

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031164.D
 Acq On : 26 Jul 2021 15:48
 Operator : CG/JU
 Sample : M2973-13DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE18DL

Manual Integrations
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Quant Time: Jul 26 16:18:46 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 16:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1421	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3558	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7645	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	7166	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	6062m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1553	1.040	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	588	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	1446	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.446	128	381	0.023	ng/ul#	66
10) Acenaphthylene	13.981	152	457	0.031	ng/ul#	75
11) Acenaphthene	14.322	153	2580	0.201	ng/ul	98
12) Fluorene	15.316	166	620	0.041	ng/ul#	96
15) Phenanthrene	17.048	178	10300	0.424	ng/ul	99
16) Anthracene	17.138	178	3710	0.163	ng/ul	98
19) Fluoranthene	19.066	202	23125	0.802	ng/ul	97
20) Pyrene	19.428	202	10837	0.368	ng/ul#	96
21) Benzo(a)anthracene	21.178	228	13278	0.464	ng/ul	95
22) Chrysene	21.229	228	10956	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.720	252	12668m	0.444	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	5585m	0.193	ng/ul	
26) Benzo(a)pyrene	23.270	252	3089	0.125	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.519	276	2320	0.072	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.531	278	1306	0.050	ng/ul#	61

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

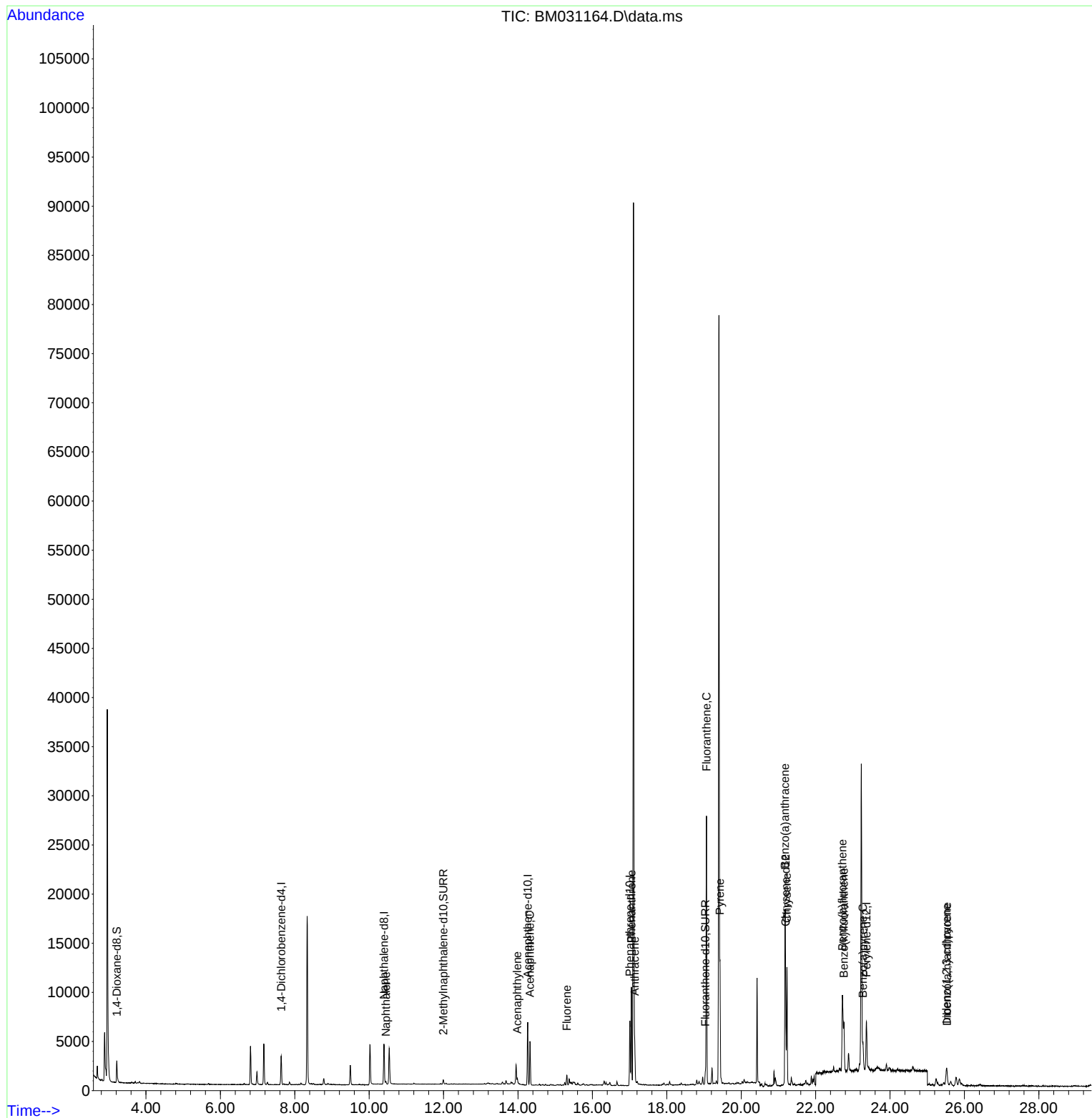
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Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

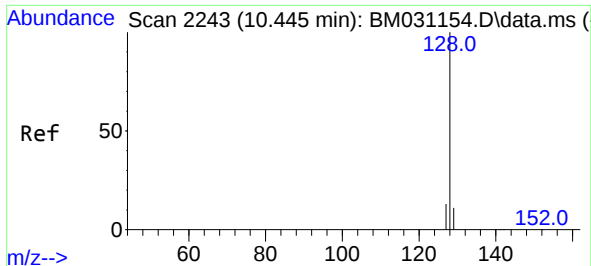
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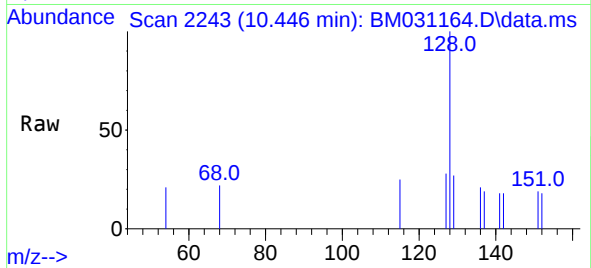
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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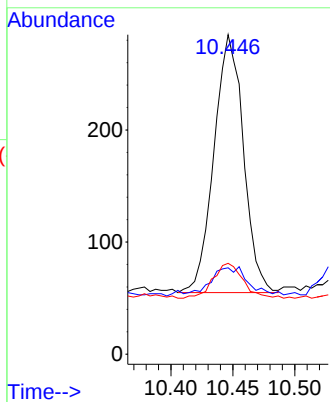
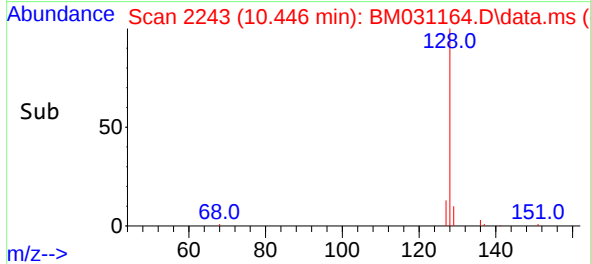




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48



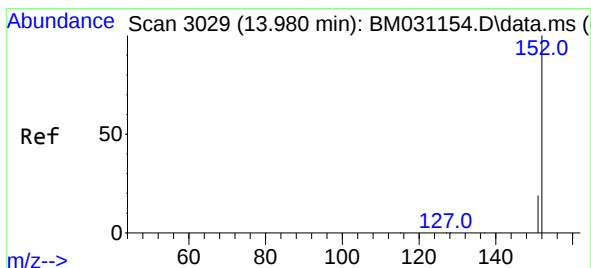
Tgt Ion:128 Resp: 381
Ion Ratio Lower Upper
128 100
129 27.0 10.2 15.4#
127 28.4 11.8 17.8#



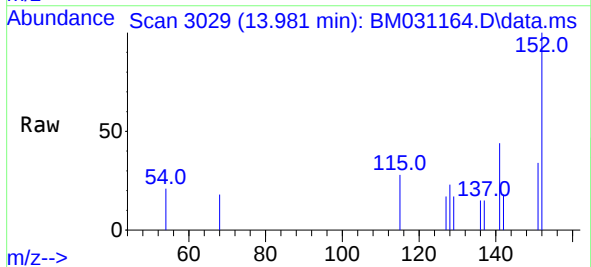
Instrument :
BNA_M
ClientSampled :
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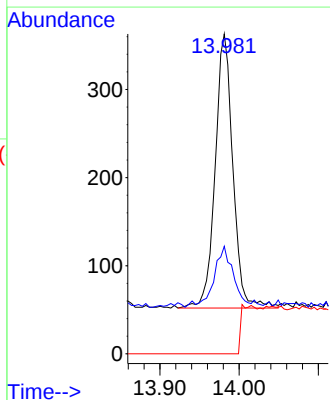
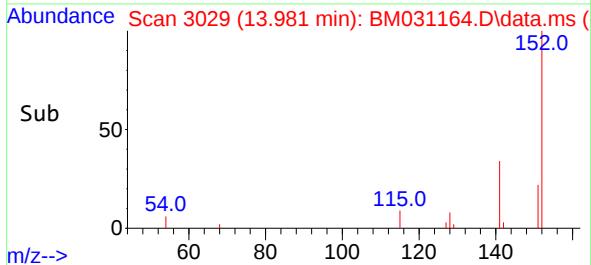
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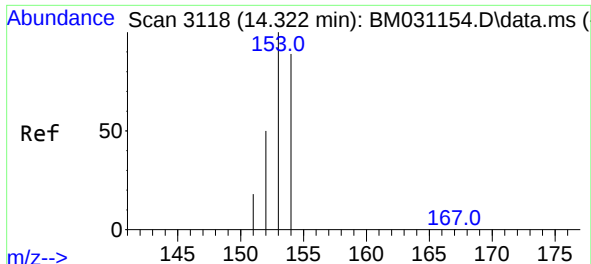


#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

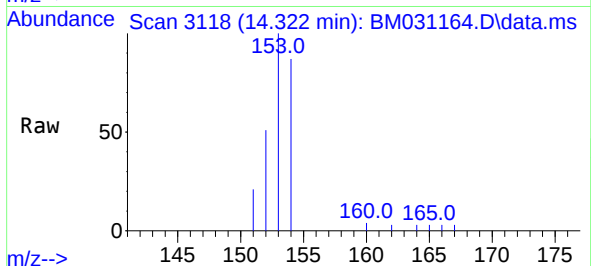


Tgt Ion:152 Resp: 457
Ion Ratio Lower Upper
152 100
151 33.6 17.5 26.3#
153 0.0 0.0 0.0

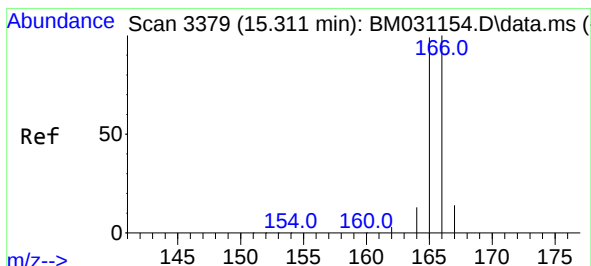
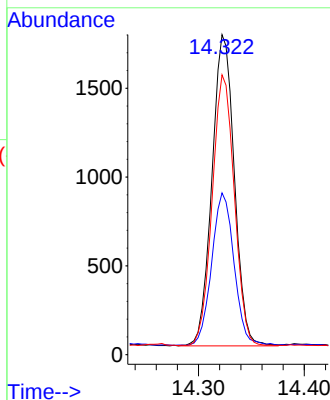
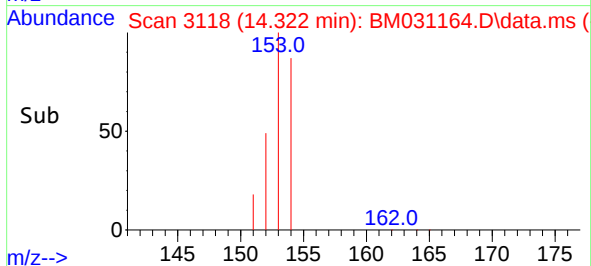




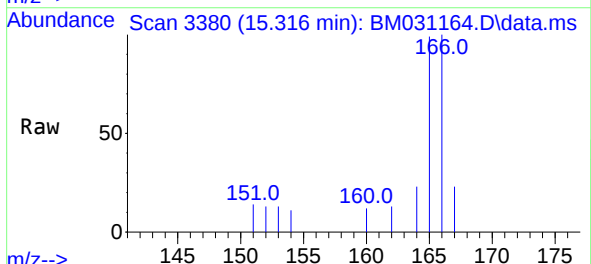
#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48



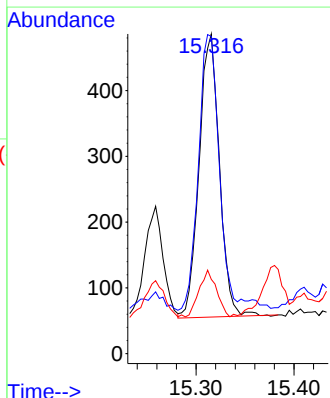
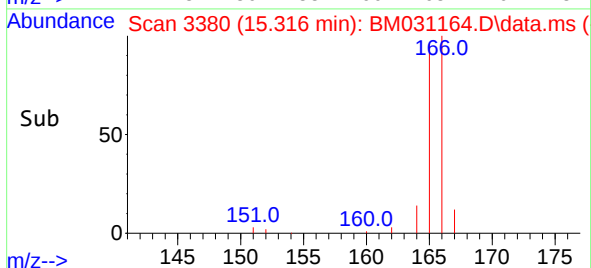
Tgt Ion:153 Resp: 2580
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.2
154 87.5 68.2 102.4



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. 0.004 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48



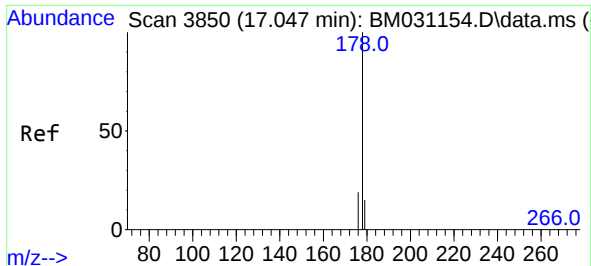
Tgt Ion:166 Resp: 620
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 23.3 12.3 18.5#



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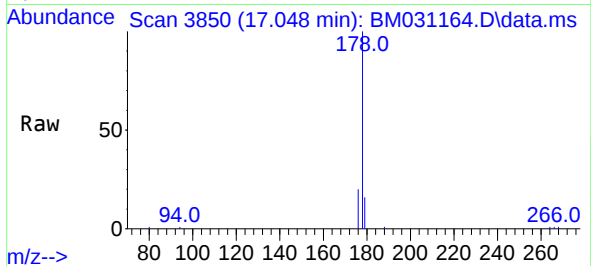
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#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

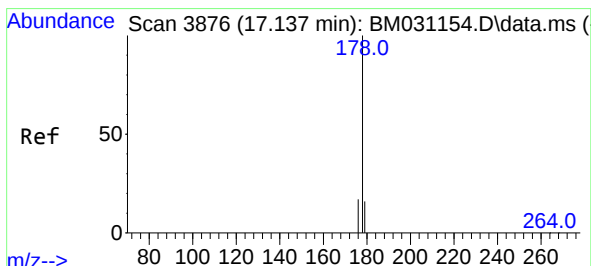
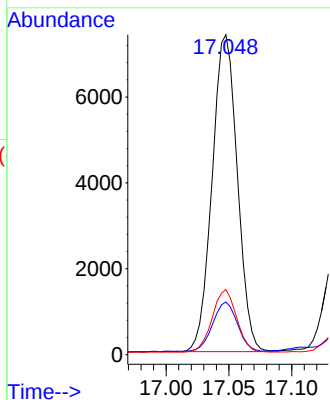
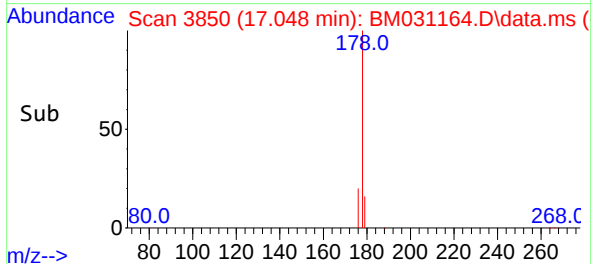
Instrument :
BNA_M
ClientSampleID :
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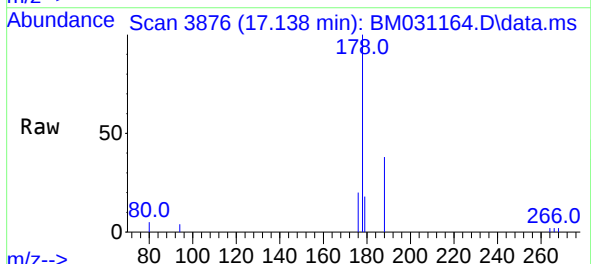
Tgt Ion:178 Resp: 10300
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 20.3 15.4 23.2

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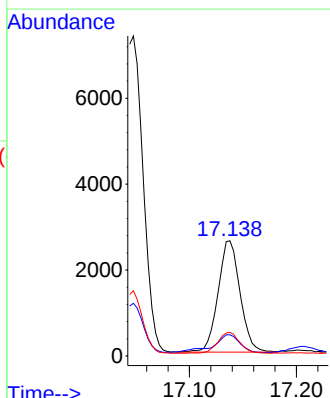
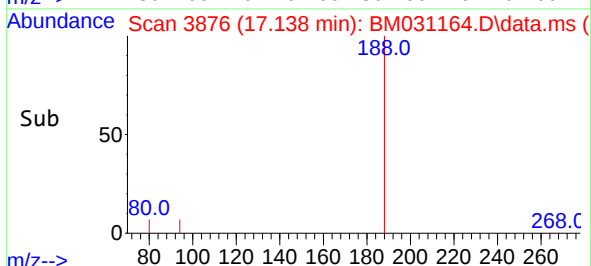
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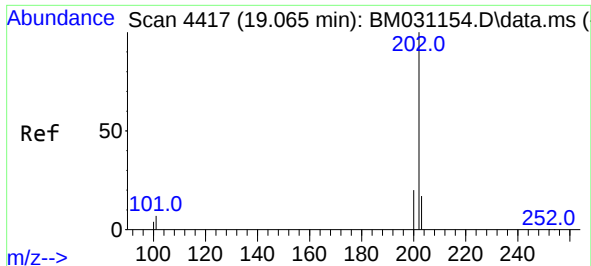


#16
Anthracene
Concen: 0.163 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48



Tgt Ion:178 Resp: 3710
Ion Ratio Lower Upper
178 100
179 18.4 13.8 20.8
176 20.4 15.7 23.5





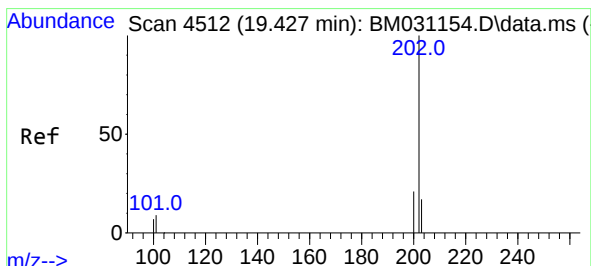
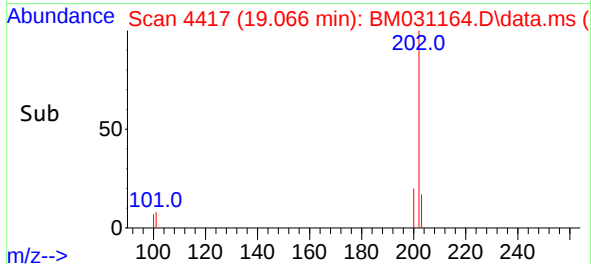
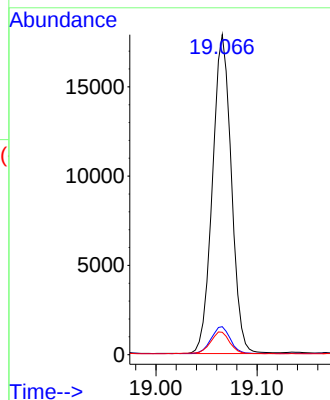
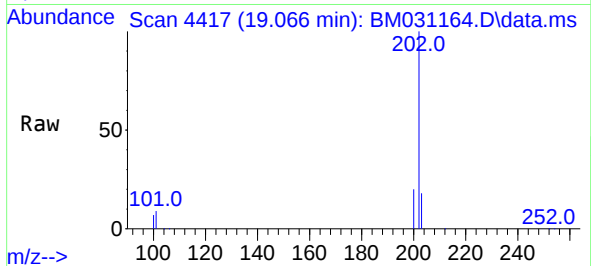
#19
Fluoranthene
Concen: 0.802 ng/u1
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	202	Resp:	23125
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.0	9.0
100	7.0	4.8	7.2

Instrument :
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ClientSampleId :
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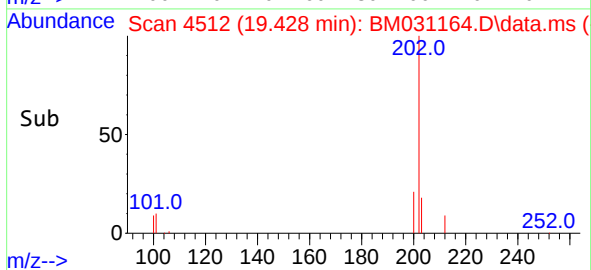
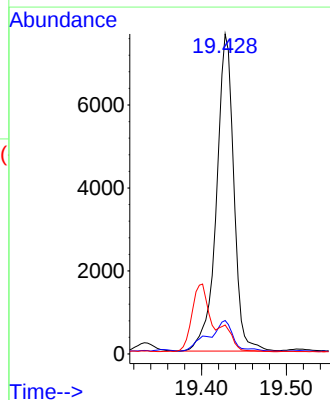
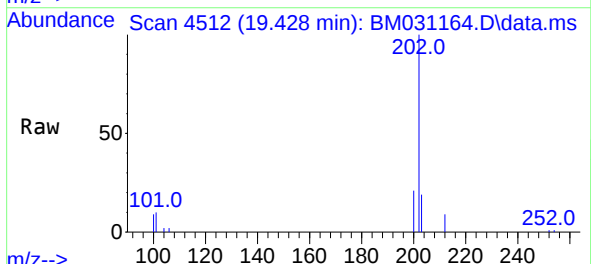
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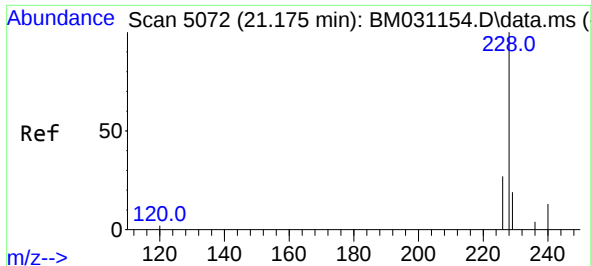
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#20
Pyrene
Concen: 0.368 ng/u1
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	202	Resp:	10837
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.4	11.0
100	9.1	6.0	9.0#





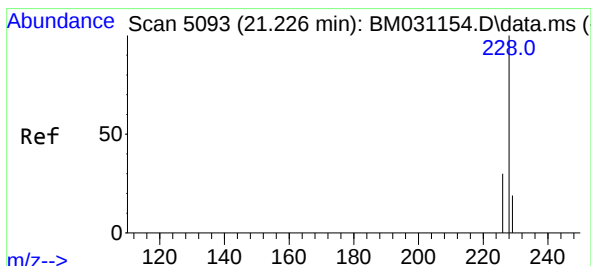
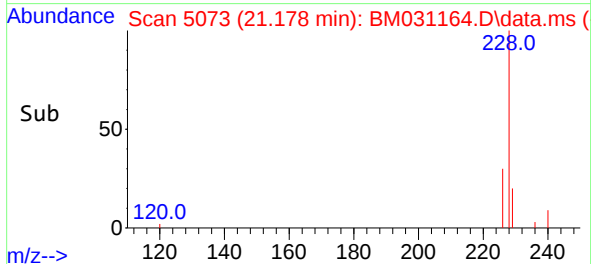
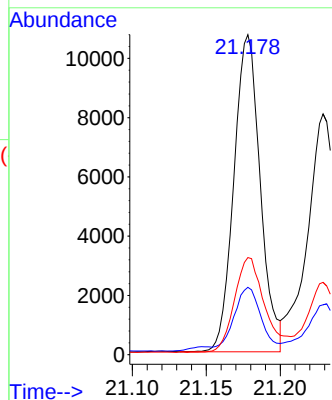
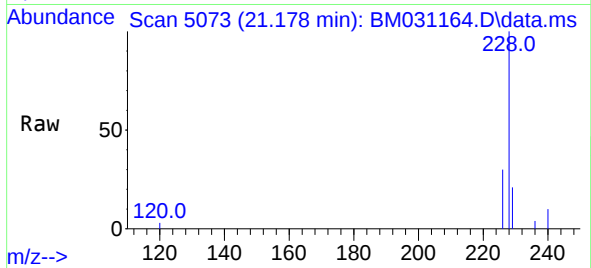
#21
Benzo(a)anthracene
Concen: 0.464 ng/uI
RT: 21.178 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	228	Resp:	13278
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.0	24.0
226	30.3	21.4	32.2

Instrument :
BNA_M
ClientSampled :
BGE18DL

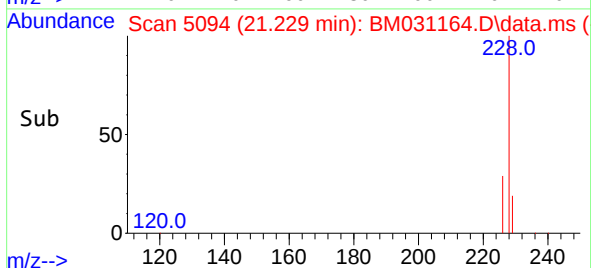
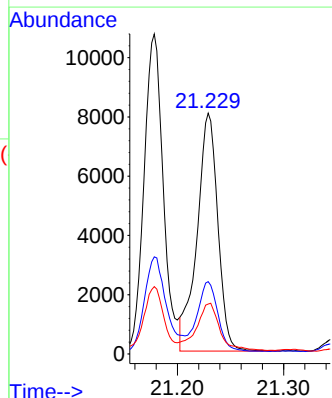
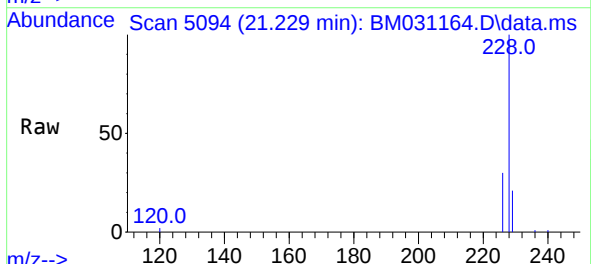
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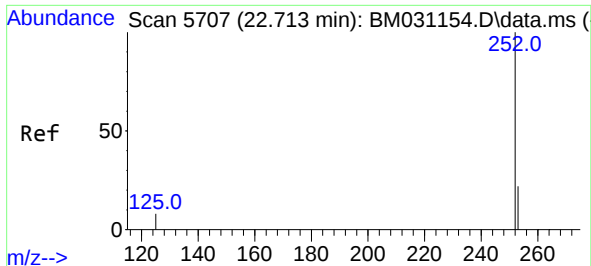
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#22
Chrysene
Concen: 0.354 ng/uI
RT: 21.229 min Scan# 5094
Delta R.T. 0.003 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	228	Resp:	10956
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.5	36.7
229	20.7	15.8	23.8





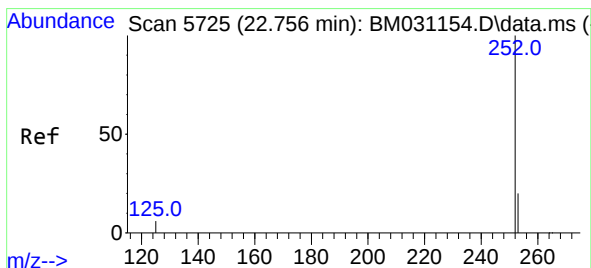
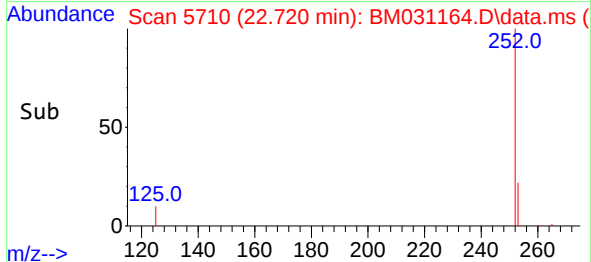
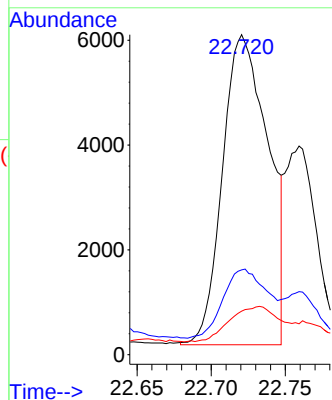
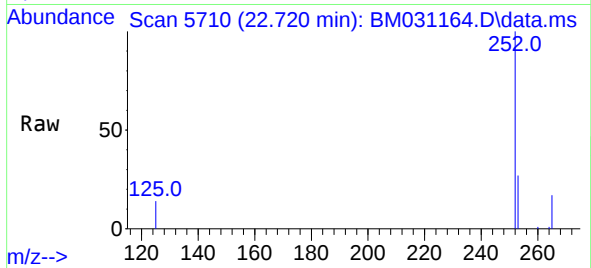
#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	252	Resp:	12668
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	52.8
125	13.6	0.0	20.2

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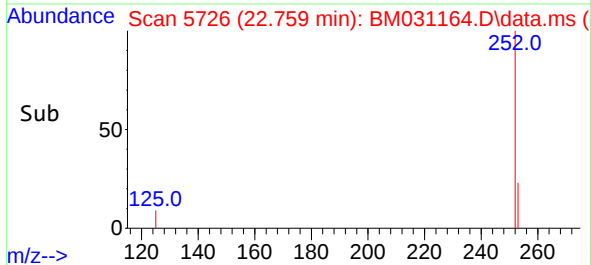
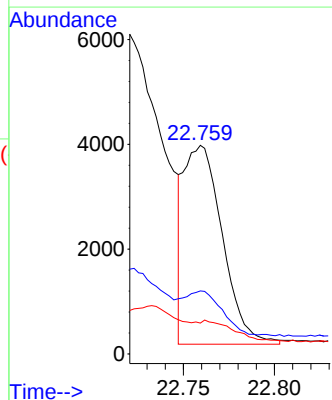
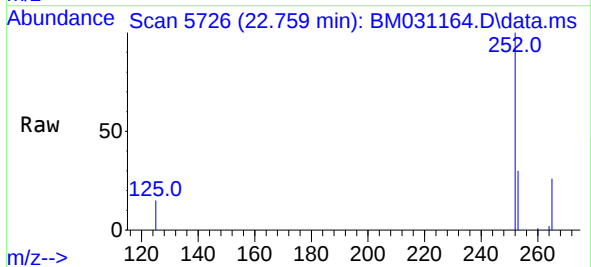
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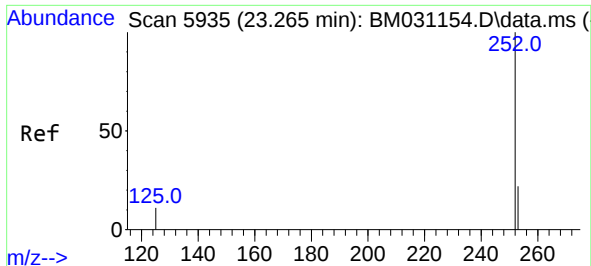
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#25
Benzo(k)fluoranthene
Concen: 0.193 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. 0.003 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:	252	Resp:	5585
Ion Ratio	Lower	Upper	
252	100		
253	30.2	21.6	32.4
125	14.8	8.6	13.0#





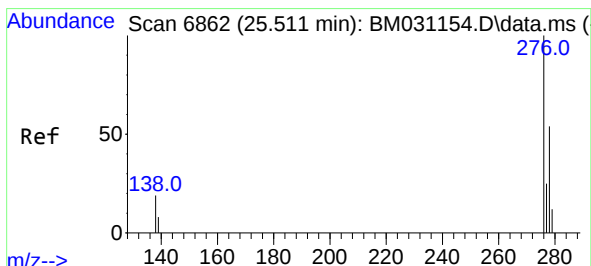
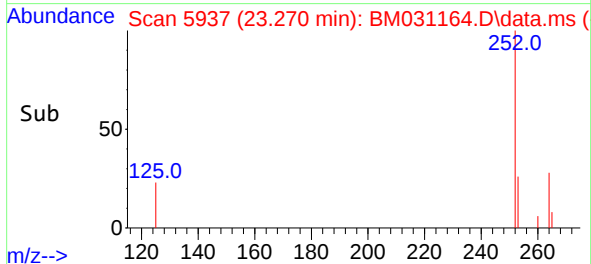
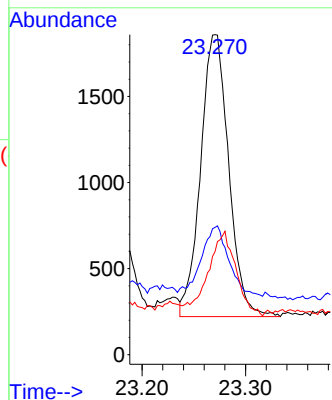
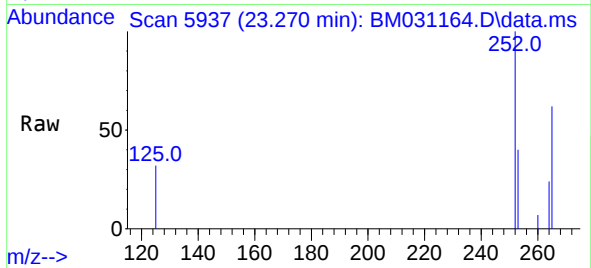
#26
Benzo(a)pyrene
Concen: 0.125 ng/ul
RT: 23.270 min Scan# 5937
Delta R.T. 0.005 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

Tgt Ion:252 Resp: 3089
Ion Ratio Lower Upper
252 100
253 39.8 23.1 34.7#
125 32.2 10.7 16.1#

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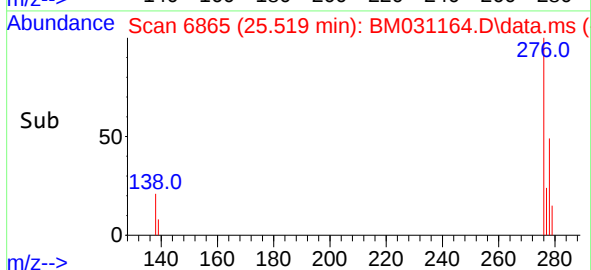
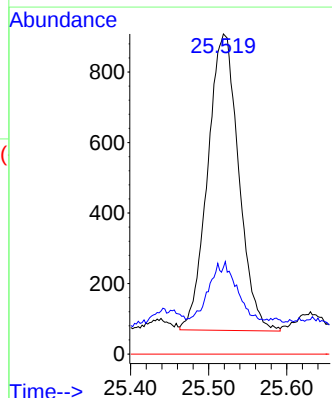
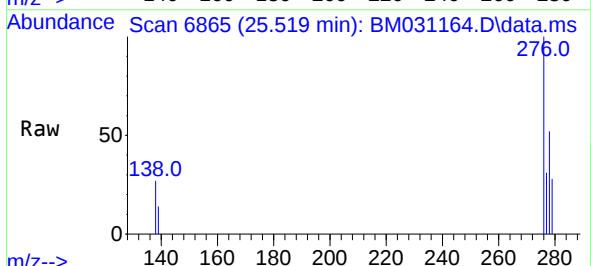
Manual Integrations
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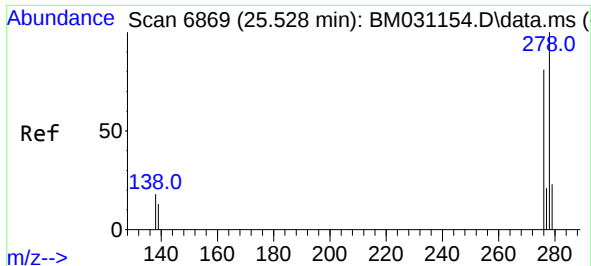
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng/ul
RT: 25.519 min Scan# 6865
Delta R.T. 0.008 min
Lab File: BM031164.D
Acq: 26 Jul 2021 15:48

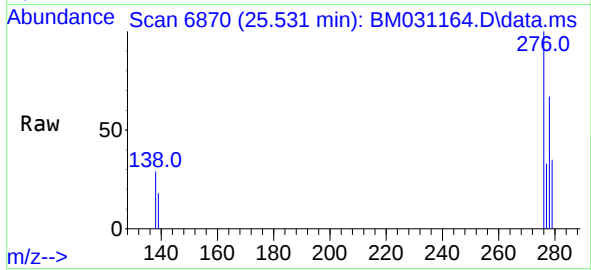
Tgt Ion:276 Resp: 2320
Ion Ratio Lower Upper
276 100
138 19.7 15.4 23.0
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 25.531 min Scan# 6870
 Delta R.T. 0.003 min
 Lab File: BM031164.D
 Acq: 26 Jul 2021 15:48

Instrument :
 BNA_M
 ClientSampleId :
 BGE18DL



Tgt Ion:278 Resp: 1306
 Ion Ratio Lower Upper
 278 100
 139 27.2 12.6 18.8#
 279 51.9 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:09:07 PM

