

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030944.D
 Acq On : 13 Jul 2021 23:20
 Operator : CG/JU
 Sample : M2878-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ0

Manual Integrations
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Quant Time: Jul 14 04:19:13 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 : Wed Jul 14 04:01:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	1106	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	3740	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.296	164	2445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	5112	0.400	ng/ul	0.00
17) Chrysene-d12	21.231	240	4165	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264	4251	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	1190	1.046	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.029	152	951	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	2335	0.167	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.482	128	427	0.038	ng/ul#	76
15) Phenanthrene	17.082	178	865	0.054	ng/ul#	84
16) Anthracene	17.176	178	508	0.033	ng/ul#	74
19) Fluoranthene	19.104	202	3062	0.167	ng/ul	97
20) Pyrene	19.466	202	2887	0.156	ng/ul#	93
21) Benzo(a)anthracene	21.214	228	1946	0.108	ng/ul#	90
22) Chrysene	21.265	228	1751	0.094	ng/ul	93
24) Benzo(b)fluoranthene	22.771	252	2166m	0.105	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	1154m	0.056	ng/ul	
26) Benzo(a)pyrene	23.326	252	1216	0.068	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	25.599	276	898	0.037	ng/ul#	79

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

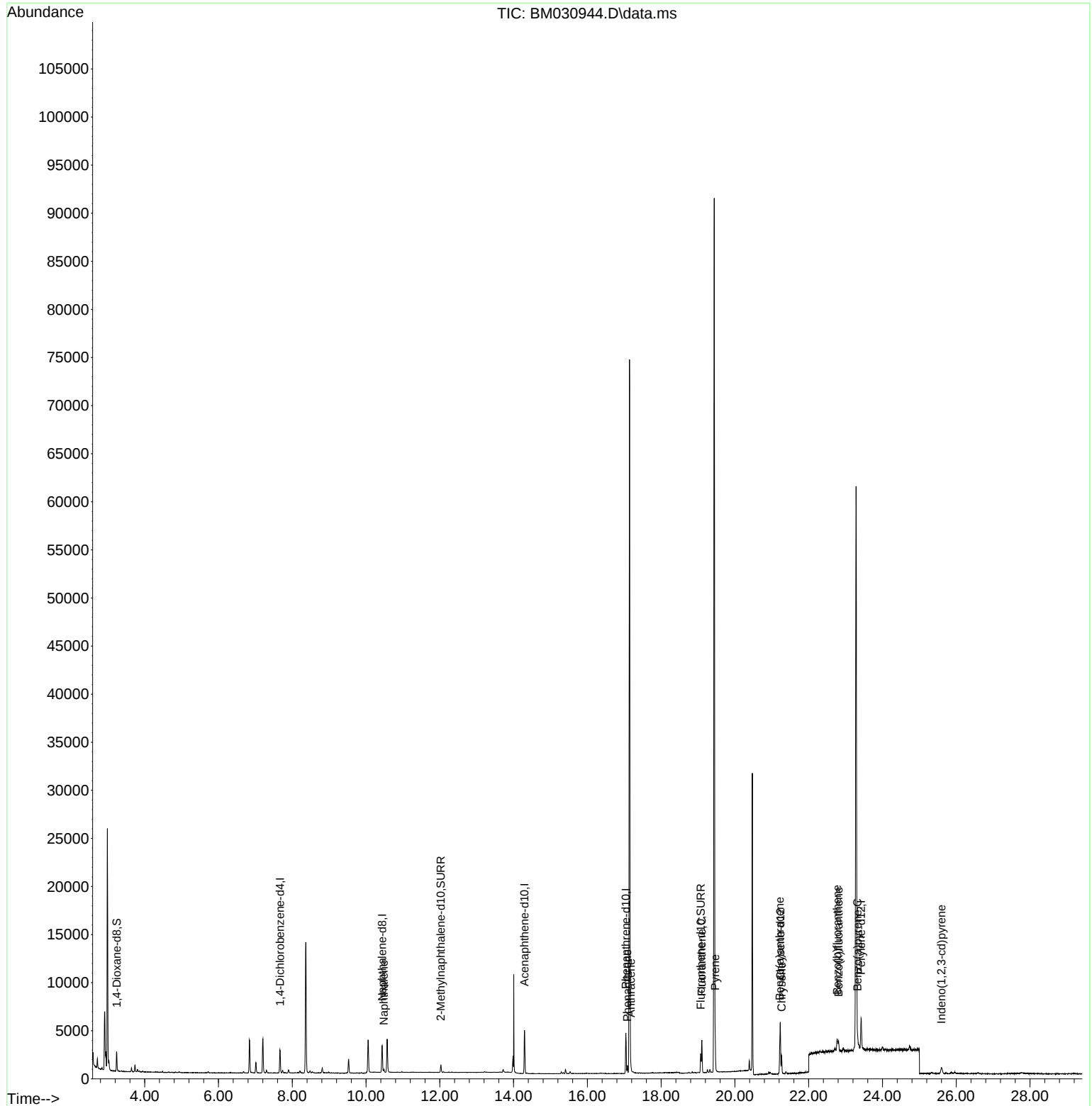
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030944.D
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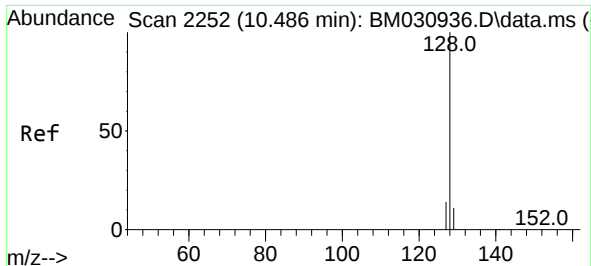
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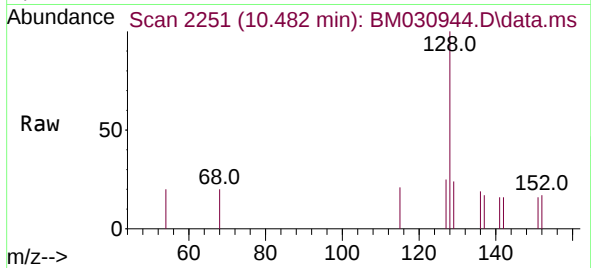
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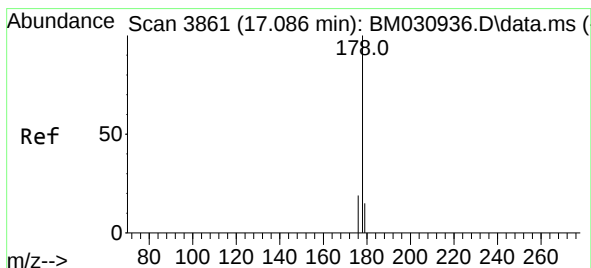
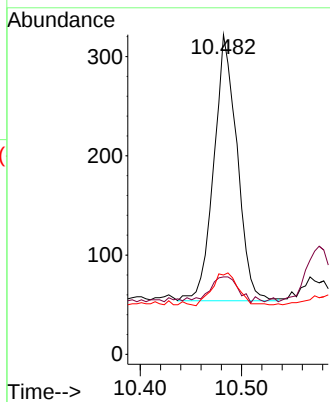
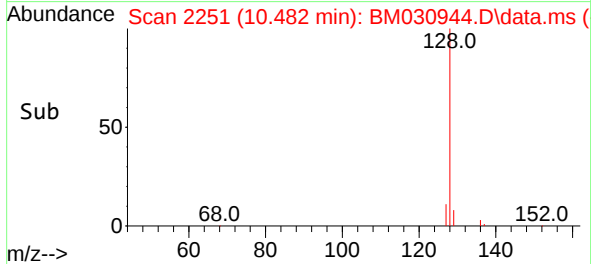




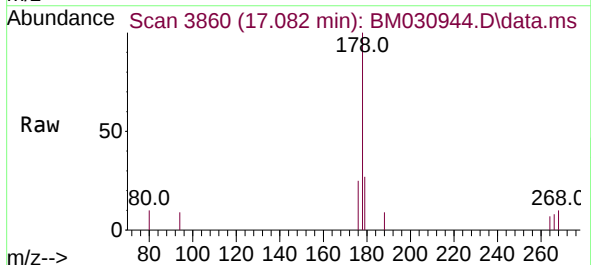
#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.482 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20



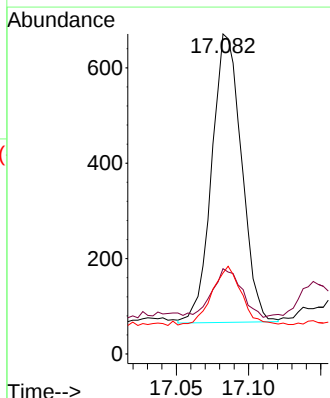
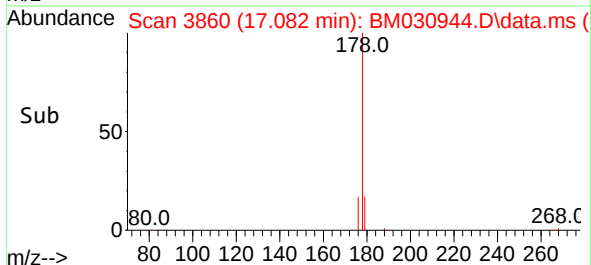
Tgt Ion:128 Resp: 427
Ion Ratio Lower Upper
128 100
129 24.2 10.7 16.1#
127 24.8 12.7 19.1#



#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.007 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20



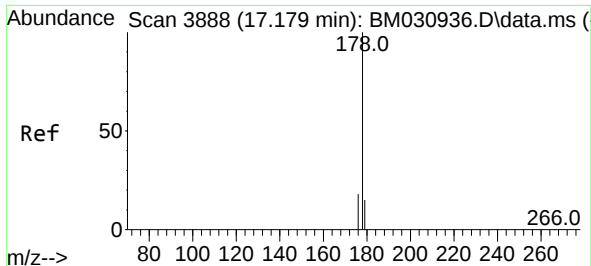
Tgt Ion:178 Resp: 865
Ion Ratio Lower Upper
178 100
179 26.7 13.8 20.6#
176 25.3 16.4 24.6#



Instrument :
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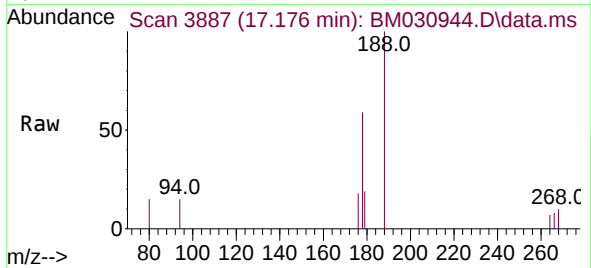
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#16
 Anthracene
 Concen: 0.033 ng/ul
 RT: 17.176 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: BM030944.D
 Acq: 13 Jul 2021 23:20

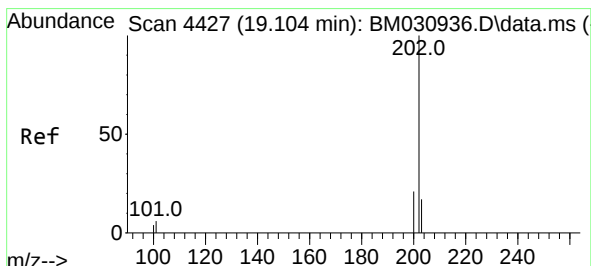
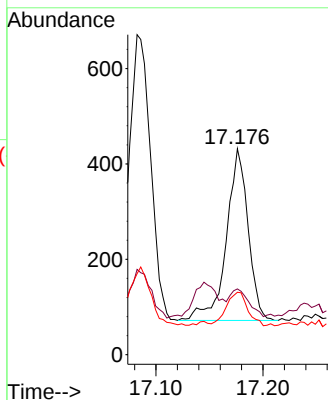
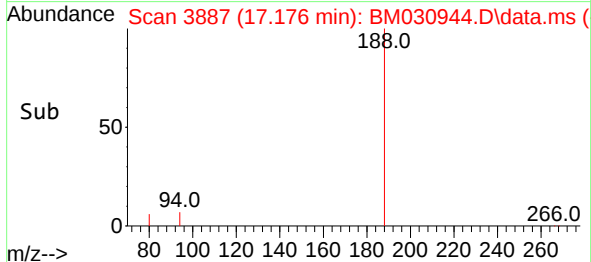
Instrument :
 BNA_M
 ClientSampled :
 BGDZ0



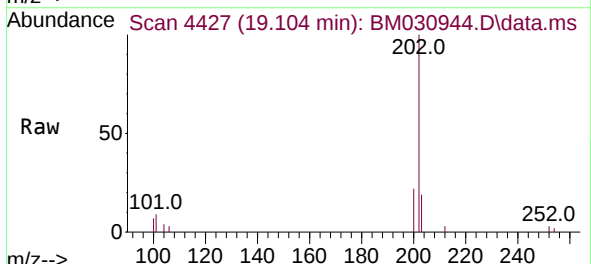
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 Ion Ratio Lower Upper
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 179 31.9 14.5 21.7#
 176 30.3 16.1 24.1#

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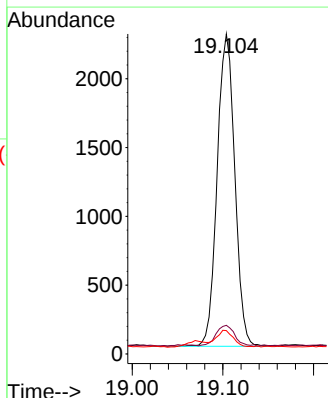
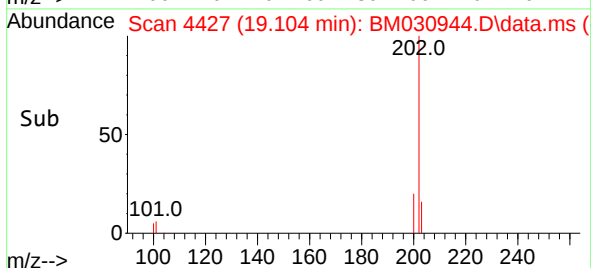
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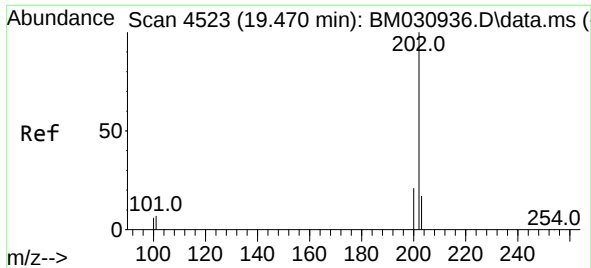


#19
 Fluoranthene
 Concen: 0.167 ng/ul
 RT: 19.104 min Scan# 4427
 Delta R.T. -0.004 min
 Lab File: BM030944.D
 Acq: 13 Jul 2021 23:20



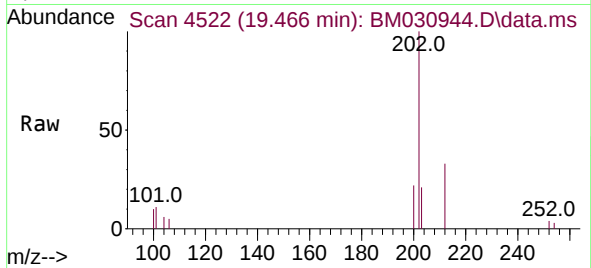
Tgt Ion:202 Resp: 3062
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.3 9.5
 100 7.3 5.0 7.6





#20
Pyrene
Concen: 0.156 ng/ul
RT: 19.466 min Scan# 4522
Delta R.T. -0.007 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20

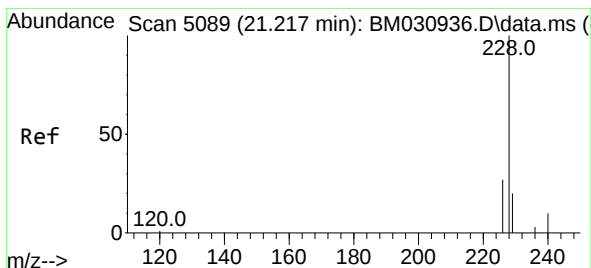
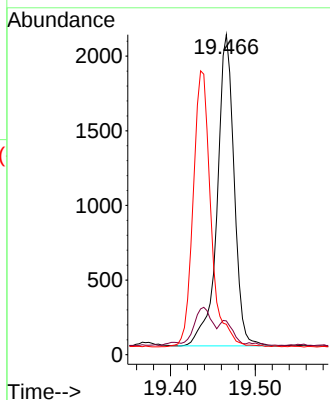
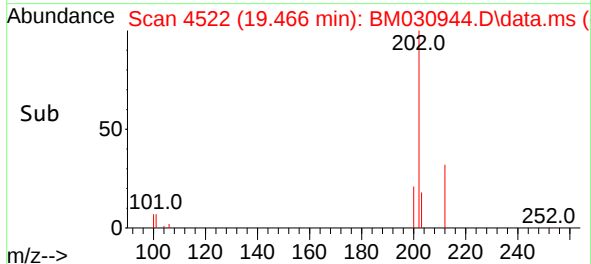
Instrument :
BNA_M
ClientSampled :
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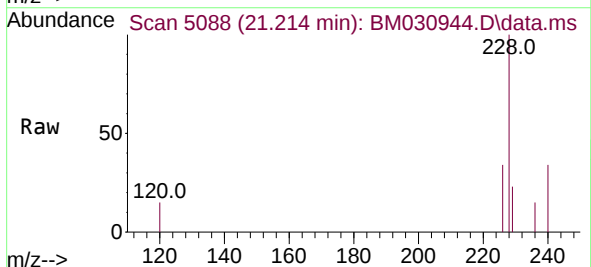
Tgt Ion:202 Resp: 2887
Ion Ratio Lower Upper
202 100
101 10.5 6.6 10.0#
100 9.5 5.6 8.4#

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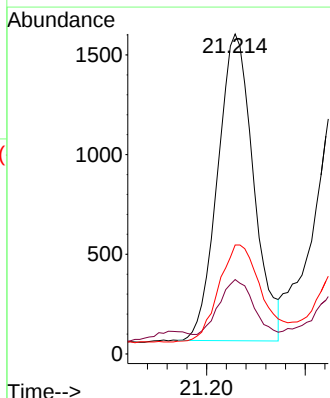
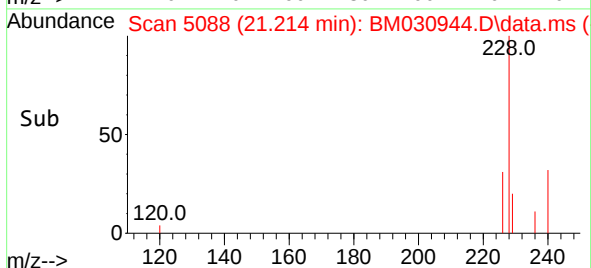
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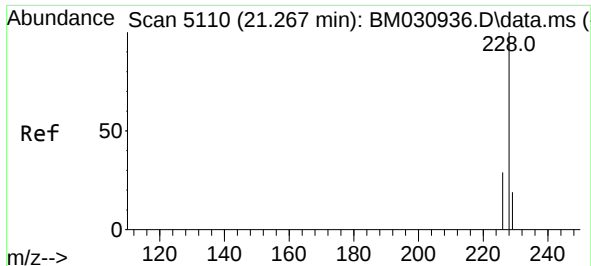


#21
Benzo(a)anthracene
Concen: 0.108 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. -0.007 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20

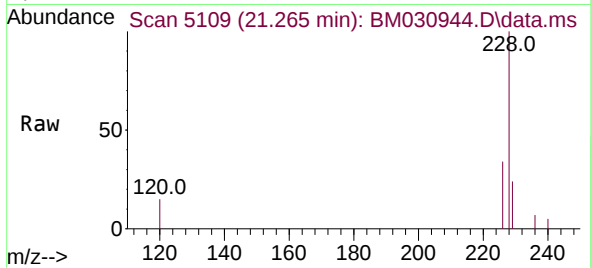


Tgt Ion:228 Resp: 1946
Ion Ratio Lower Upper
228 100
229 23.2 16.1 24.1
226 34.1 21.8 32.8#

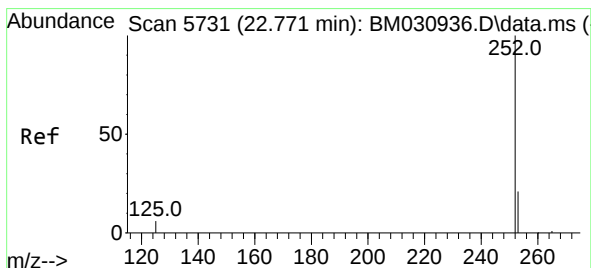
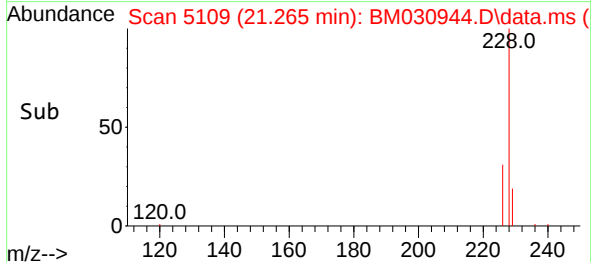
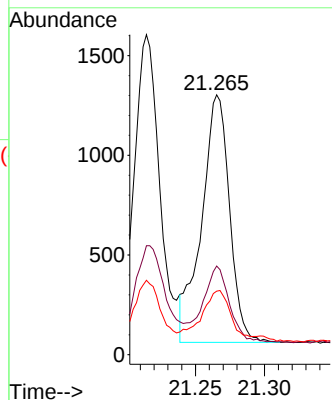




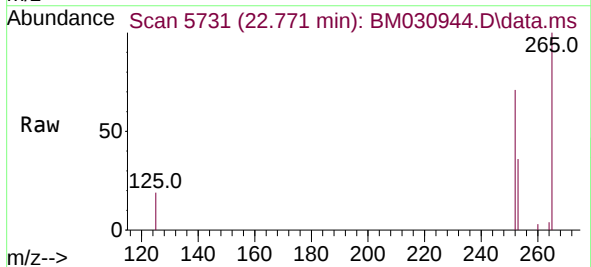
#22
Chrysene
Concen: 0.094 ng/ul
RT: 21.265 min Scan# 5109
Delta R.T. -0.007 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20



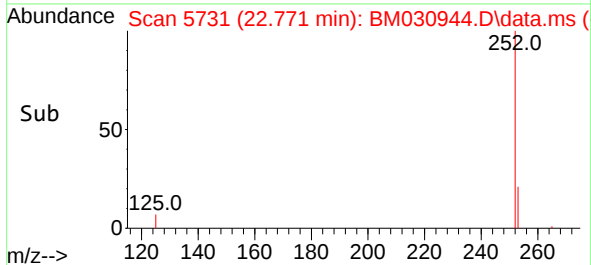
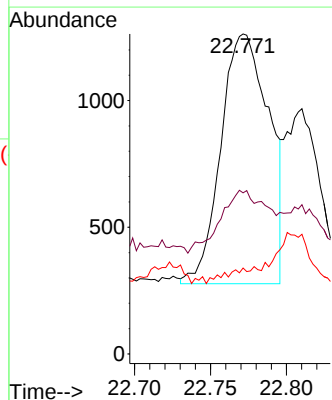
Tgt Ion:	228	Resp:	1751
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.5	36.7
229	24.5	16.4	24.6



#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.771 min Scan# 5731
Delta R.T. -0.005 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20



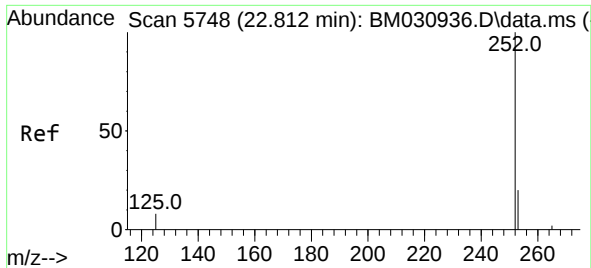
Tgt Ion:	252	Resp:	2166
Ion Ratio	Lower	Upper	
252	100		
253	50.4	0.0	62.0
125	26.8	0.0	23.2#



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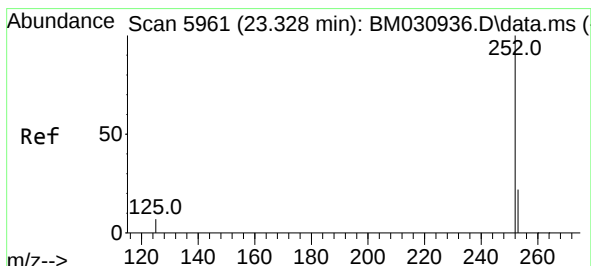
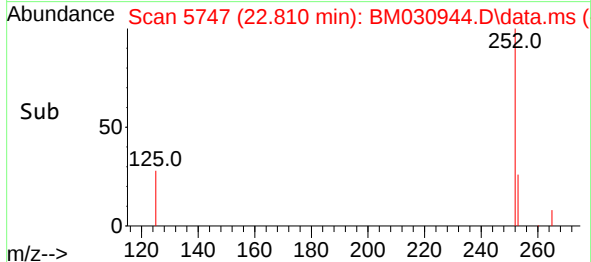
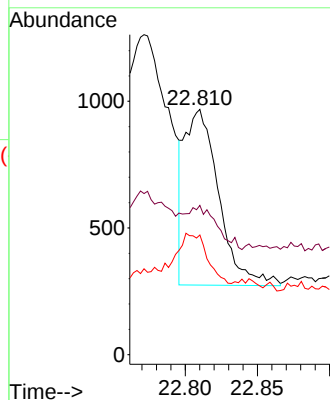
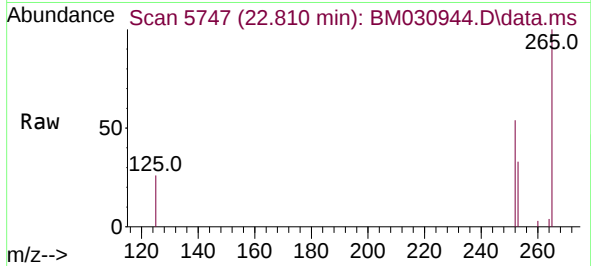
#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 22.810 min Scan# 5747
Delta R.T. -0.009 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20

Tgt Ion:252	Resp:	1154
Ion Ratio	Lower	Upper
252	100	
253	60.8	24.3 36.5#
125	48.8	9.8 14.8#

Instrument :
BNA_M
ClientSampled :
BGDZ0

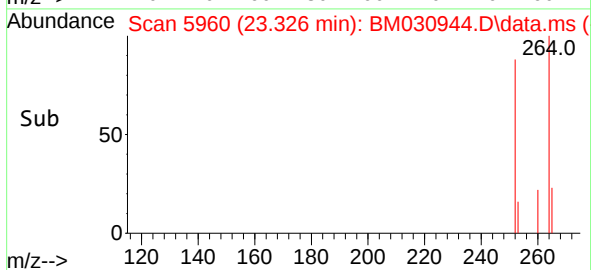
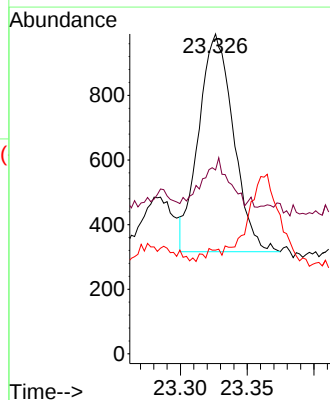
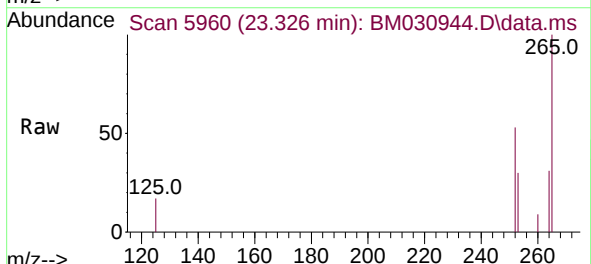
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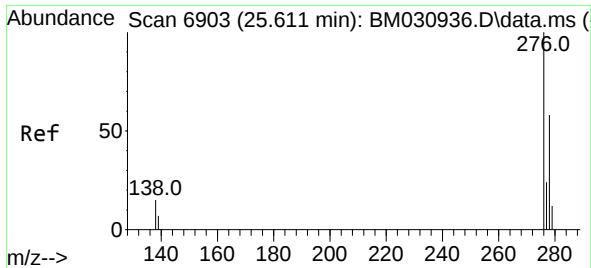
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#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.326 min Scan# 5960
Delta R.T. -0.009 min
Lab File: BM030944.D
Acq: 13 Jul 2021 23:20

Tgt Ion:252	Resp:	1216
Ion Ratio	Lower	Upper
252	100	
253	57.5	26.5 39.7#
125	32.4	11.0 16.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng/ul
 RT: 25.599 min Scan# 6898
 Delta R.T. -0.022 min
 Lab File: BM030944.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	13.0	19.6#
227	0.0	0.0	0.0

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