

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030885.D
 Acq On : 08 Jul 2021 15:17
 Operator : CG/JU
 Sample : M2825-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD4

Manual Integrations
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Quant Time: Jul 08 16:01:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2288	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	9193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	5250	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.131	188	9406	0.400	ng/ul	-0.02
17) Chrysene-d12	21.304	240	6717	0.400	ng/ul	-0.01
23) Perylene-d12	23.549	264	6089	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2139	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.155	152	2093	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.157	212	3571	0.185	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.599	128	2025	0.077	ng/ul#	90
7) 2-Methylnaphthalene	12.227	142	398	0.023	ng/ul	98
8) 1-Methylnaphthalene	12.443	142	475	0.028	ng/ul	96
10) Acenaphthylene	14.114	152	2282	0.097	ng/ul#	92
11) Acenaphthene	14.455	153	2803	0.148	ng/ul	99
12) Fluorene	15.445	166	3334	0.159	ng/ul#	98
15) Phenanthrene	17.173	178	45581	1.441	ng/ul	100
16) Anthracene	17.266	178	16156	0.583	ng/ul	98
19) Fluoranthene	19.188	202	84981	2.866	ng/ul	97
20) Pyrene	19.546	202	68000	2.281	ng/ul	99
21) Benzo(a)anthracene	21.290	228	34390	1.284	ng/ul	96
22) Chrysene	21.340	228	28862	0.962	ng/ul	97
24) Benzo(b)fluoranthene	22.876	252	34935m	1.295	ng/ul	
25) Benzo(k)fluoranthene	22.912	252	13959m	0.502	ng/ul	
26) Benzo(a)pyrene	23.450	252	20934	0.913	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.822	276	13186	0.441	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.824	278	3626	0.151	ng/ul#	76
29) Benzo(g,h,i)perylene	26.522	276	1603	0.062	ng/ul#	74

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

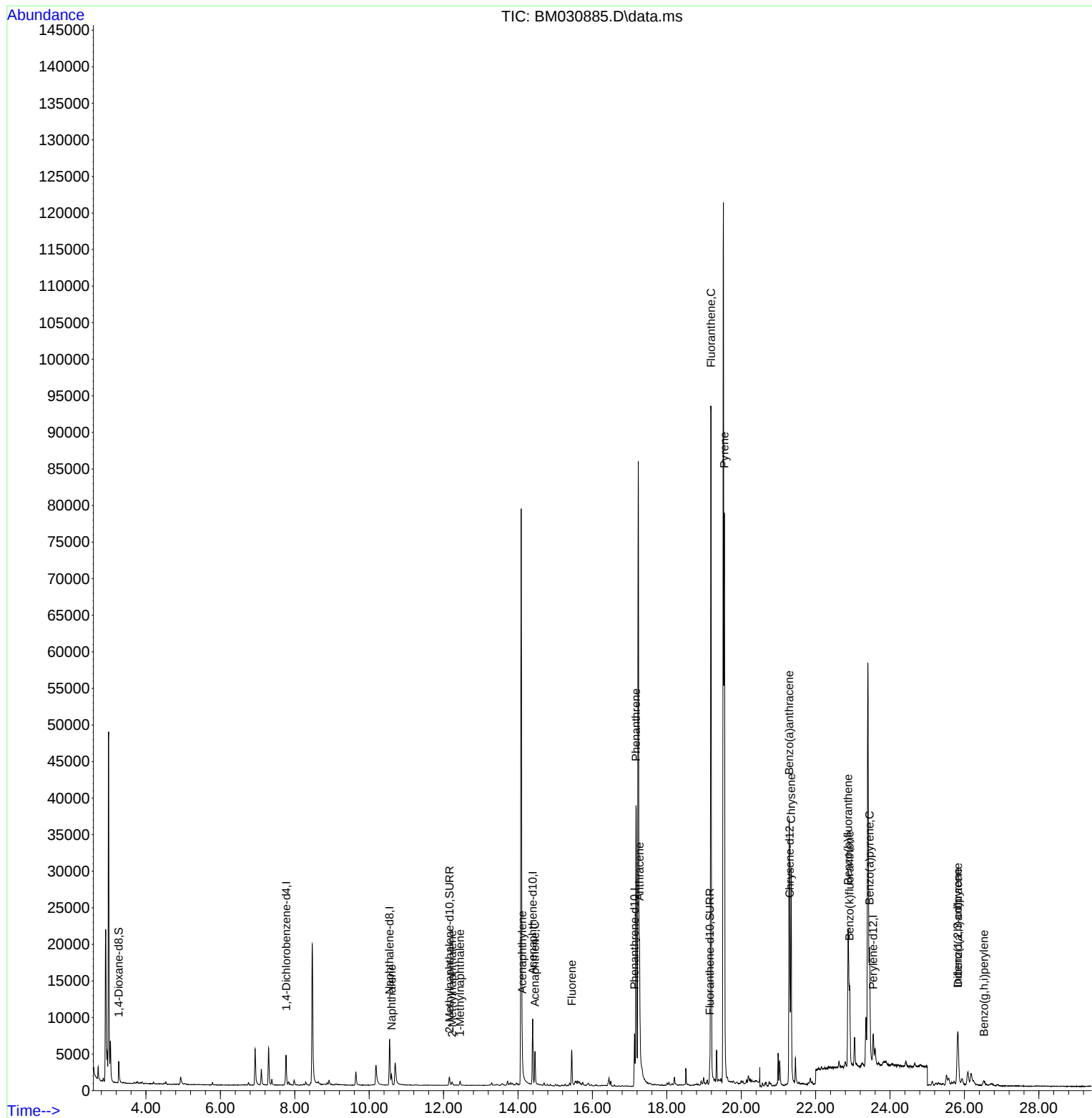
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030885.D
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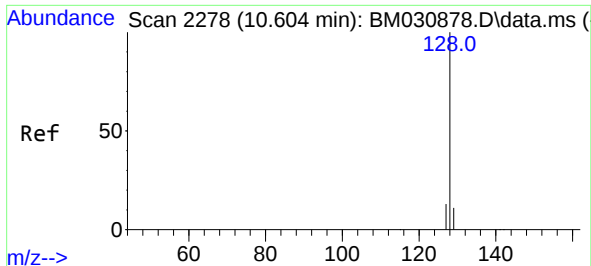
Instrument :
BNA_M
ClientSampleId :
BGDP4

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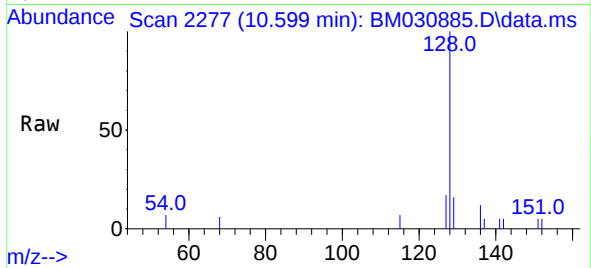
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Quant Time: Jul 08 16:01:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

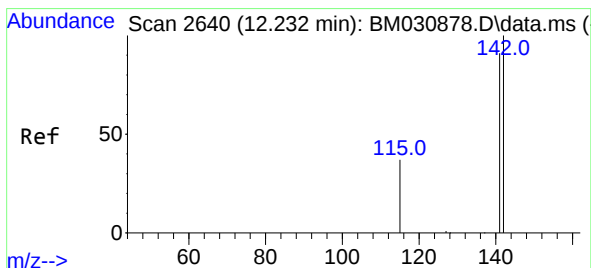
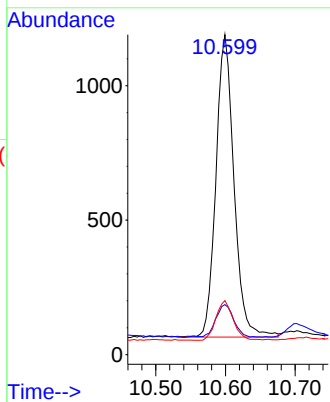
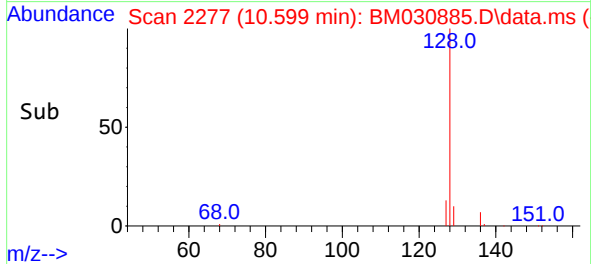




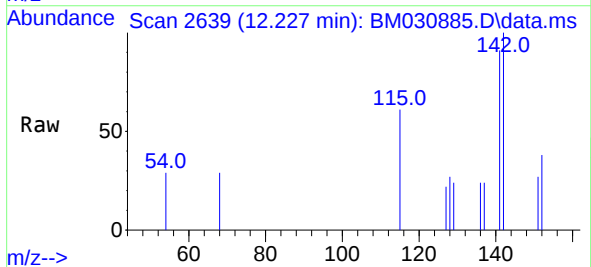
#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.599 min Scan# 2277
Delta R.T. -0.004 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



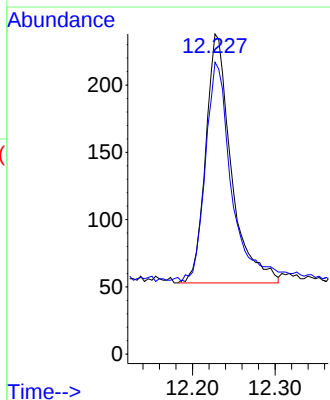
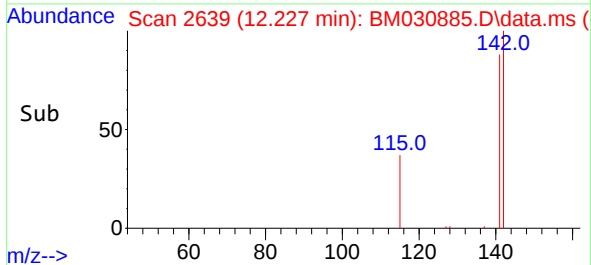
Tgt Ion:128 Resp: 2025
Ion Ratio Lower Upper
128 100
129 15.6 9.0 13.6#
127 16.9 10.9 16.3#



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



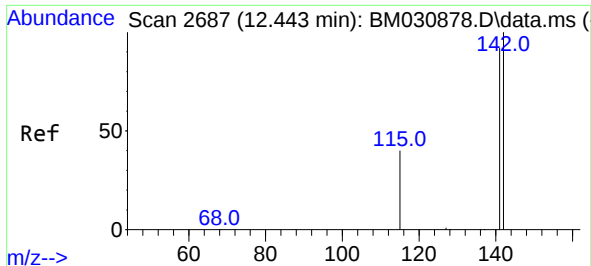
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.0



Instrument :
BNA_M
ClientSampled :
BGDP4

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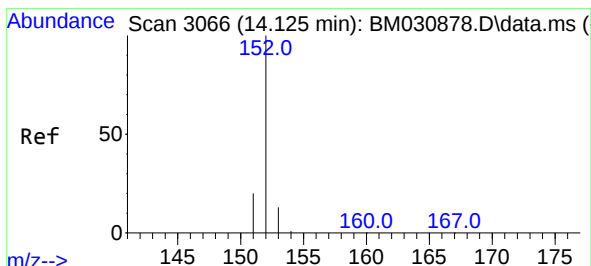
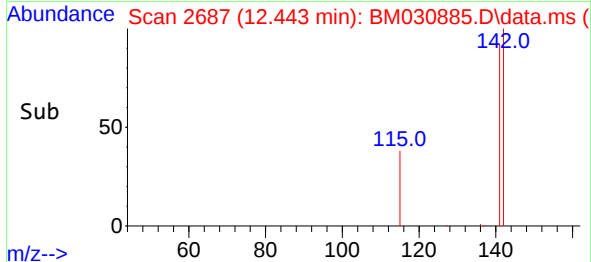
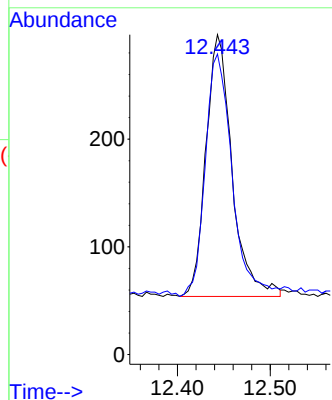
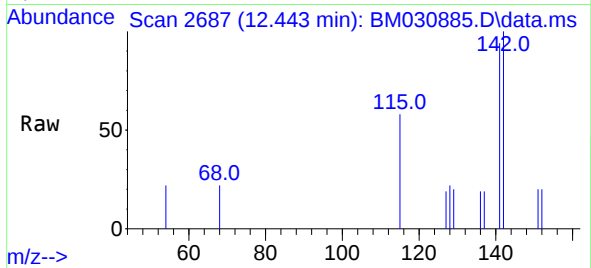
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1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.443 min Scan# 2687
Delta R.T. 0.000 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
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Instrument :
BNA_M
ClientSampled :
BGDP4

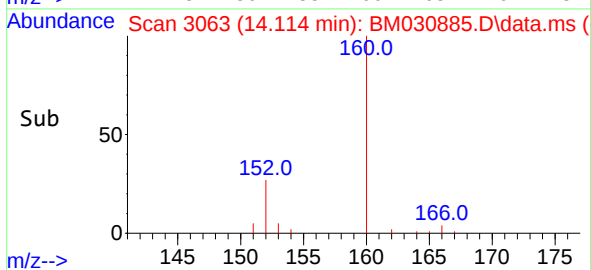
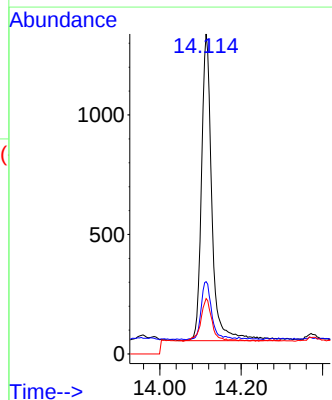
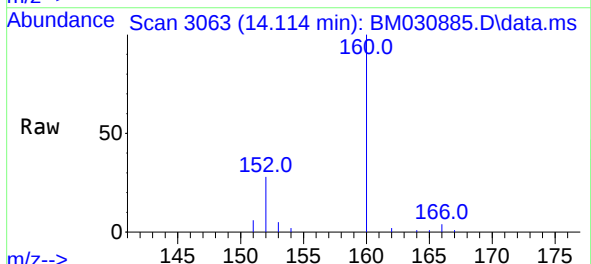
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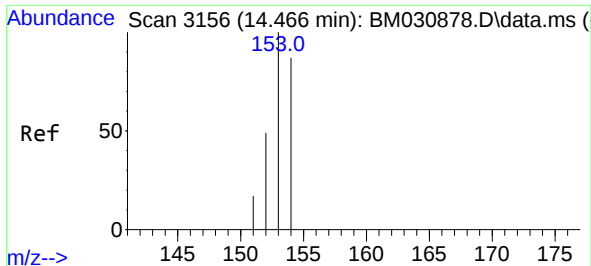
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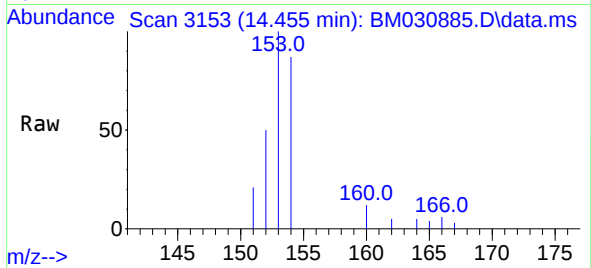
#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.114 min Scan# 3063
Delta R.T. -0.011 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:152 Resp: 2282
Ion Ratio Lower Upper
152 100
151 22.6 15.5 23.3
153 17.3 10.7 16.1#

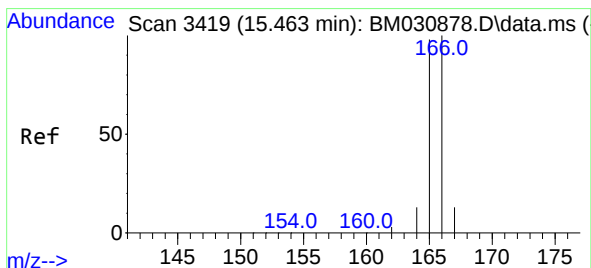
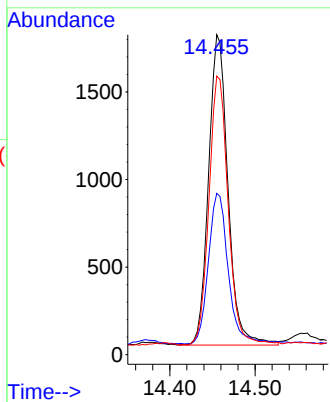
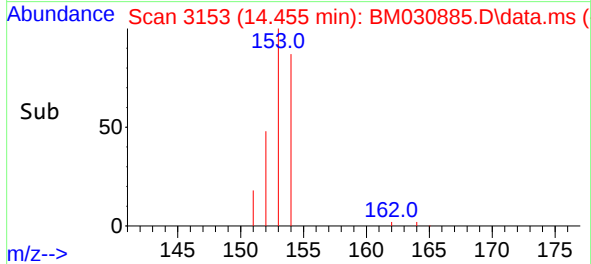




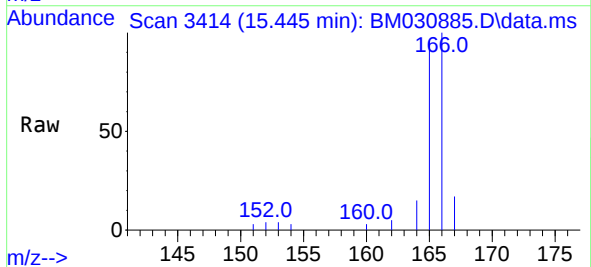
#11
Acenaphthene
Concen: 0.148 ng/ul
RT: 14.455 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



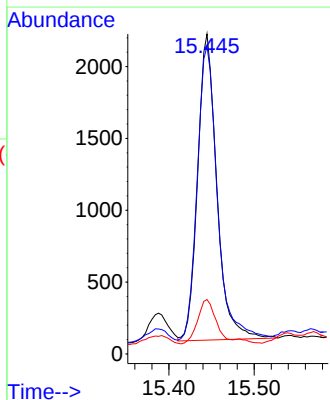
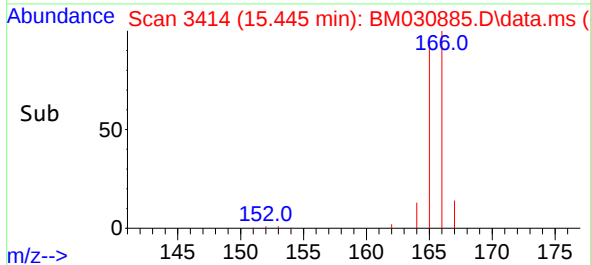
Tgt Ion:153 Resp: 2803
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.2
154 87.0 71.2 106.8



#12
Fluorene
Concen: 0.159 ng/ul
RT: 15.445 min Scan# 3414
Delta R.T. -0.019 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



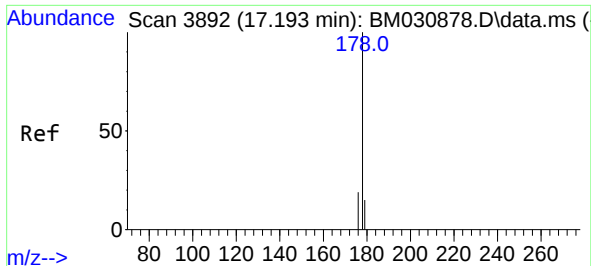
Tgt Ion:166 Resp: 3334
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 17.0 11.3 16.9#



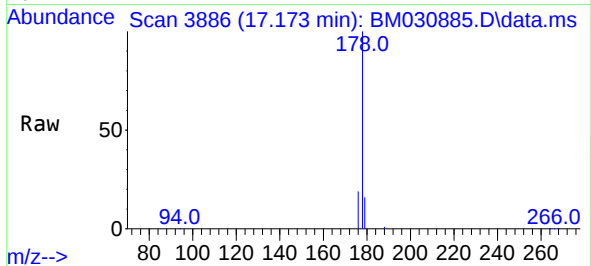
Instrument :
BNA_M
ClientSampled :
BGDP4

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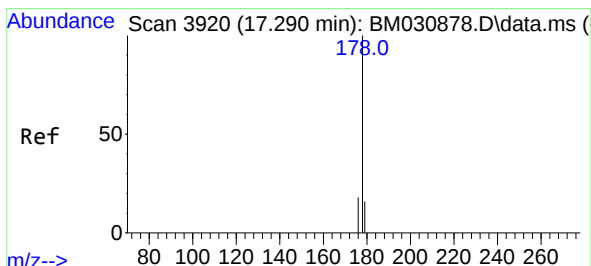
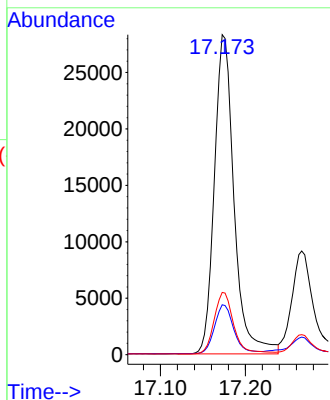
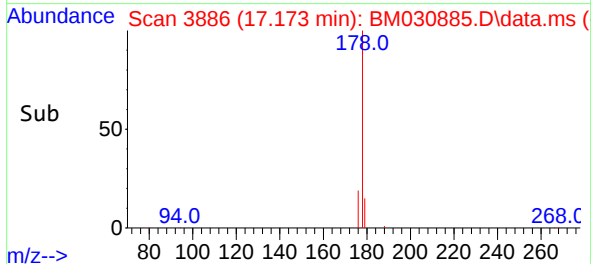


#15
Phenanthrene
Concen: 1.441 ng/ul
RT: 17.173 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

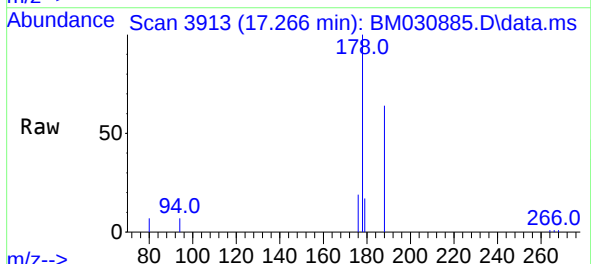


Tgt Ion:178 Resp: 45581

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.4	15.5	23.3

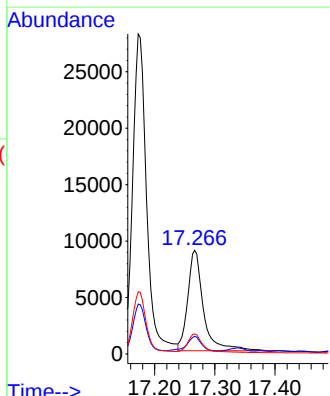
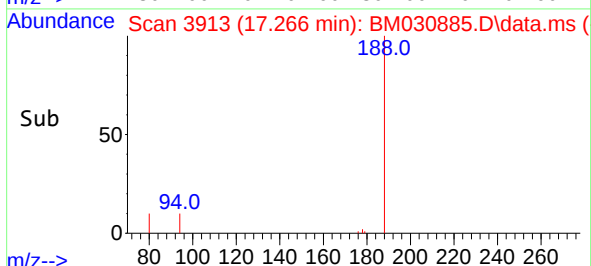


#16
Anthracene
Concen: 0.583 ng/ul
RT: 17.266 min Scan# 3913
Delta R.T. -0.024 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



Tgt Ion:178 Resp: 16156

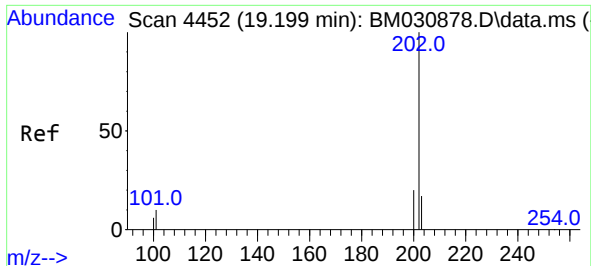
Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.7	19.1
176	19.4	15.2	22.8



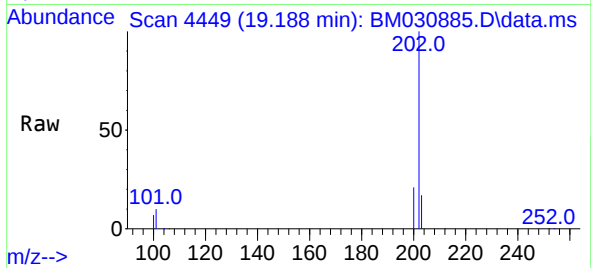
Instrument :
BNA_M
ClientSampled :
BGDP4

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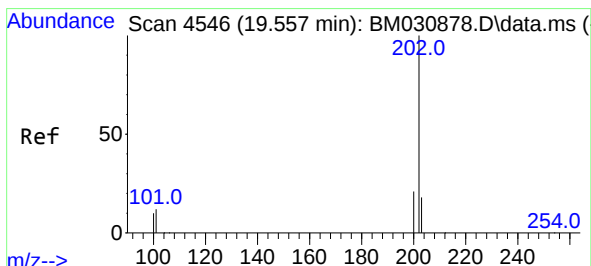
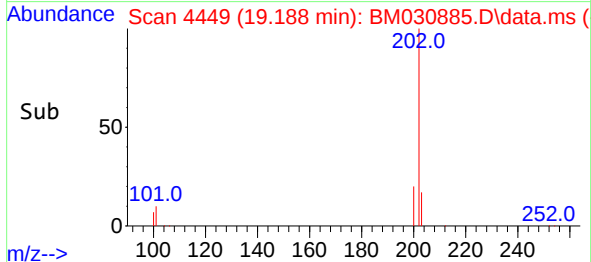
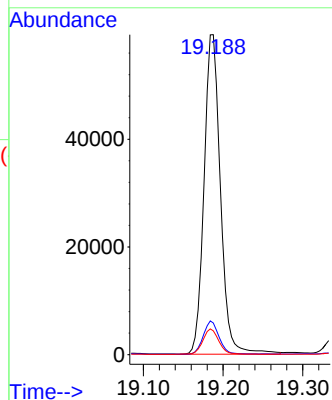
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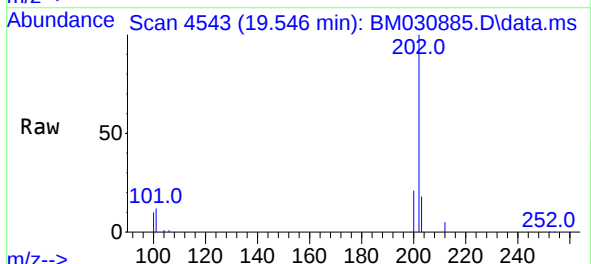
#19
Fluoranthene
Concen: 2.866 ng/u1
RT: 19.188 min Scan# 4449
Delta R.T. -0.011 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



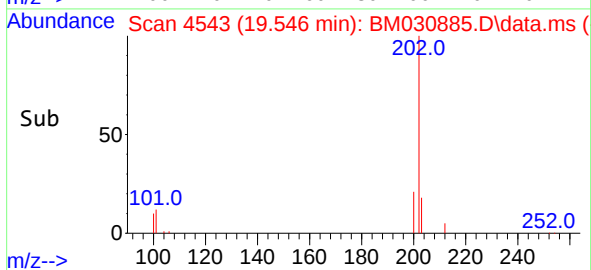
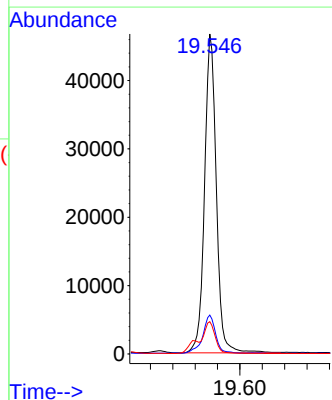
Tgt Ion:202 Resp: 84981
Ion Ratio Lower Upper
202 100
101 9.9 8.8 13.2
100 7.4 6.9 10.3



#20
Pyrene
Concen: 2.281 ng/u1
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



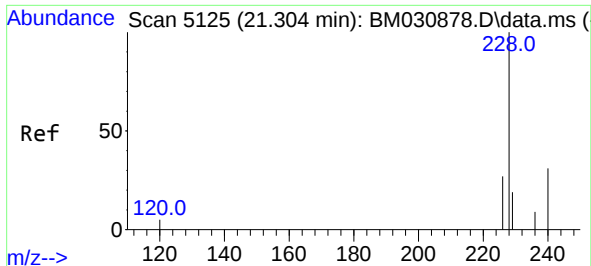
Tgt Ion:202 Resp: 68000
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 10.1 8.2 12.2



Instrument :
BNA_M
ClientSampleId :
BGDP4

Manual Integrations
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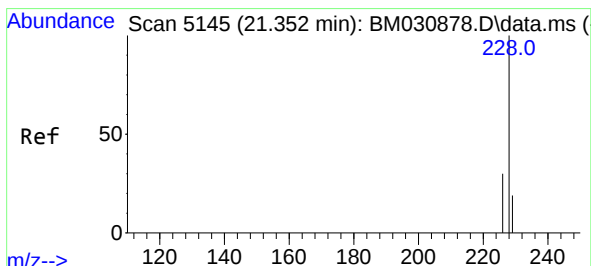
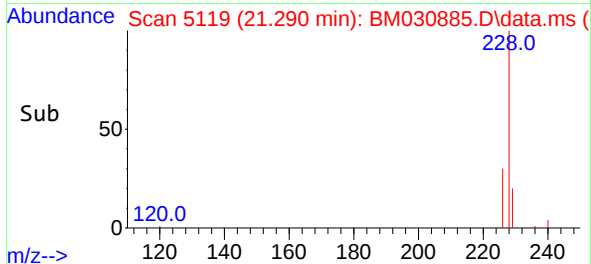
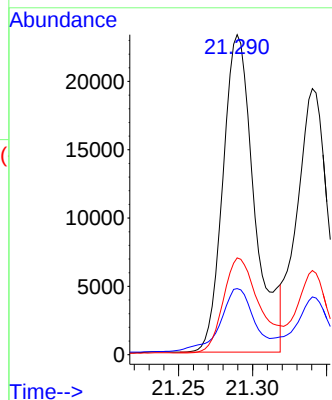
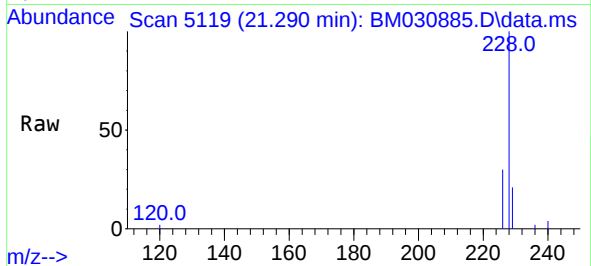
#21
Benzo(a)anthracene
Concen: 1.284 ng/ul
RT: 21.290 min Scan# 5119
Delta R.T. -0.014 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:228	Resp:	34390
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.8 23.6
226	30.3	22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDP4

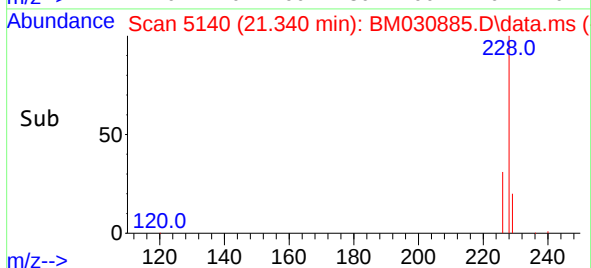
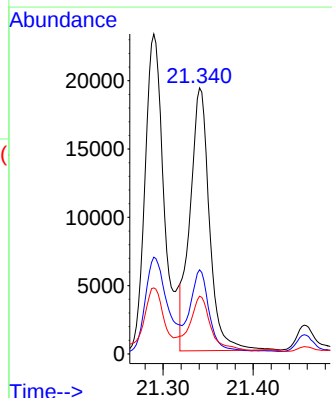
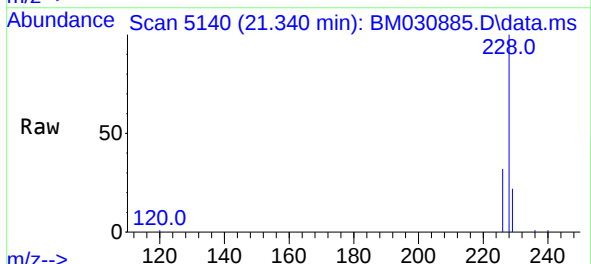
Manual Integrations
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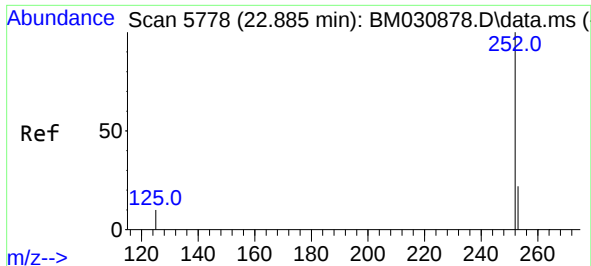
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7/9/2021 2:48:00 PM



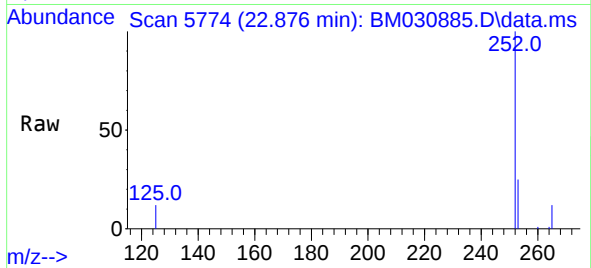
#22
Chrysene
Concen: 0.962 ng/ul
RT: 21.340 min Scan# 5140
Delta R.T. -0.012 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:228	Resp:	28862
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.4 36.6
229	21.7	15.4 23.0

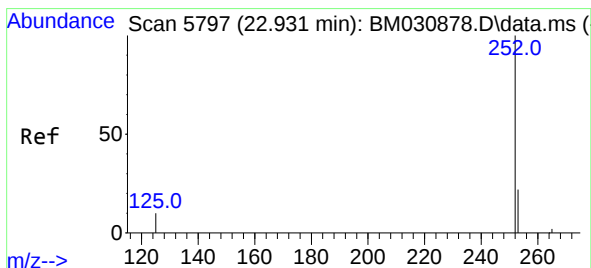
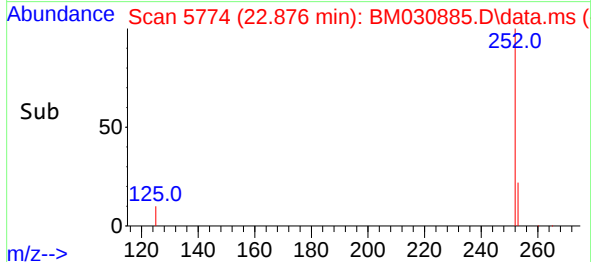
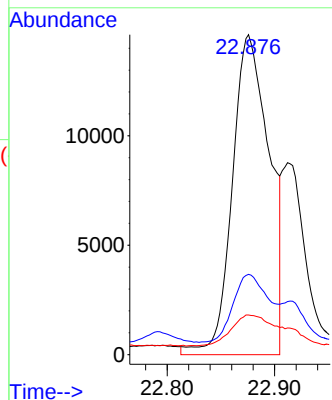




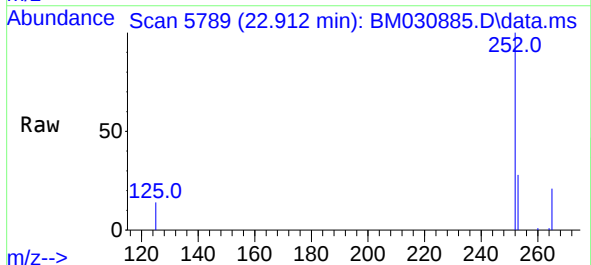
#24
Benzo(b)fluoranthene
Concen: 1.295 ng/ul m
RT: 22.876 min Scan# 5774
Delta R.T. -0.010 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



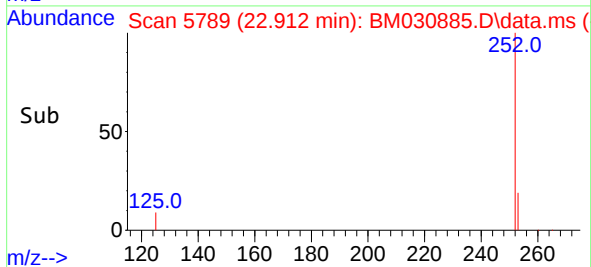
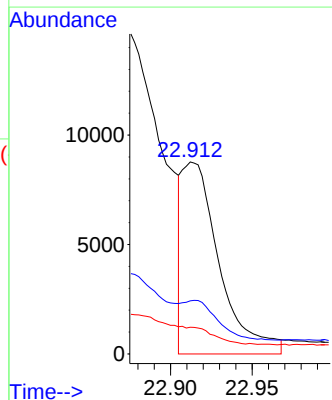
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Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.2
125 12.4 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.502 ng/ul m
RT: 22.912 min Scan# 5789
Delta R.T. -0.019 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17



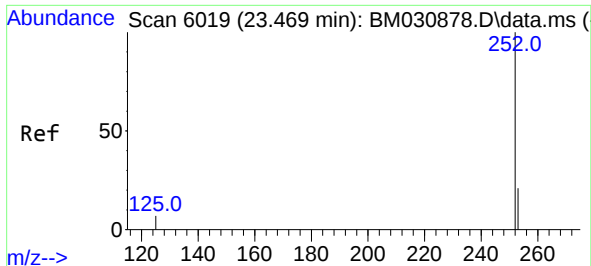
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Ion Ratio Lower Upper
252 100
253 27.6 20.6 31.0
125 13.9 11.0 16.4



Instrument :
BNA_M
ClientSampled :
BGDP4

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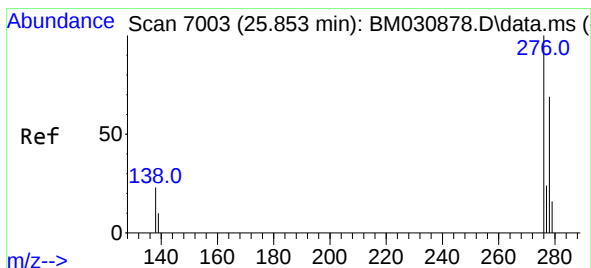
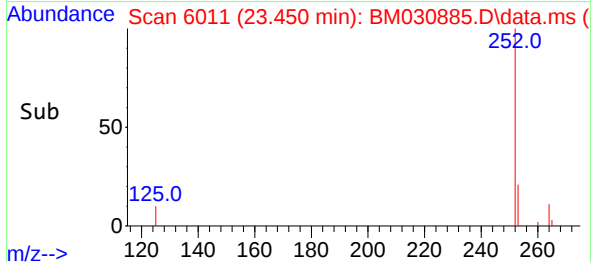
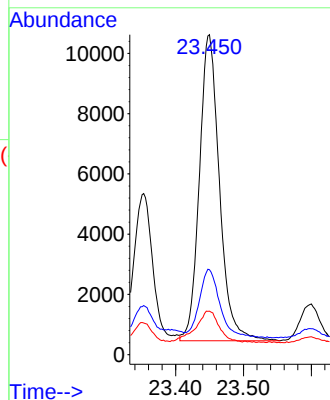
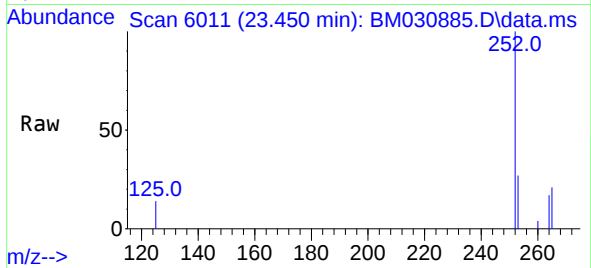
#26
Benzo(a)pyrene
Concen: 0.913 ng/ul
RT: 23.450 min Scan# 6011
Delta R.T. -0.019 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:	252	Resp:	20934
Ion Ratio	Lower	Upper	
252	100		
253	26.5	22.0	33.0
125	13.6	13.4	20.2

Instrument :
BNA_M
ClientSampled :
BGDP4

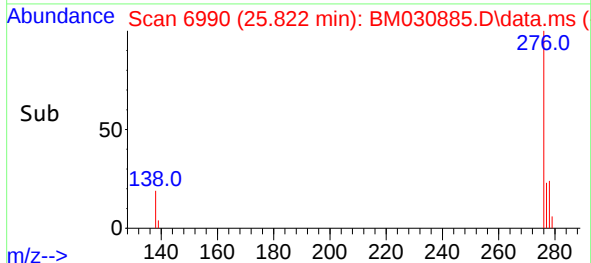
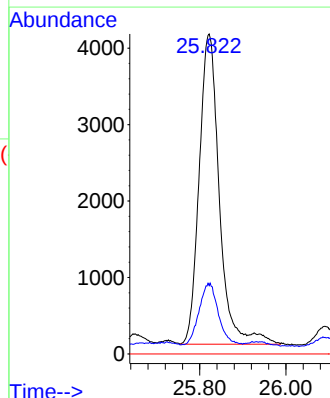
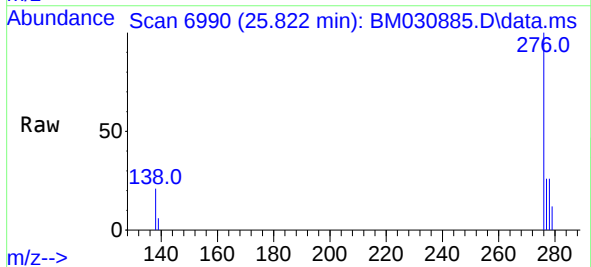
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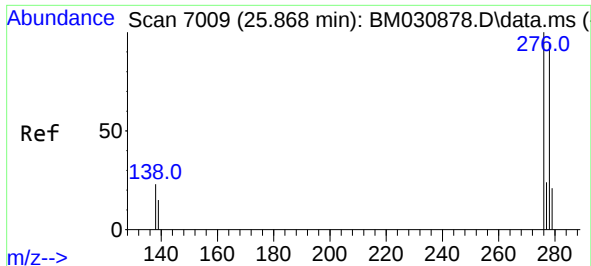
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 25.822 min Scan# 6990
Delta R.T. -0.031 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion:	276	Resp:	13186
Ion Ratio	Lower	Upper	
276	100		
138	18.6	19.1	28.7#
227	0.0	0.0	0.0





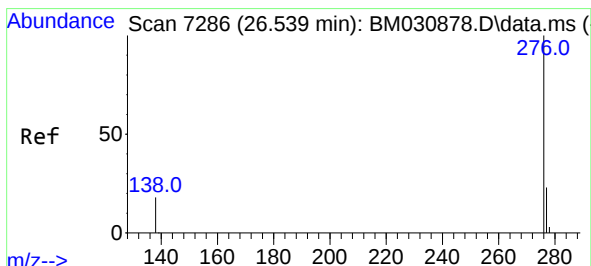
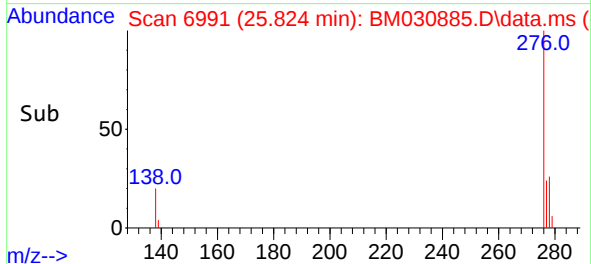
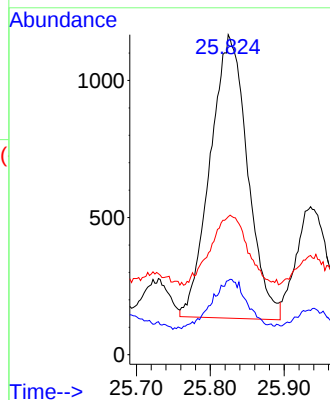
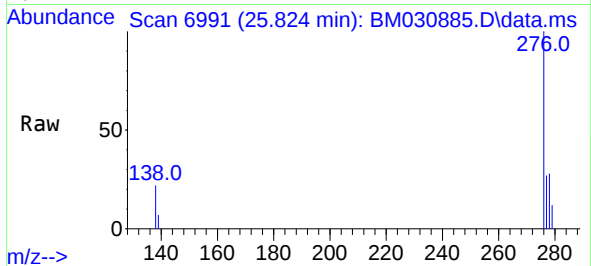
#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.824 min Scan# 6991
Delta R.T. -0.043 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion: 278 Resp: 3626
Ion Ratio Lower Upper
278 100
139 23.1 14.2 21.4#
279 43.1 21.6 32.4#

Instrument :
BNA_M
ClientSampleId :
BGDP4

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#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.522 min Scan# 7279
Delta R.T. -0.017 min
Lab File: BM030885.D
Acq: 08 Jul 2021 15:17

Tgt Ion: 276 Resp: 1603
Ion Ratio Lower Upper
276 100
138 33.9 18.0 27.0#
277 38.3 19.5 29.3#

