

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A0

Manual Integrations
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Quant Time: Aug 07 03:37:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1227	0.400	ng/ul	0.00
4) Naphthalene-d8	10.346	136	4539	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	2687	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	4975	0.400	ng/ul #	0.00
17) Chrysene-d12	21.158	240	4197	0.400	ng/ul #	0.00
23) Perylene-d12	23.316	264	4199	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2303	1.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1217	0.159	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	2599	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.396	128	8931	0.661	ng/ul	98
7) 2-Methylnaphthalene	12.015	142	7044	0.763	ng/ul	99
8) 1-Methylnaphthalene	12.240	142	3902	0.428	ng/ul	99
10) Acenaphthylene	13.940	152	10308	0.901	ng/ul	99
11) Acenaphthene	14.280	153	1302	0.135	ng/ul	95
12) Fluorene	15.274	166	2831	0.255	ng/ul#	90
15) Phenanthrene	17.006	178	69491	4.399	ng/ul	97
16) Anthracene	17.099	178	14951	1.011	ng/ul	100
19) Fluoranthene	19.031	202	140743	7.853	ng/ul	99
20) Pyrene	19.393	202	117578	6.468	ng/ul	98
21) Benzo(a)anthracene	21.144	228	65103	3.841	ng/ul	96
22) Chrysene	21.195	228	70031	3.994	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	92688m	4.899	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	31446m	1.609	ng/ul	
26) Benzo(a)pyrene	23.222	252	60518m	3.653	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.448	276	43132	2.014	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.455	278	11181	0.648	ng/ul	93
29) Benzo(g,h,i)perylene	26.098	276	12510	0.685	ng/ul	96

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

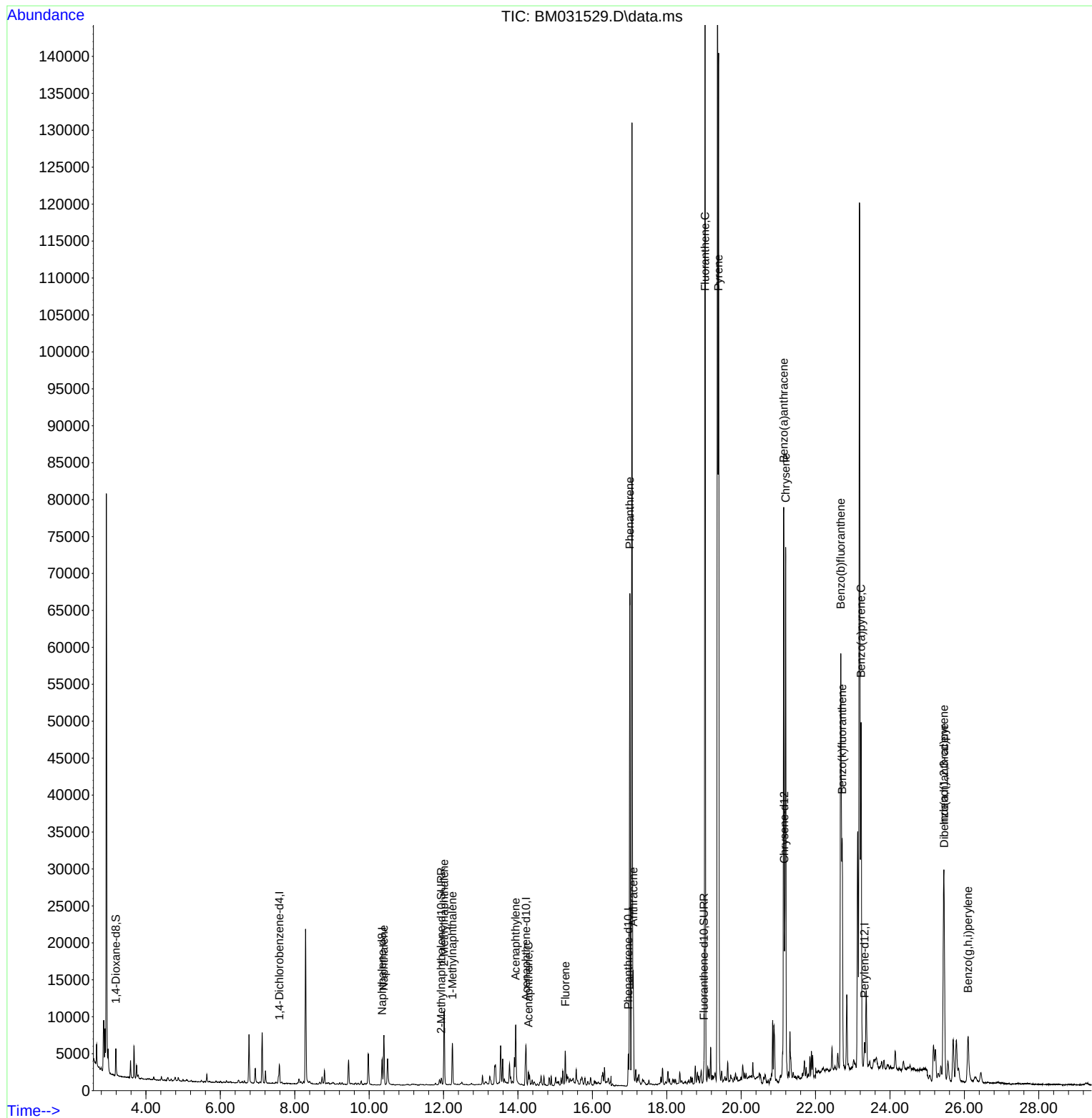
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
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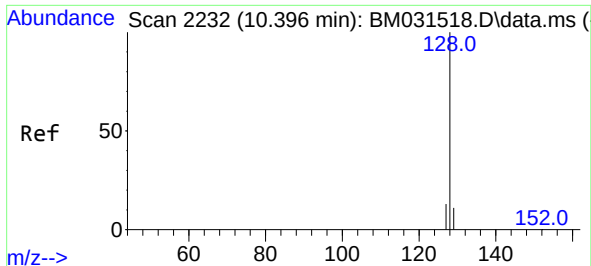
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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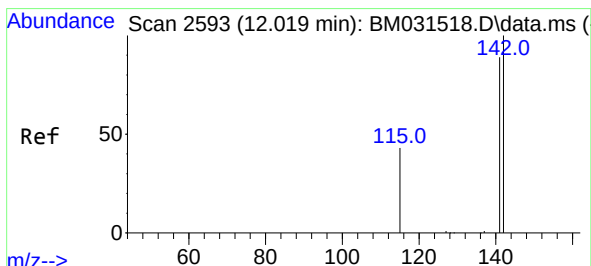
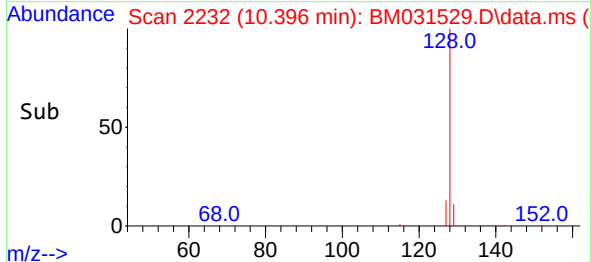
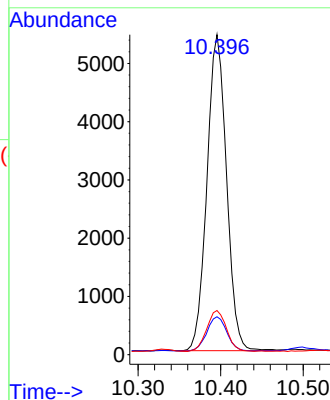
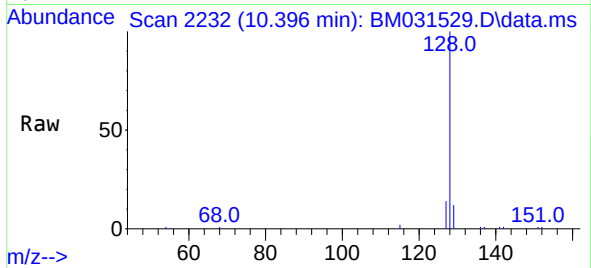
#5
Naphthalene
Concen: 0.661 ng/ul
RT: 10.396 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:	128	Resp:	8931
Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	13.8	11.6	17.4

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ClientSampled :
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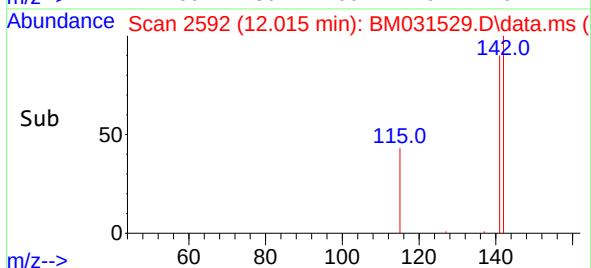
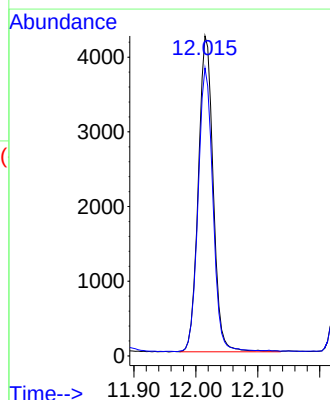
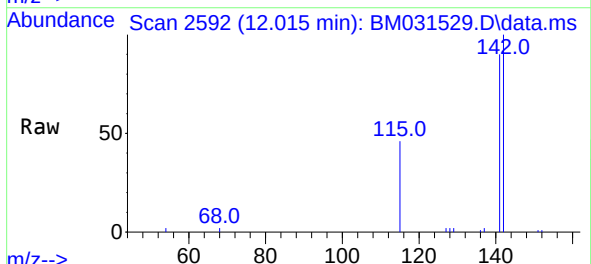
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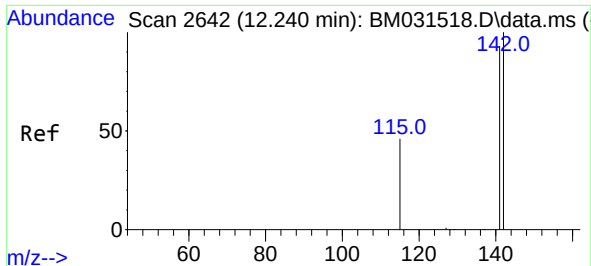
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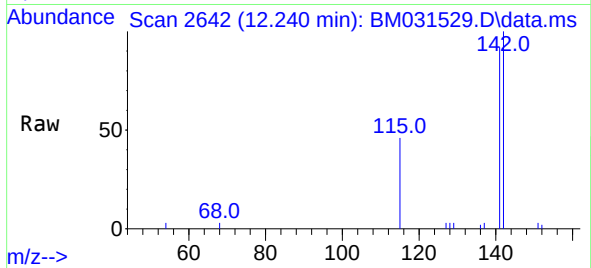
#7
2-Methylnaphthalene
Concen: 0.763 ng/ul
RT: 12.015 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:	142	Resp:	7044
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0

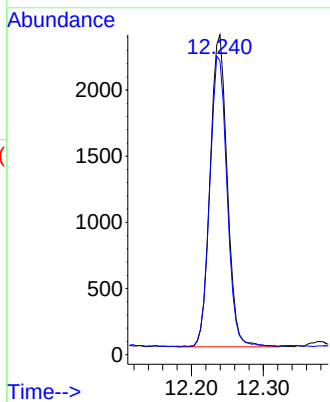
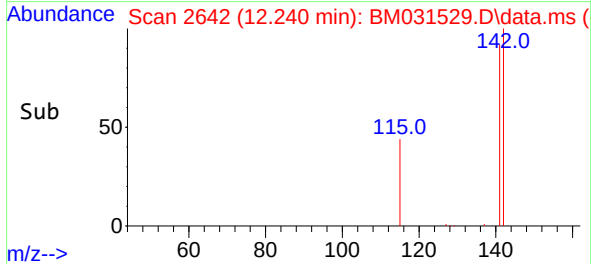




#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.240 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



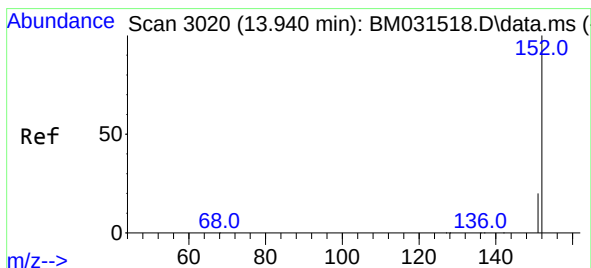
Tgt Ion:142 Resp: 3902
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1



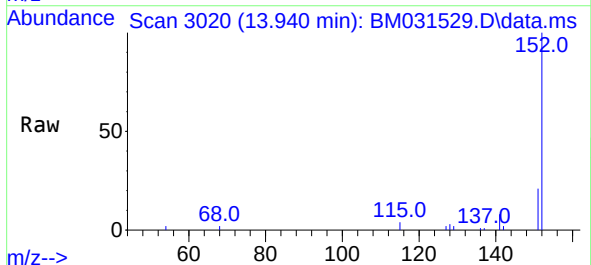
Instrument :
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ClientSampleId :
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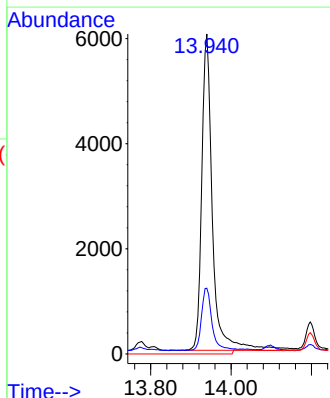
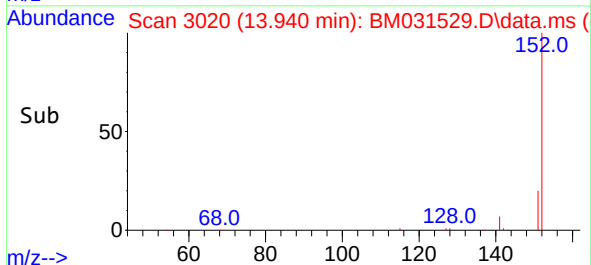
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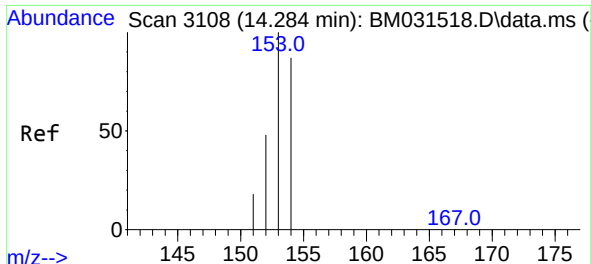


#10
Acenaphthylene
Concen: 0.901 ng/ul
RT: 13.940 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



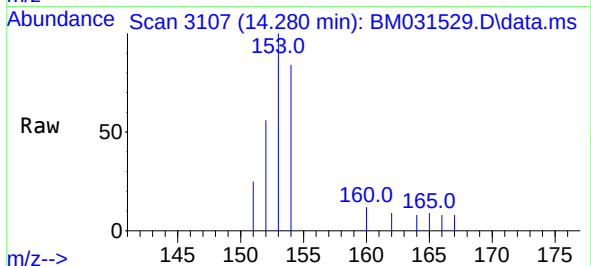
Tgt Ion:152 Resp: 10308
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.135 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

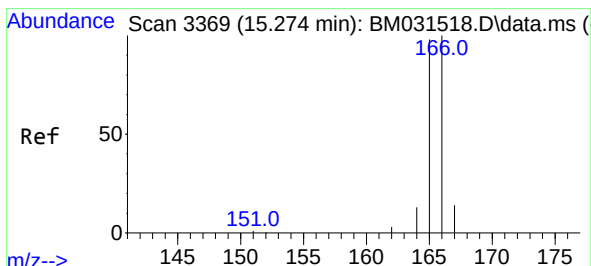
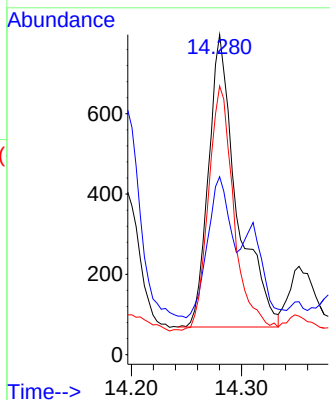
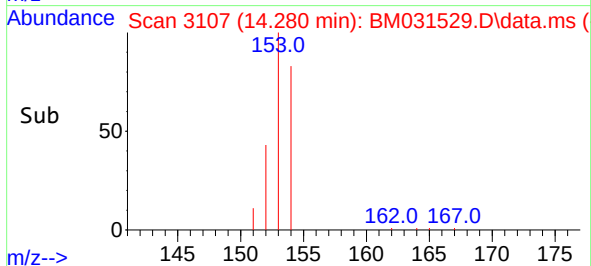
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ClientSampled :
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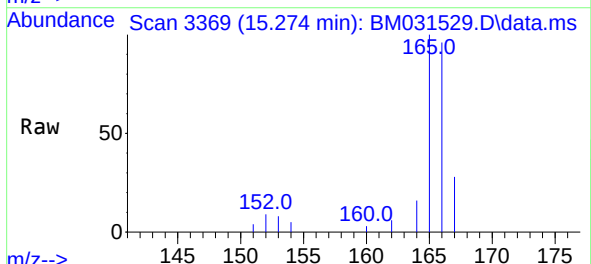
Tgt Ion:153 Resp: 1302
Ion Ratio Lower Upper
153 100
152 55.6 40.7 61.1
154 83.9 70.2 105.2

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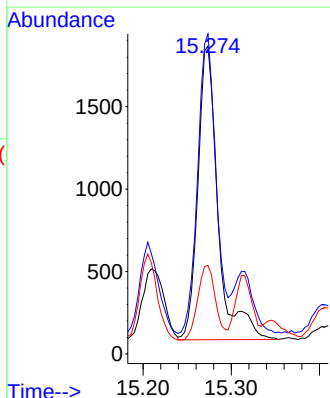
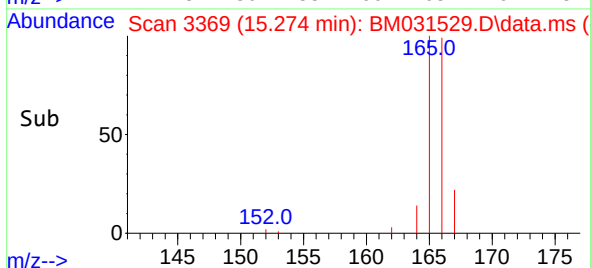
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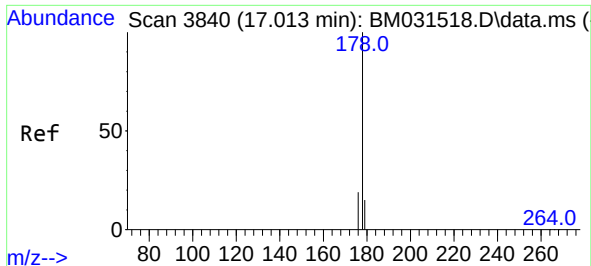


#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. -0.000 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

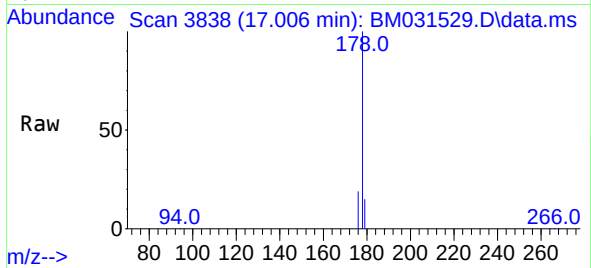


Tgt Ion:166 Resp: 2831
Ion Ratio Lower Upper
166 100
165 103.9 78.0 117.0
167 28.7 12.0 18.0#

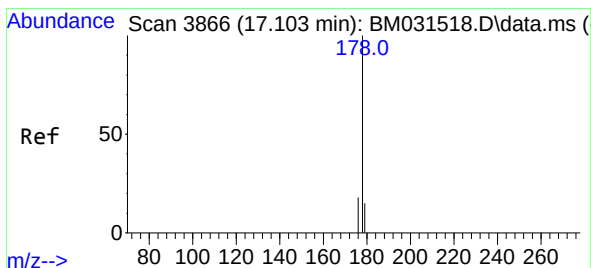
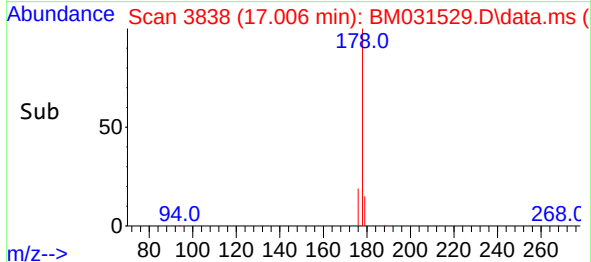
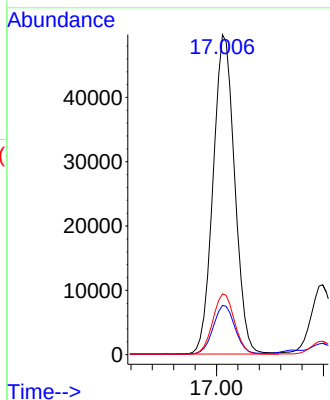




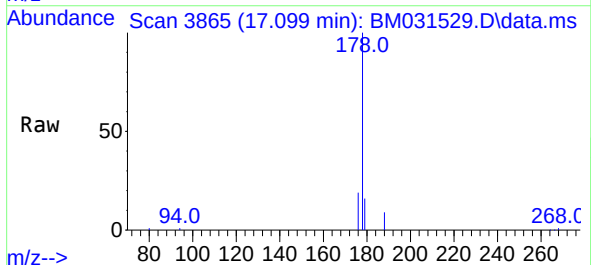
#15
Phenanthrene
Concen: 4.399 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



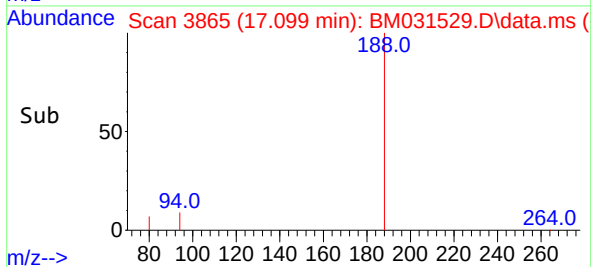
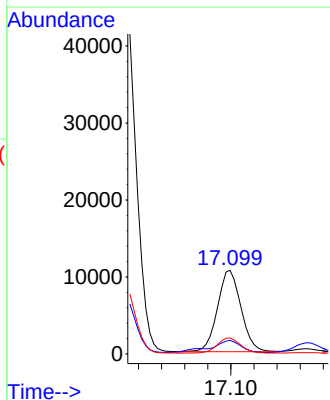
Tgt Ion:178 Resp: 69491
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4



#16
Anthracene
Concen: 1.011 ng/ul
RT: 17.099 min Scan# 3865
Delta R.T. -0.004 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



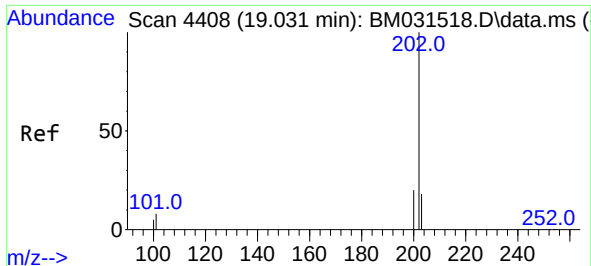
Tgt Ion:178 Resp: 14951
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.2 15.6 23.4



Instrument :
BNA_M
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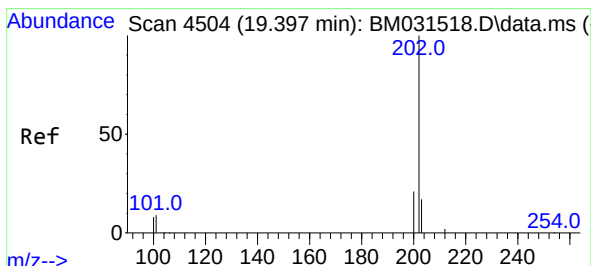
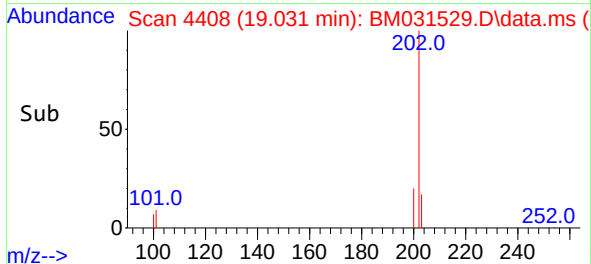
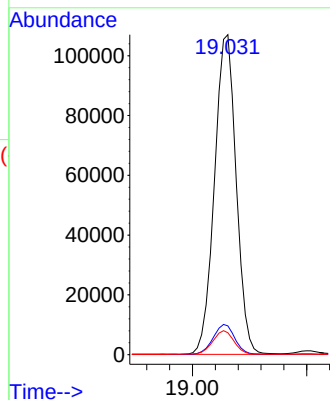
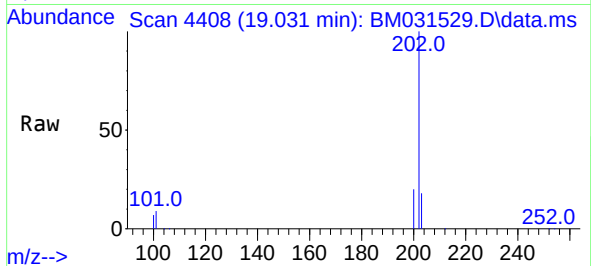
#19
Fluoranthene
Concen: 7.853 ng/u1
RT: 19.031 min Scan# 4408
Delta R.T. -0.000 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:	202	Resp:	140743
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.6	10.0
100	6.9	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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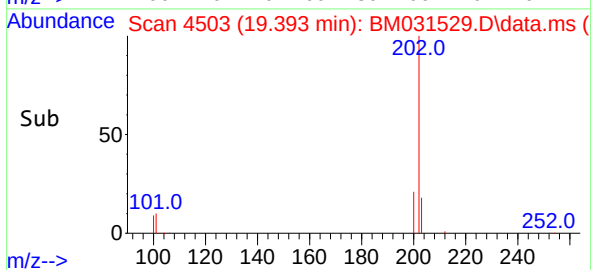
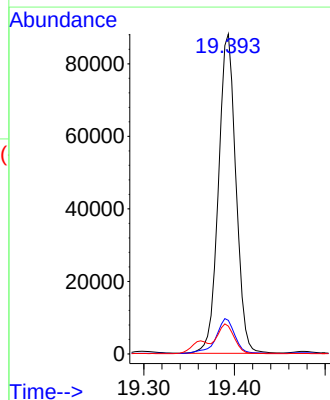
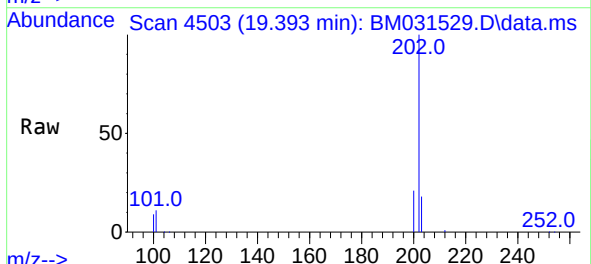
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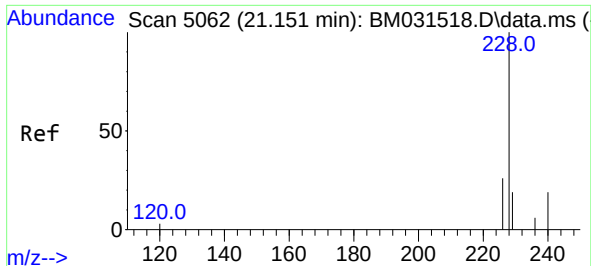
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#20
Pyrene
Concen: 6.468 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031529.D
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Tgt Ion:	202	Resp:	117578
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.8	11.6
100	8.7	6.6	10.0





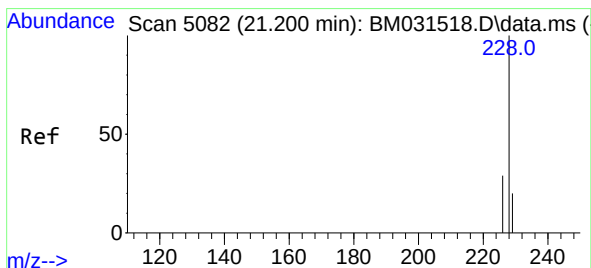
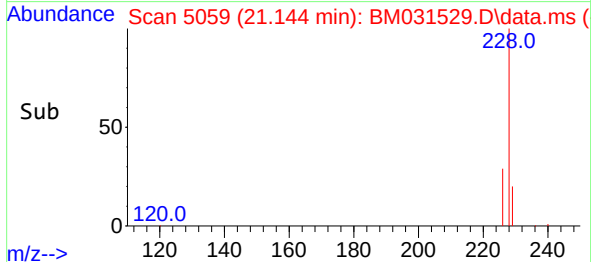
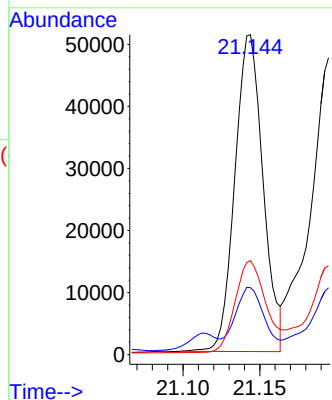
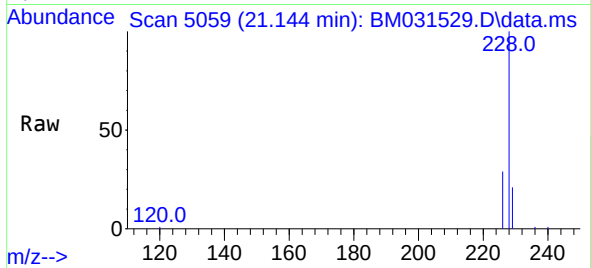
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Benzo(a)anthracene
Concen: 3.841 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:	228	Resp:	65103
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	29.4	21.7	32.5

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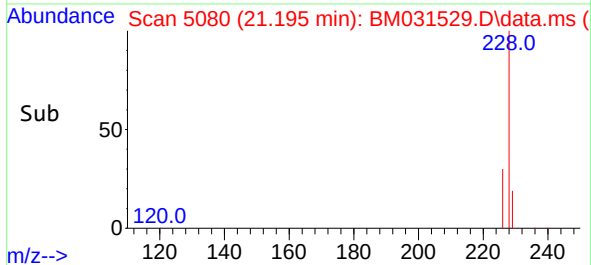
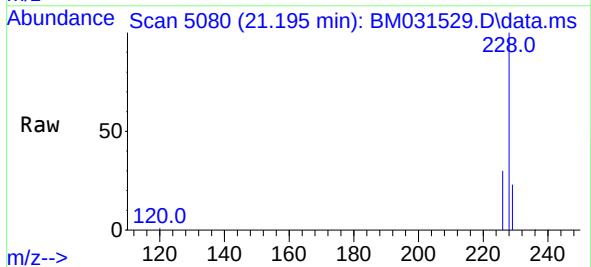
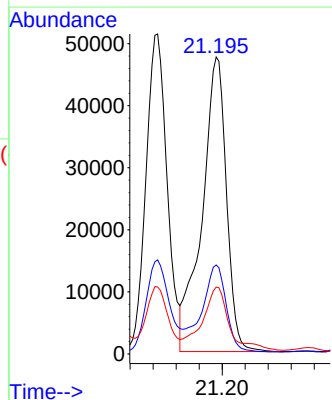
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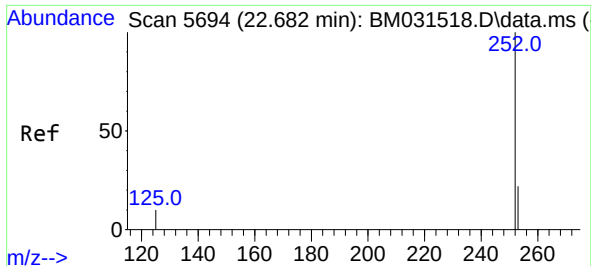
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#22
Chrysene
Concen: 3.994 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:	228	Resp:	70031
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	22.5	16.2	24.2





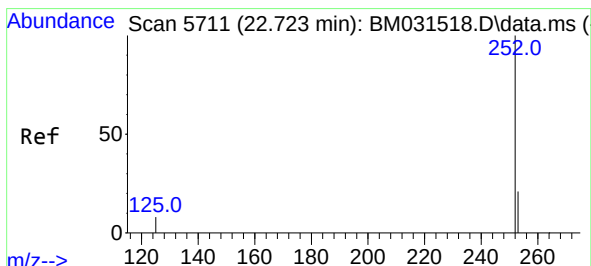
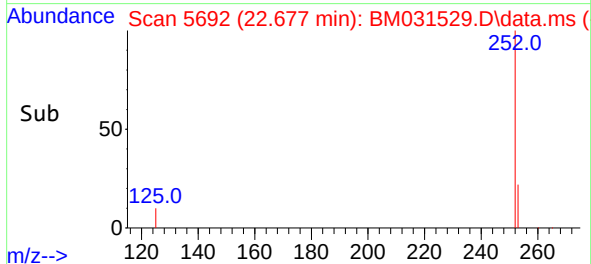
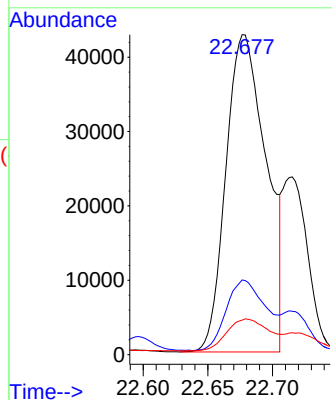
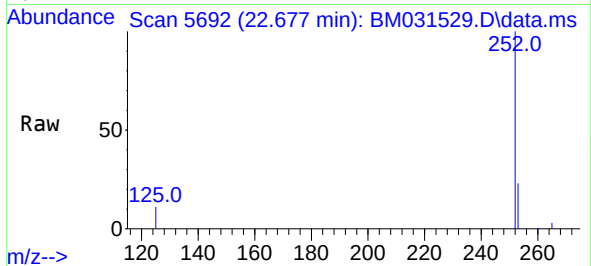
#24
Benzo(b)fluoranthene
Concen: 4.899 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:252	Resp:	92688
Ion Ratio	Lower	Upper
252	100	
253	23.4	0.0 53.0
125	10.8	0.0 22.8

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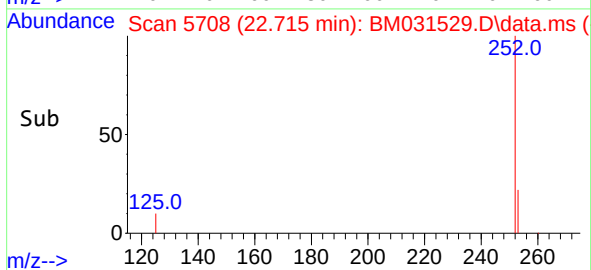
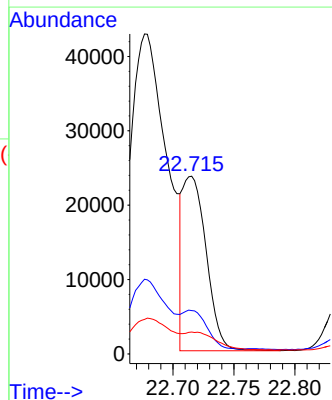
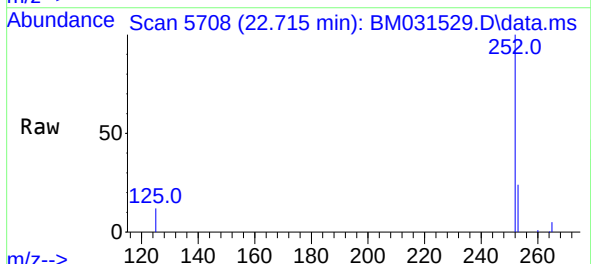
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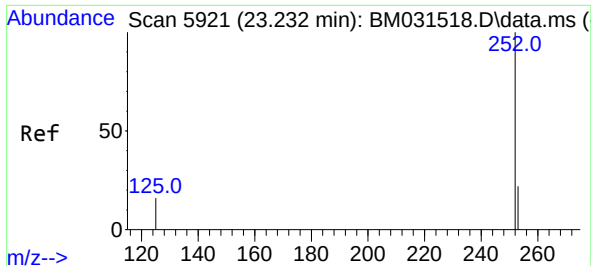
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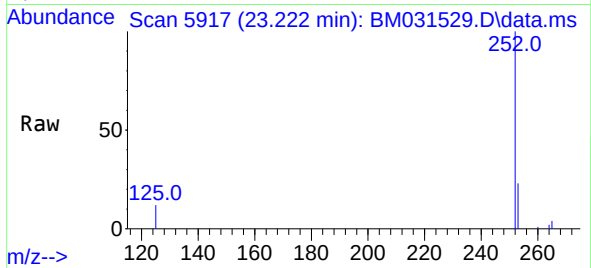
#25
Benzo(k)fluoranthene
Concen: 1.609 ng/ul m
RT: 22.715 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26

Tgt Ion:252	Resp:	31446
Ion Ratio	Lower	Upper
252	100	
253	24.4	21.3 31.9
125	12.4	8.8 13.2

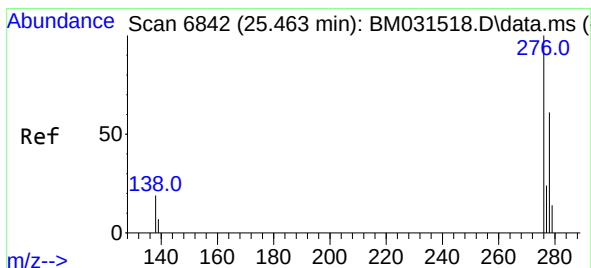
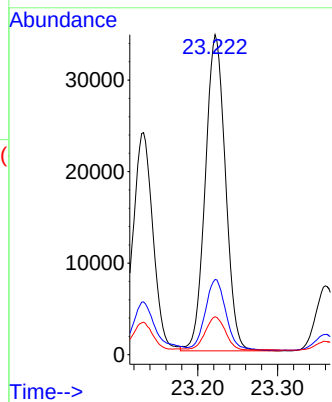
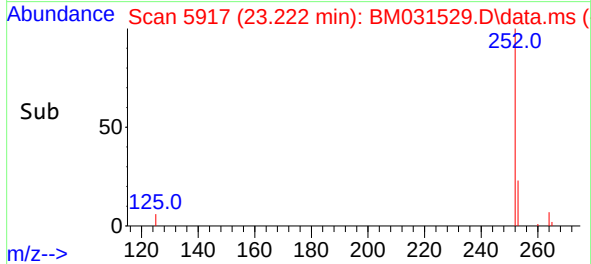




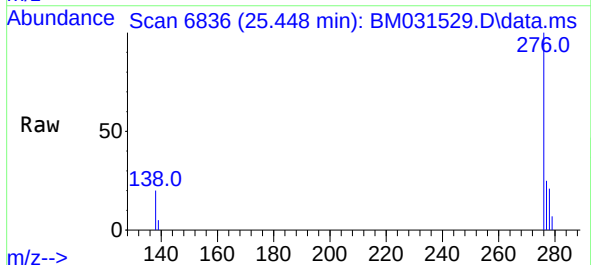
#26
Benzo(a)pyrene
Concen: 3.653 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.010 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



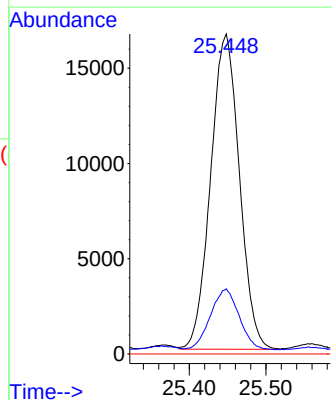
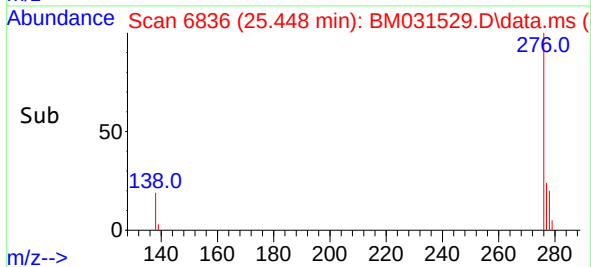
Tgt Ion:252 Resp: 60518
Ion Ratio Lower Upper
252 100
253 23.5 22.4 33.6
125 11.9 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.014 ng/ul
RT: 25.448 min Scan# 6836
Delta R.T. -0.015 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



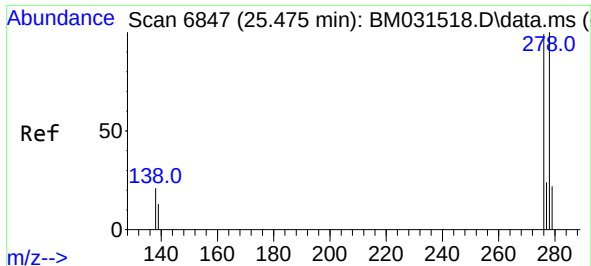
Tgt Ion:276 Resp: 43132
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0



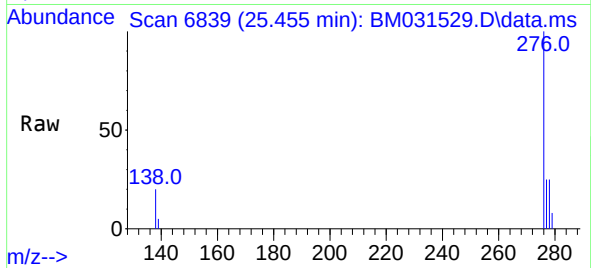
Instrument :
BNA_M
ClientSampleId :
C00A0

Manual Integrations
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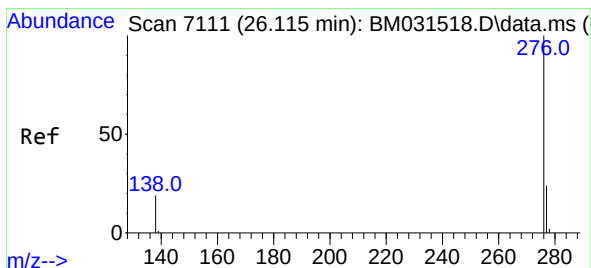
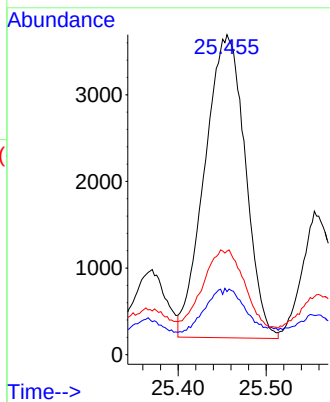
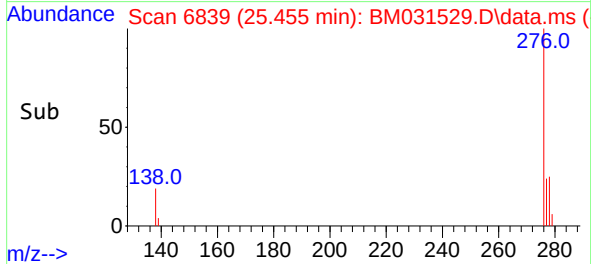
mohammad
8/9/2021 12:12:47 PM



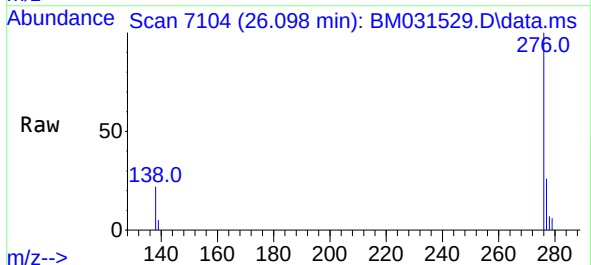
#28
Dibenzo(a,h)anthracene
Concen: 0.648 ng/ul
RT: 25.455 min Scan# 6839
Delta R.T. -0.020 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



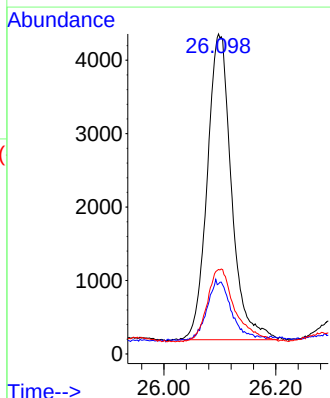
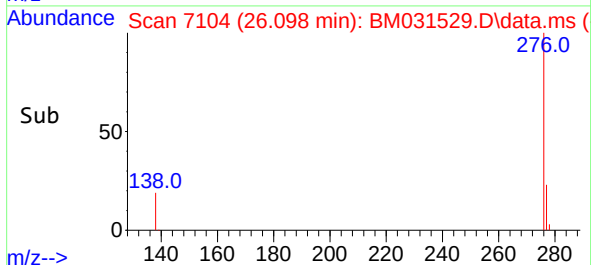
Tgt Ion: 278 Resp: 11181
Ion Ratio Lower Upper
278 100
139 19.7 13.3 19.9
279 32.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.685 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031529.D
Acq: 06 Aug 2021 23:26



Tgt Ion: 276 Resp: 12510
Ion Ratio Lower Upper
276 100
138 21.9 15.4 23.2
277 26.4 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A0

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8/9/2021 12:12:47 PM