

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032594.D
 Acq On : 19 Oct 2021 21:12
 Operator : CG/JU
 Sample : M4181-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B17

Manual Integrations
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Quant Time: Oct 20 02:57:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6626	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	19865	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8986	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	15892	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	11079	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	11300	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	8214	1.11	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2922	0.11	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	4569	0.13	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	8823	0.15	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	6576	0.17	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	5224	0.13	ng/ul	100
10) Acenaphthylene	13.933	152	953	0.02	ng/ul#	76
15) Phenanthrene	16.988	178	7992	0.15	ng/ul	98
19) Fluoranthene	19.004	202	9717	0.18	ng/ul	97
20) Pyrene	19.366	202	8093	0.14	ng/ul	98
21) Benzo(a)anthracene	21.109	228	4482	0.10	ng/ul	94
22) Chrysene	21.159	228	6133m	0.13	ng/ul	
24) Benzo(b)fluoranthene	22.629	252	7112m	0.14	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	2672m	0.05	ng/ul	
26) Benzo(a)pyrene	23.169	252	2203	0.05	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	25.374	276	2211	0.04	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.379	278	994	0.02	ng/ul#	1

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

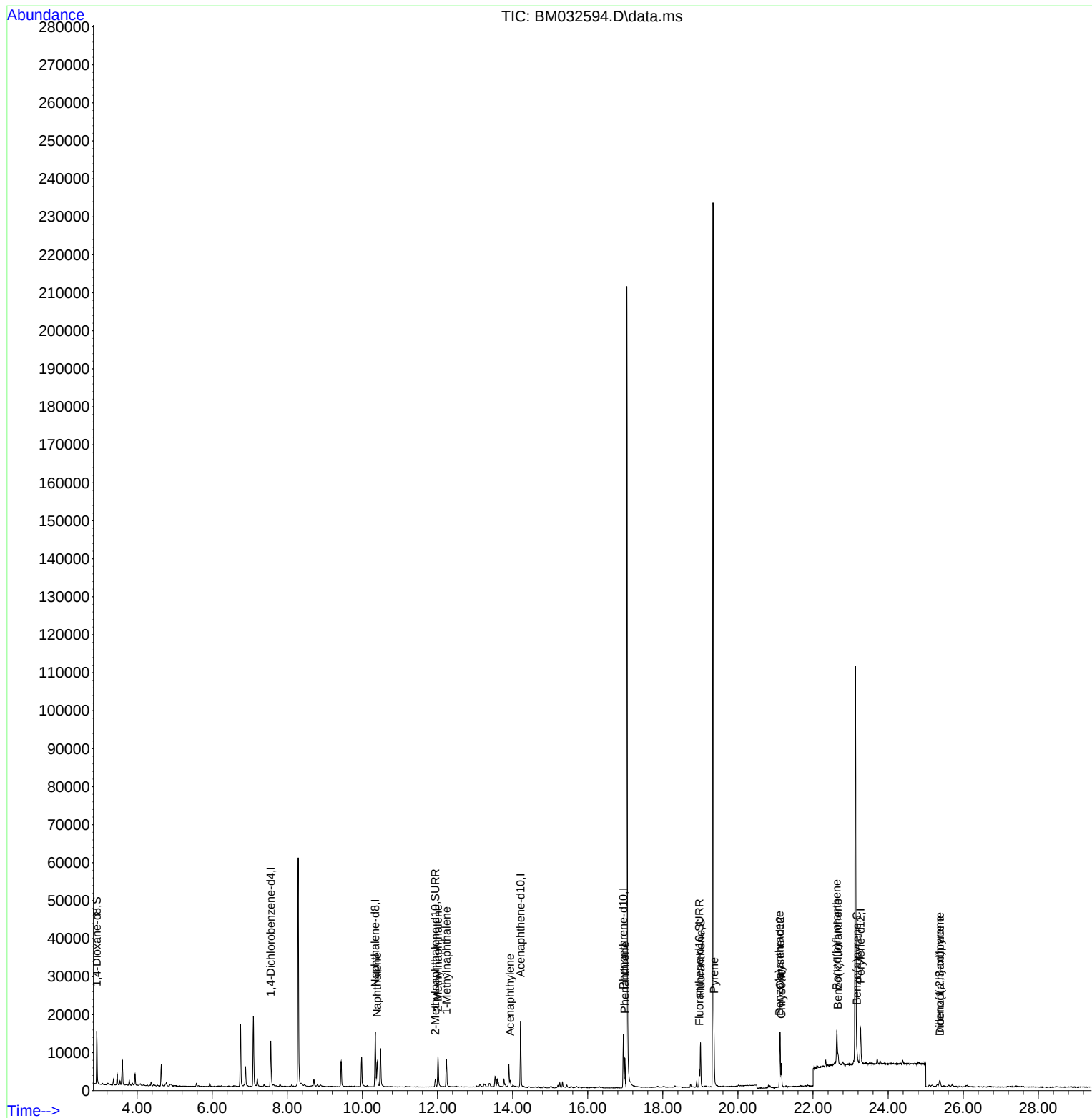
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Data File : BM032594.D
Acq On : 19 Oct 2021 21:12
Operator : CG/JU
Sample : M4181-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

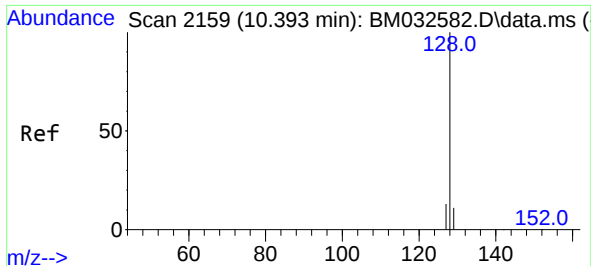
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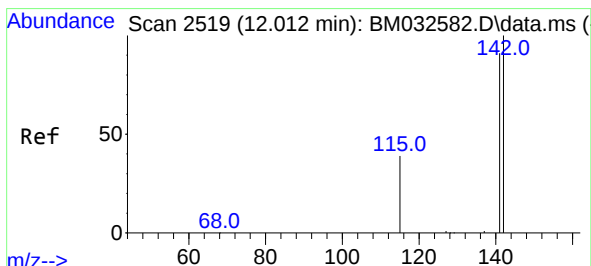
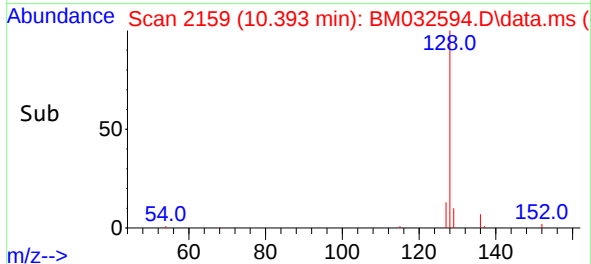
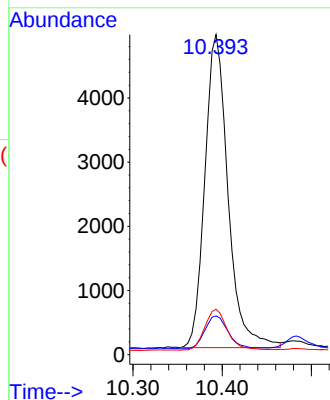
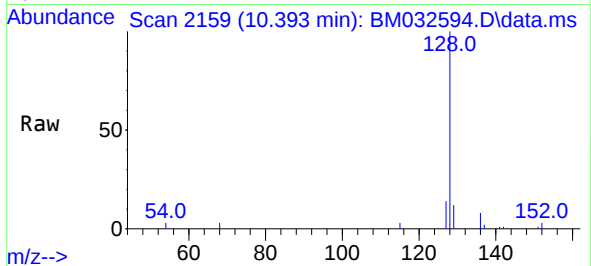
#5
Naphthalene
Concen: 0.15 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion:	128	Resp:	8823
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.1	13.7
127	14.2	11.1	16.7

Instrument :
BNA_M
ClientSampleId :
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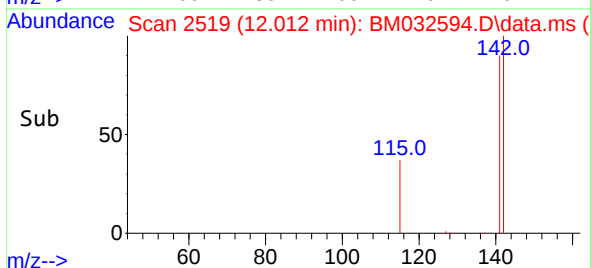
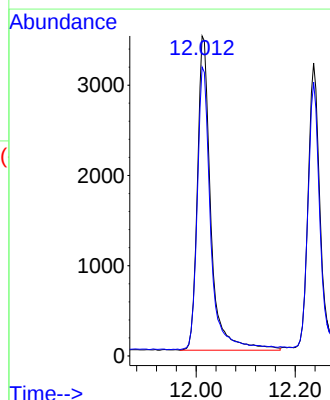
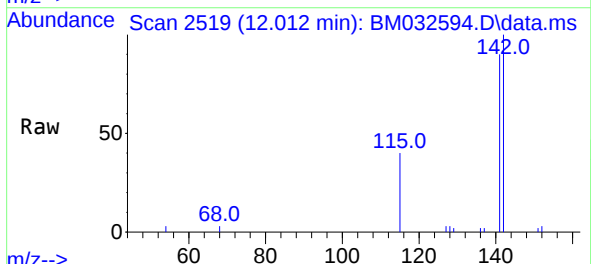
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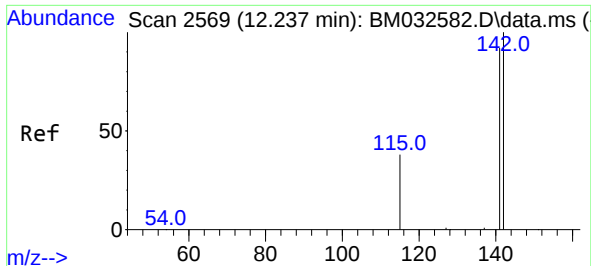
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#7
2-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion:	142	Resp:	6576
Ion Ratio	Lower	Upper	
142	100		
141	91.1	72.2	108.2





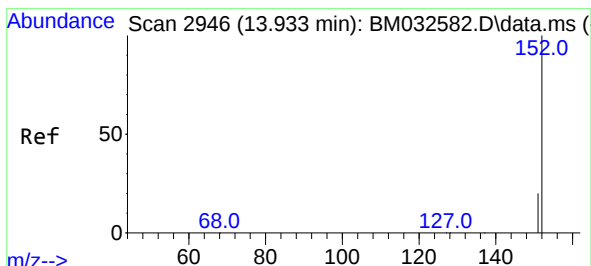
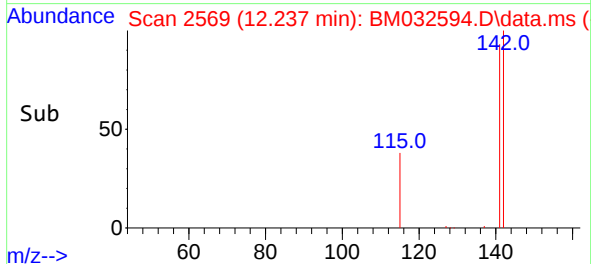
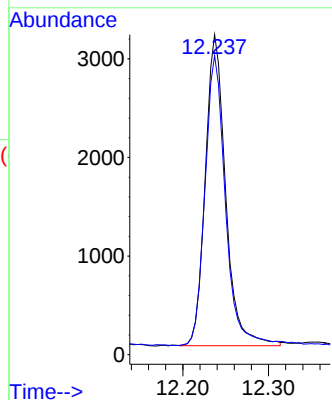
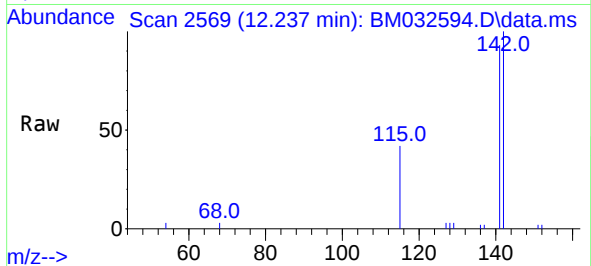
#8
1-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion:142 Resp: 5224
Ion Ratio Lower Upper
142 100
141 93.7 74.9 112.3

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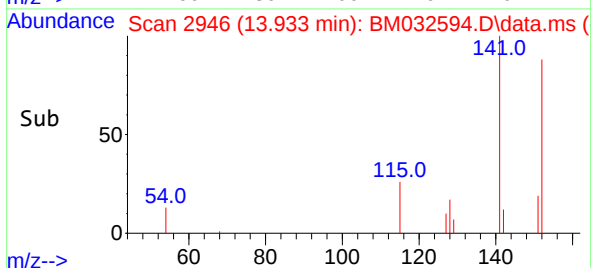
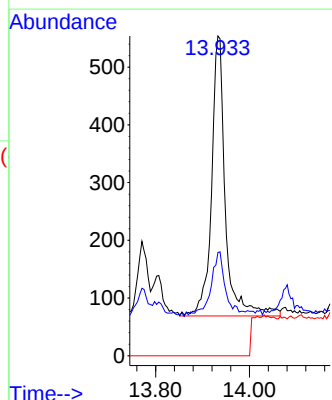
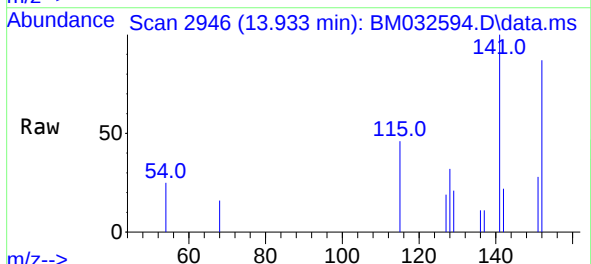
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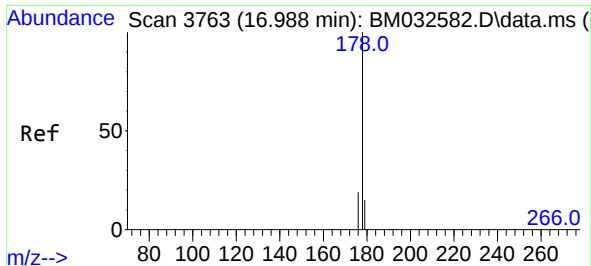
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#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

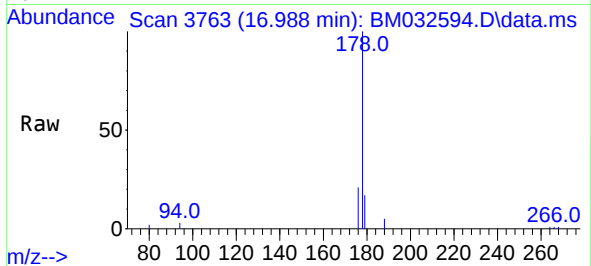
Tgt Ion:152 Resp: 953
Ion Ratio Lower Upper
152 100
151 32.3 16.7 25.1#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.15 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

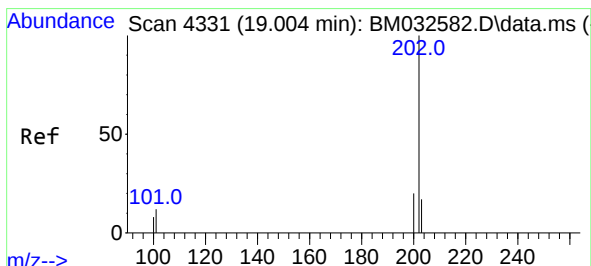
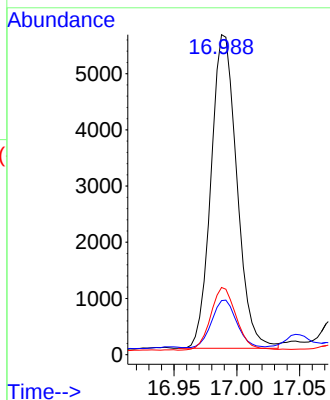
Instrument :
BNA_M
ClientSampled :
C0B17



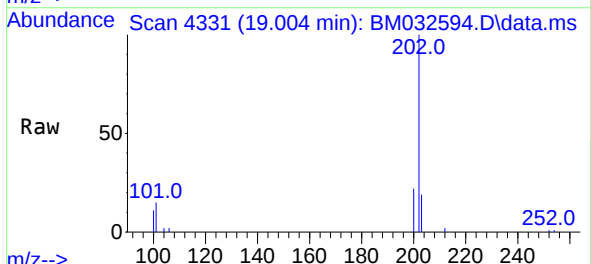
Tgt Ion:	178	Resp:	7992
Ion Ratio	100	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	21.0	16.1	24.1

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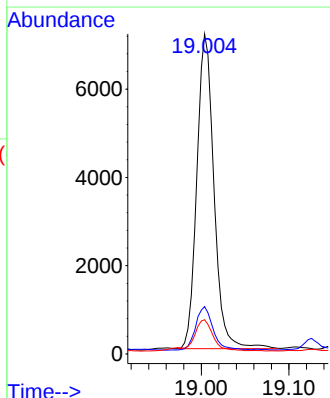
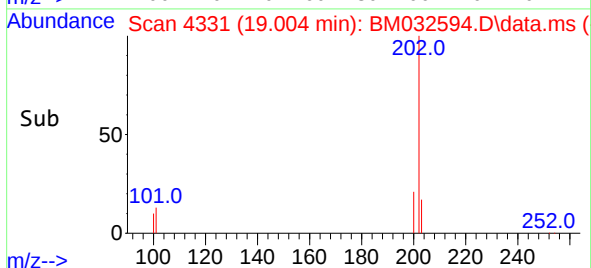
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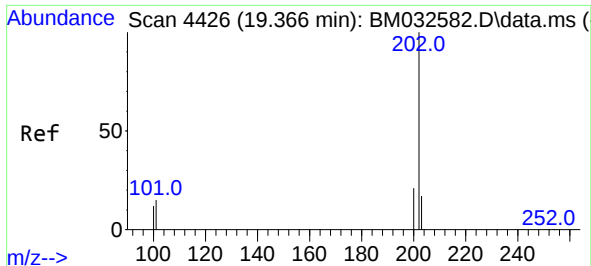


#19
Fluoranthene
Concen: 0.18 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

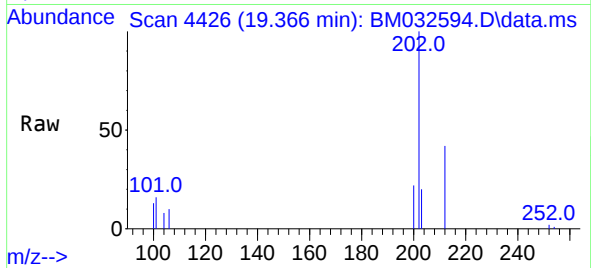


Tgt Ion:	202	Resp:	9717
Ion Ratio	100	Lower	Upper
202	100		
101	14.8	10.6	16.0
100	10.7	7.8	11.8

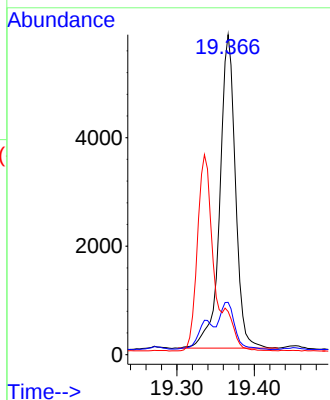




#20
Pyrene
Concen: 0.14 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12



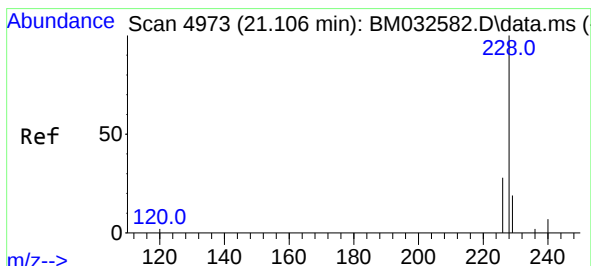
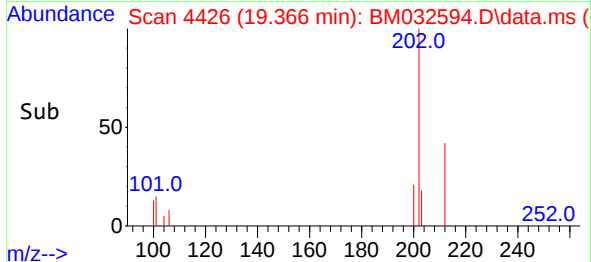
Tgt Ion:202 Resp: 8093
Ion Ratio Lower Upper
202 100
101 16.3 12.3 18.5
100 13.5 10.1 15.1



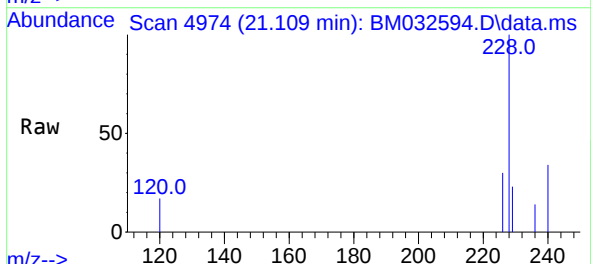
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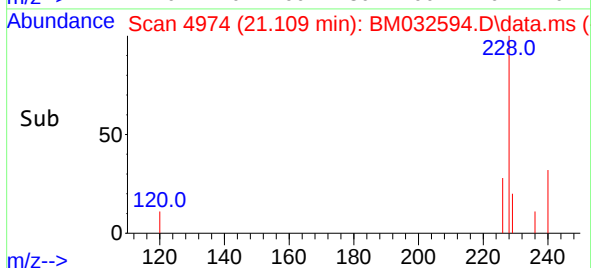
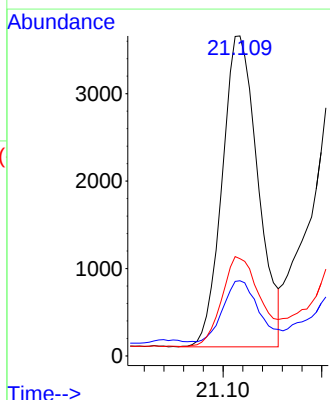
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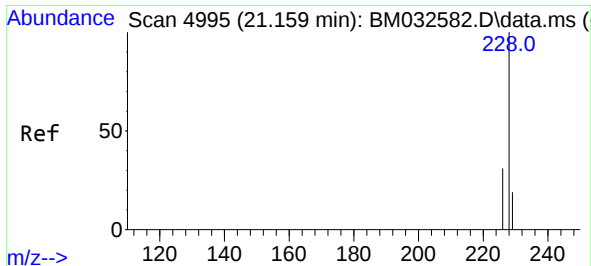


#21
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. 0.002 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

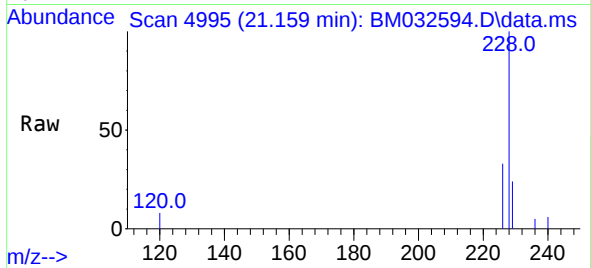


Tgt Ion:228 Resp: 4482
Ion Ratio Lower Upper
228 100
229 23.5 15.9 23.9
226 30.4 22.4 33.6

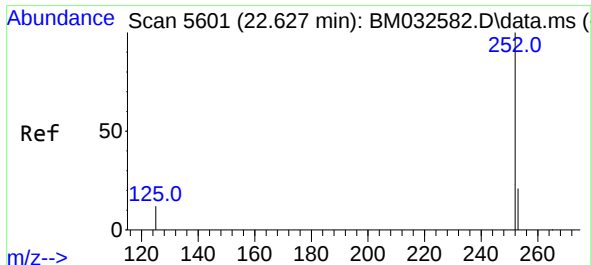
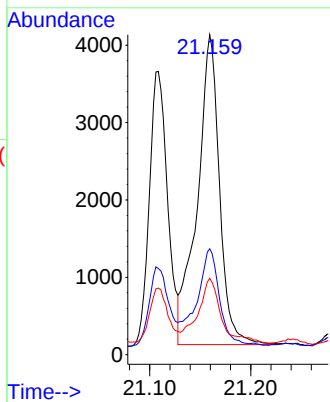
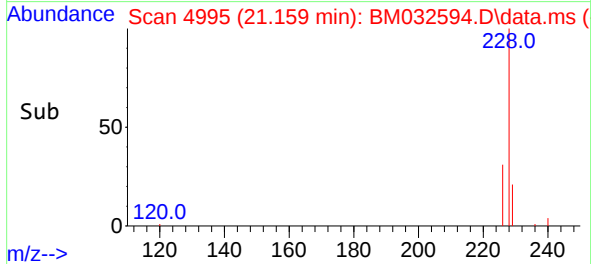




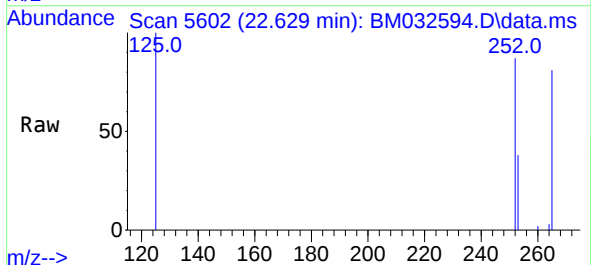
#22
Chrysene
Concen: 0.13 ng/ul m
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12



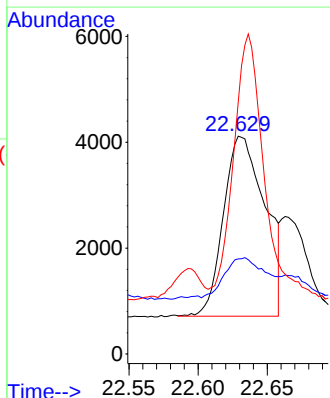
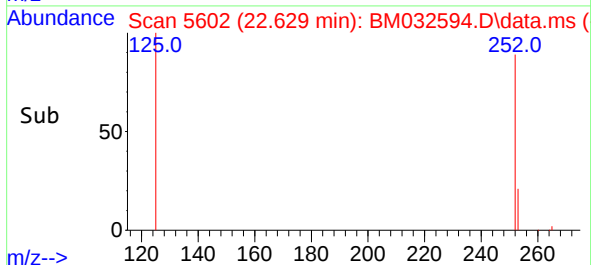
Tgt Ion:228 Resp: 6133
Ion Ratio Lower Upper
228 100
226 33.1 25.1 37.7
229 23.9 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12



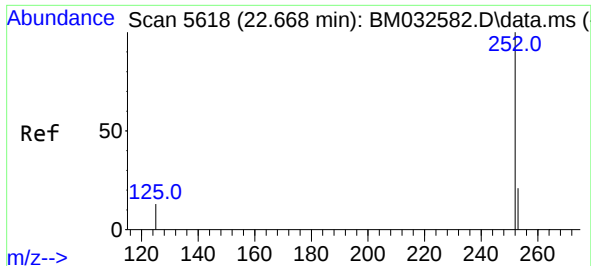
Tgt Ion:252 Resp: 7112
Ion Ratio Lower Upper
252 100
253 43.6 0.0 53.8
125 115.5 0.0 35.6#



Instrument :
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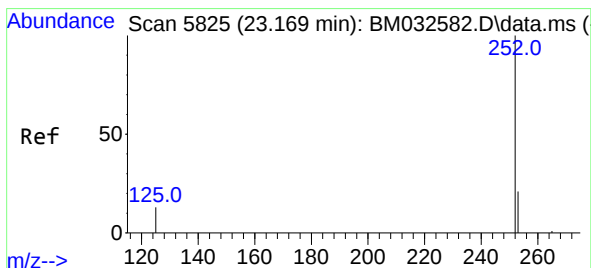
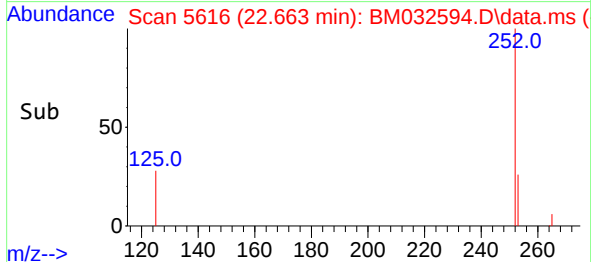
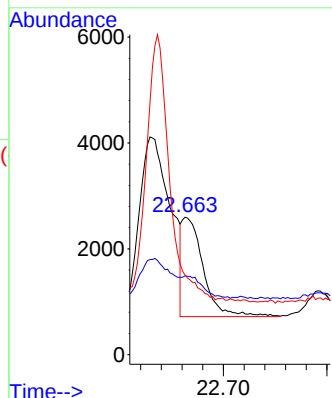
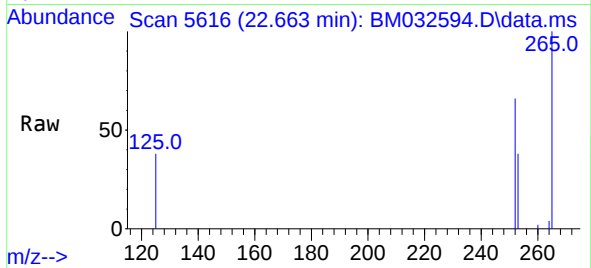
#25
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.005 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion:252 Resp: 2672
Ion Ratio Lower Upper
252 100
253 57.4 21.8 32.6#
125 58.0 14.4 21.6#

Instrument :
BNA_M
ClientSampled :
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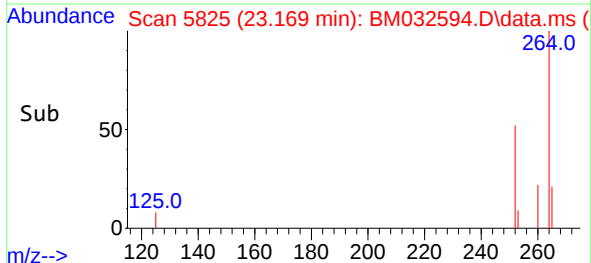
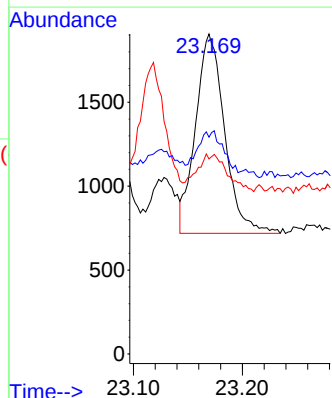
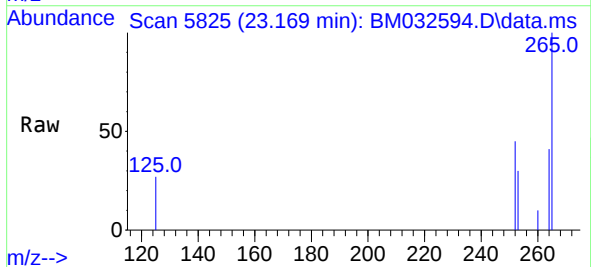
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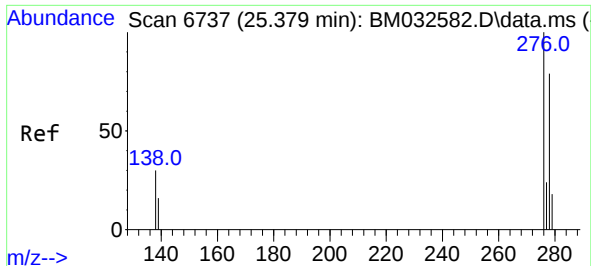
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#26
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion:252 Resp: 2203
Ion Ratio Lower Upper
252 100
253 67.8 23.6 35.4#
125 60.9 17.1 25.7#





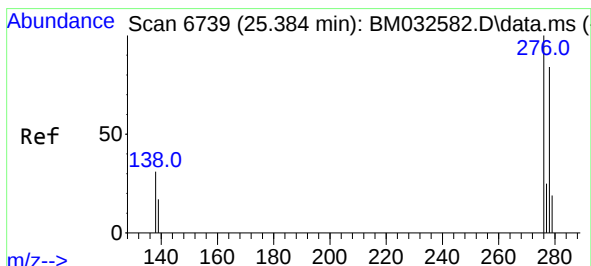
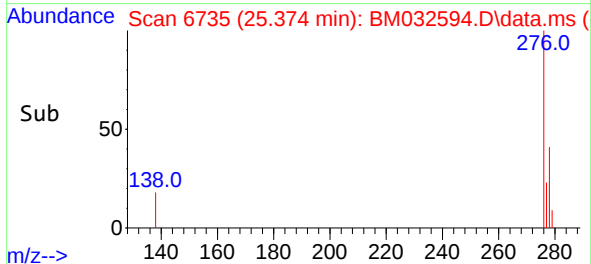
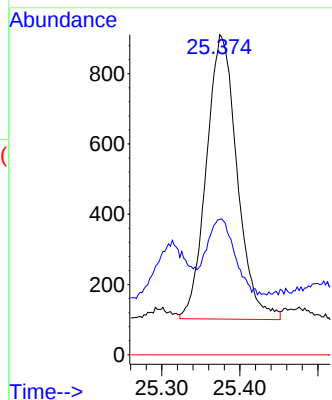
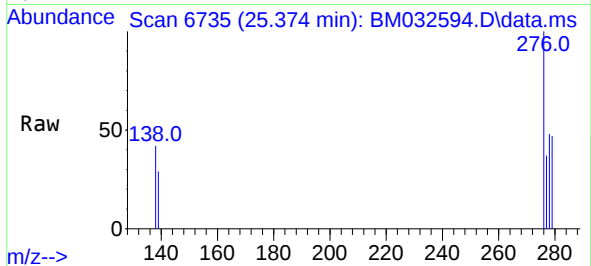
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.005 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion: 276 Resp: 2211
Ion Ratio Lower Upper
276 100
138 25.0 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
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#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. -0.005 min
Lab File: BM032594.D
Acq: 19 Oct 2021 21:12

Tgt Ion: 278 Resp: 994
Ion Ratio Lower Upper
278 100
139 57.0 18.6 28.0#
279 97.5 22.0 33.0#

