tgt Ion:178 Resp: 14785
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.4 15.4 23.2

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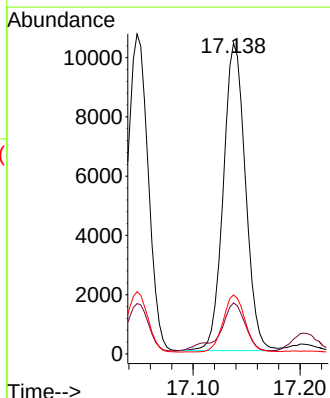
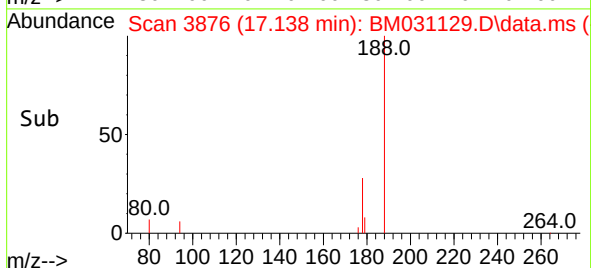
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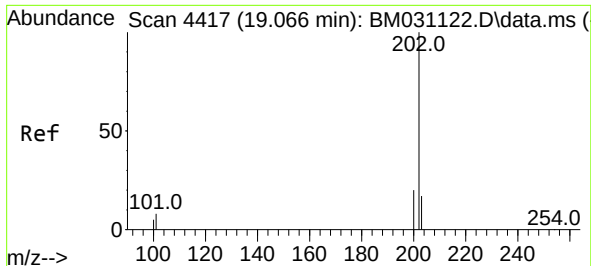


#16
Anthracene
Concen: 0.67 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51



Tgt Ion:178 Resp: 14933
Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.8
176 19.0 15.7 23.5





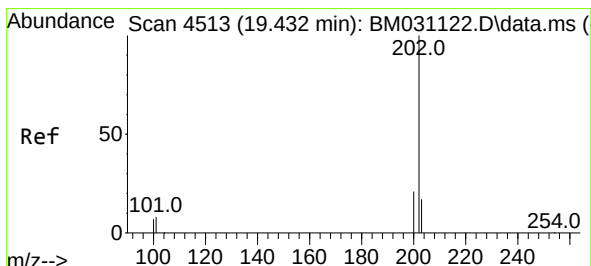
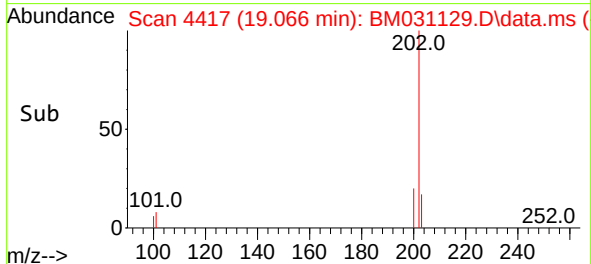
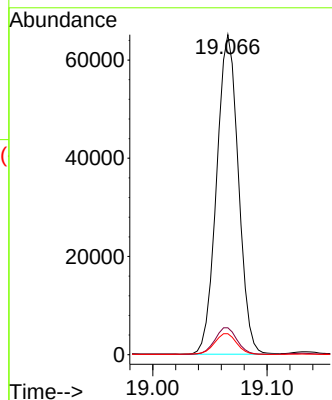
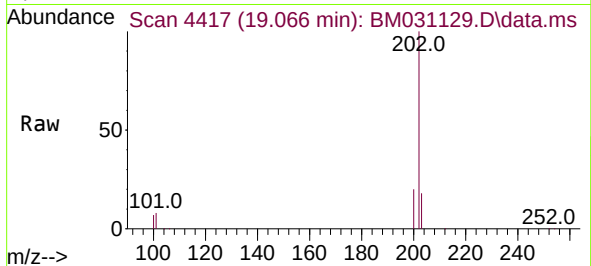
#19
Fluoranthene
Concen: 2.80 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:	202	Resp:	86061
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.0	9.0
100	6.6	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
BGEA9

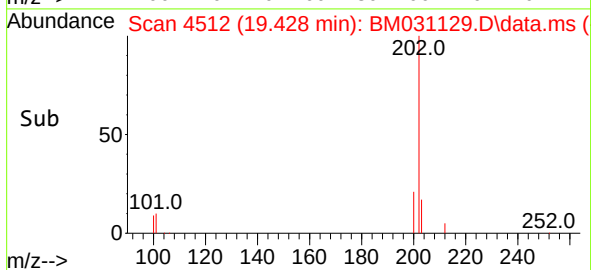
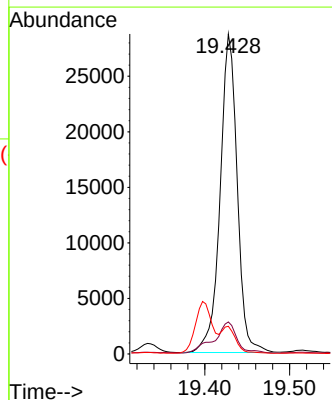
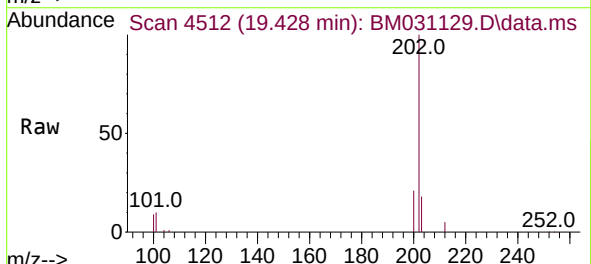
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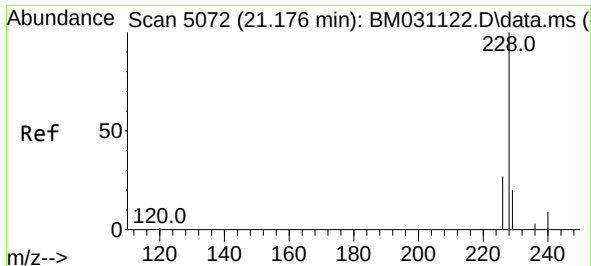
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#20
Pyrene
Concen: 1.28 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:	202	Resp:	40198
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.4	11.0
100	8.6	6.0	9.0





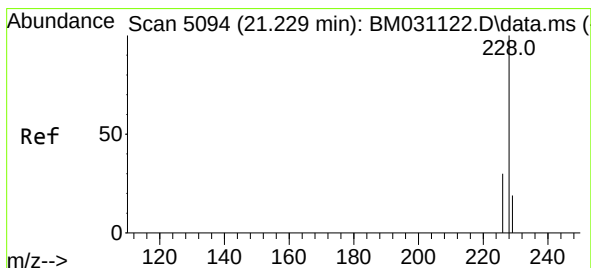
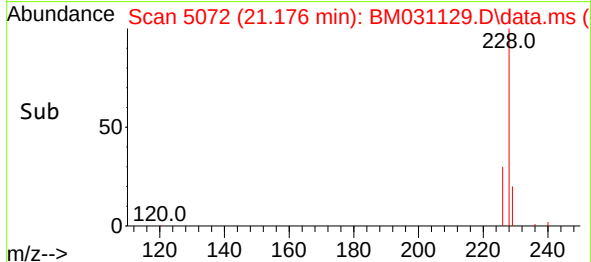
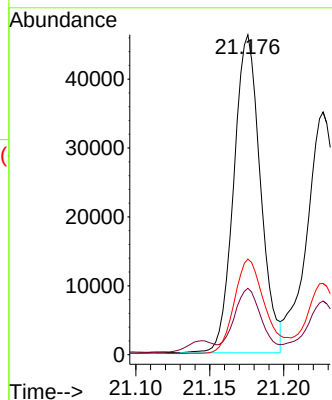
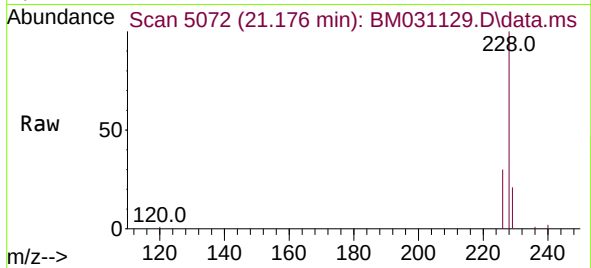
#21
Benzo(a)anthracene
Concen: 1.90 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:228 Resp: 57962
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 29.8 21.4 32.2

Instrument :
BNA_M
ClientSampleId :
BGEA9

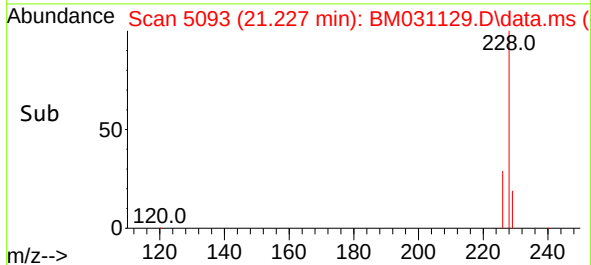
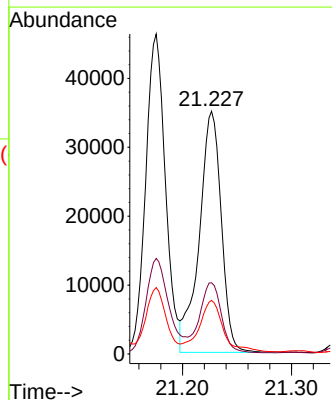
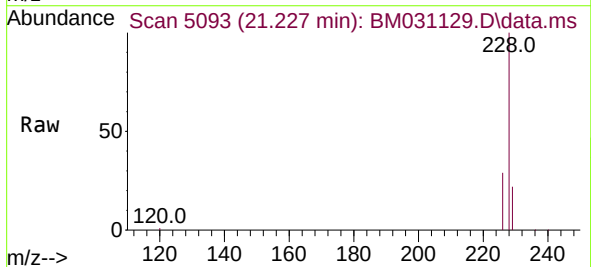
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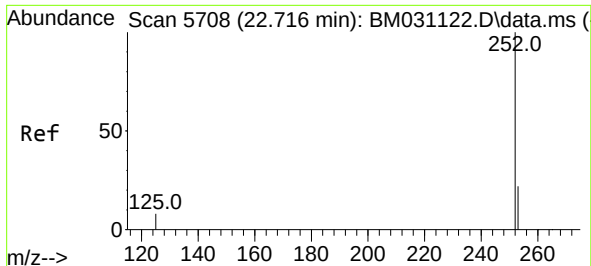
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#22
Chrysene
Concen: 1.49 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:228 Resp: 49073
Ion Ratio Lower Upper
228 100
226 29.3 24.5 36.7
229 22.1 15.8 23.8





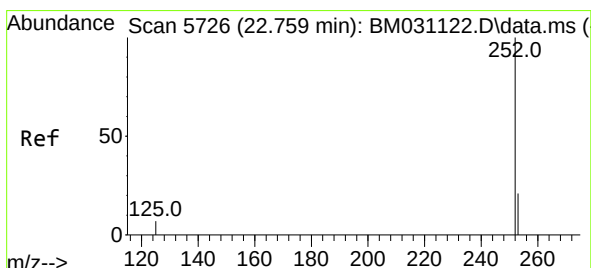
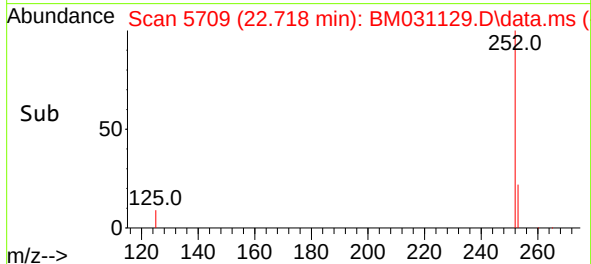
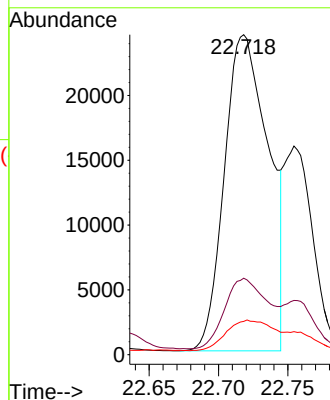
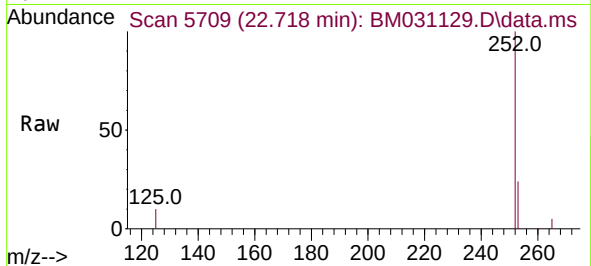
#24
Benzo(b)fluoranthene
Concen: 1.66 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:252 Resp: 53916
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.8
125 10.4 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEA9

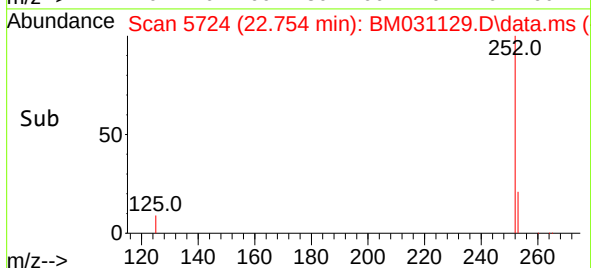
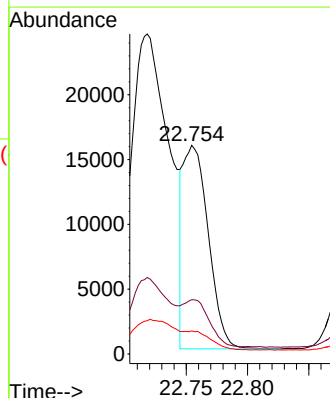
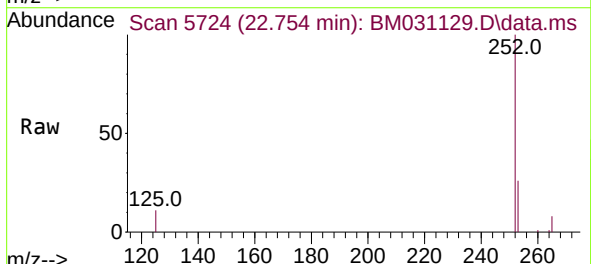
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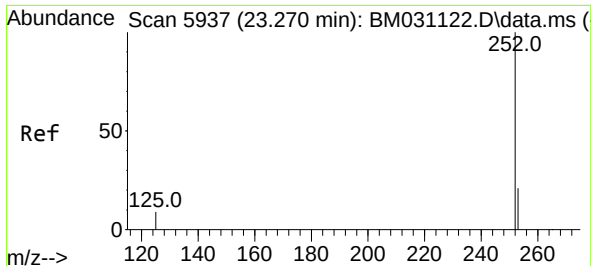
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#25
Benzo(k)fluoranthene
Concen: 0.68 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion:252 Resp: 22380
Ion Ratio Lower Upper
252 100
253 26.0 21.6 32.4
125 11.0 8.6 13.0





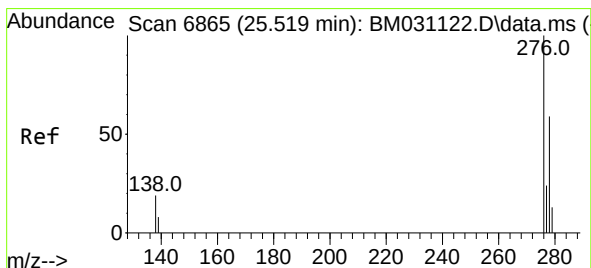
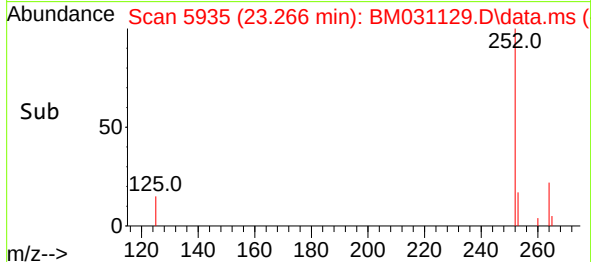
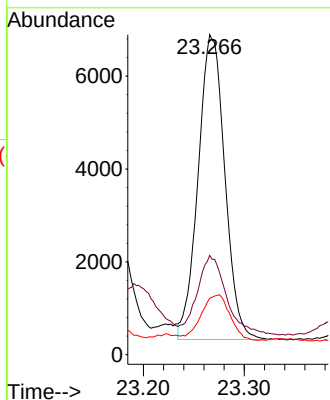
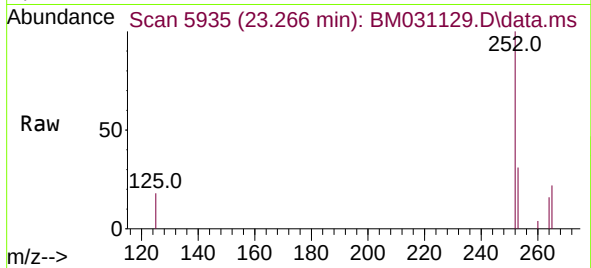
#26
Benzo(a)pyrene
Concen: 0.43 ng/ul
RT: 23.266 min Scan# 5935
Delta R.T. -0.014 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	23.1	34.7
125	17.7	10.7	16.1#

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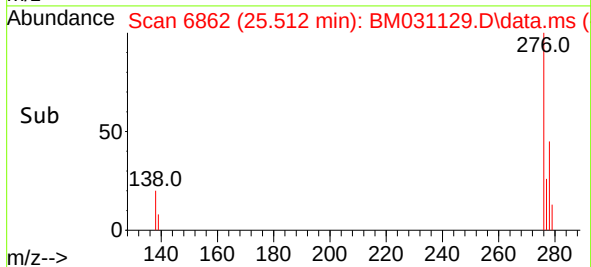
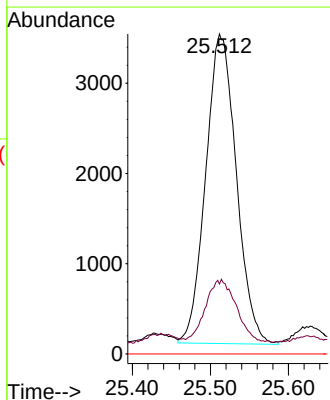
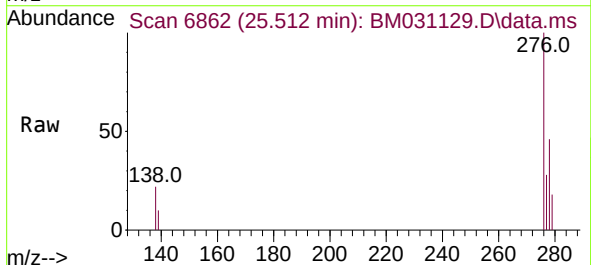
Manual Integrations
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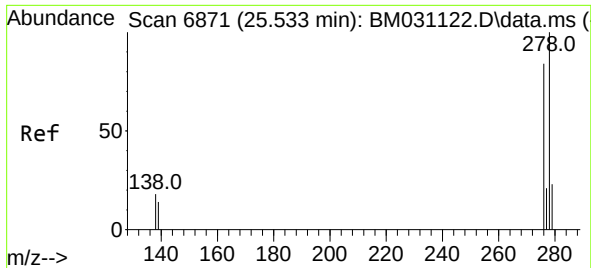
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.512 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031129.D
Acq: 24 Jul 2021 20:51

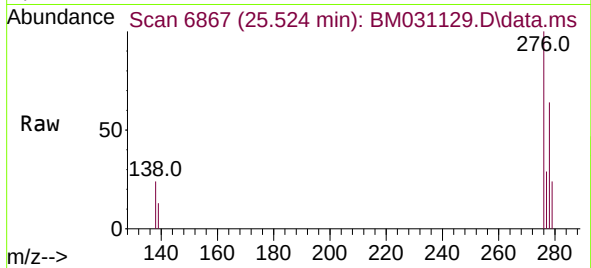
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.4	23.0#
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.20 ng/ul
 RT: 25.524 min Scan# 6867
 Delta R.T. -0.022 min
 Lab File: BM031129.D
 Acq: 24 Jul 2021 20:51

Instrument :
 BNA_M
 ClientSampleId :
 BGEA9



Tgt Ion: 278 Resp: 5931
 Ion Ratio Lower Upper
 278 100
 139 19.8 12.6 18.8#
 279 36.8 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:27:01 PM

