

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030897.D
 Acq On : 08 Jul 2021 22:41
 Operator : CG/JU
 Sample : M2825-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD4DL

Manual Integrations
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Quant Time: Jul 09 02:53:33 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 : Fri Jul 09 02:52:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.559	136	8629	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.402	164	4017	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.145	188	6433	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	5505	0.400	ng/ul	0.00
23) Perylene-d12	23.554	264	5302	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	518	0.199	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.182	152	317	0.023	ng/ul	0.03
18) Fluoranthene-d10	19.157	212	501	0.032	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.125	152	368	0.021	ng/ul#	52
11) Acenaphthene	14.466	153	432	0.030	ng/ul	95
12) Fluorene	15.456	166	467	0.029	ng/ul#	92
15) Phenanthrene	17.183	178	5879	0.272	ng/ul	96
16) Anthracene	17.277	178	2280	0.120	ng/ul#	87
19) Fluoranthene	19.192	202	11447	0.471	ng/ul	98
20) Pyrene	19.550	202	9572	0.392	ng/ul	99
21) Benzo(a)anthracene	21.294	228	5436	0.248	ng/ul	92
22) Chrysene	21.345	228	5073	0.206	ng/ul	95
24) Benzo(b)fluoranthene	22.878	252	6289m	0.268	ng/ul	
25) Benzo(k)fluoranthene	22.919	252	2926m	0.121	ng/ul	
26) Benzo(a)pyrene	23.452	252	3636	0.182	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.836	276	2723	0.105	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.846	278	775	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	26.529	276	469	0.021	ng/ul#	29

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

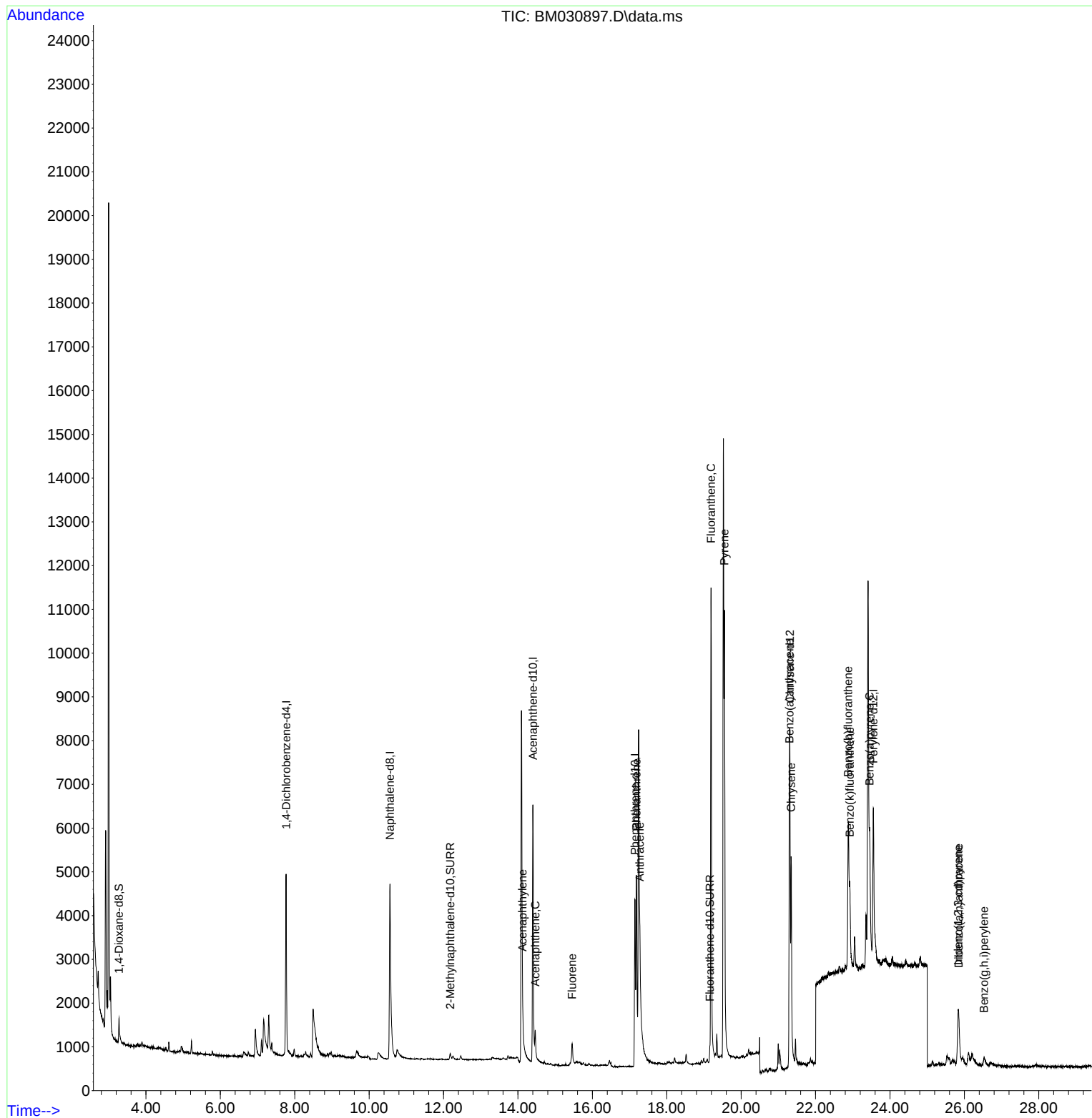
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030897.D
Acq On : 08 Jul 2021 22:41
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

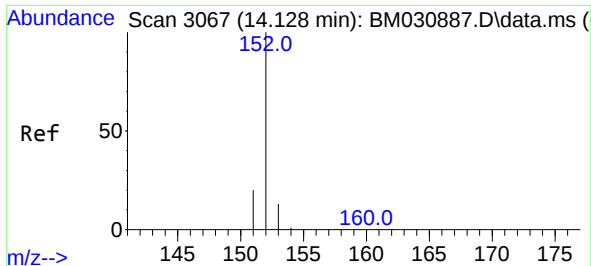
Instrument :
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BGDP4DL

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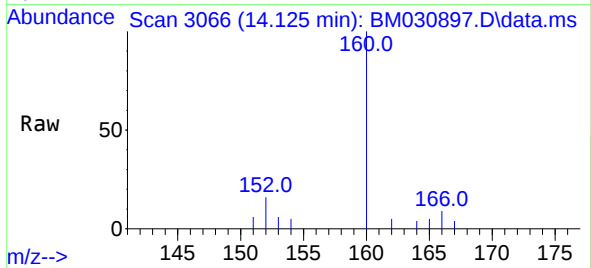
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Quant Time: Jul 09 02:53:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration

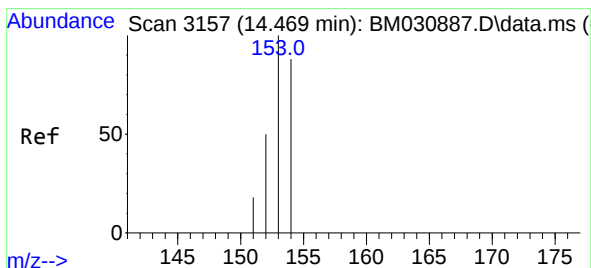
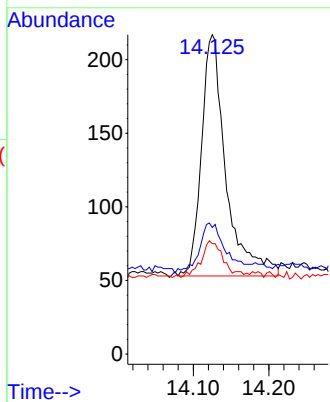
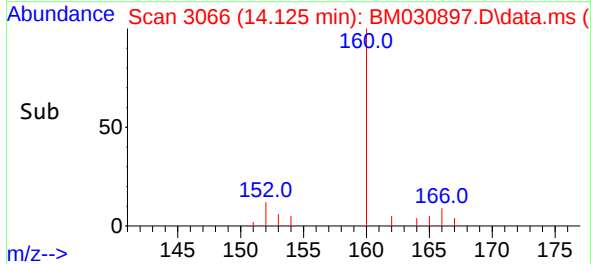




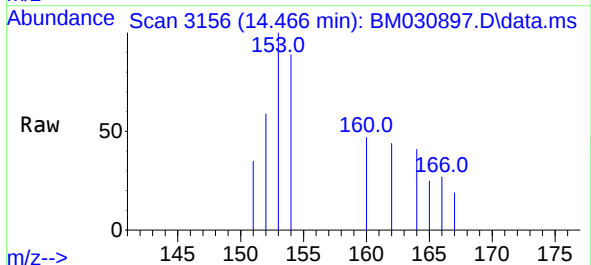
#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.125 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41



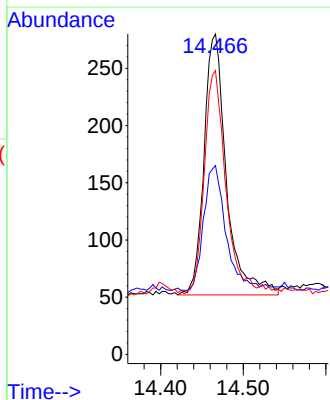
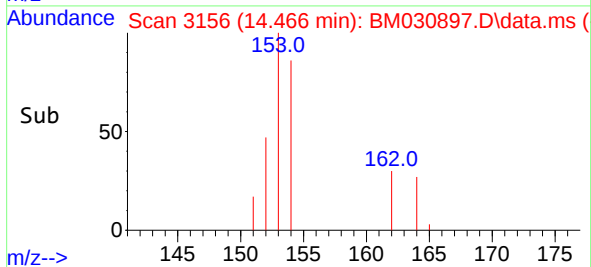
Tgt Ion:152 Resp: 368
Ion Ratio Lower Upper
152 100
151 39.6 15.5 23.3#
153 34.6 10.7 16.1#



#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.466 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41



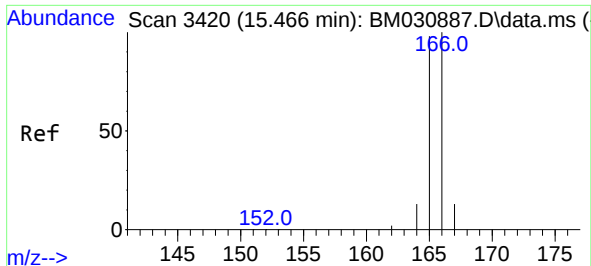
Tgt Ion:153 Resp: 432
Ion Ratio Lower Upper
153 100
152 58.9 40.2 60.2
154 88.6 71.2 106.8



Instrument :
BNA_M
ClientSampled :
BGDP4DL

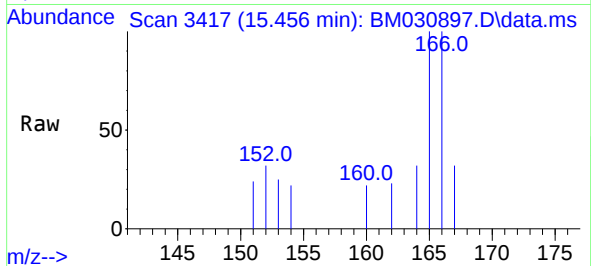
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#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.456 min Scan# 3417
Delta R.T. -0.008 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

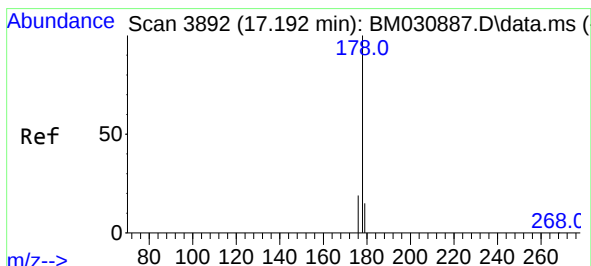
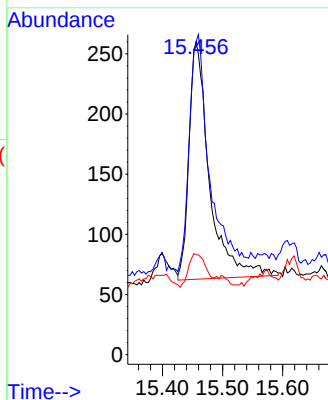
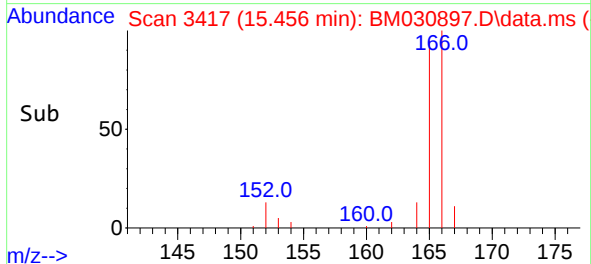
Instrument :
BNA_M
ClientSampled :
BGDP4DL



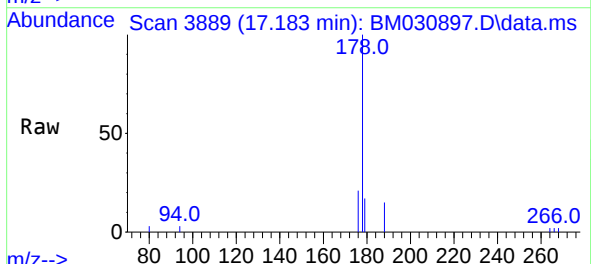
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Ion Ratio Lower Upper
166 100
165 100.0 77.7 116.5
167 31.9 11.3 16.9#

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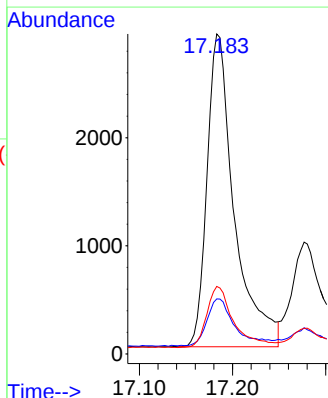
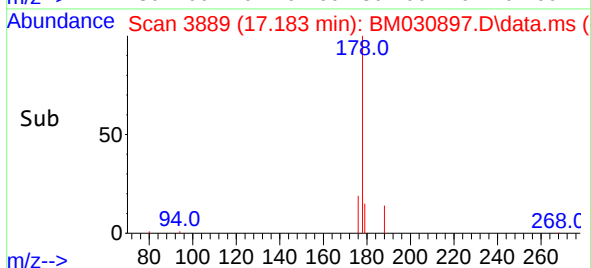
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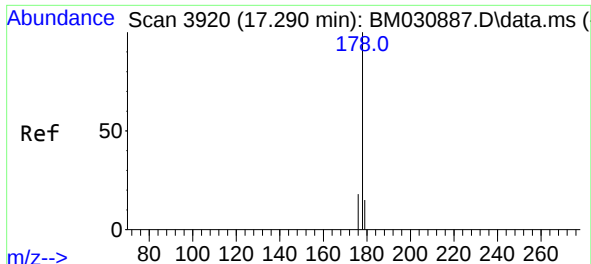


#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 17.183 min Scan# 3889
Delta R.T. -0.010 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41



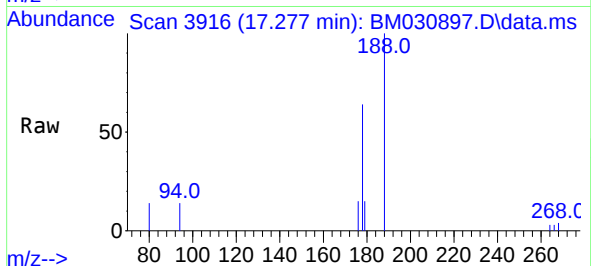
Tgt Ion:178 Resp: 5879
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 21.1 15.5 23.3





#16
 Anthracene
 Concen: 0.120 ng/ul
 RT: 17.277 min Scan# 3916
 Delta R.T. -0.014 min
 Lab File: BM030897.D
 Acq: 08 Jul 2021 22:41

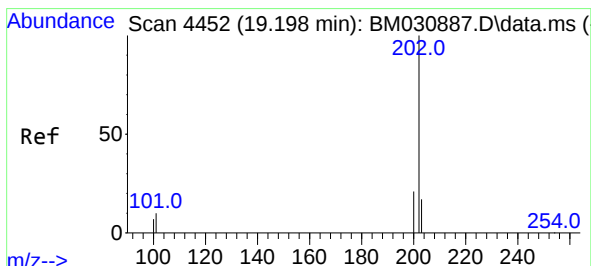
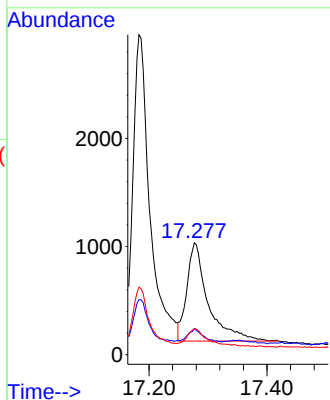
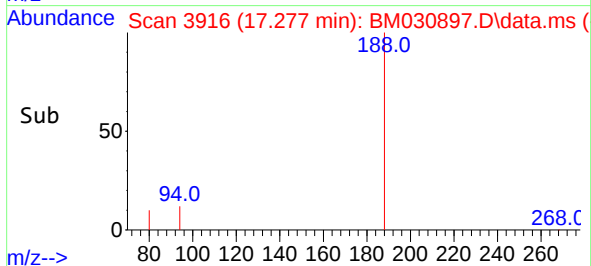
Instrument :
 BNA_M
 ClientSampleId :
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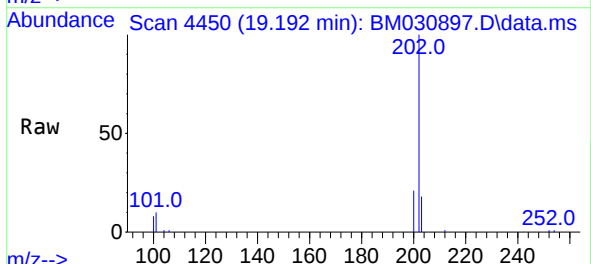
Tgt Ion:178 Resp: 2280
 Ion Ratio Lower Upper
 178 100
 179 23.5 12.7 19.1#
 176 22.8 15.2 22.8#

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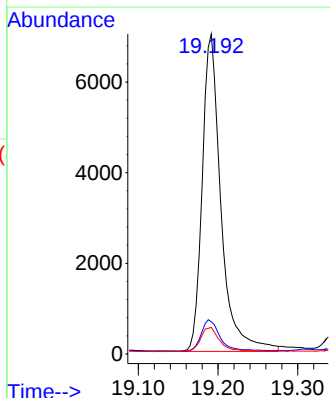
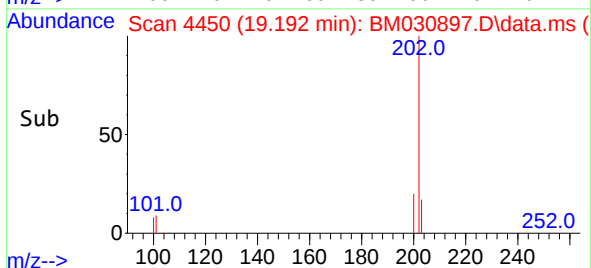
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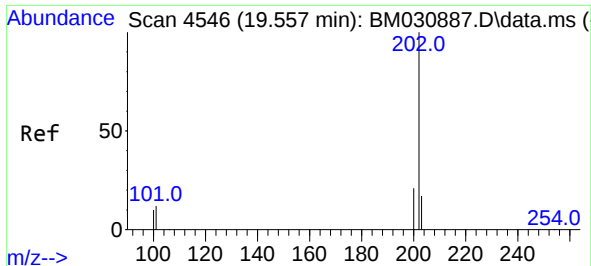


#19
 Fluoranthene
 Concen: 0.471 ng/ul
 RT: 19.192 min Scan# 4450
 Delta R.T. -0.008 min
 Lab File: BM030897.D
 Acq: 08 Jul 2021 22:41



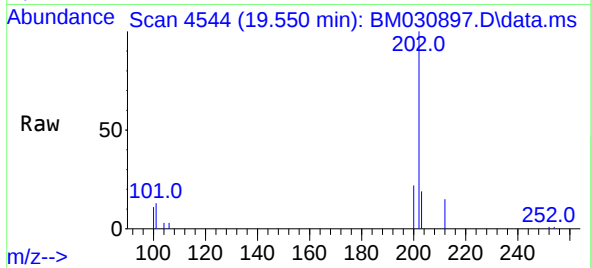
Tgt Ion:202 Resp: 11447
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.8 13.2
 100 8.3 6.9 10.3





#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.550 min Scan# 4544
Delta R.T. -0.008 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

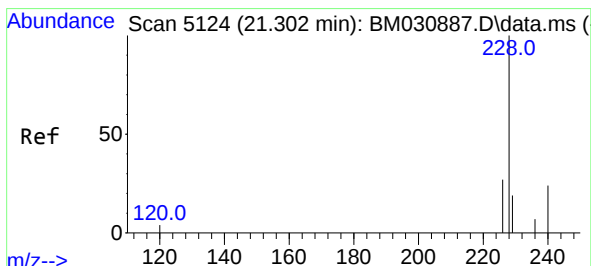
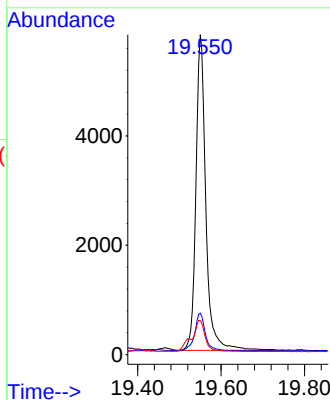
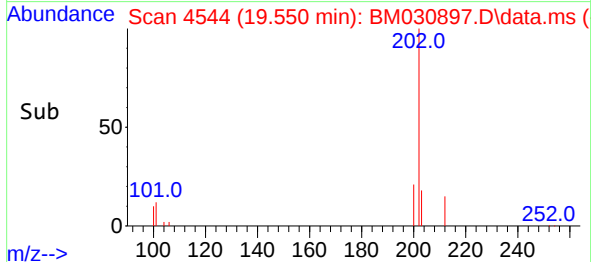
Instrument :
BNA_M
ClientSampleId :
BGDP4DL



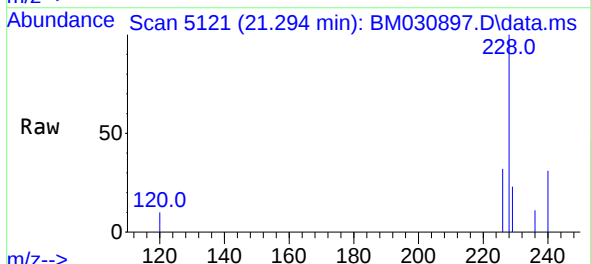
Tgt Ion:202 Resp: 9572
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.6 8.2 12.2

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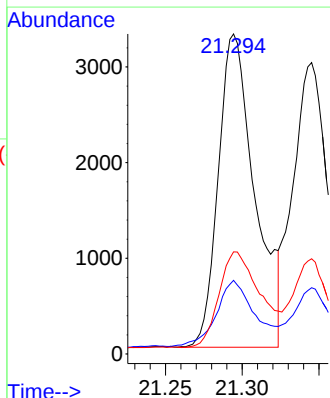
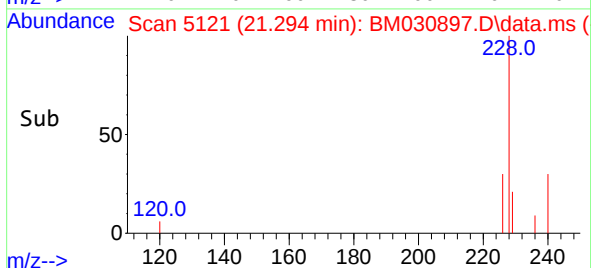
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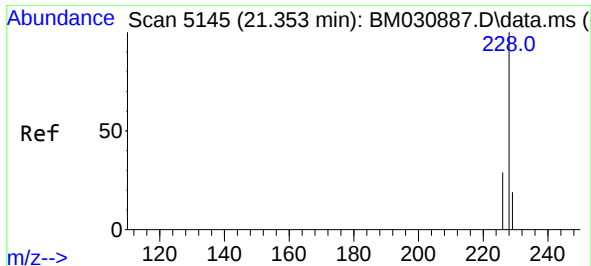


#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.294 min Scan# 5121
Delta R.T. -0.010 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41



Tgt Ion:228 Resp: 5436
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.6
226 31.9 22.2 33.4





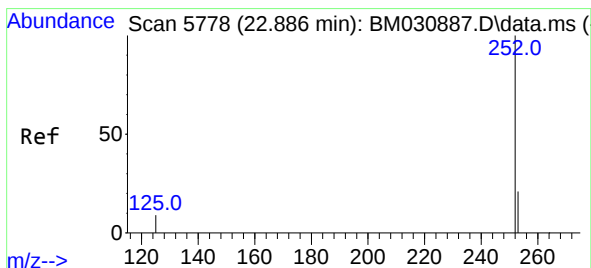
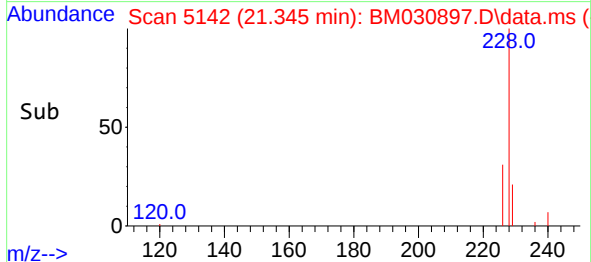
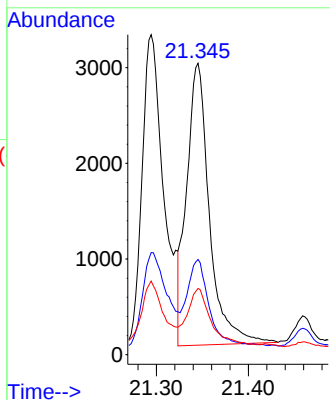
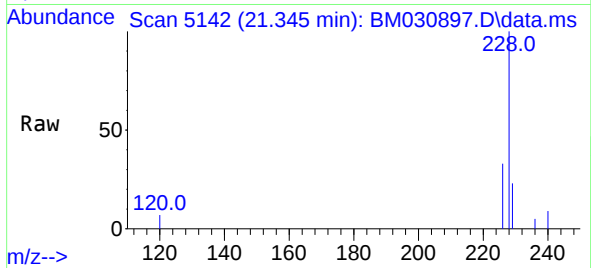
#22
Chrysene
Concen: 0.206 ng/ul
RT: 21.345 min Scan# 5142
Delta R.T. -0.007 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion:	228	Resp:	5073
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.4	36.6
229	22.7	15.4	23.0

Instrument :
BNA_M
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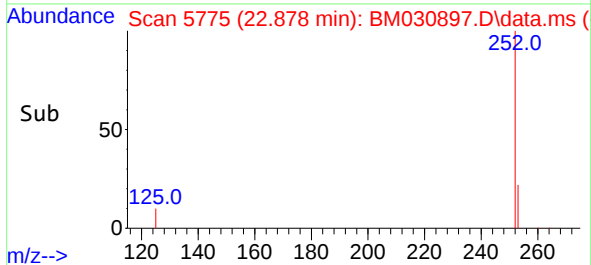
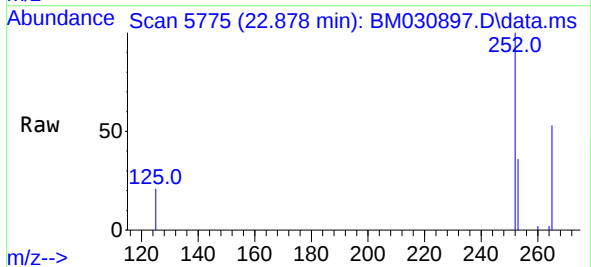
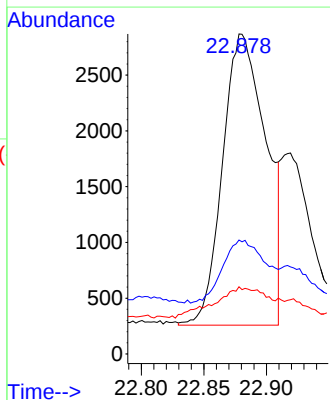
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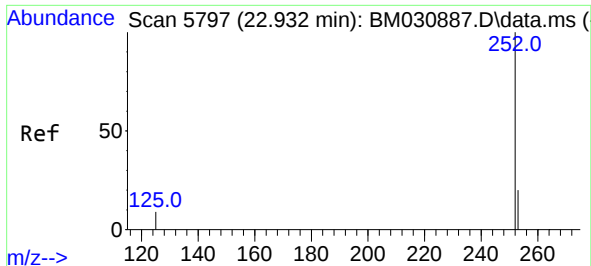
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#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.878 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion:	252	Resp:	6289
Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	50.2
125	21.0	0.0	27.8





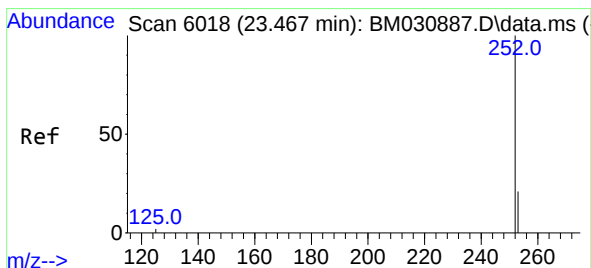
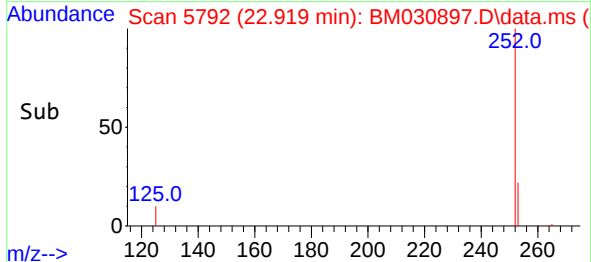
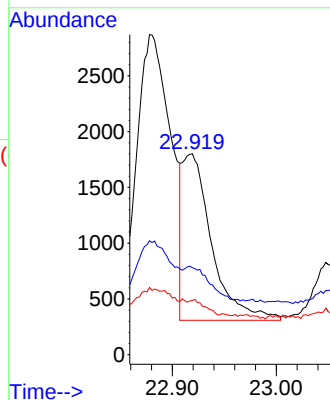
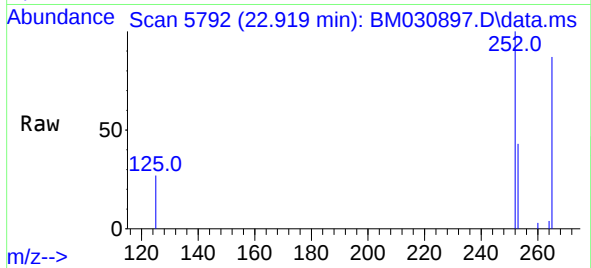
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Benzo(k)fluoranthene
Concen: 0.121 ng/ul m
RT: 22.919 min Scan# 5792
Delta R.T. -0.012 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion:	252	Resp:	2926
Ion Ratio	Lower	Upper	
252	100		
253	43.3	20.6	31.0#
125	27.0	11.0	16.4#

Instrument :
BNA_M
ClientSampled :
BGDP4DL

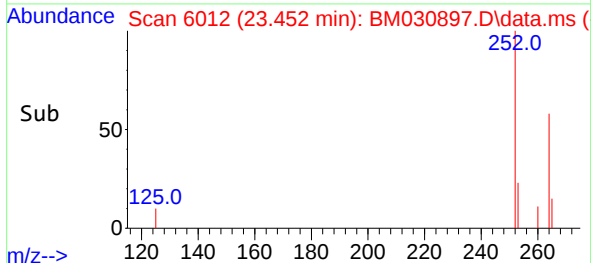
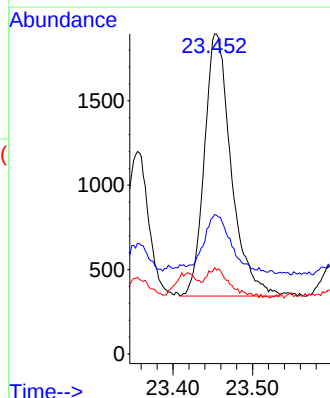
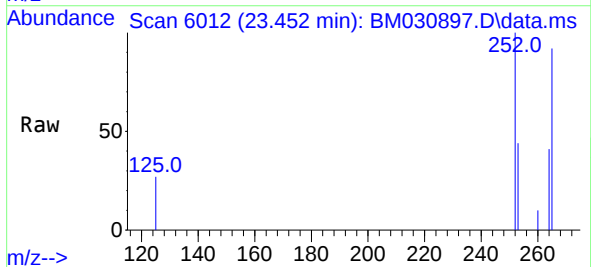
Manual Integrations
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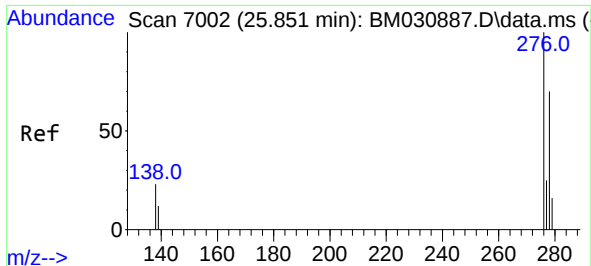
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#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.452 min Scan# 6012
Delta R.T. -0.017 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion:	252	Resp:	3636
Ion Ratio	Lower	Upper	
252	100		
253	43.6	22.0	33.0#
125	27.0	13.4	20.2#





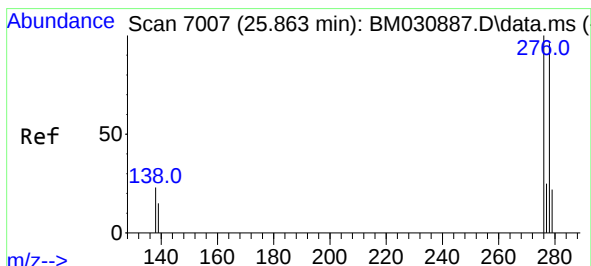
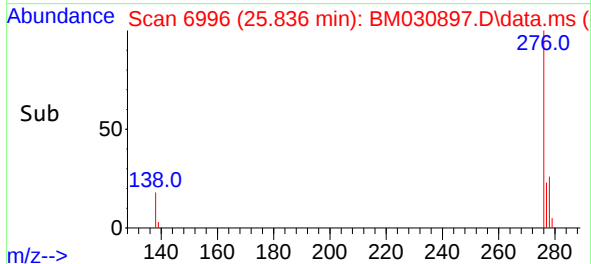
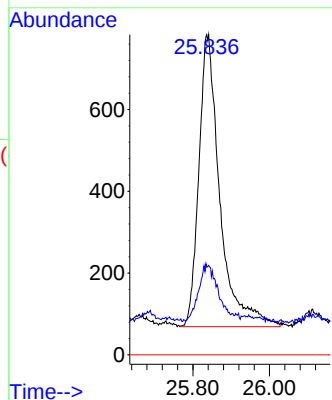
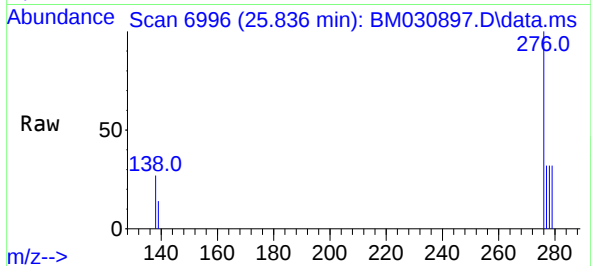
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.836 min Scan# 6996
Delta R.T. -0.017 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion: 276 Resp: 2723
Ion Ratio Lower Upper
276 100
138 18.3 19.1 28.7#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
BGDP4DL

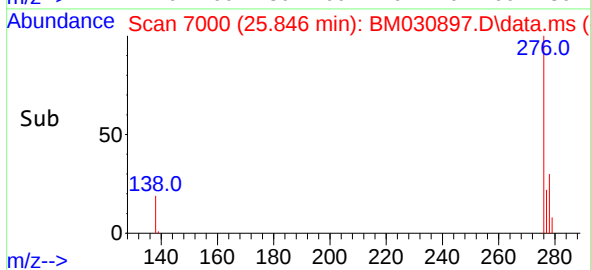
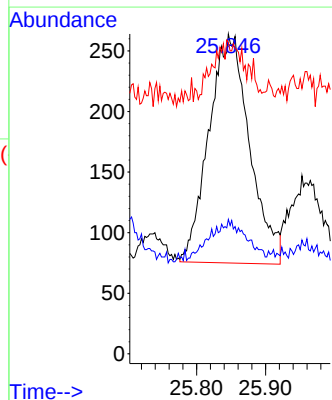
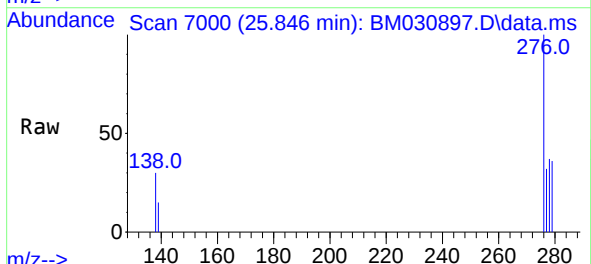
Manual Integrations
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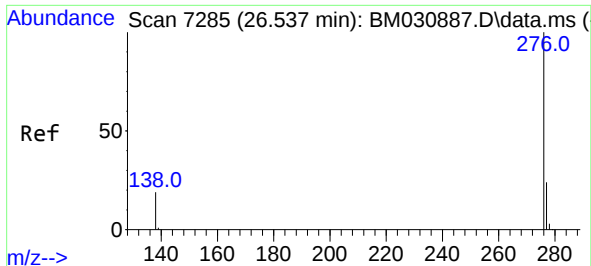
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#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.022 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion: 278 Resp: 775
Ion Ratio Lower Upper
278 100
139 42.0 14.2 21.4#
279 97.3 21.6 32.4#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.529 min Scan# 7282
Delta R.T. -0.010 min
Lab File: BM030897.D
Acq: 08 Jul 2021 22:41

Tgt Ion: 276 Resp: 469
Ion Ratio Lower Upper
276 100
138 54.4 18.0 27.0#
277 61.5 19.5 29.3#

Instrument :
BNA_M
ClientSampleId :
BGDP4DL

Manual Integrations
APPROVED

mohammad
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