

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032591.D
 Acq On : 19 Oct 2021 19:24
 Operator : CG/JU
 Sample : M4181-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B09

Manual Integrations
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Quant Time: Oct 20 02:56:42 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	5719	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	16924	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7475	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	13508	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	10528	0.40	ng/ul	0.00
23) Perylene-d12	23.269	264	10101	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.930	96	2528	0.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2000	0.09	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3175	0.10	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	4585	0.09	ng/ul	96
7) 2-Methylnaphthalene	12.017	142	2640	0.08	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	2184	0.07	ng/ul	100
10) Acenaphthylene	13.933	152	4389	0.14	ng/ul	98
11) Acenaphthene	14.278	153	1074	0.04	ng/ul	97
12) Fluorene	15.263	166	2973	0.09	ng/ul#	98
15) Phenanthrene	16.991	178	85996	1.89	ng/ul	99
16) Anthracene	17.078	178	18386	0.46	ng/ul	99
19) Fluoranthene	19.004	202	137046	2.63	ng/ul	100
20) Pyrene	19.366	202	63663	1.19	ng/ul	99
21) Benzo(a)anthracene	21.111	228	47866	1.16	ng/ul	100
22) Chrysene	21.162	228	46295	1.02	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	52247m	1.12	ng/ul	
25) Benzo(k)fluoranthene	22.668	252	22083m	0.48	ng/ul	
26) Benzo(a)pyrene	23.174	252	10835	0.28	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.379	276	11677	0.24	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.379	278	6341	0.17	ng/ul#	86

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

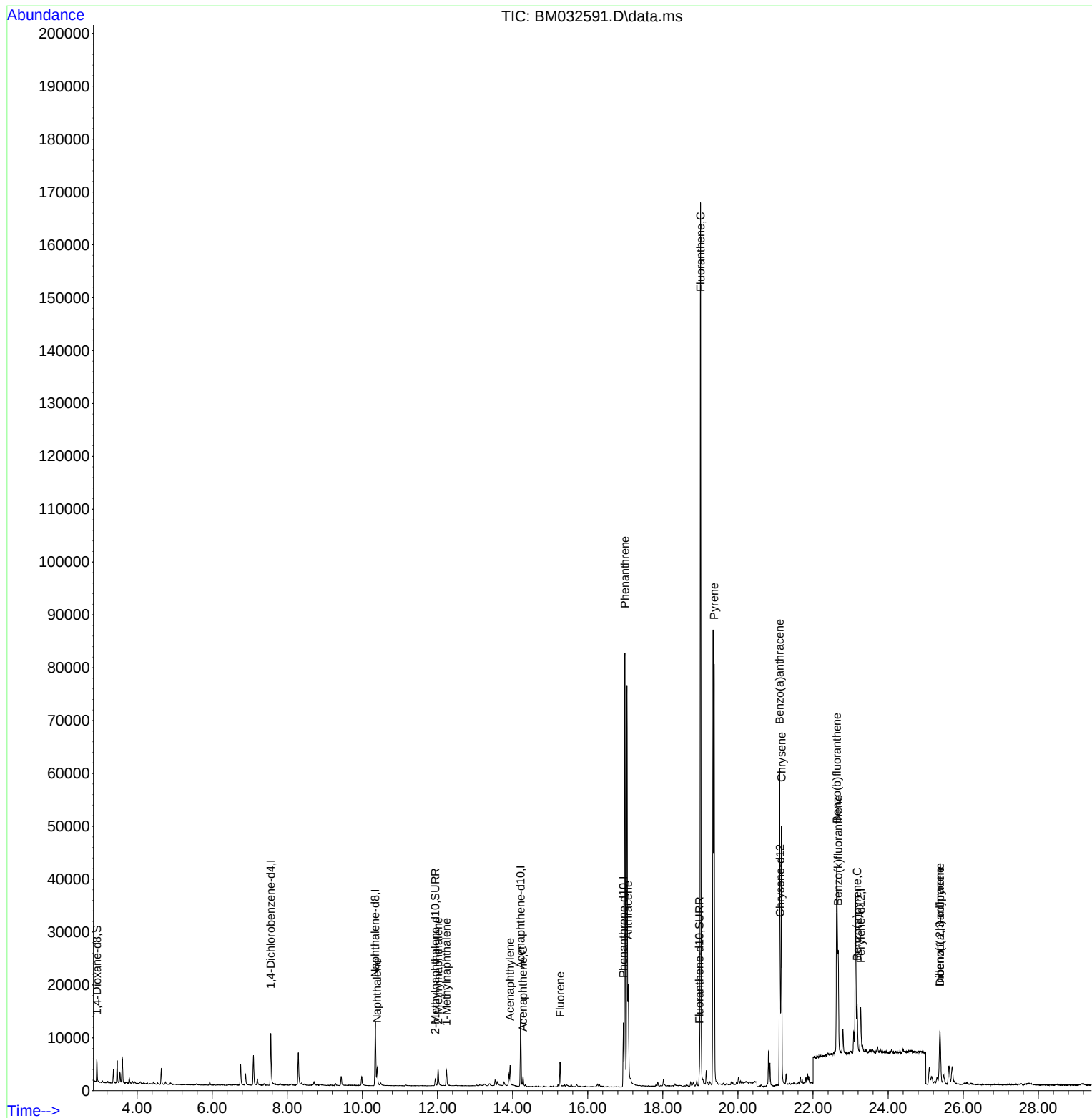
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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ALS Vial : 11 Sample Multiplier: 1

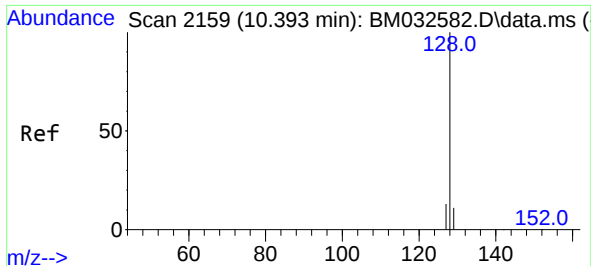
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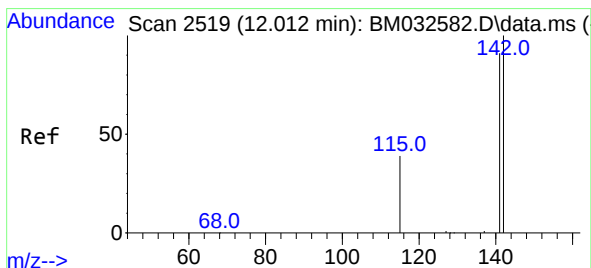
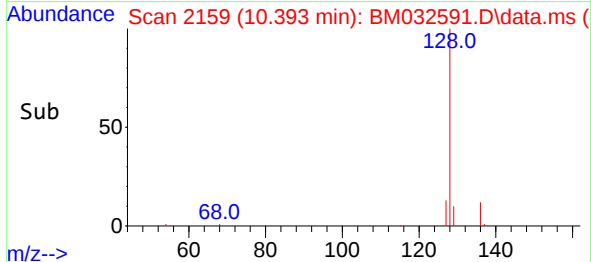
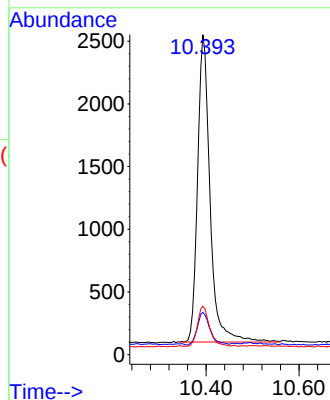
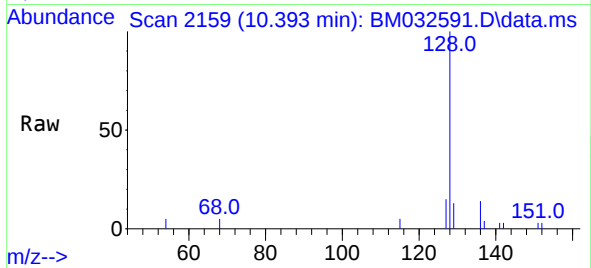
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	15.1	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C0B09

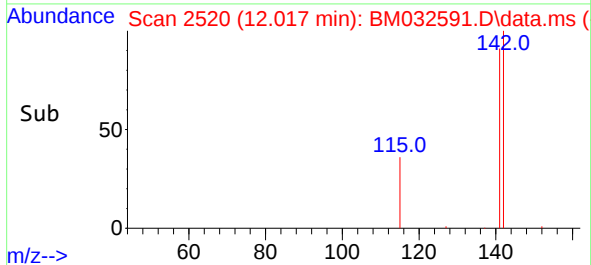
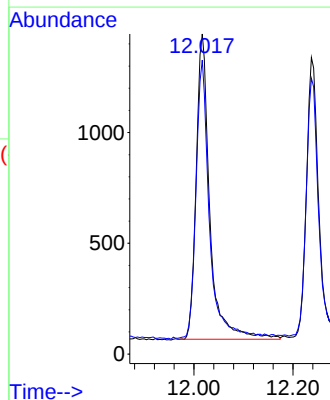
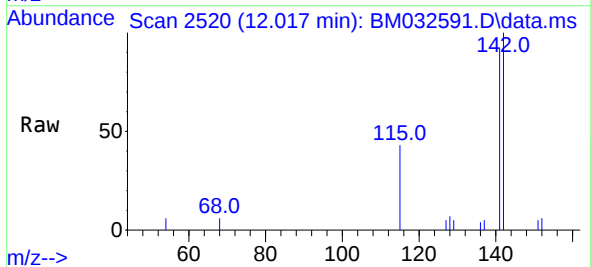
Manual Integrations
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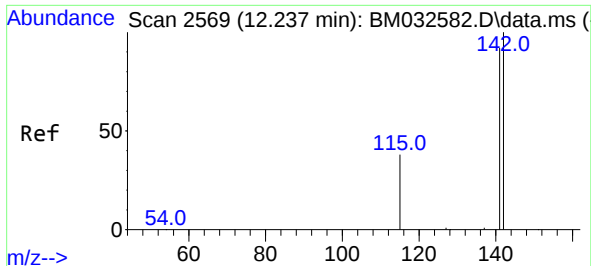
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#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.004 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.2





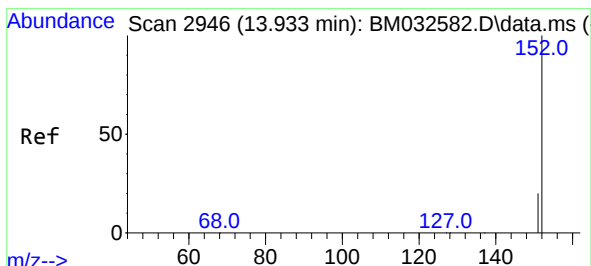
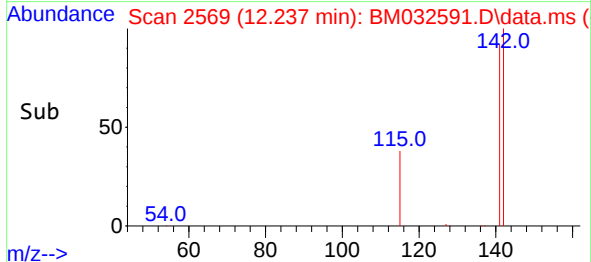
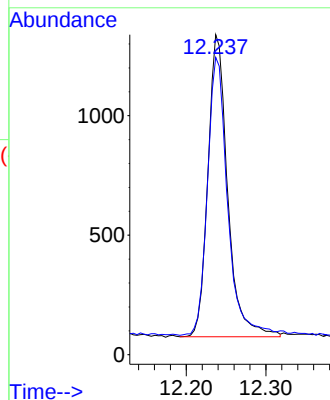
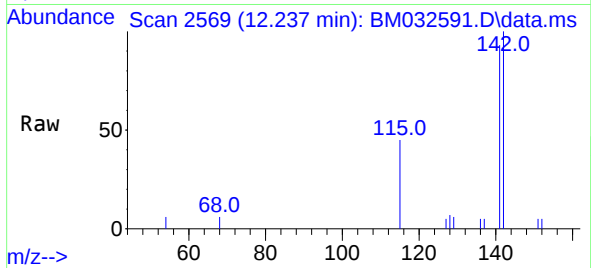
#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion:142 Resp: 2184
Ion Ratio Lower Upper
142 100
141 93.4 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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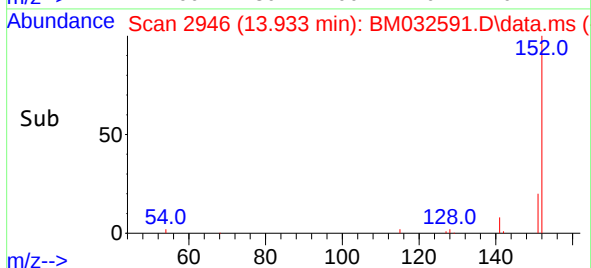
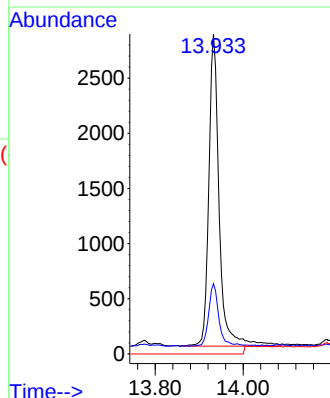
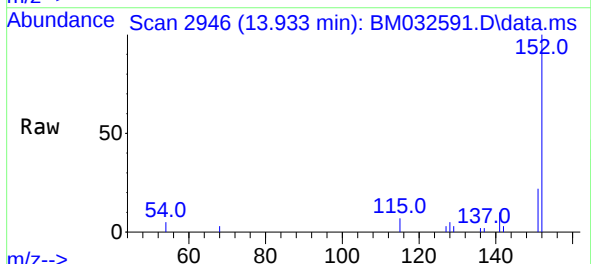
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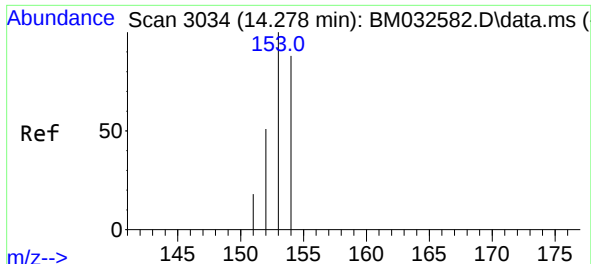
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#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

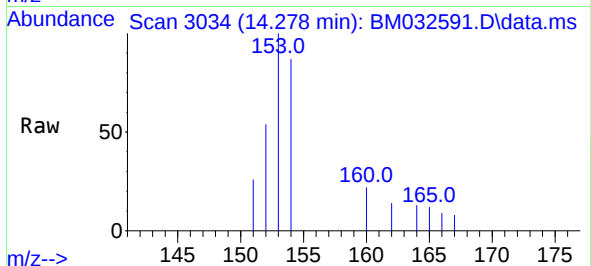
Tgt Ion:152 Resp: 4389
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

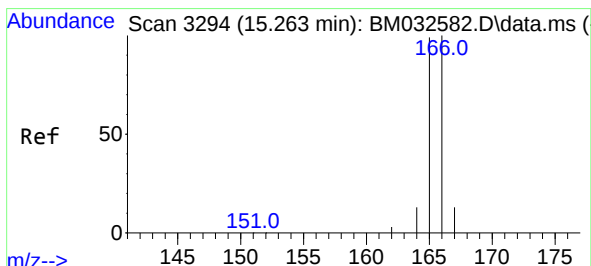
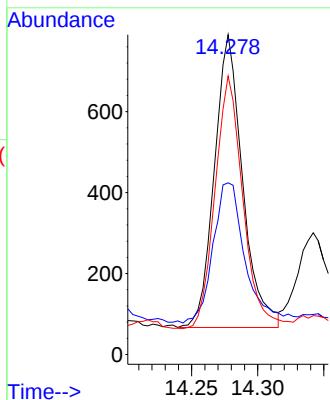
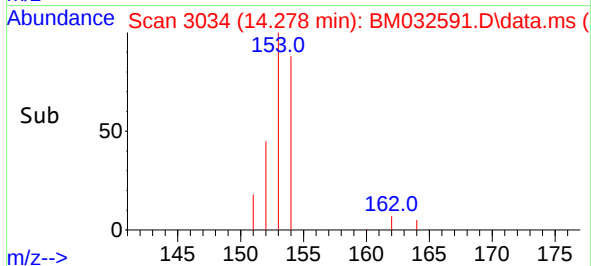
Instrument :
BNA_M
ClientSampleId :
C0B09



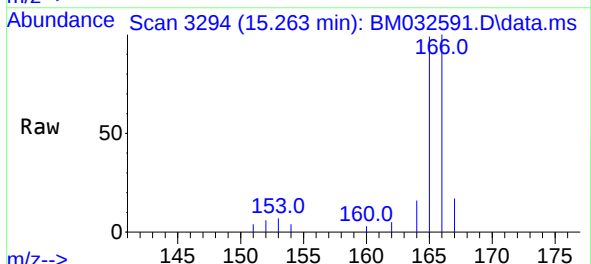
Tgt Ion:153 Resp: 1074
Ion Ratio Lower Upper
153 100
152 53.7 40.4 60.6
154 87.1 70.8 106.2

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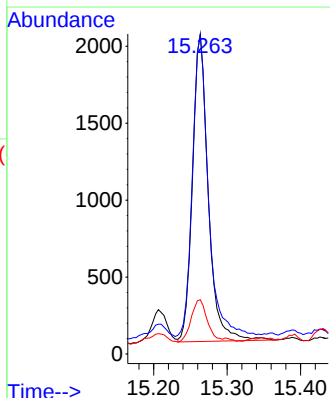
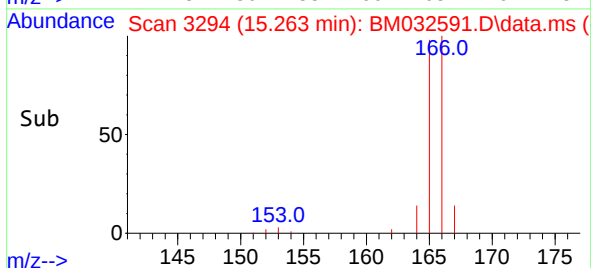
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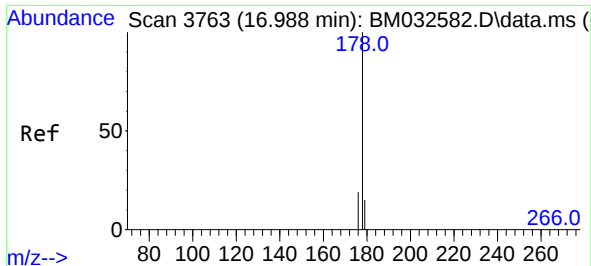


#12
Fluorene
Concen: 0.09 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24



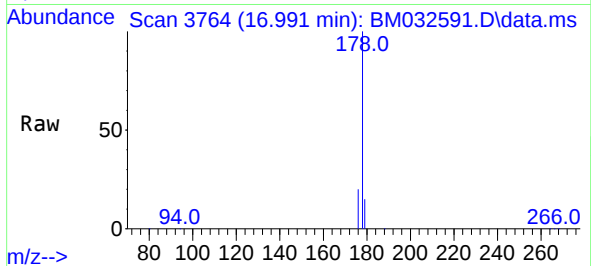
Tgt Ion:166 Resp: 2973
Ion Ratio Lower Upper
166 100
165 99.5 80.7 121.1
167 17.0 11.2 16.8#





#15
Phenanthrene
Concen: 1.89 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. 0.003 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

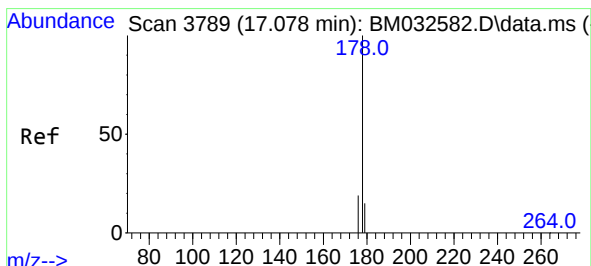
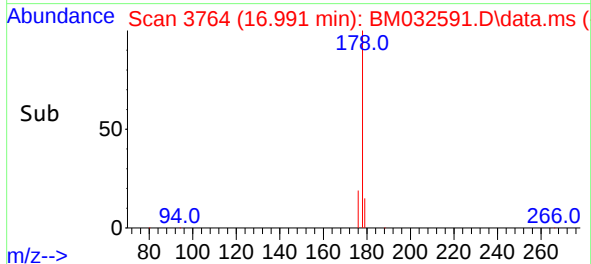
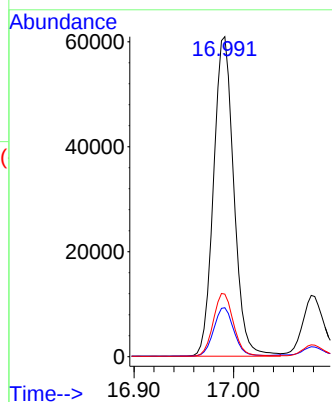
Instrument :
BNA_M
ClientSampleId :
C0B09



Tgt Ion:178 Resp: 85996
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.6 16.1 24.1

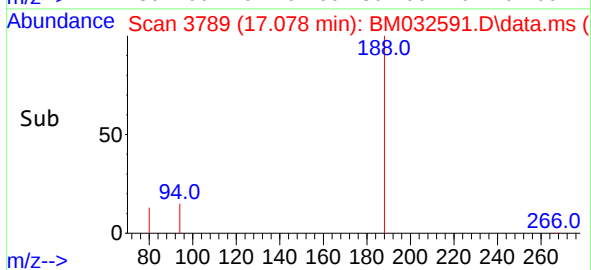
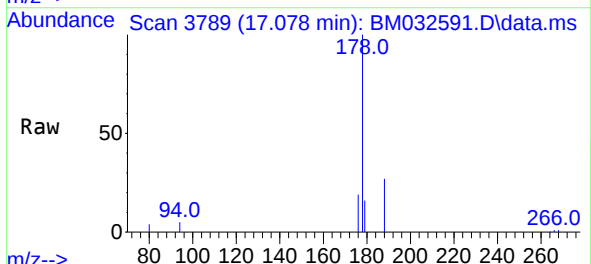
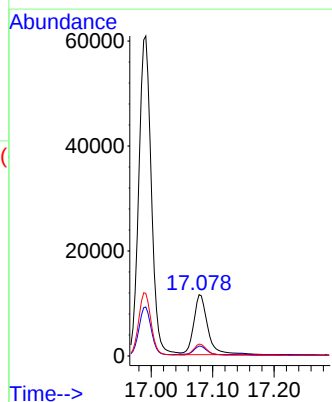
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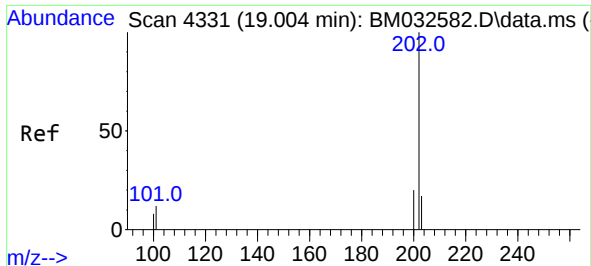
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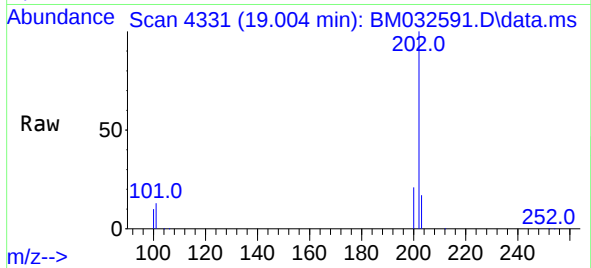
#16
Anthracene
Concen: 0.46 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion:178 Resp: 18386
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.3 15.8 23.6

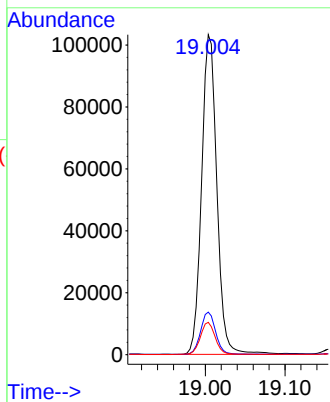
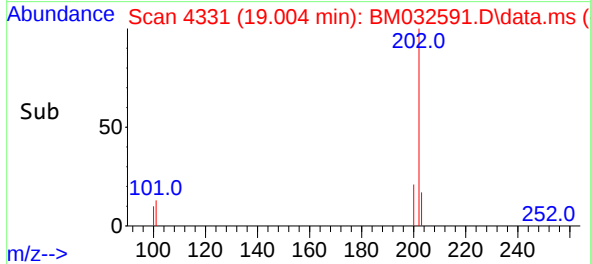




#19
Fluoranthene
Concen: 2.63 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24



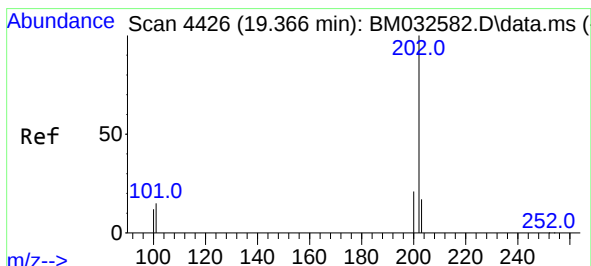
Tgt Ion:202 Resp: 137046
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.1 7.8 11.8



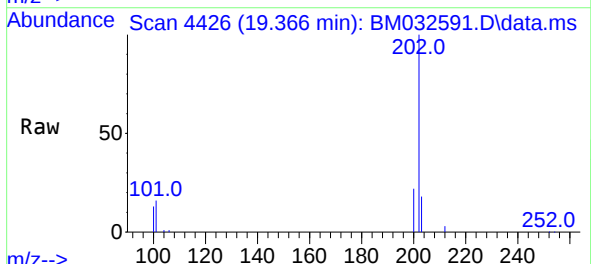
Instrument :
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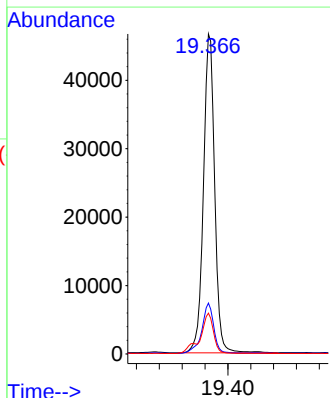
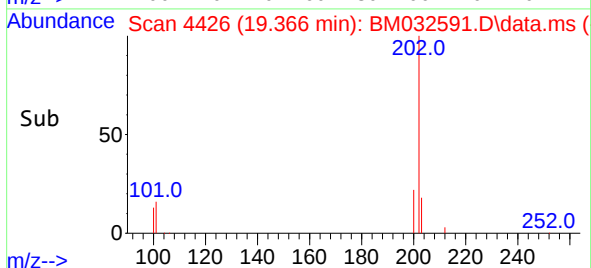
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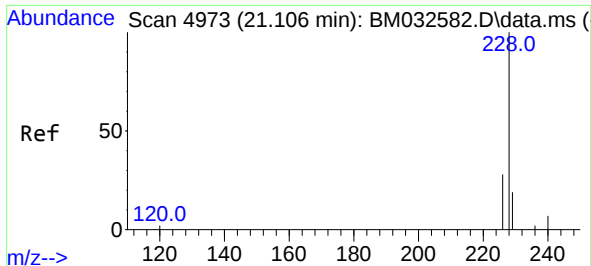


#20
Pyrene
Concen: 1.19 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24



Tgt Ion:202 Resp: 63663
Ion Ratio Lower Upper
202 100
101 15.9 12.3 18.5
100 12.8 10.1 15.1





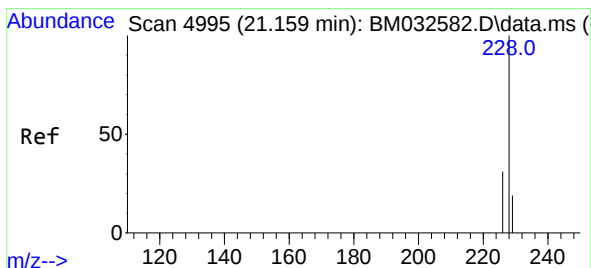
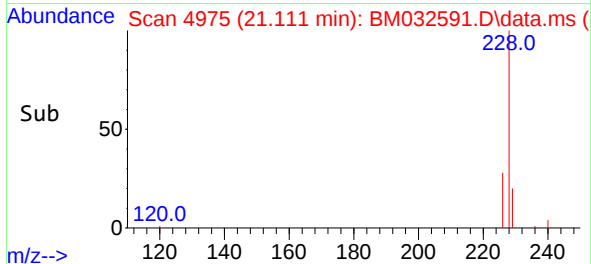
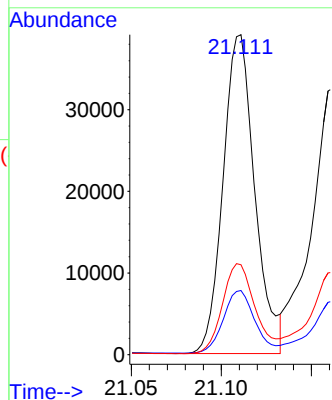
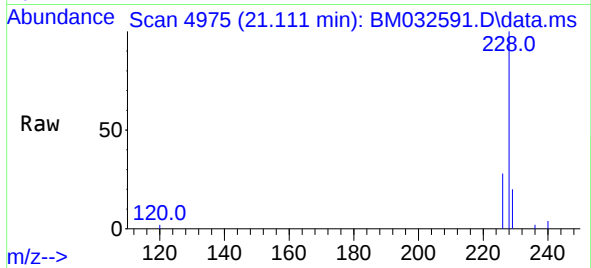
#21
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.111 min Scan# 4975
Delta R.T. 0.005 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion:	228	Resp:	47866
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.9	23.9
226	28.1	22.4	33.6

Instrument :
BNA_M
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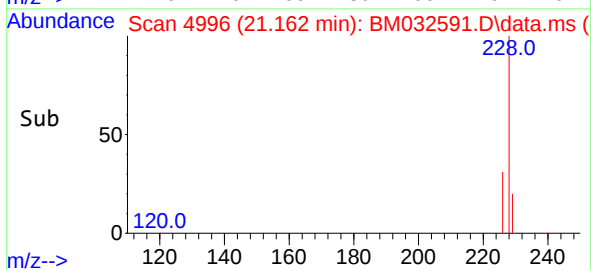
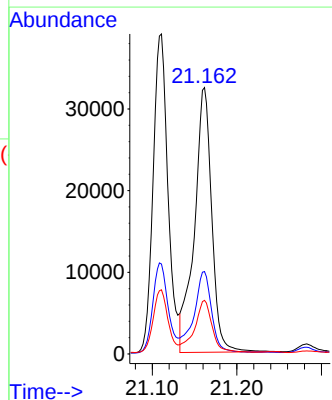
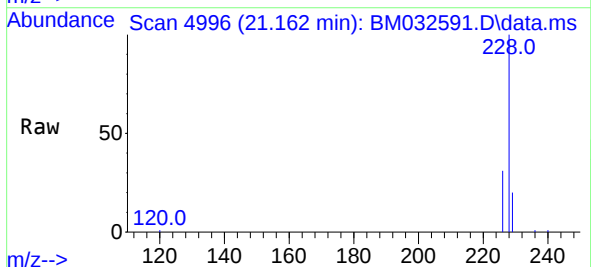
Manual Integrations
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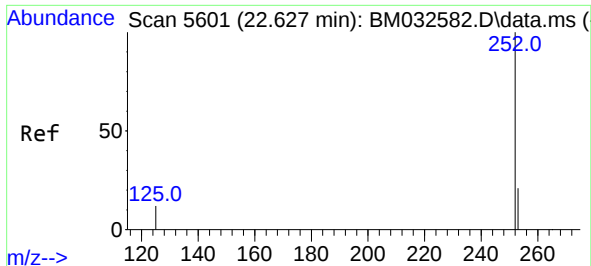
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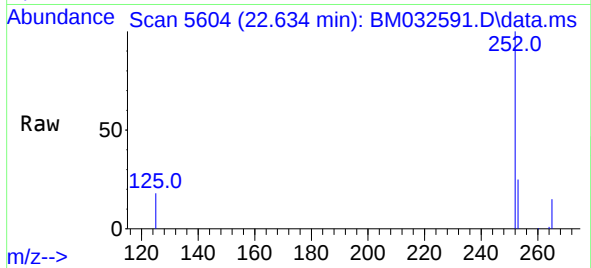
#22
Chrysene
Concen: 1.02 ng/ul
RT: 21.162 min Scan# 4996
Delta R.T. 0.002 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion:	228	Resp:	46295
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.1	37.7
229	20.1	15.7	23.5

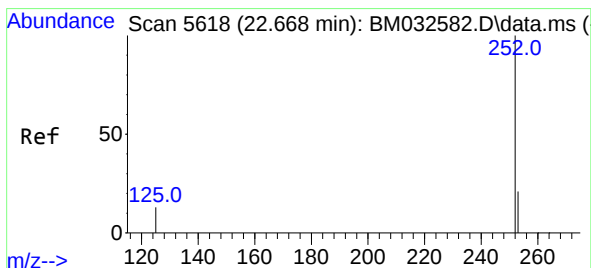
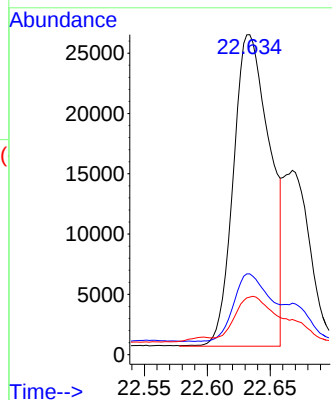
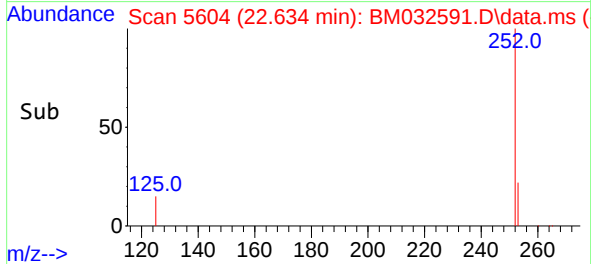




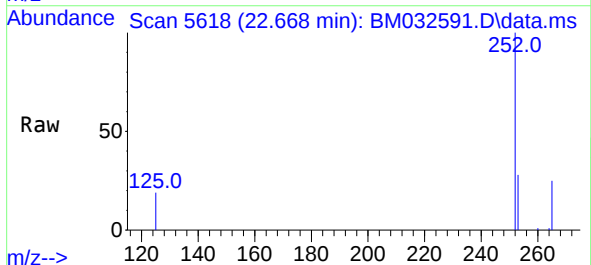
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Benzo(b)fluoranthene
Concen: 1.12 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. 0.007 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24



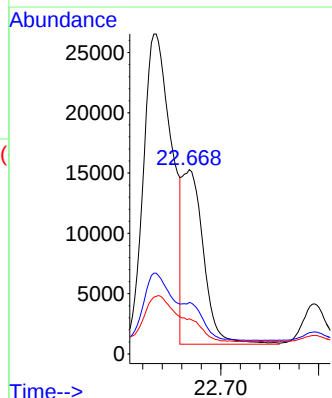
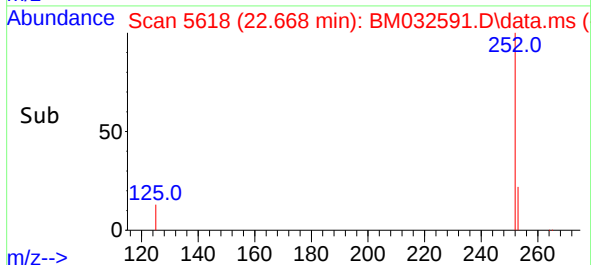
Tgt Ion:252 Resp: 52247
Ion Ratio Lower Upper
252 100
253 25.3 0.0 53.8
125 18.0 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.48 ng/ul m
RT: 22.668 min Scan# 5618
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24



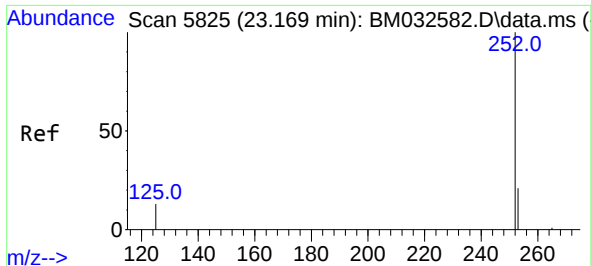
Tgt Ion:252 Resp: 22083
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.6
125 19.1 14.4 21.6



Instrument :
BNA_M
ClientSampleId :
C0B09

Manual Integrations
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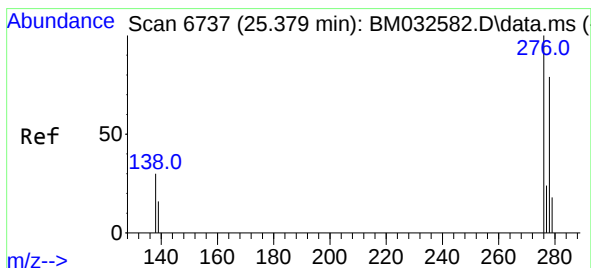
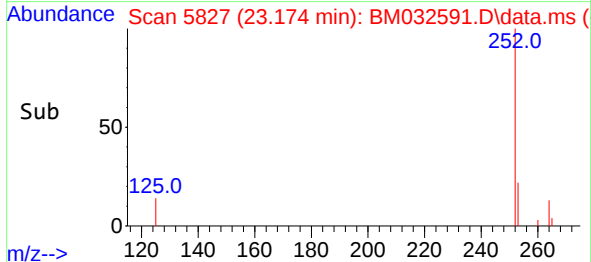
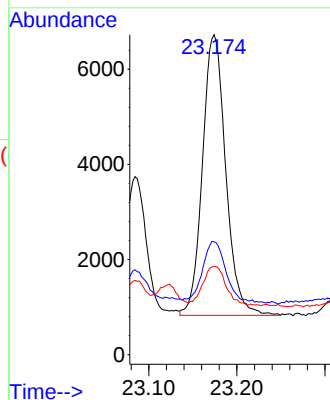
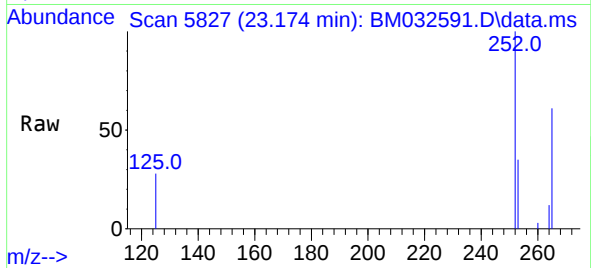
#26
Benzo(a)pyrene
Concen: 0.28 ng/ul
RT: 23.174 min Scan# 5827
Delta R.T. 0.005 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

Tgt Ion:	252	Resp:	10835
Ion Ratio	Lower	Upper	
252	100		
253	35.2	23.6	35.4
125	27.6	17.1	25.7#

Instrument :
BNA_M
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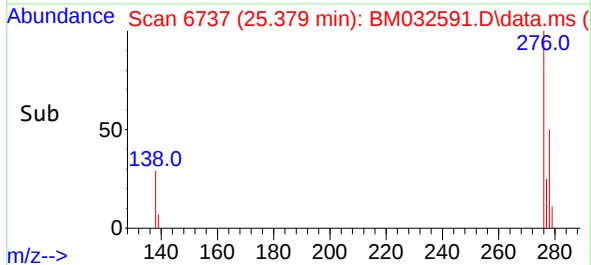
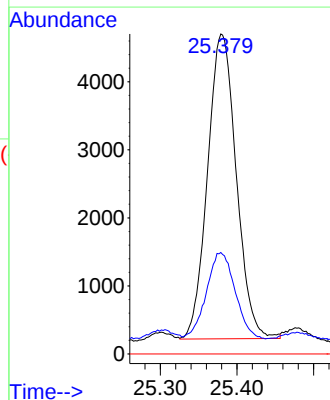
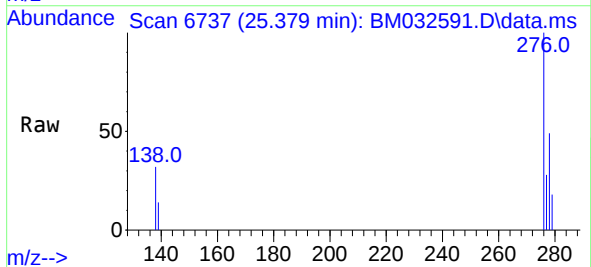
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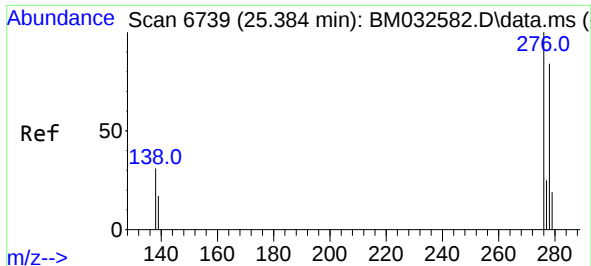
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. -0.000 min
Lab File: BM032591.D
Acq: 19 Oct 2021 19:24

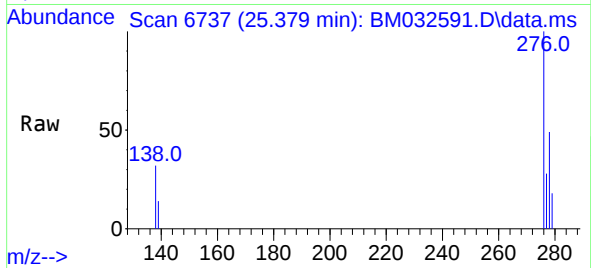
Tgt Ion:	276	Resp:	11677
Ion Ratio	Lower	Upper	
276	100		
138	29.2	24.9	37.3
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.17 ng/ul
 RT: 25.379 min Scan# 6737
 Delta R.T. -0.005 min
 Lab File: BM032591.D
 Acq: 19 Oct 2021 19:24

Instrument :
 BNA_M
 ClientSampleId :
 C0B09



Tgt Ion:278 Resp: 6341
 Ion Ratio Lower Upper
 278 100
 139 27.7 18.6 28.0
 279 37.3 22.0 33.0#

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