

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032588.D
 Acq On : 19 Oct 2021 17:35
 Operator : CG/JU
 Sample : M4181-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ1DL

Manual Integrations
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Quant Time: Oct 19 18:05:32 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	5961	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	19297	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9365	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	17023	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	11174	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	10343	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	2879	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	867	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1471	0.04	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.393	128	16244	0.28	ng/ul	99
7) 2-Methylnaphthalene	12.017	142	13967	0.36	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	11462	0.30	ng/ul	100
10) Acenaphthylene	13.933	152	5707	0.14	ng/ul	98
11) Acenaphthene	14.278	153	802	0.02	ng/ul#	91
12) Fluorene	15.264	166	1203	0.03	ng/ul#	80
15) Phenanthrene	16.988	178	26541	0.46	ng/ul	100
16) Anthracene	17.078	178	6947	0.14	ng/ul	96
19) Fluoranthene	19.004	202	49857	0.90	ng/ul	99
20) Pyrene	19.366	202	31722	0.56	ng/ul	98
21) Benzo(a)anthracene	21.106	228	27163	0.62	ng/ul	97
22) Chrysene	21.159	228	52528	1.09	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	76271m	1.60	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	26488m	0.56	ng/ul	
26) Benzo(a)pyrene	23.169	252	10613	0.26	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.379	276	13530	0.28	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.381	278	8126	0.21	ng/ul#	89

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

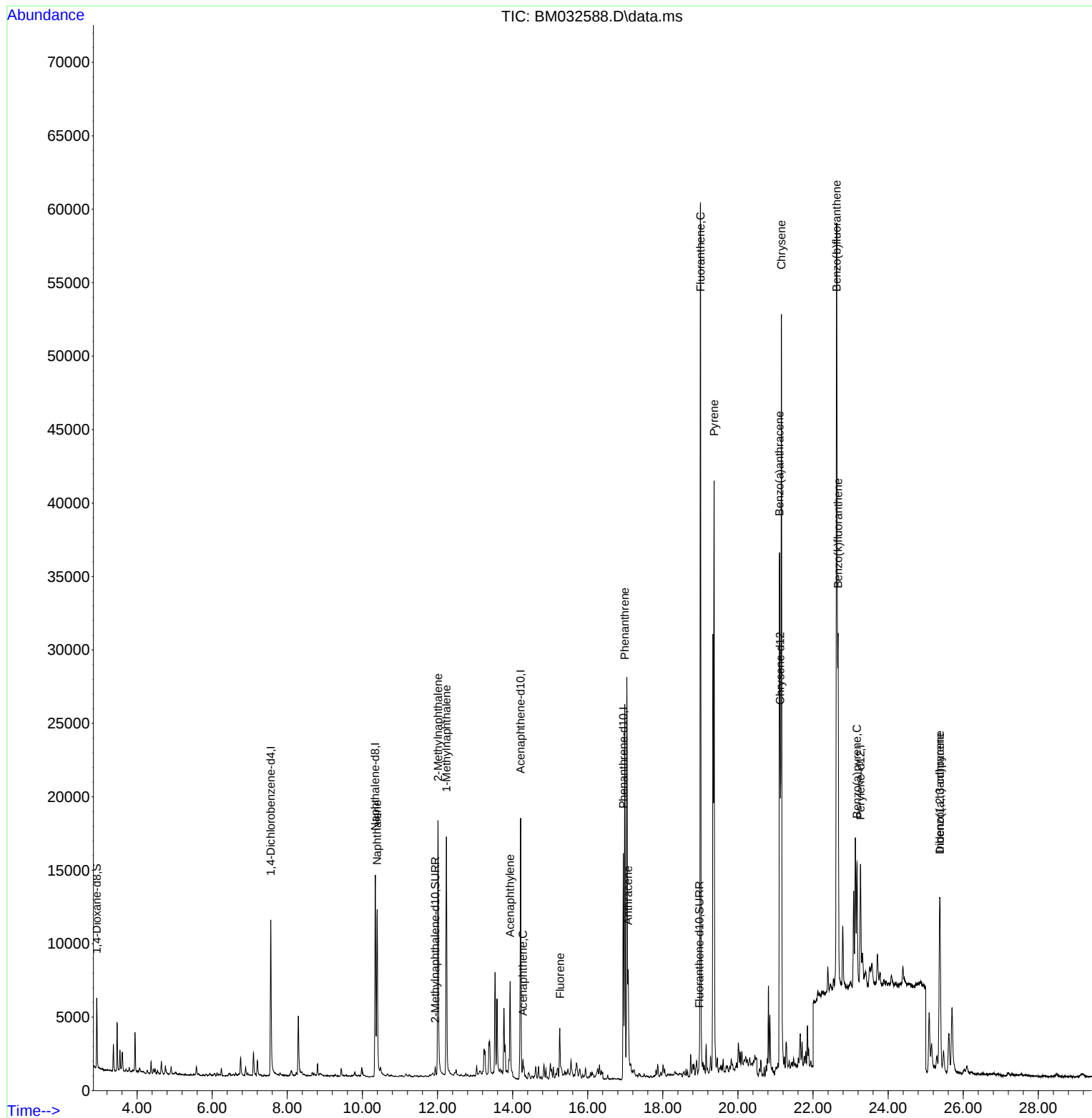
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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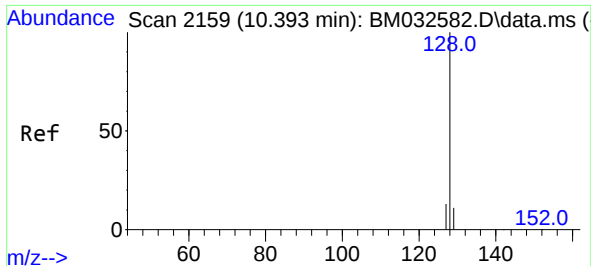
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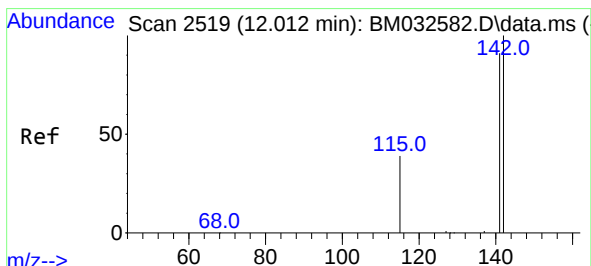
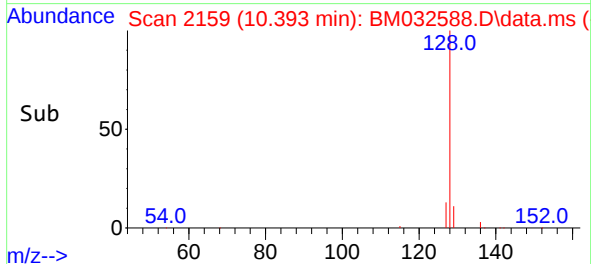
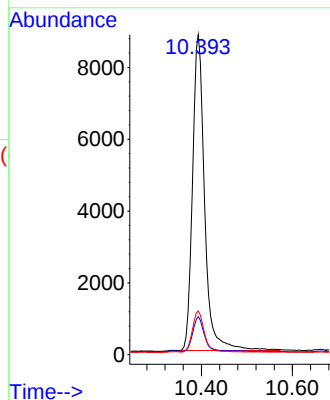
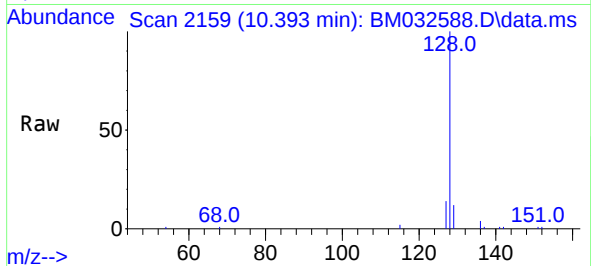
#5
Naphthalene
Concen: 0.28 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	128	Resp:	16244
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.1	13.7
127	13.7	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C0AZ1DL

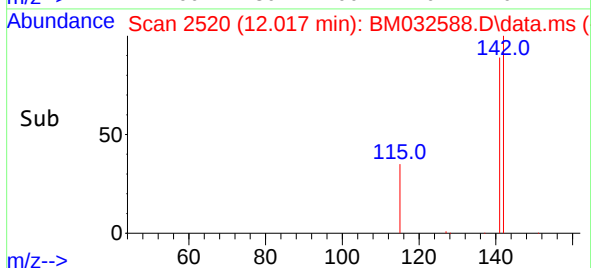
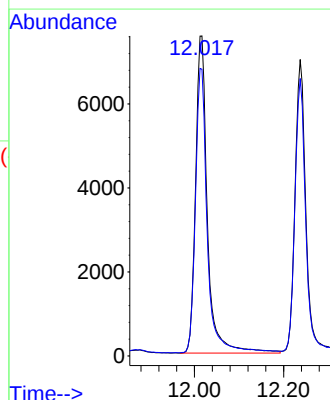
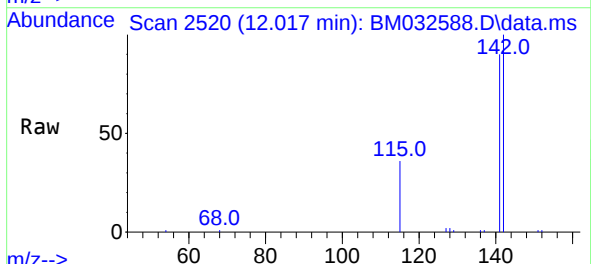
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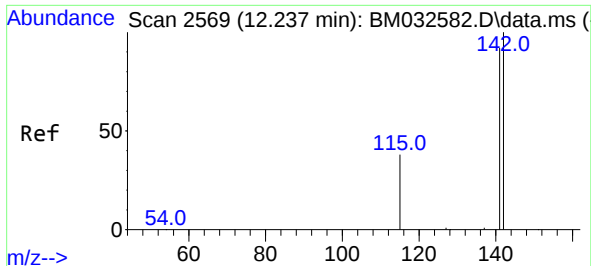
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#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	142	Resp:	13967
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.2	108.2





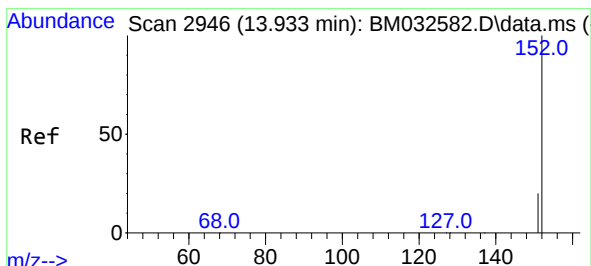
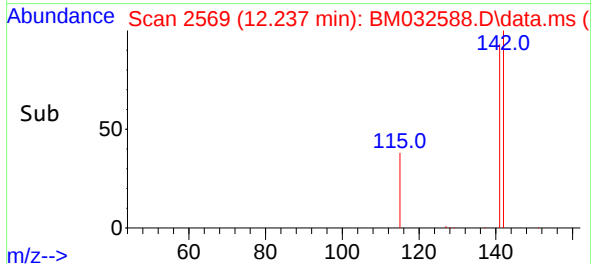
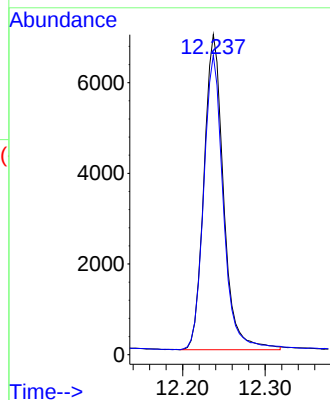
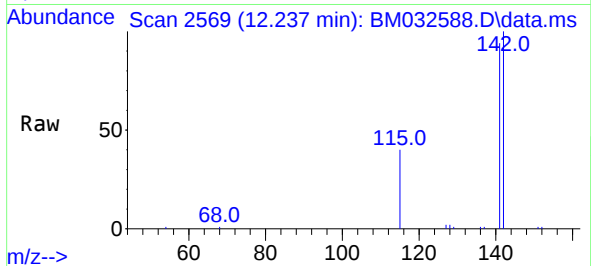
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1-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:142 Resp: 11462
Ion Ratio Lower Upper
142 100
141 93.6 74.9 112.3

Instrument :
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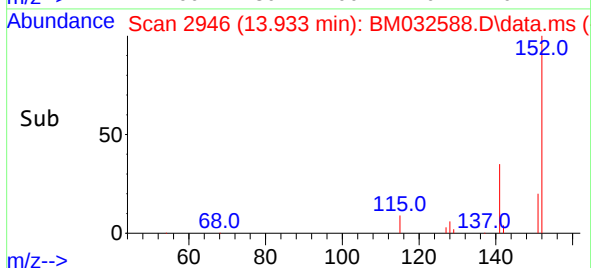
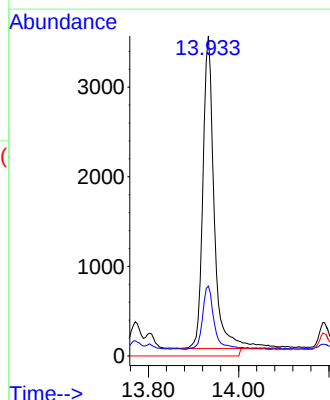
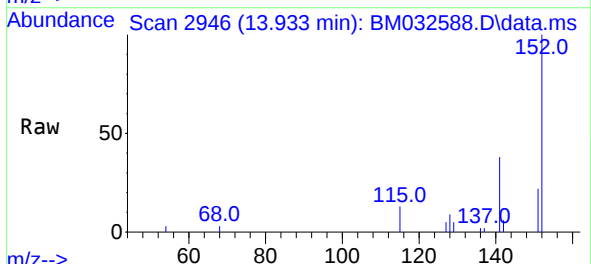
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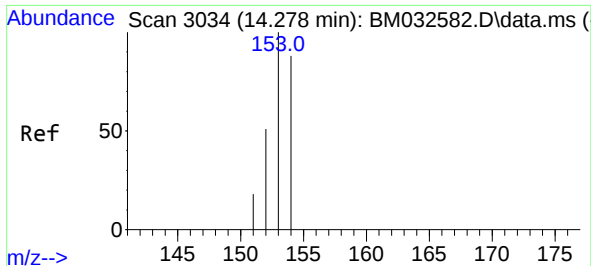
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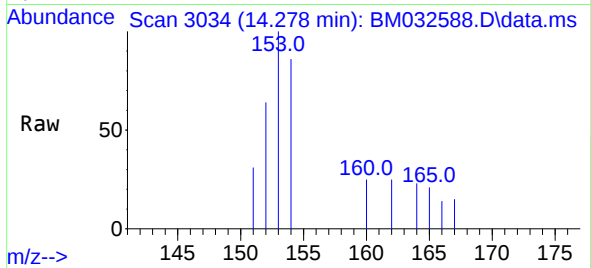
#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:152 Resp: 5707
Ion Ratio Lower Upper
152 100
151 21.9 16.7 25.1
153 0.0 0.0 0.0

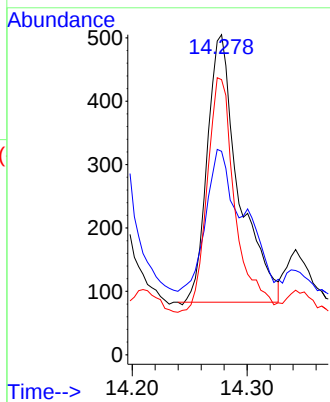
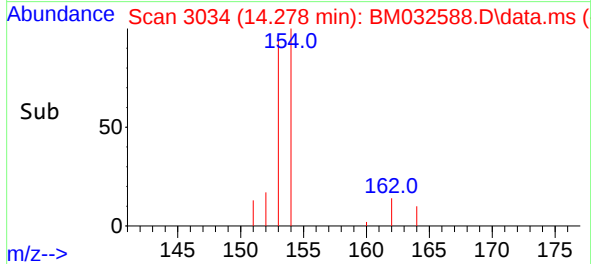




#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35



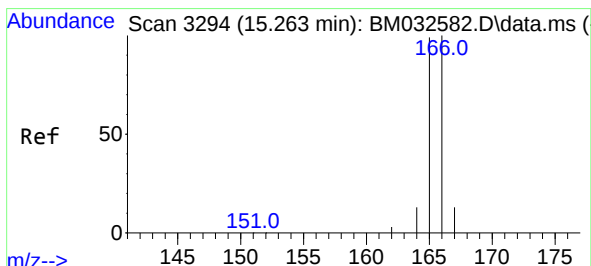
Tgt Ion:153 Resp: 802
Ion Ratio Lower Upper
153 100
152 63.6 40.4 60.6#
154 85.9 70.8 106.2



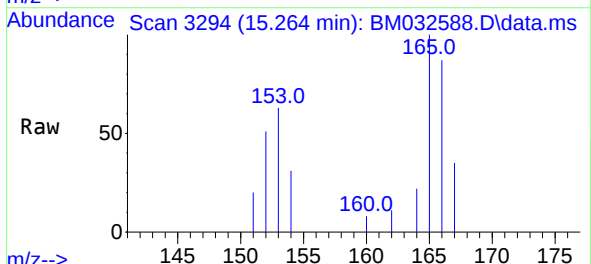
Instrument :
BNA_M
ClientSampleID :
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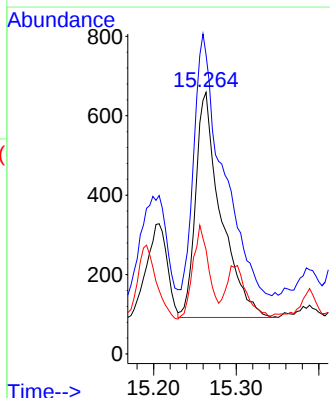
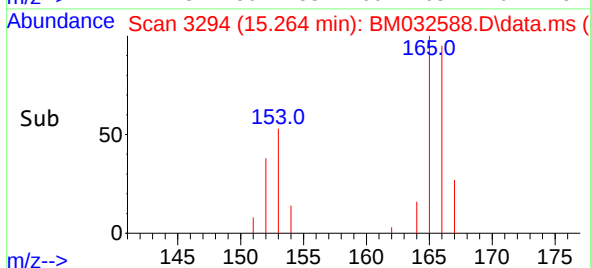
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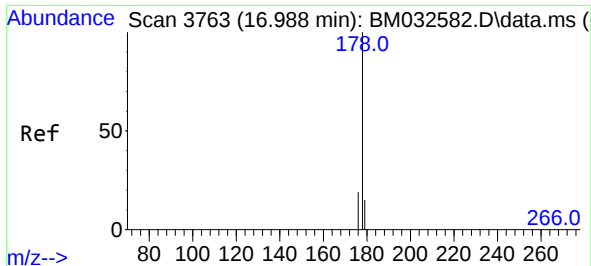


#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.264 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35



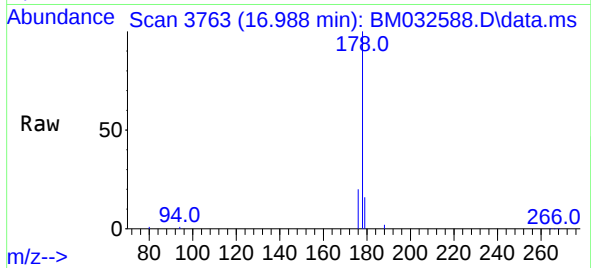
Tgt Ion:166 Resp: 1203
Ion Ratio Lower Upper
166 100
165 114.4 80.7 121.1
167 39.9 11.2 16.8#





#15
Phenanthrene
Concen: 0.46 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

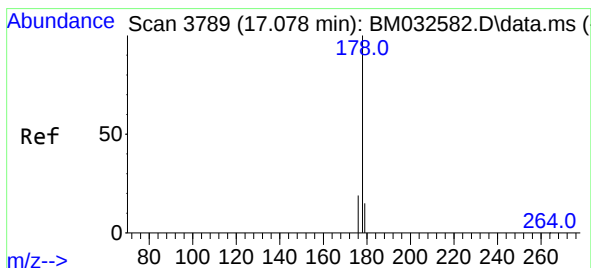
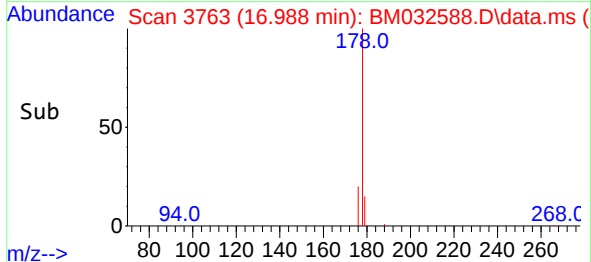
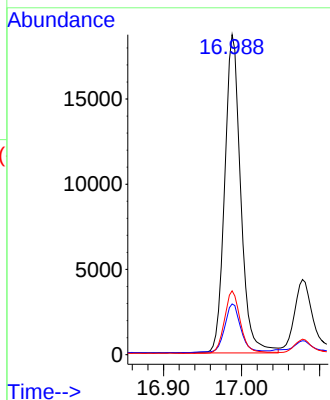
Instrument :
BNA_M
ClientSampled :
C0AZ1DL



Tgt Ion:	178	Resp:	26541
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	20.0	16.1	24.1

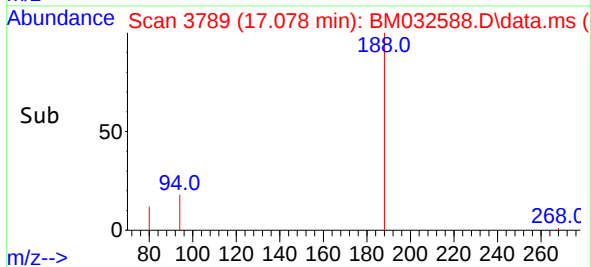
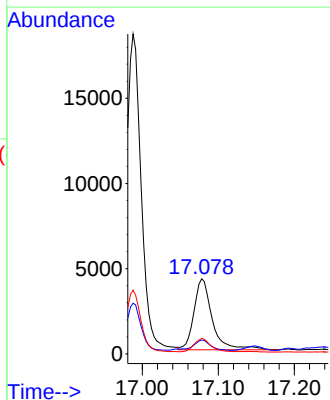
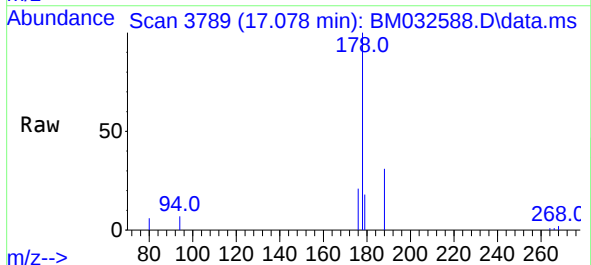
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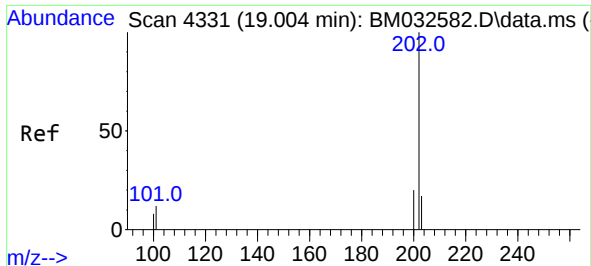
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#16
Anthracene
Concen: 0.14 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	178	Resp:	6947
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.9	19.3
176	20.6	15.8	23.6





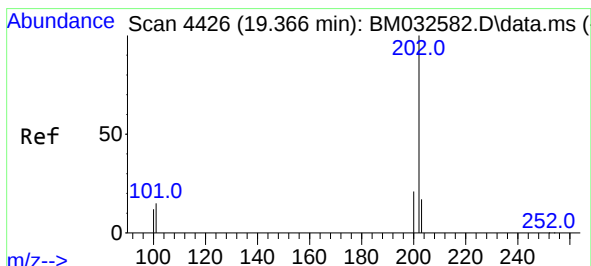
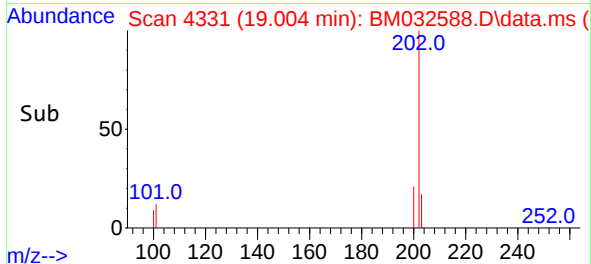
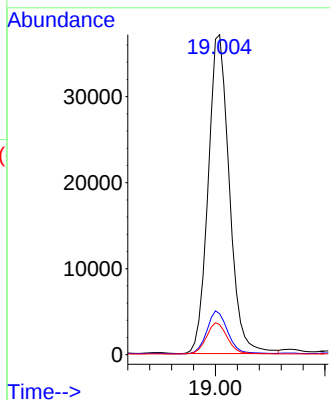
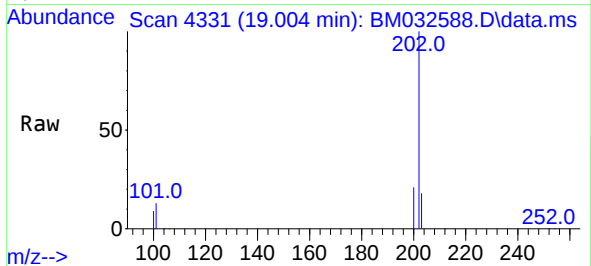
#19
Fluoranthene
Concen: 0.90 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	202	Resp:	49857
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.6	16.0
100	9.4	7.8	11.8

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ClientSampleId :
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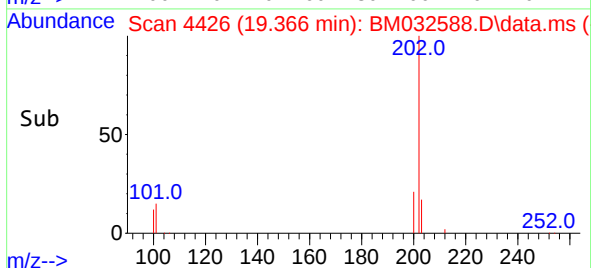
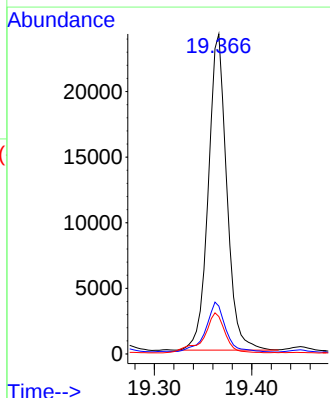
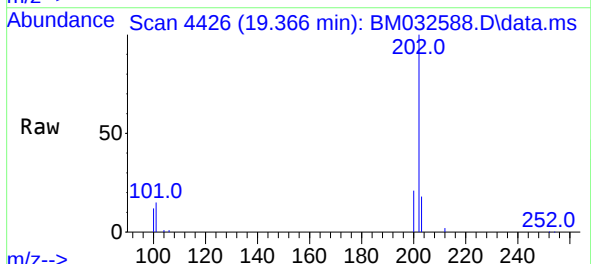
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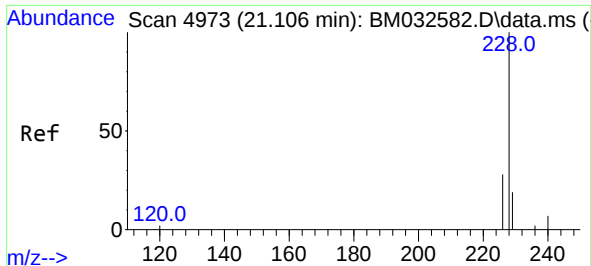
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#20
Pyrene
Concen: 0.56 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	202	Resp:	31722
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.3	18.5
100	11.7	10.1	15.1





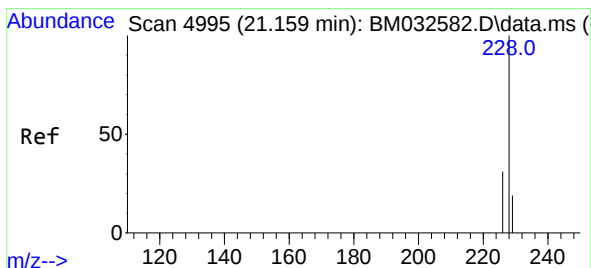
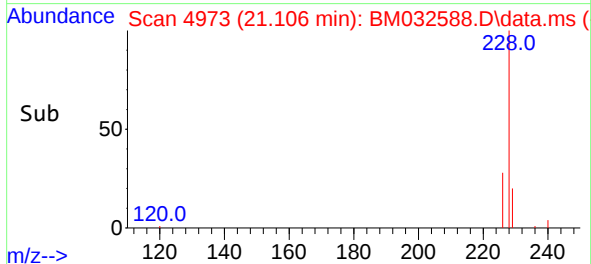
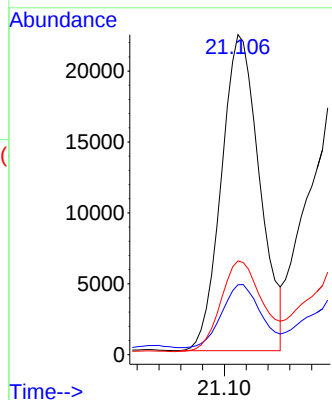
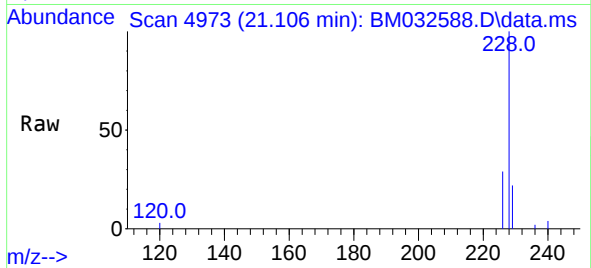
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Benzo(a)anthracene
Concen: 0.62 ng/u1
RT: 21.106 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	228	Resp:	27163
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.9	23.9
226	29.3	22.4	33.6

Instrument :
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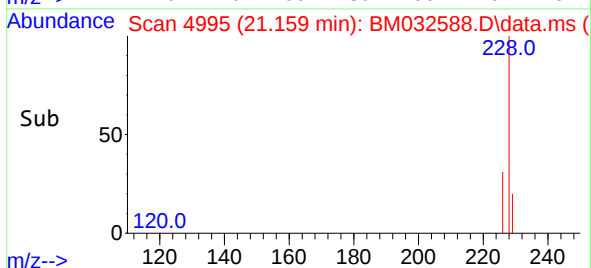
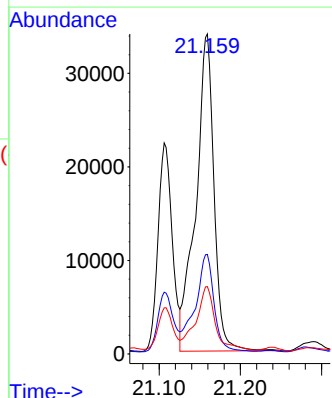
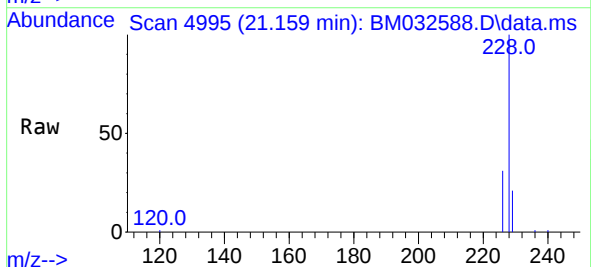
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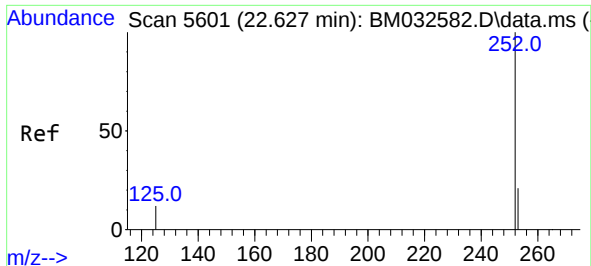
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#22
Chrysene
Concen: 1.09 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:	228	Resp:	52528
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.1	37.7
229	21.1	15.7	23.5





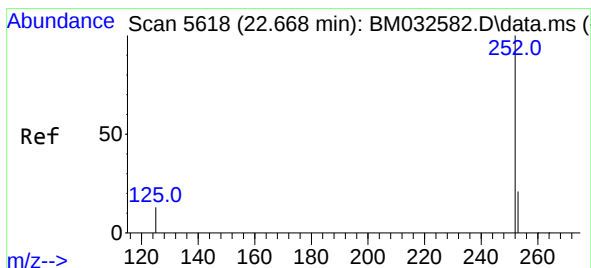
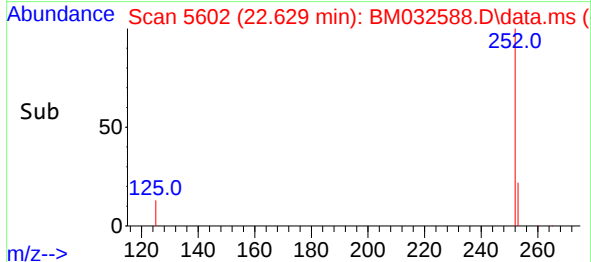
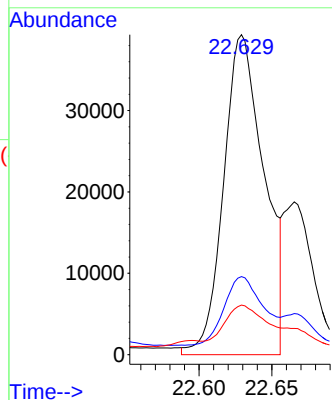
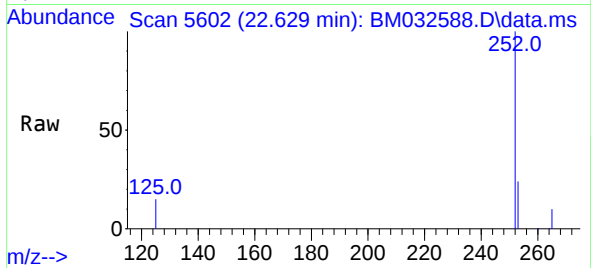
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Benzo(b)fluoranthene
Concen: 1.60 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:252	Resp:	76271
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 53.8
125	15.5	0.0 35.6

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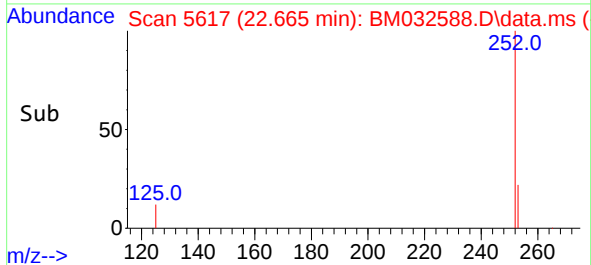
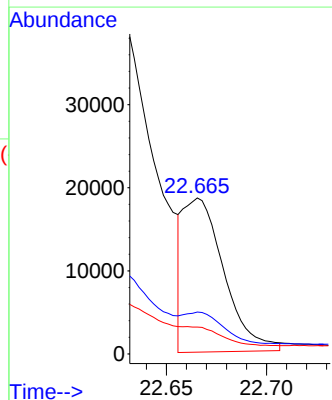
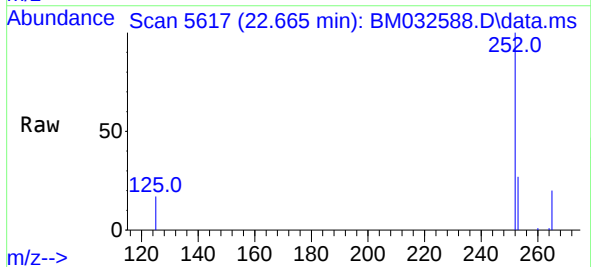
Manual Integrations
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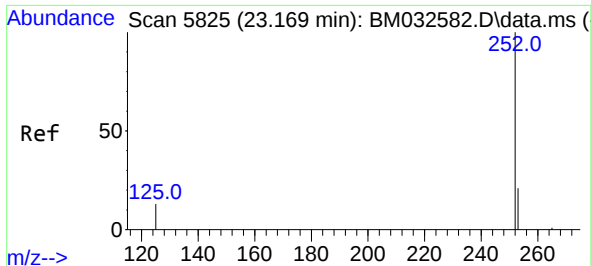
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#25
Benzo(k)fluoranthene
Concen: 0.56 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:252	Resp:	26488
Ion Ratio	Lower	Upper
252	100	
253	26.9	21.8 32.6
125	17.2	14.4 21.6





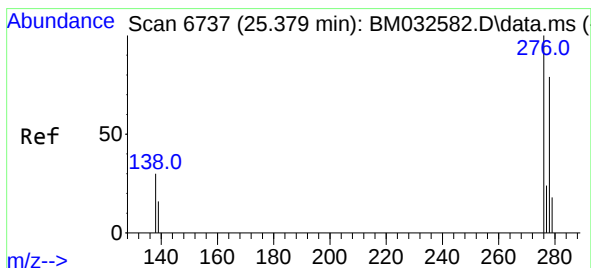
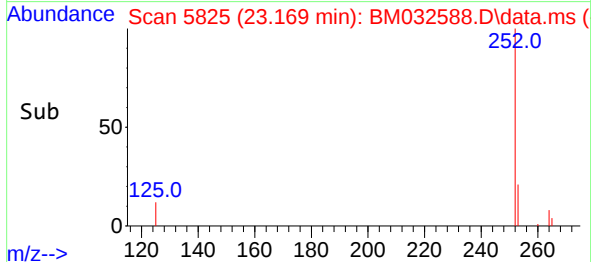
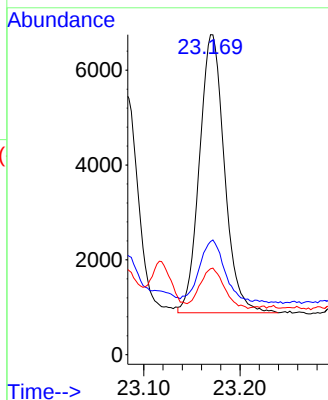
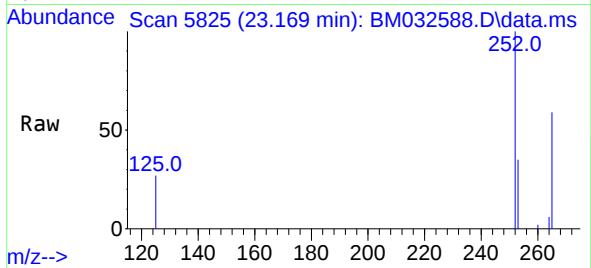
#26
Benzo(a)pyrene
Concen: 0.26 ng/u1
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

Tgt Ion:252 Resp: 10613
Ion Ratio Lower Upper
252 100
253 35.4 23.6 35.4
125 26.9 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
C0AZ1DL

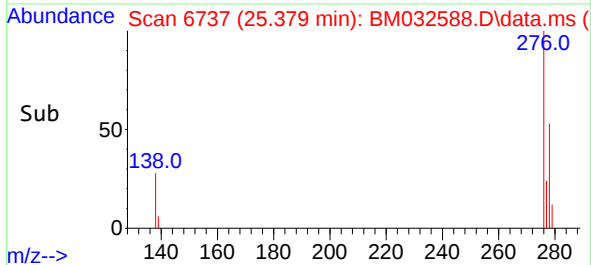
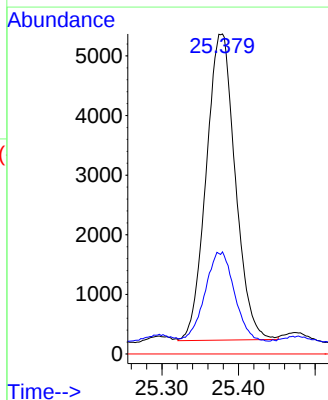
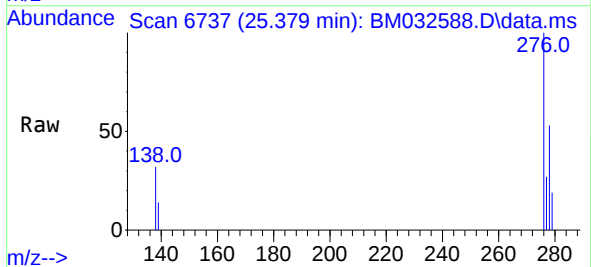
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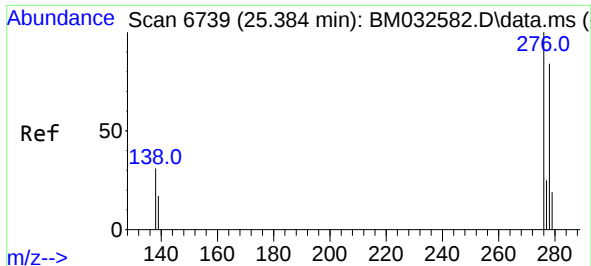
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng/u1
RT: 25.379 min Scan# 6737
Delta R.T. 0.000 min
Lab File: BM032588.D
Acq: 19 Oct 2021 17:35

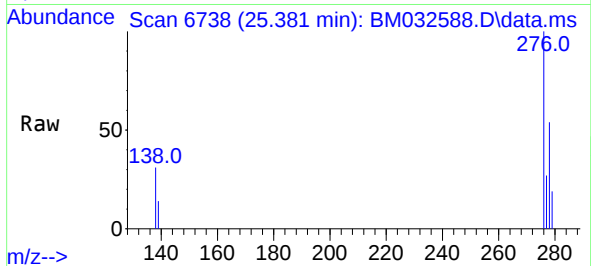
Tgt Ion:276 Resp: 13530
Ion Ratio Lower Upper
276 100
138 30.4 24.9 37.3
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.21 ng/ul
 RT: 25.381 min Scan# 6738
 Delta R.T. -0.002 min
 Lab File: BM032588.D
 Acq: 19 Oct 2021 17:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ1DL



Tgt Ion:278 Resp: 8126
 Ion Ratio Lower Upper
 278 100
 139 25.6 18.6 28.0
 279 35.7 22.0 33.0#

Manual Integrations
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