

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032527.D
 Acq On : 15 Oct 2021 15:56
 Operator : CG/JU
 Sample : M4029-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R0

Manual Integrations
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Quant Time: Oct 15 16:48:34 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5491	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	17832	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	9691	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	19267	0.40	ng/ul	0.00
17) Chrysene-d12	21.128	240	13736	0.40	ng/ul	0.00
23) Perylene-d12	23.269	264	9927	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	13662	2.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	3252	0.14	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	6728	0.16	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	9609	0.18	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	6815	0.19	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	4085	0.12	ng/ul	100
10) Acenaphthylene	13.933	152	5631	0.14	ng/ul	97
11) Acenaphthene	14.278	153	1265	0.03	ng/ul	95
12) Fluorene	15.263	166	2580	0.06	ng/ul#	93
15) Phenanthrene	16.991	178	65184	1.01	ng/ul	99
16) Anthracene	17.081	178	9900	0.17	ng/ul	98
19) Fluoranthene	19.008	202	203523	2.99	ng/ul	99
20) Pyrene	19.370	202	173538	2.48	ng/ul	99
21) Benzo(a)anthracene	21.113	228	67827	1.26	ng/ul	99
22) Chrysene	21.164	228	87912	1.49	ng/ul	98
24) Benzo(b)fluoranthene	22.634	252	98764m	2.15	ng/ul	
25) Benzo(k)fluoranthene	22.670	252	39733m	0.87	ng/ul	
26) Benzo(a)pyrene	23.174	252	57109m	1.49	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.374	276	40763	0.87	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.374	278	8925	0.24	ng/ul#	91
29) Benzo(g,h,i)perylene	26.019	276	38600	0.94	ng/ul	99

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

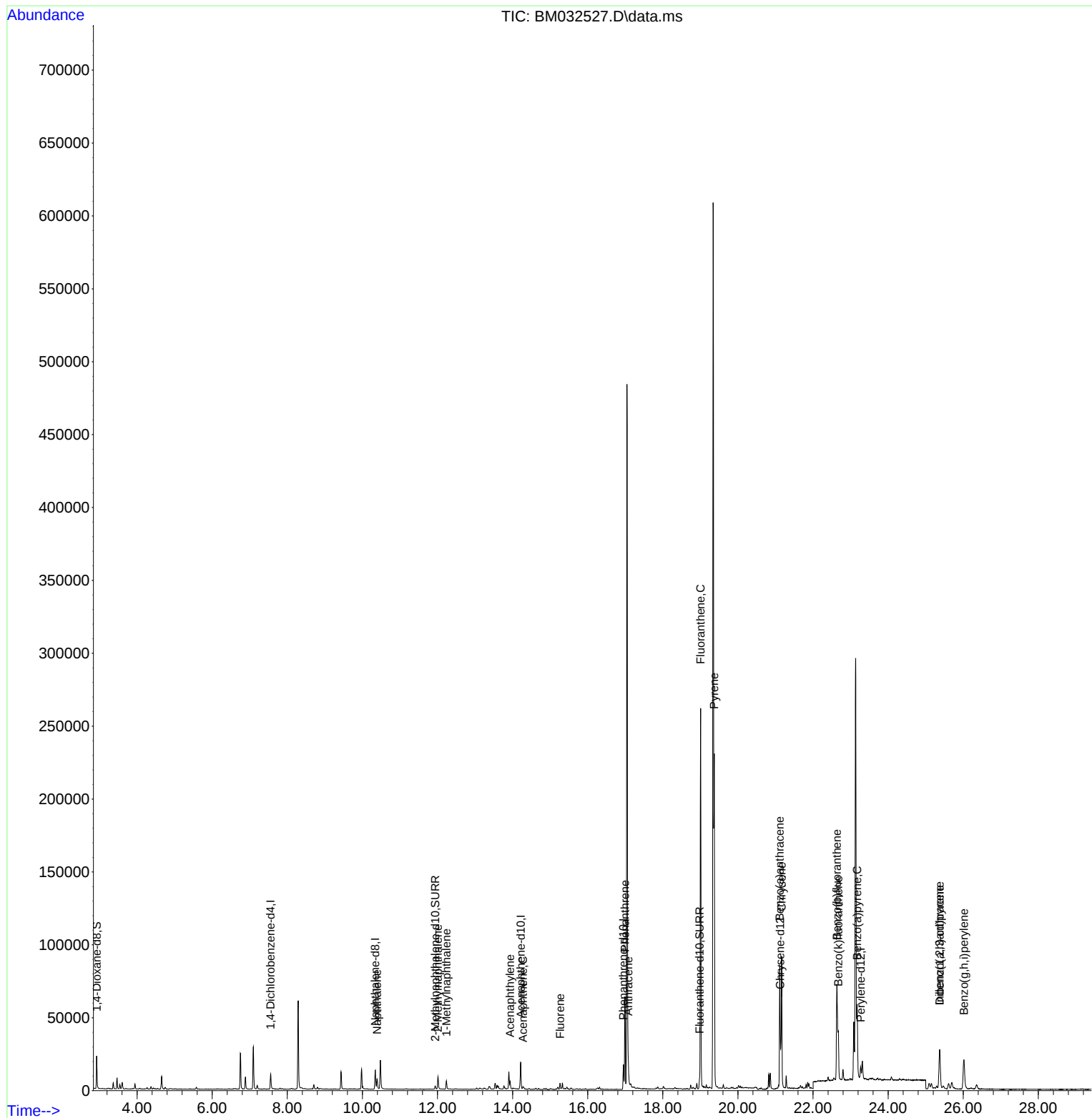
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032527.D
Acq On : 15 Oct 2021 15:56
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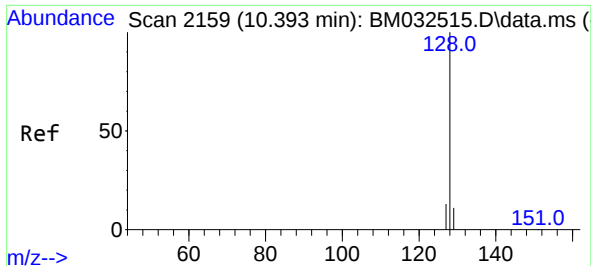
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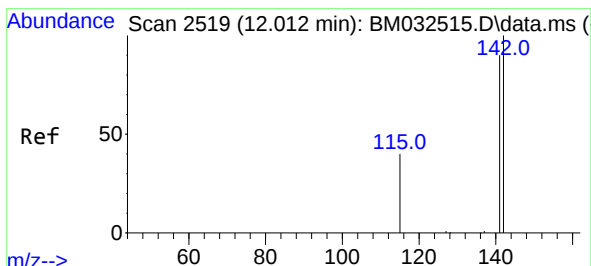
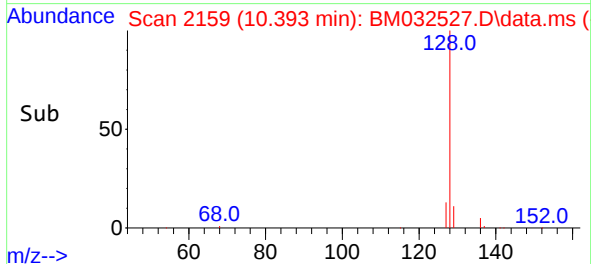
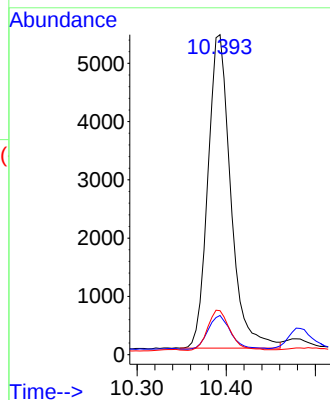
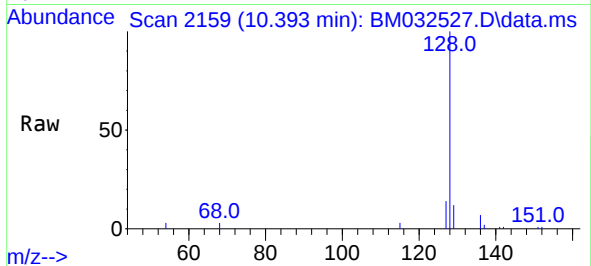
#5
Naphthalene
Concen: 0.18 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:	128	Resp:	9609
Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	13.7	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C00R0

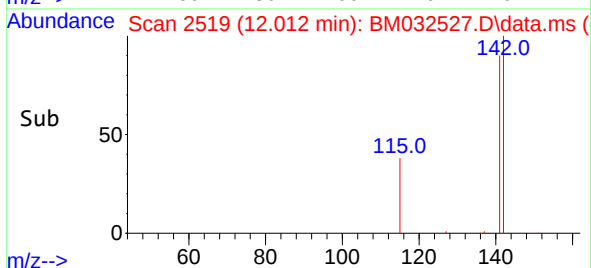
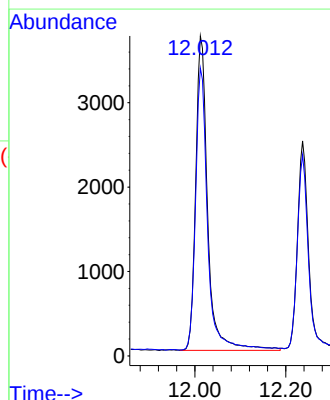
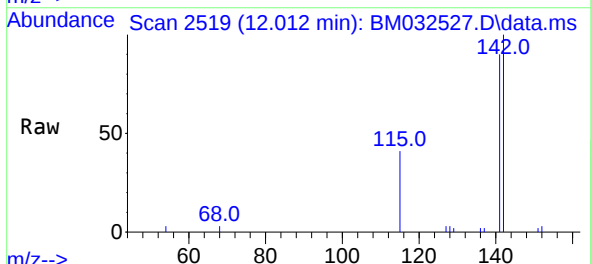
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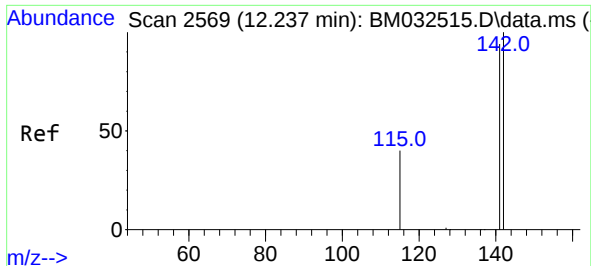
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#7
2-Methylnaphthalene
Concen: 0.19 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:	142	Resp:	6815
Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.2





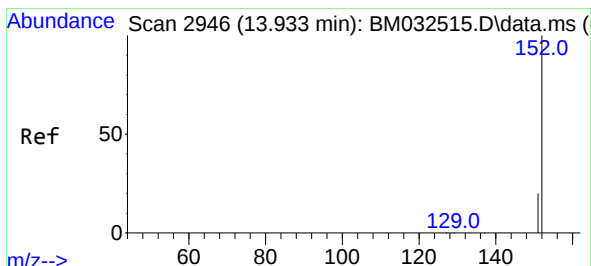
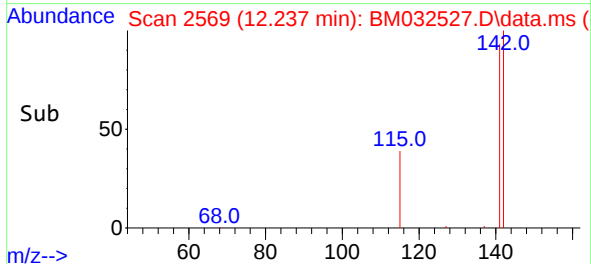
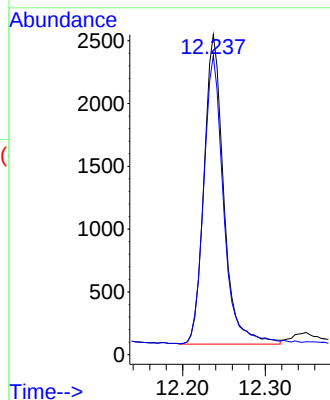
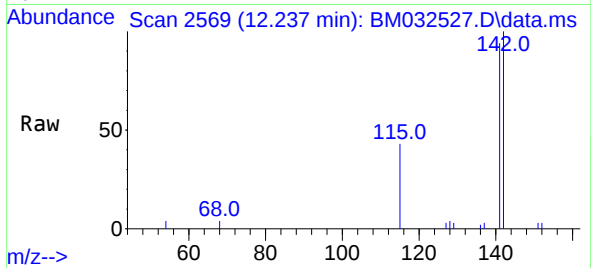
#8
1-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:142 Resp: 4085
Ion Ratio Lower Upper
142 100
141 93.5 74.9 112.3

Instrument :
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ClientSampled :
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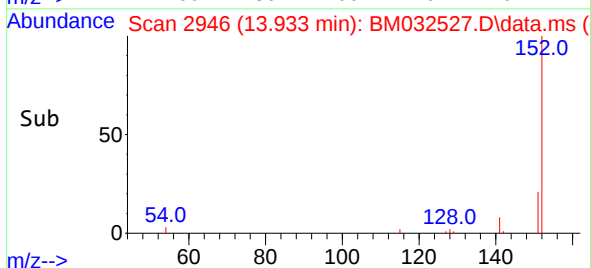
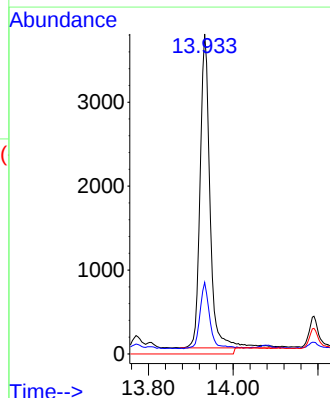
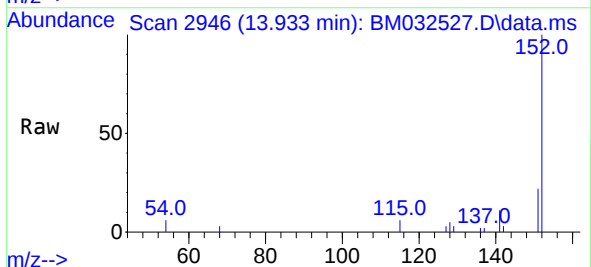
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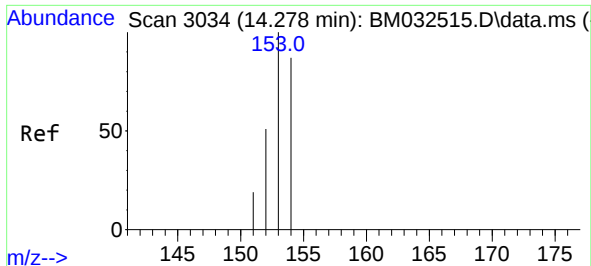
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#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:152 Resp: 5631
Ion Ratio Lower Upper
152 100
151 22.3 16.7 25.1
153 0.0 0.0 0.0





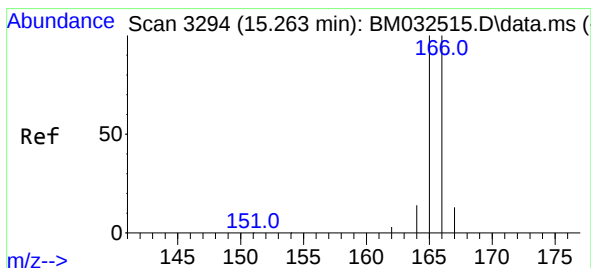
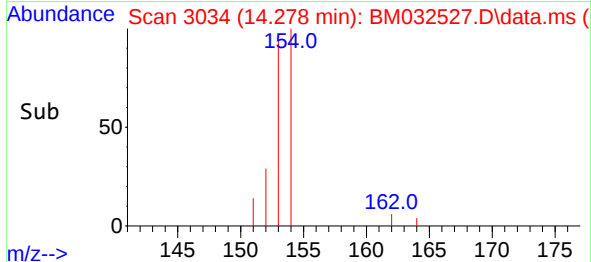
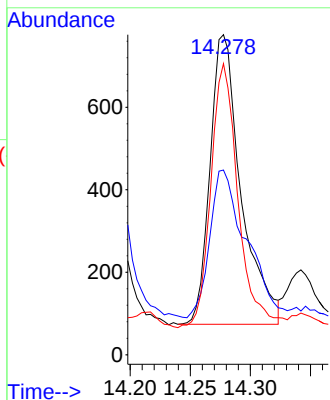
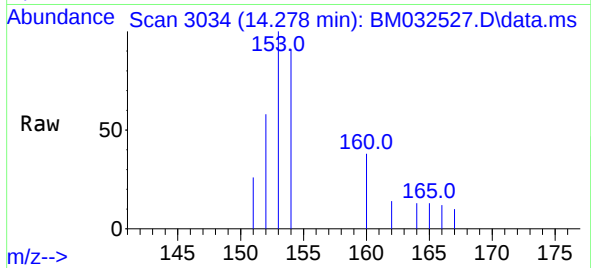
#11
Acenaphthene
Concen: 0.03 ng/u1
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:	153	Resp:	1265
Ion Ratio	Lower	Upper	
153	100		
152	57.7	40.4	60.6
154	91.0	70.8	106.2

Instrument :
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ClientSampleId :
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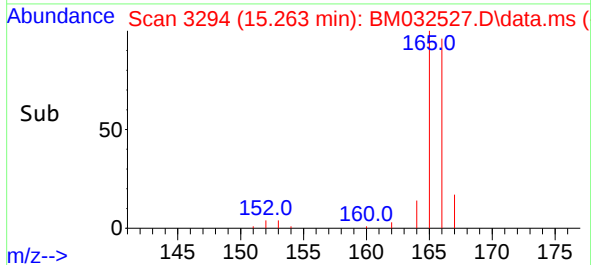
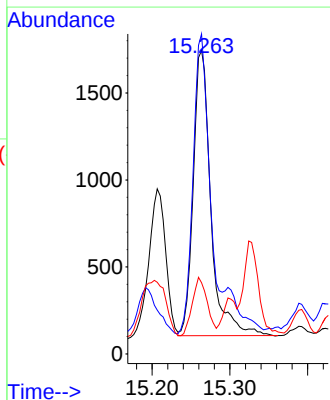
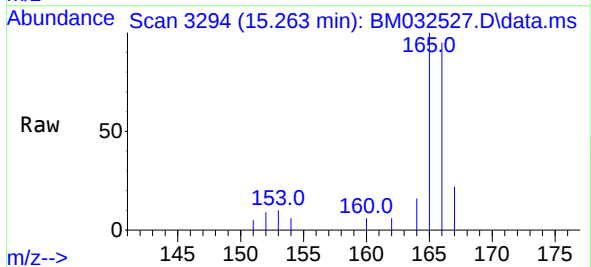
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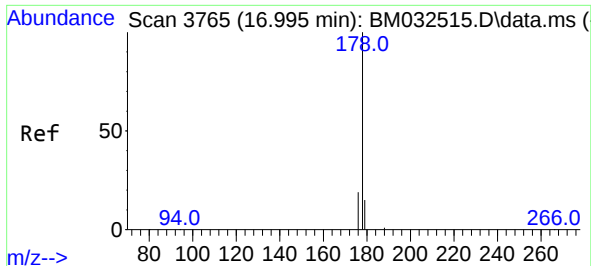
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#12
Fluorene
Concen: 0.06 ng/u1
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

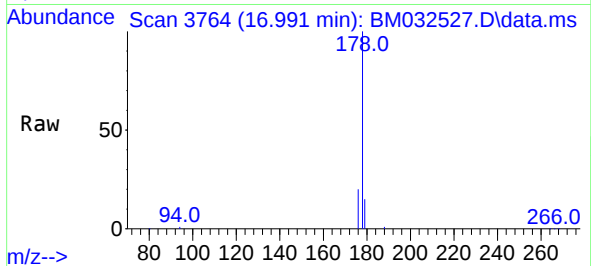
Tgt Ion:	166	Resp:	2580
Ion Ratio	Lower	Upper	
166	100		
165	105.4	80.7	121.1
167	23.5	11.2	16.8#





#15
Phenanthrene
Concen: 1.01 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

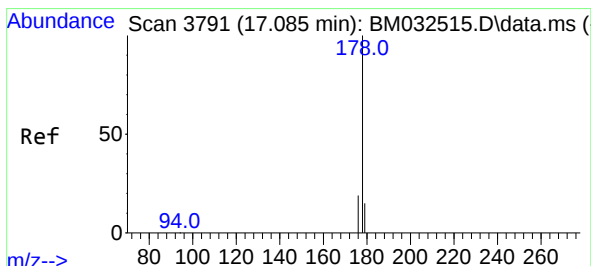
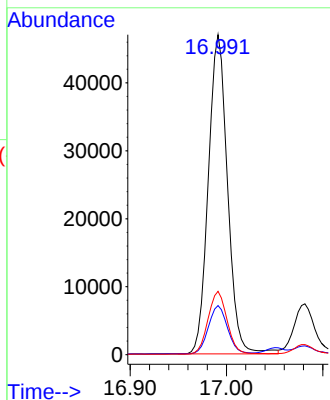
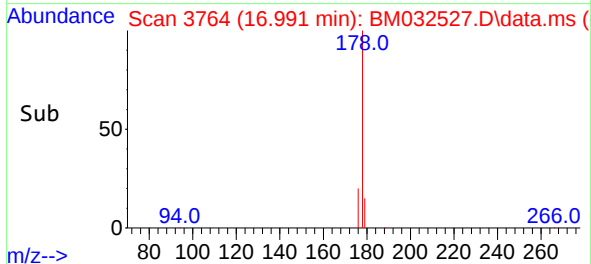
Instrument :
BNA_M
ClientSampled :
C00R0



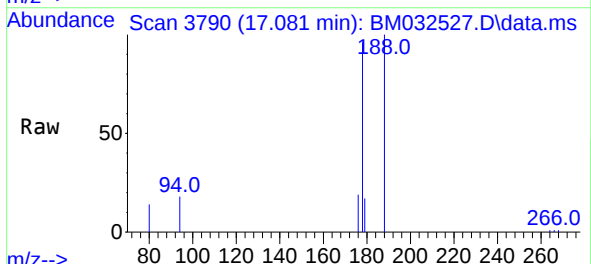
Tgt Ion:178 Resp: 65184
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.8 16.1 24.1

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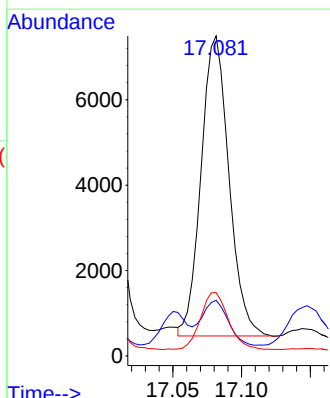
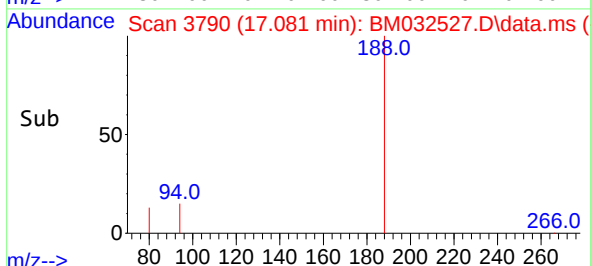
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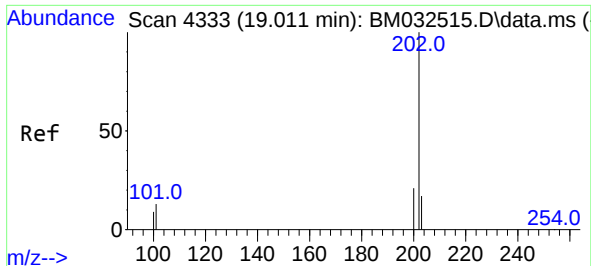


#16
Anthracene
Concen: 0.17 ng/ul
RT: 17.081 min Scan# 3790
Delta R.T. -0.003 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56



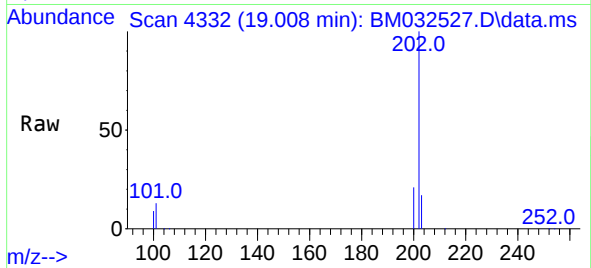
Tgt Ion:178 Resp: 9900
Ion Ratio Lower Upper
178 100
179 17.4 12.9 19.3
176 19.8 15.8 23.6





#19
Fluoranthene
Concen: 2.99 ng/ul
RT: 19.008 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

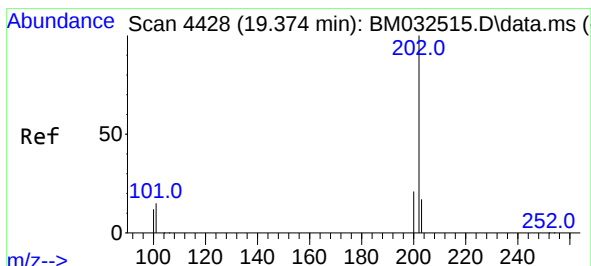
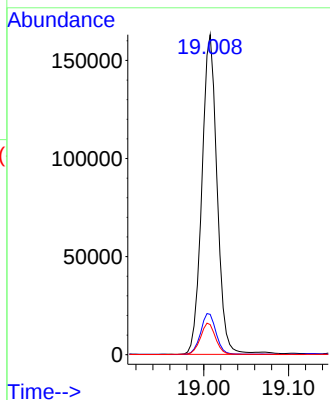
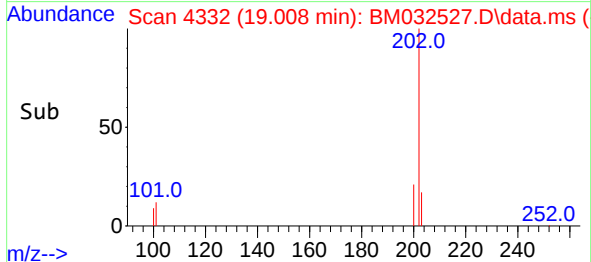
Instrument :
BNA_M
ClientSampled :
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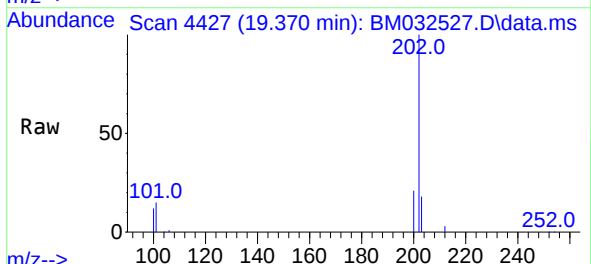
Tgt Ion:202 Resp: 203523
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 9.4 7.8 11.8

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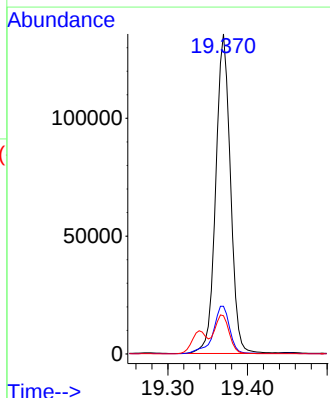
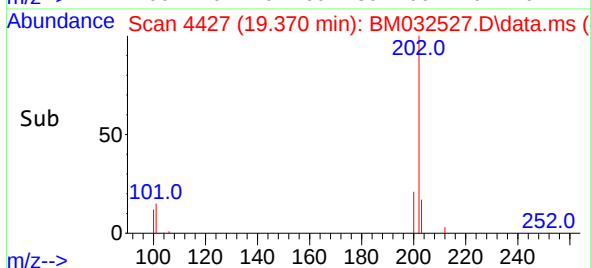
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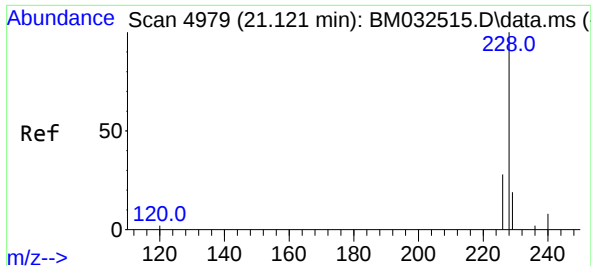


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Pyrene
Concen: 2.48 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56



Tgt Ion:202 Resp: 173538
Ion Ratio Lower Upper
202 100
101 14.9 12.3 18.5
100 11.9 10.1 15.1





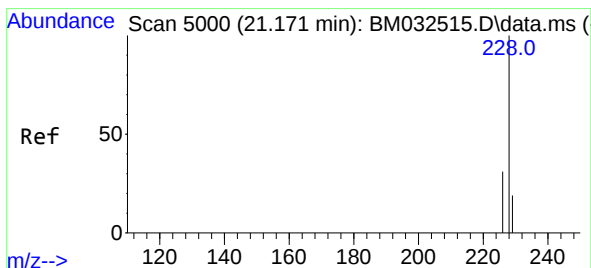
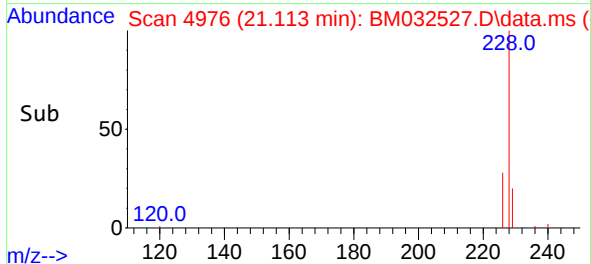
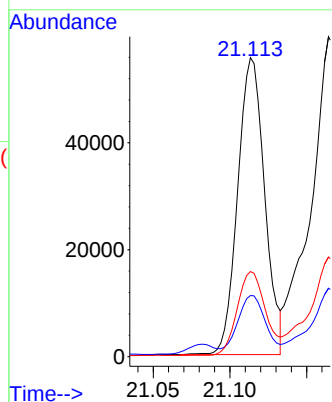
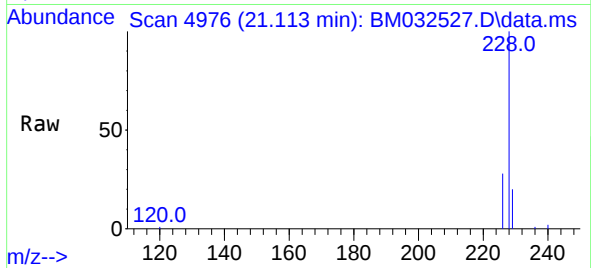
#21
Benzo(a)anthracene
Concen: 1.26 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:228	Resp: 67827
Ion Ratio	Lower Upper
228 100	
229 20.5	15.9 23.9
226 28.5	22.4 33.6

Instrument :
BNA_M
ClientSampled :
C00R0

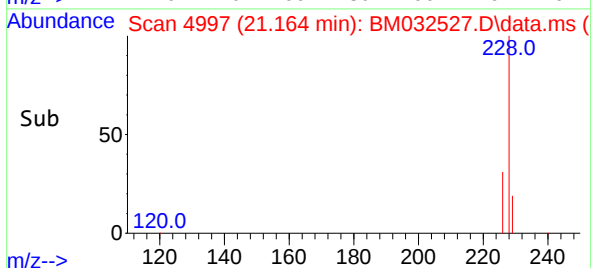
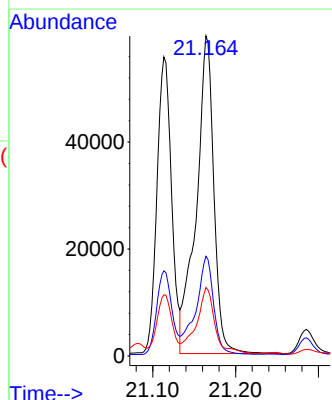
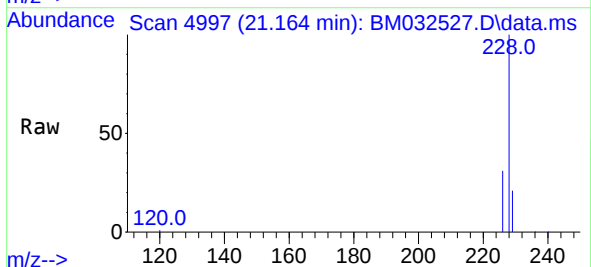
Manual Integrations
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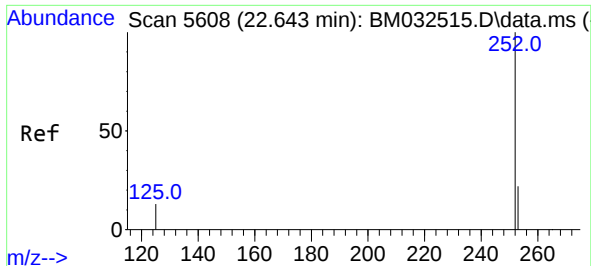
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#22
Chrysene
Concen: 1.49 ng/ul
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:228	Resp: 87912
Ion Ratio	Lower Upper
228 100	
226 31.1	25.1 37.7
229 21.4	15.7 23.5





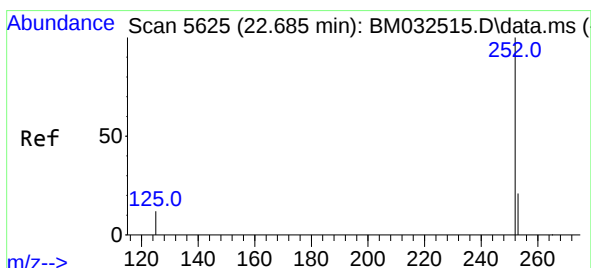
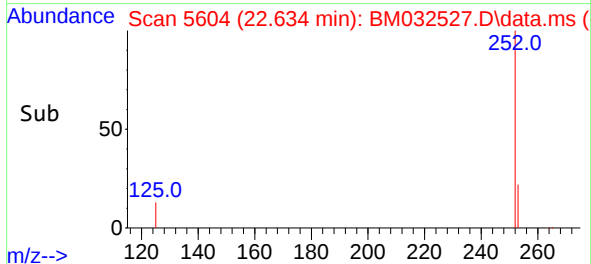
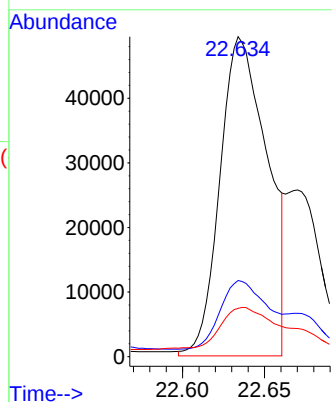
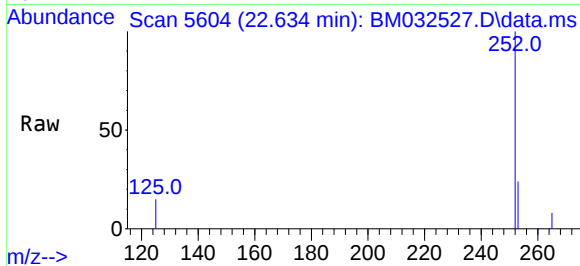
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Benzo(b)fluoranthene
Concen: 2.15 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:252	Resp:	98764
Ion Ratio	Lower	Upper
252	100	
253	23.8	0.0 53.8
125	15.1	0.0 35.6

Instrument :
BNA_M
ClientSampleId :
C00R0

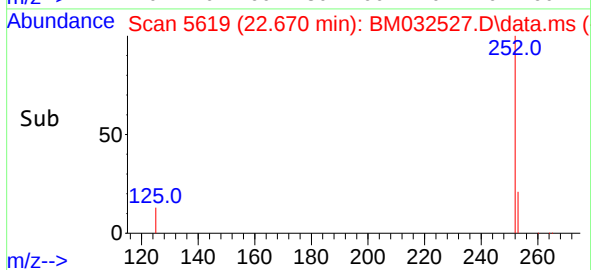
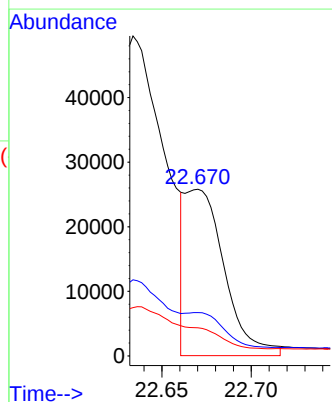
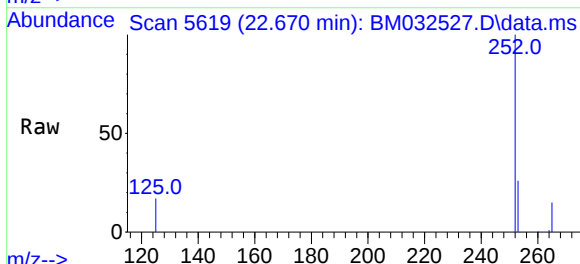
Manual Integrations
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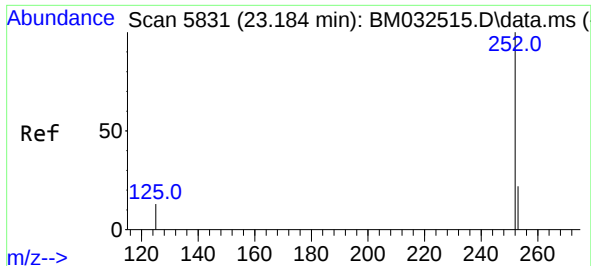
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#25
Benzo(k)fluoranthene
Concen: 0.87 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. -0.014 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:252	Resp:	39733
Ion Ratio	Lower	Upper
252	100	
253	26.1	21.8 32.6
125	16.9	14.4 21.6





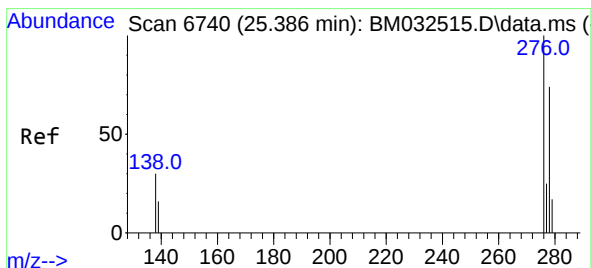
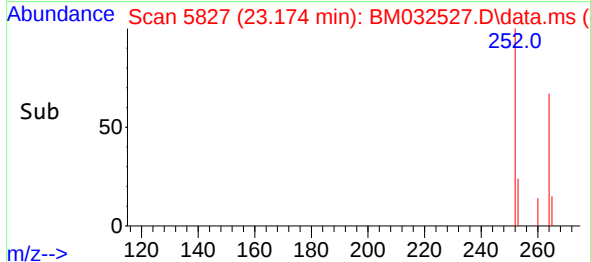
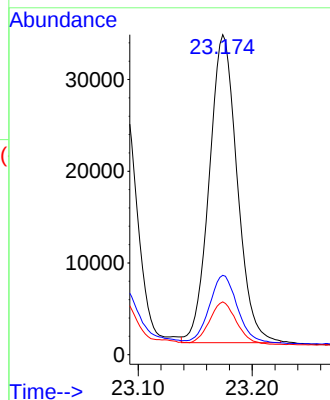
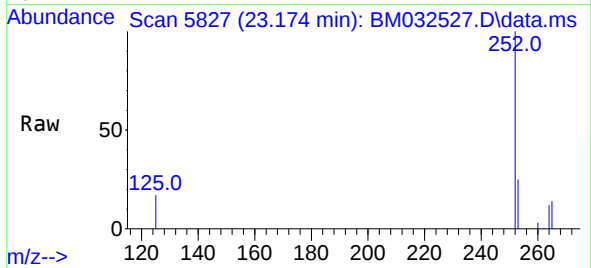
#26
Benzo(a)pyrene
Concen: 1.49 ng/ul m
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:252 Resp: 57109
Ion Ratio Lower Upper
252 100
253 24.8 23.6 35.4
125 16.5 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
C00R0

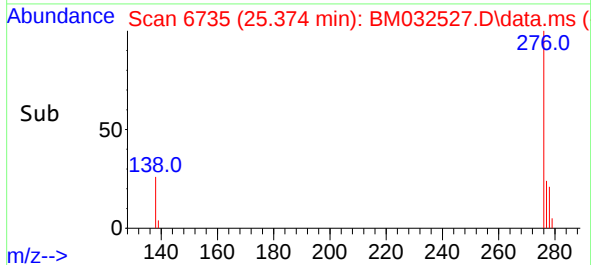
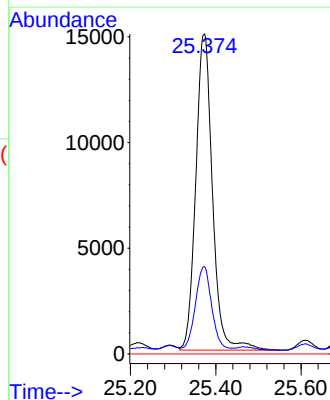
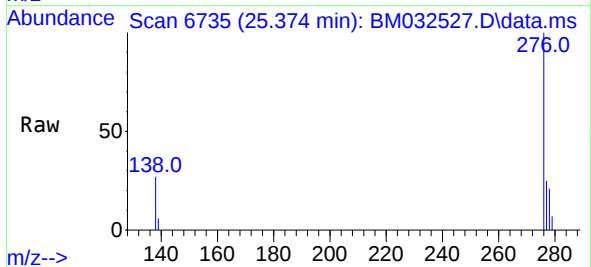
Manual Integrations
APPROVED

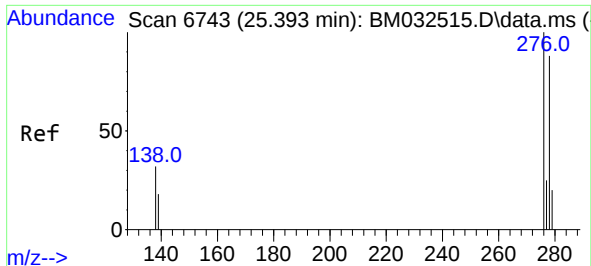
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.87 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.012 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion:276 Resp: 40763
Ion Ratio Lower Upper
276 100
138 25.5 24.9 37.3
227 0.0 0.0 0.0





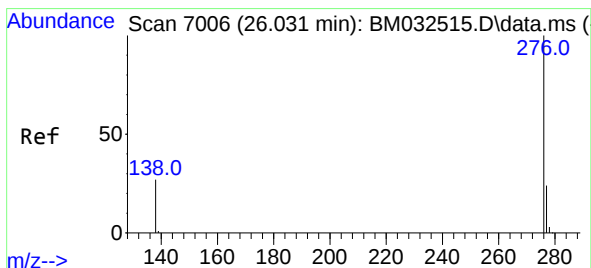
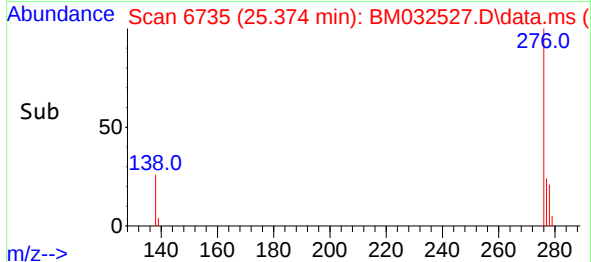
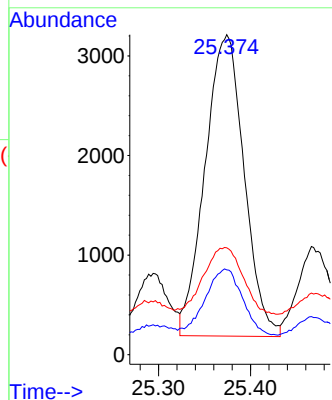
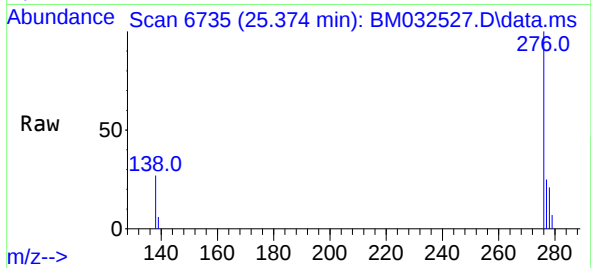
#28
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion: 278 Resp: 8925
Ion Ratio Lower Upper
278 100
139 26.5 18.6 28.0
279 33.4 22.0 33.0#

Instrument :
BNA_M
ClientSampled :
C00R0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.94 ng/ul
RT: 26.019 min Scan# 7001
Delta R.T. -0.012 min
Lab File: BM032527.D
Acq: 15 Oct 2021 15:56

Tgt Ion: 276 Resp: 38600
Ion Ratio Lower Upper
276 100
138 28.0 22.6 33.8
277 24.4 19.9 29.9

