

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030941.D
 Acq On : 13 Jul 2021 21:30
 Operator : CG/JU
 Sample : M2878-15DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE07DL

Manual Integrations
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Quant Time: Jul 14 10:58:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	1024	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	3565	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.296	164	2358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	5044	0.400	ng/ul	0.00
17) Chrysene-d12	21.234	240	4387	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	4511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	1565	1.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.029	152	676	0.109	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	1710	0.116	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.487	128	288	0.027	ng/ul#	57
10) Acenaphthylene	14.015	152	290	0.025	ng/ul#	52
11) Acenaphthene	14.360	153	246	0.029	ng/ul#	88
12) Fluorene	15.354	166	252	0.025	ng/ul#	93
15) Phenanthrene	17.086	178	3086	0.195	ng/ul	98
16) Anthracene	17.176	178	1163m	0.077	ng/ul	
19) Fluoranthene	19.104	202	10901	0.564	ng/ul	99
20) Pyrene	19.466	202	7541	0.386	ng/ul	97
21) Benzo(a)anthracene	21.217	228	5222	0.275	ng/ul	93
22) Chrysene	21.268	228	4307	0.220	ng/ul	97
24) Benzo(b)fluoranthene	22.774	252	5457m	0.250	ng/ul	
25) Benzo(k)fluoranthene	22.813	252	2340m	0.107	ng/ul	
26) Benzo(a)pyrene	23.329	252	2626	0.139	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.604	276	1939	0.075	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.618	278	718	0.035	ng/ul#	10

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

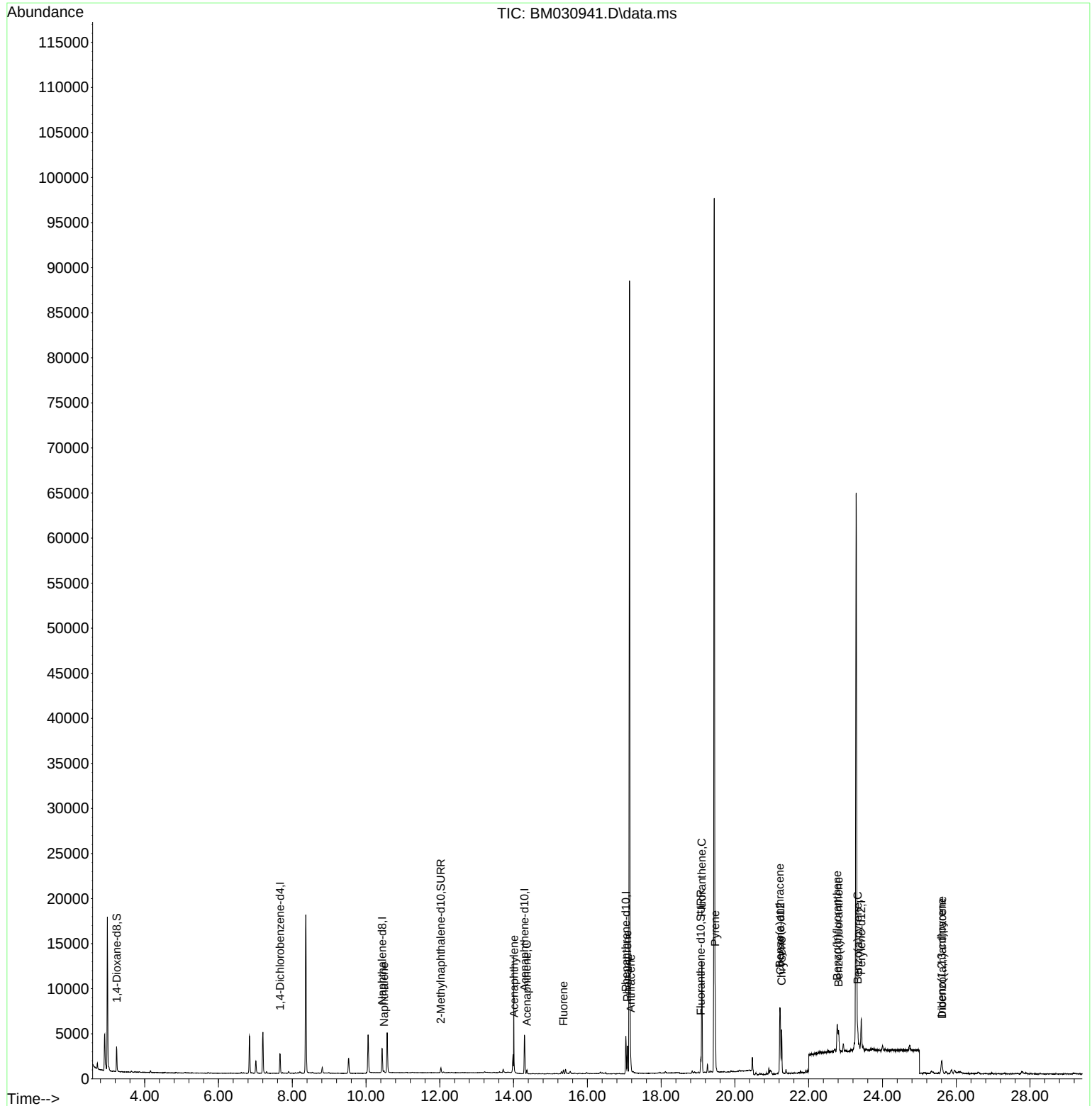
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Data File : BM030941.D
Acq On : 13 Jul 2021 21:30
Operator : CG/JU
Sample : M2878-15DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

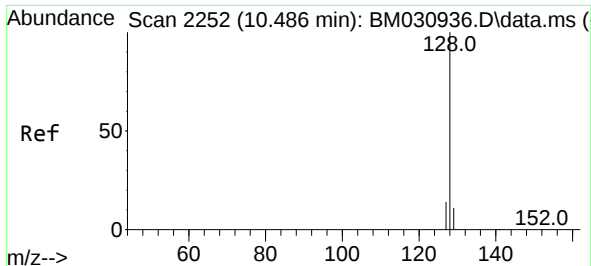
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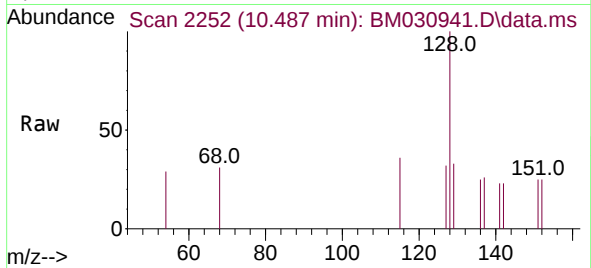
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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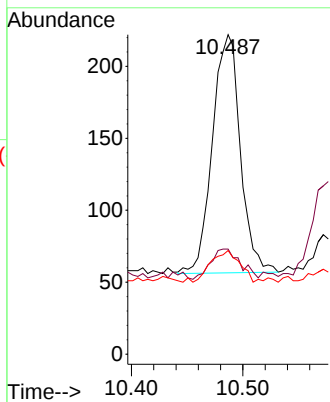
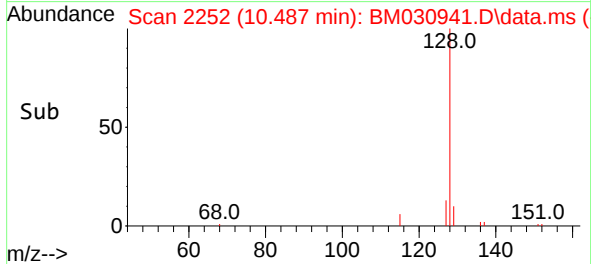




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.487 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30



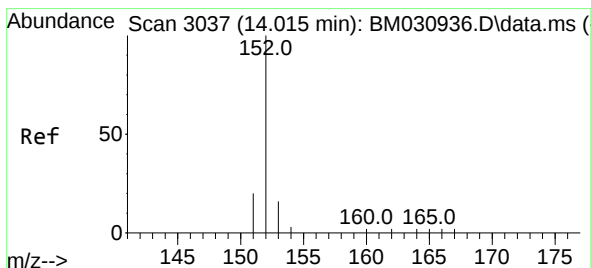
Tgt Ion:128 Resp: 288
Ion Ratio Lower Upper
128 100
129 32.9 10.7 16.1#
127 32.4 12.7 19.1#



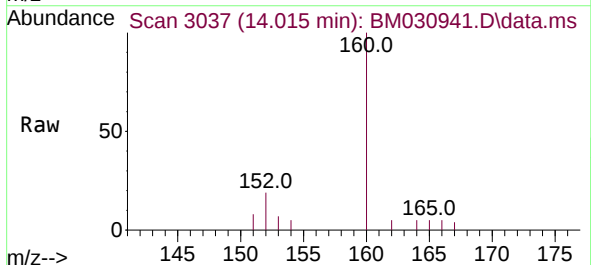
Instrument :
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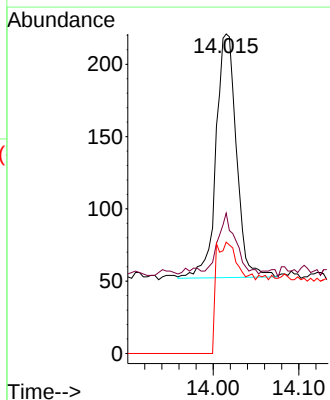
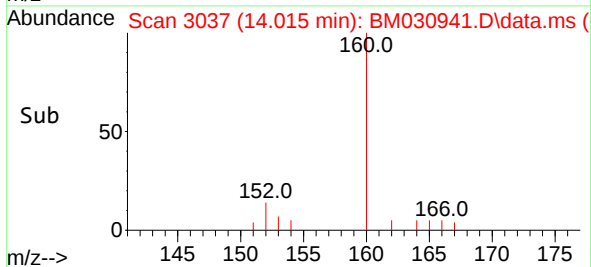
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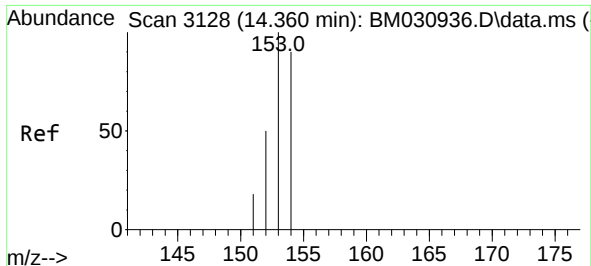


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.015 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

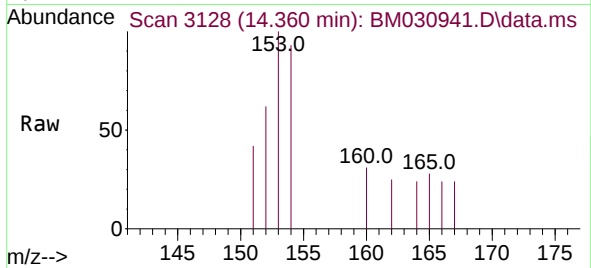


Tgt Ion:152 Resp: 290
Ion Ratio Lower Upper
152 100
151 43.9 17.2 25.8#
153 34.8 12.0 18.0#

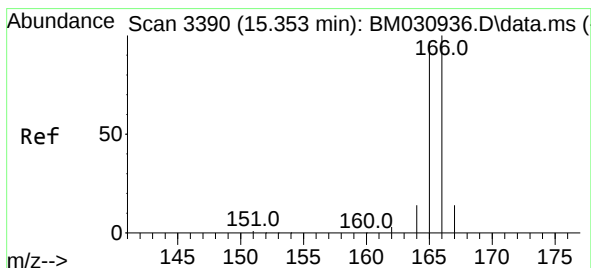
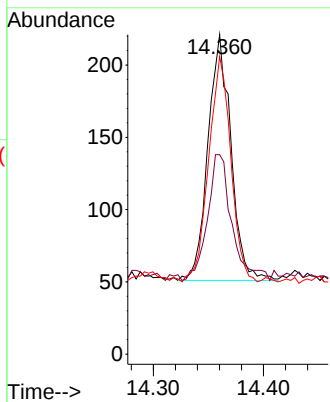
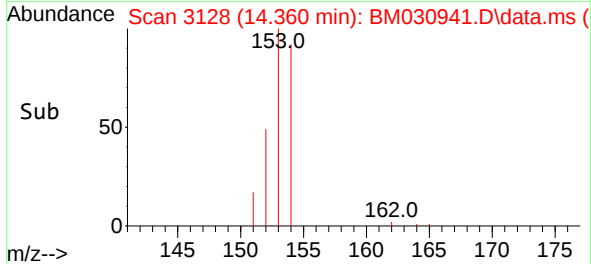




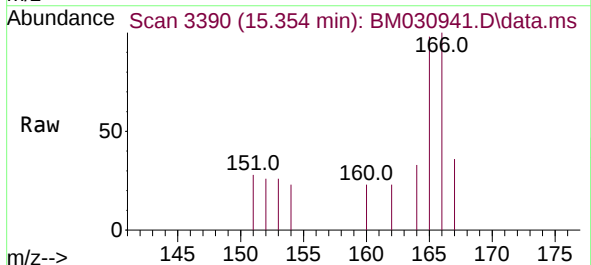
#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30



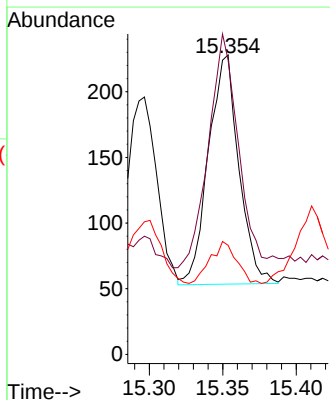
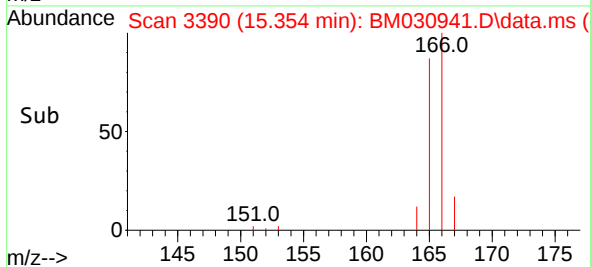
Tgt Ion:153 Resp: 246
Ion Ratio Lower Upper
153 100
152 62.4 39.3 58.9#
154 93.2 68.5 102.7



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.354 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30



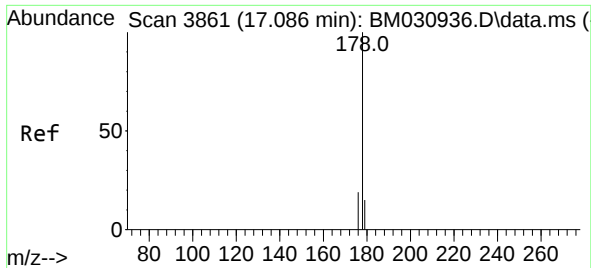
Tgt Ion:166 Resp: 252
Ion Ratio Lower Upper
166 100
165 98.2 78.7 118.1
167 36.4 12.5 18.7#



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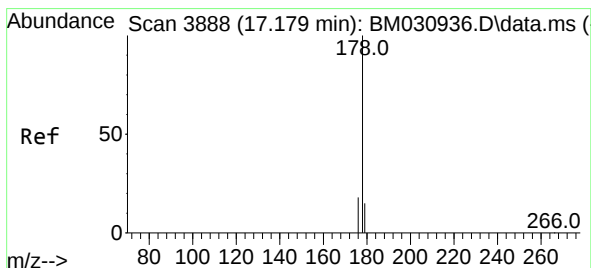
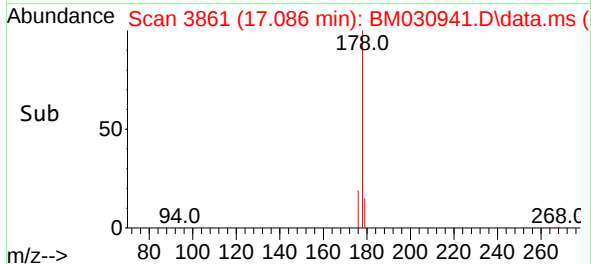
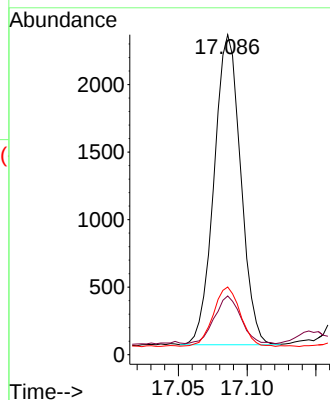
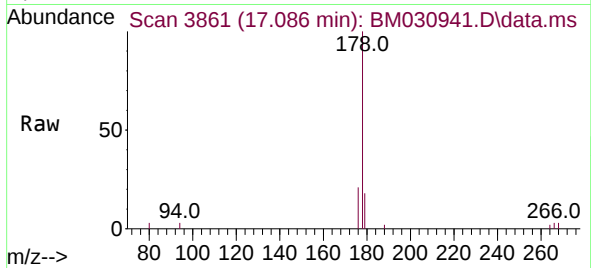
#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.003 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.8	20.6
176	21.1	16.4	24.6

Instrument :
BNA_M
ClientSampleId :
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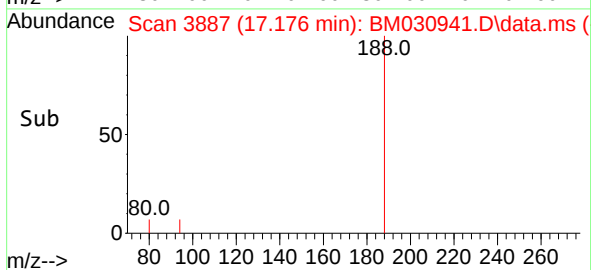
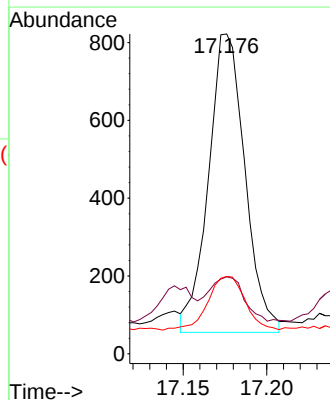
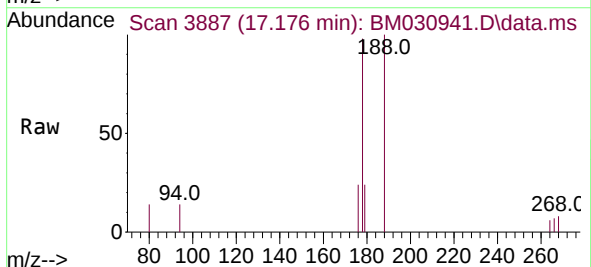
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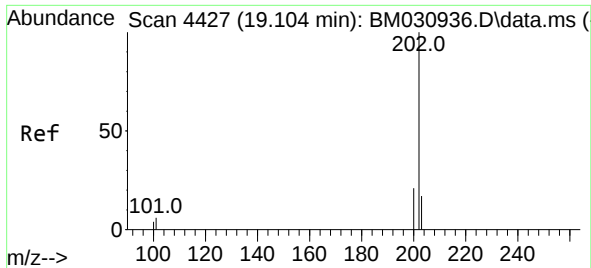
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#16
Anthracene
Concen: 0.077 ng/ul m
RT: 17.176 min Scan# 3887
Delta R.T. -0.003 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.1	14.5	21.7#
176	24.2	16.1	24.1#





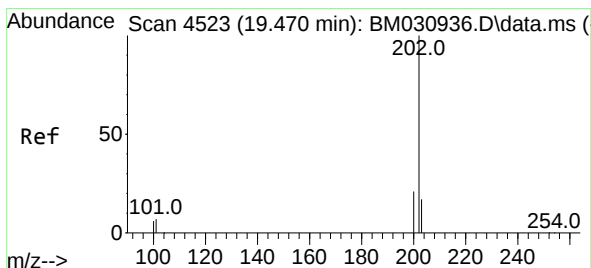
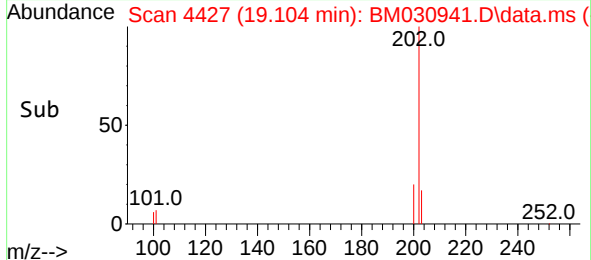
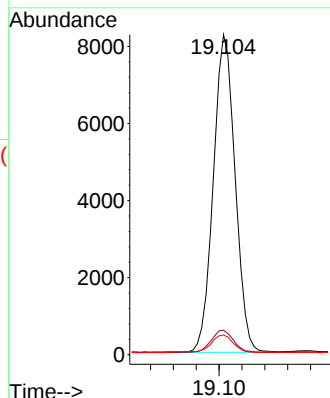
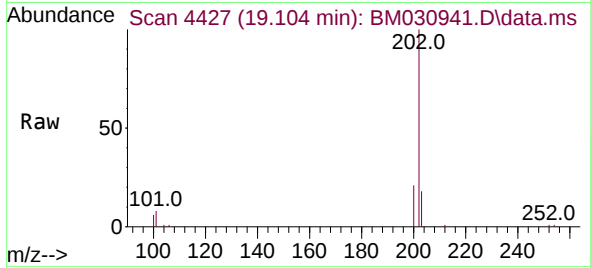
#19
Fluoranthene
Concen: 0.564 ng/uI
RT: 19.104 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:	202	Resp:	10901
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.3	9.5
100	6.2	5.0	7.6

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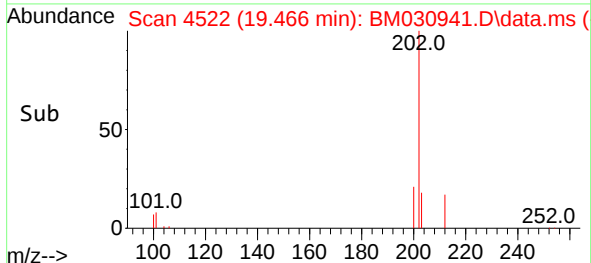
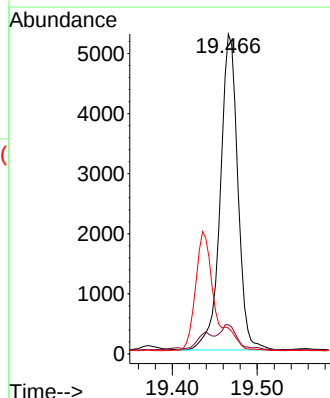
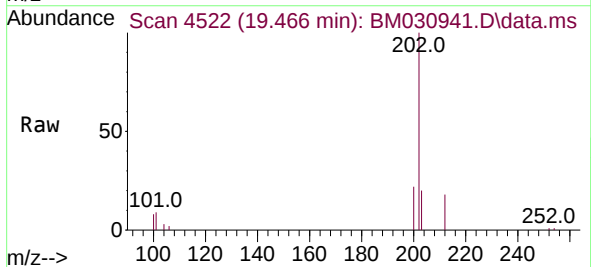
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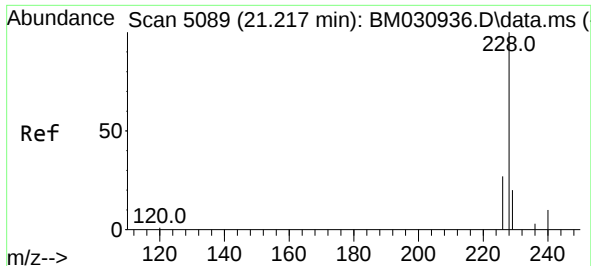
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#20
Pyrene
Concen: 0.386 ng/uI
RT: 19.466 min Scan# 4522
Delta R.T. -0.007 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:	202	Resp:	7541
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.6	10.0
100	8.1	5.6	8.4





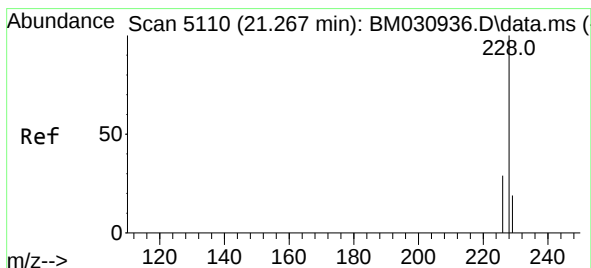
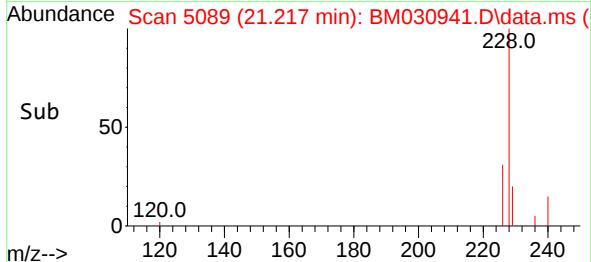
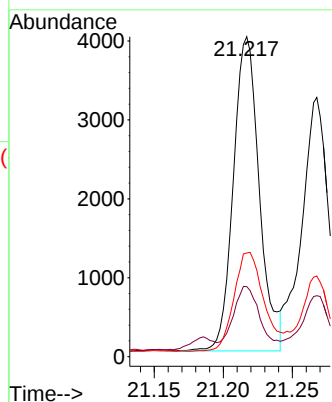
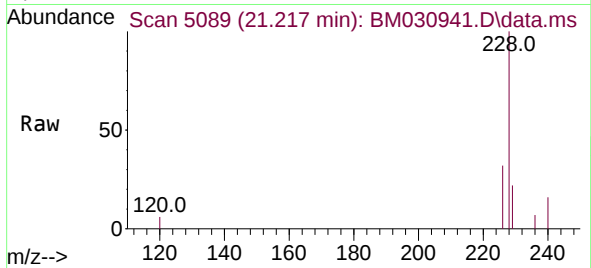
#21
Benzo(a)anthracene
Concen: 0.275 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.005 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:228 Resp: 5222
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 32.4 21.8 32.8

Instrument :
BNA_M
ClientSampled :
BGE07DL

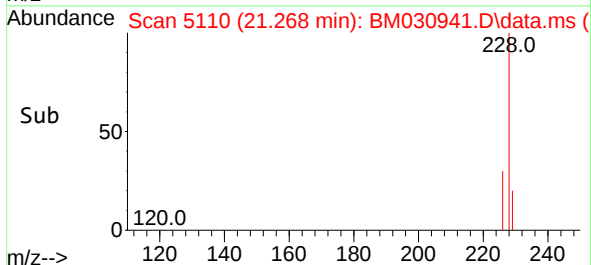
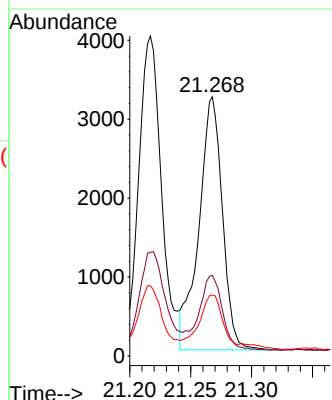
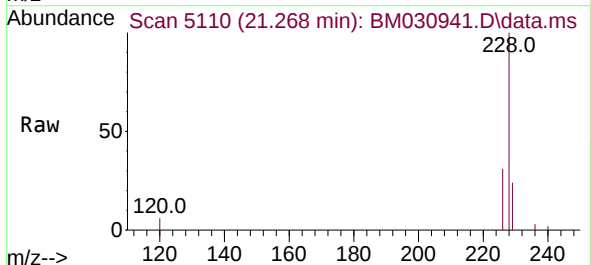
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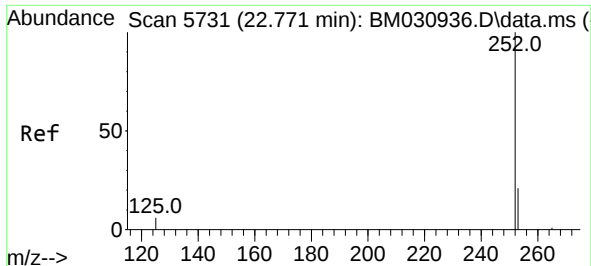
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#22
Chrysene
Concen: 0.220 ng/ul
RT: 21.268 min Scan# 5110
Delta R.T. -0.005 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:228 Resp: 4307
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 23.5 16.4 24.6





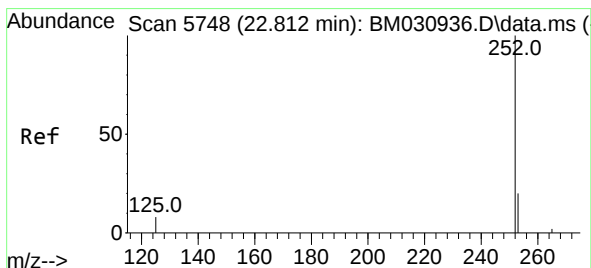
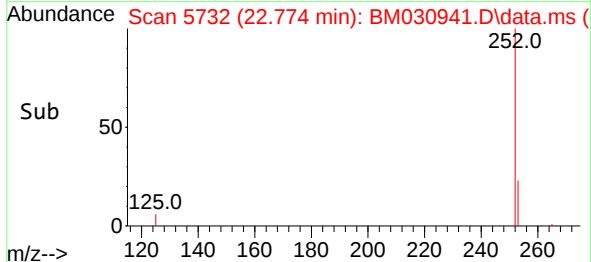
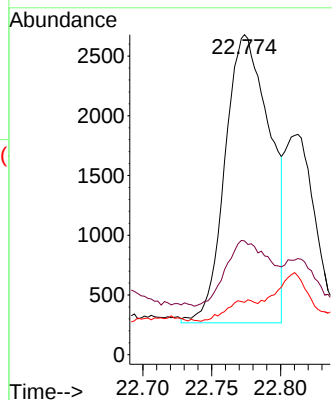
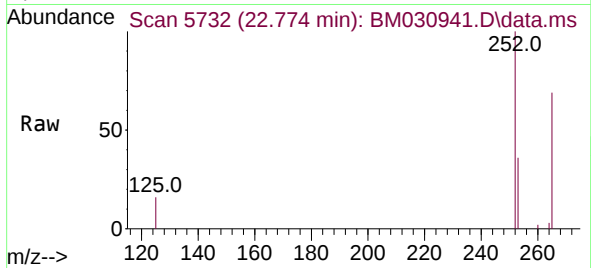
#24
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 22.774 min Scan# 5732
Delta R.T. -0.002 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	62.0
125	16.3	0.0	23.2

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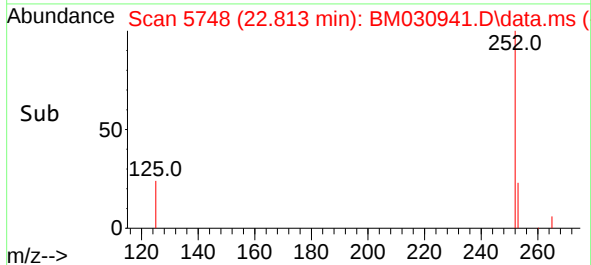
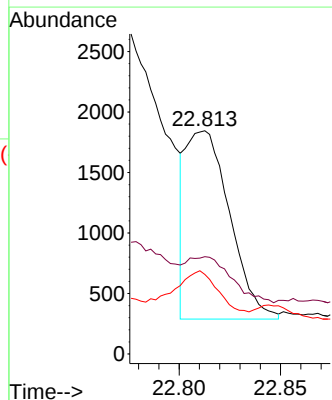
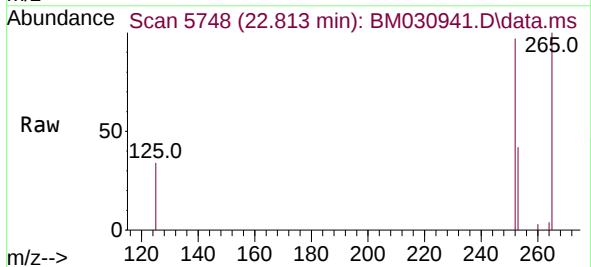
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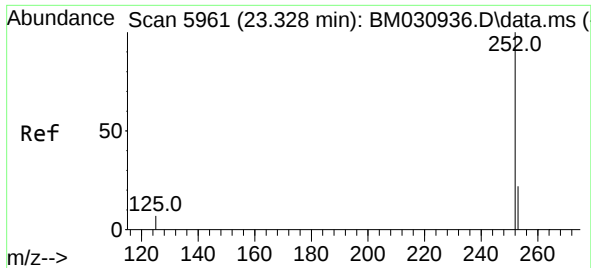
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#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.813 min Scan# 5748
Delta R.T. -0.007 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.6	24.3	36.5#
125	35.7	9.8	14.8#





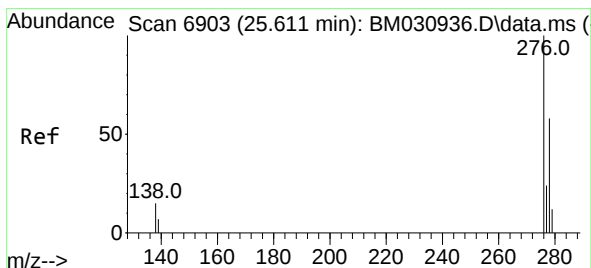
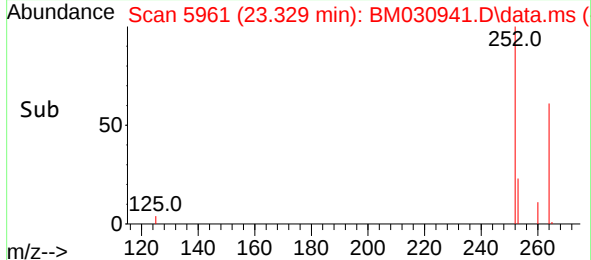
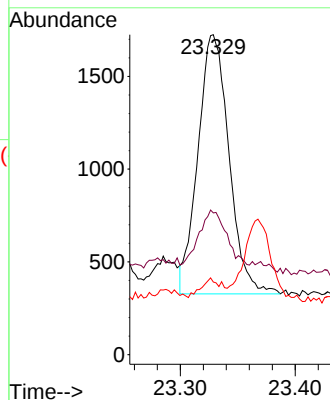
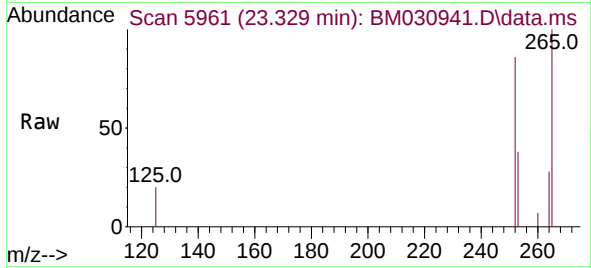
#26
Benzo(a)pyrene
Concen: 0.139 ng/ul
RT: 23.329 min Scan# 5961
Delta R.T. -0.007 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:	252	Resp:	2626
Ion Ratio	Lower	Upper	
252	100		
253	44.3	26.5	39.7#
125	22.7	11.0	16.4#

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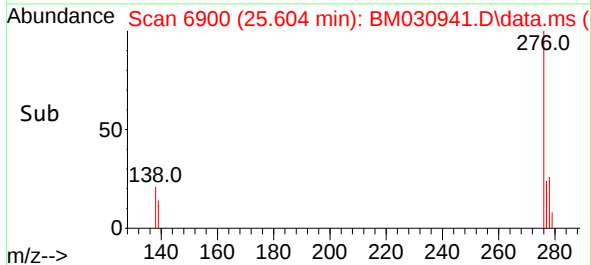
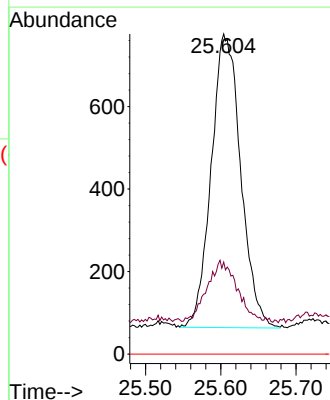
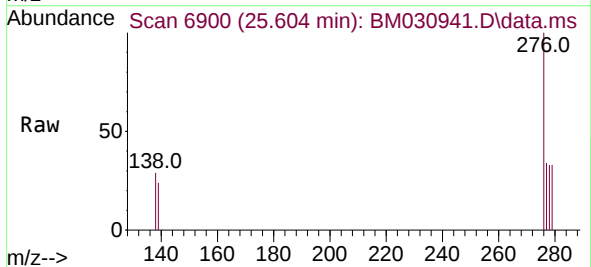
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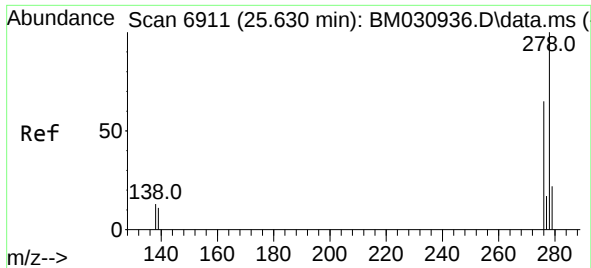
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 25.604 min Scan# 6900
Delta R.T. -0.017 min
Lab File: BM030941.D
Acq: 13 Jul 2021 21:30

Tgt Ion:	276	Resp:	1939
Ion Ratio	Lower	Upper	
276	100		
138	20.8	13.0	19.6#
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.035 ng/ul
 RT: 25.618 min Scan# 6906
 Delta R.T. -0.019 min
 Lab File: BM030941.D
 Acq: 13 Jul 2021 21:30

Tgt Ion:	278	Resp:	718
Ion Ratio	Lower	Upper	
278	100		
139	47.6	11.4	17.0#
279	85.7	26.2	39.2#

Instrument :
 BNA_M
 ClientSampleId :
 BGE07DL

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:16:47 PM

