

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031130.D
 Acq On : 24 Jul 2021 21:28
 Operator : CG/JU
 Sample : M2973-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC3

Manual Integrations
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Quant Time: Jul 26 02:38:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1360	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	5357	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3574	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7887	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	7853	0.40	ng/ul	0.00
23) Perylene-d12	23.362	264	7064	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	3576	2.50	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1434	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4381	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.451	128	847	0.05	ng/ul#	84
10) Acenaphthylene	13.981	152	1669	0.11	ng/ul	96
11) Acenaphthene	14.326	153	463	0.04	ng/ul	90
12) Fluorene	15.316	166	594	0.04	ng/ul#	93
15) Phenanthrene	17.048	178	11816	0.47	ng/ul	100
16) Anthracene	17.138	178	5798	0.25	ng/ul	100
19) Fluoranthene	19.066	202	55147	1.74	ng/ul	97
20) Pyrene	19.428	202	24825	0.77	ng/ul#	96
21) Benzo(a)anthracene	21.176	228	37369	1.19	ng/ul	97
22) Chrysene	21.227	228	29209	0.86	ng/ul	98
24) Benzo(b)fluoranthene	22.720	252	35225m	1.06	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	15812m	0.47	ng/ul	
26) Benzo(a)pyrene	23.268	252	7063	0.25	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.514	276	6044	0.16	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.528	278	3870	0.13	ng/ul#	84

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

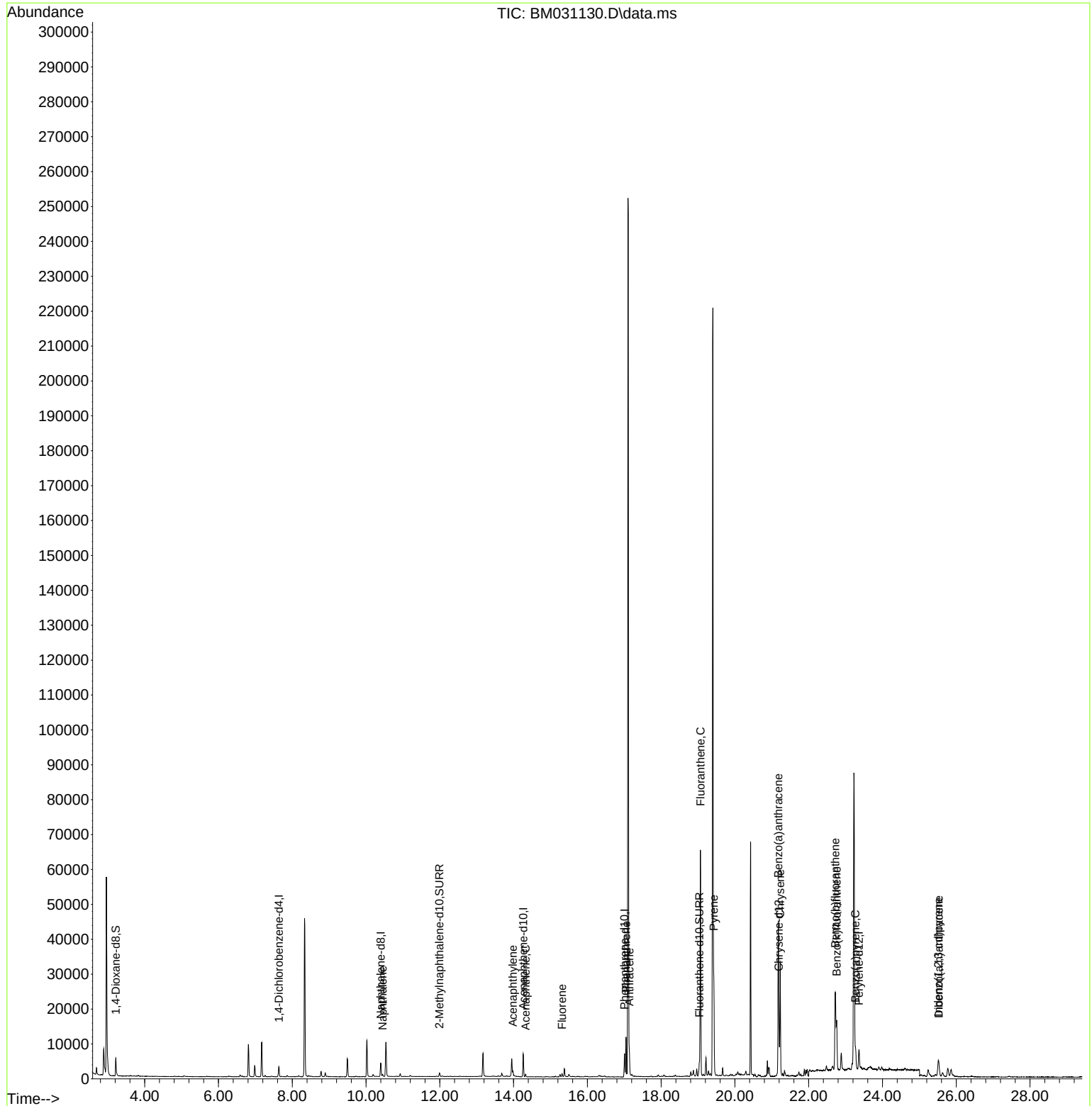
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031130.D
Acq On : 24 Jul 2021 21:28
Operator : CG/JU
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ALS Vial : 43 Sample Multiplier: 1

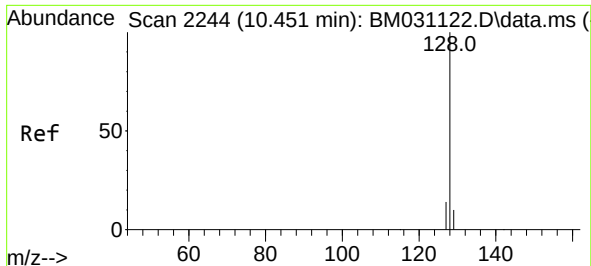
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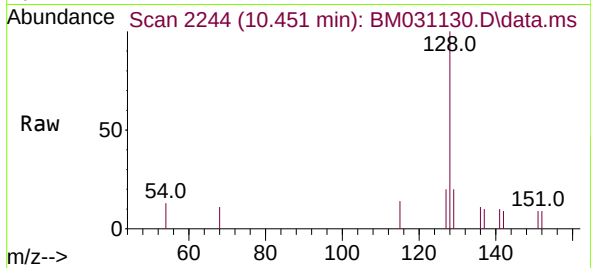
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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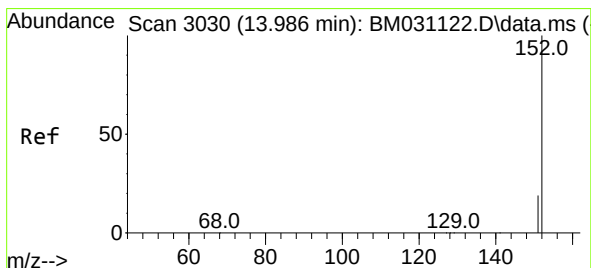
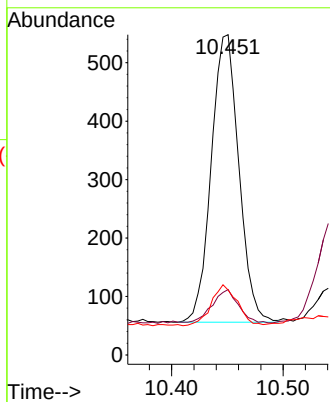
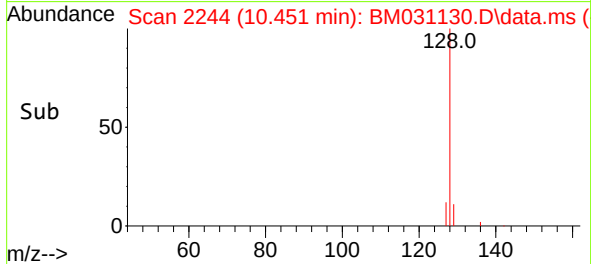




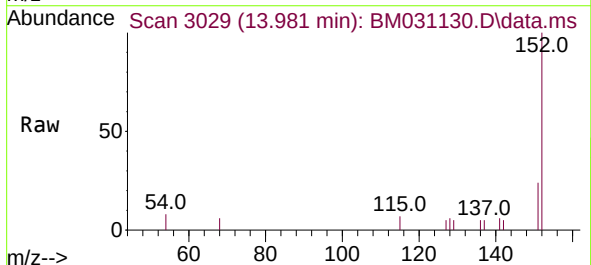
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.005 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28



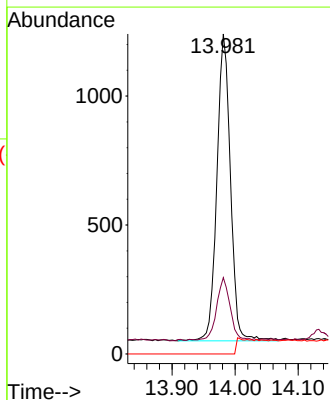
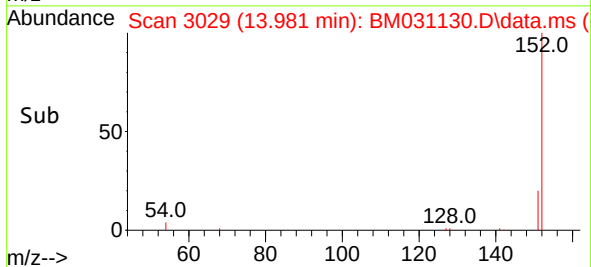
Tgt Ion:128 Resp: 847
Ion Ratio Lower Upper
128 100
129 20.4 10.2 15.4#
127 20.3 11.8 17.8#



#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28



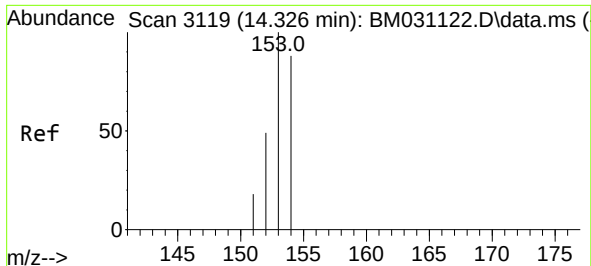
Tgt Ion:152 Resp: 1669
Ion Ratio Lower Upper
152 100
151 23.9 17.5 26.3
153 0.0 0.0 0.0



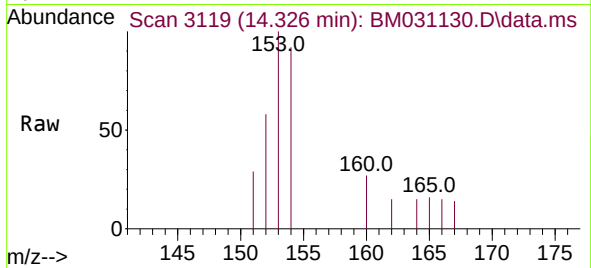
Instrument :
BNA_M
ClientSampleId :
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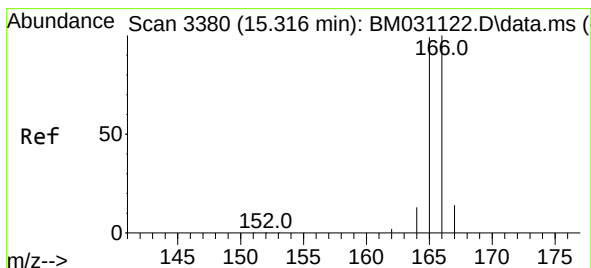
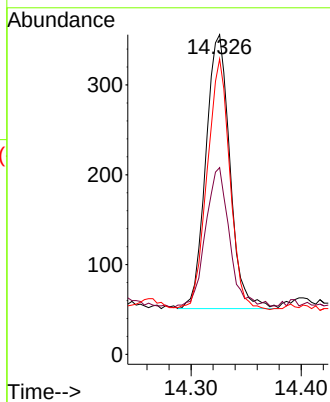
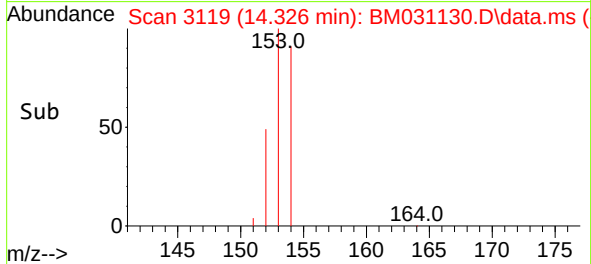
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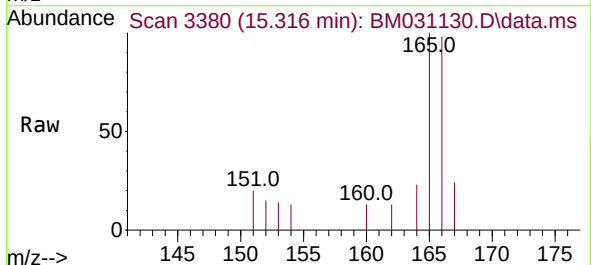
#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28



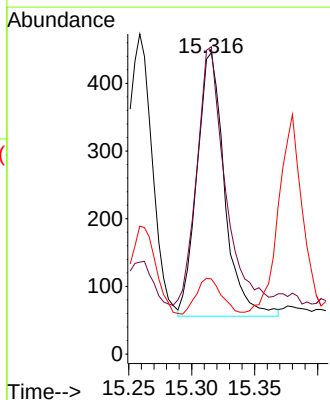
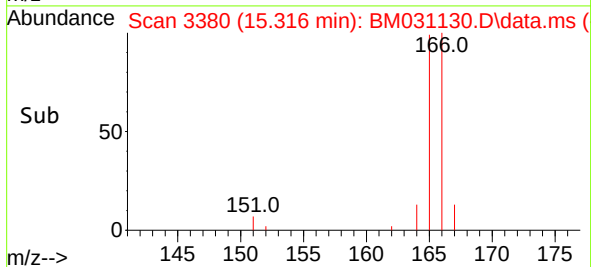
Tgt Ion:153 Resp: 463
Ion Ratio Lower Upper
153 100
152 58.4 39.4 59.2
154 92.4 68.2 102.4



#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28



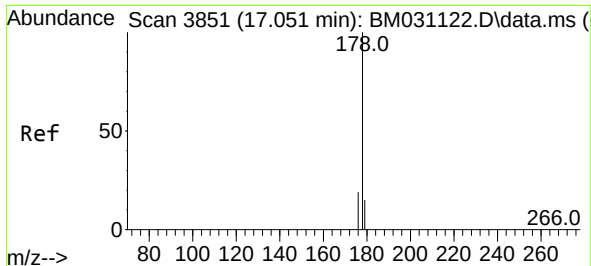
Tgt Ion:166 Resp: 594
Ion Ratio Lower Upper
166 100
165 102.0 78.2 117.2
167 24.9 12.3 18.5#



Instrument :
BNA_M
ClientSampled :
BGEC3

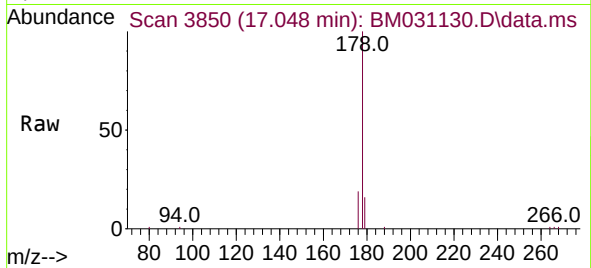
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#15
Phenanthrene
Concen: 0.47 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

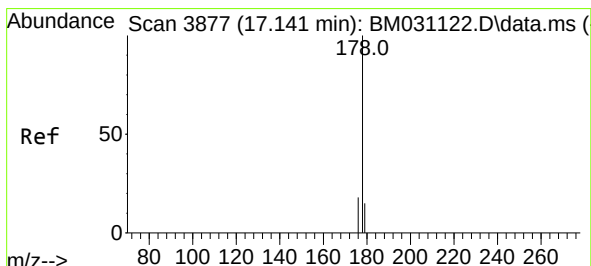
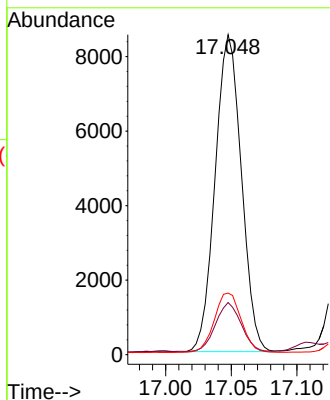
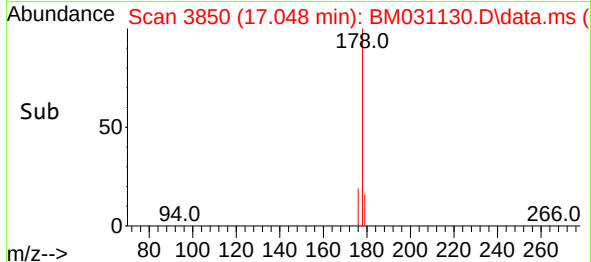
Instrument :
BNA_M
ClientSampleId :
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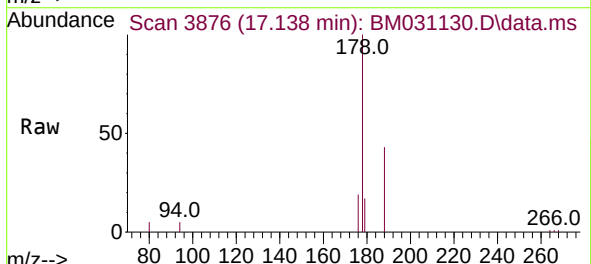
Tgt Ion:178 Resp: 11816
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.3 15.4 23.2

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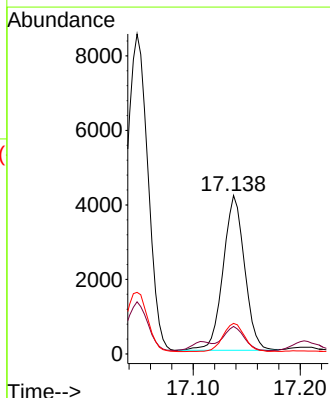
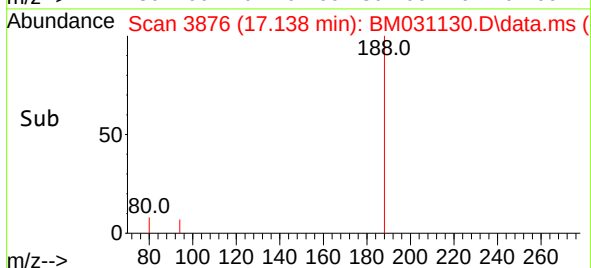
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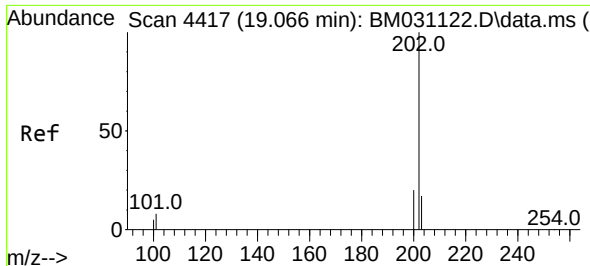


#16
Anthracene
Concen: 0.25 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031130.D
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Tgt Ion:178 Resp: 5798
Ion Ratio Lower Upper
178 100
179 17.3 13.8 20.8
176 19.3 15.7 23.5





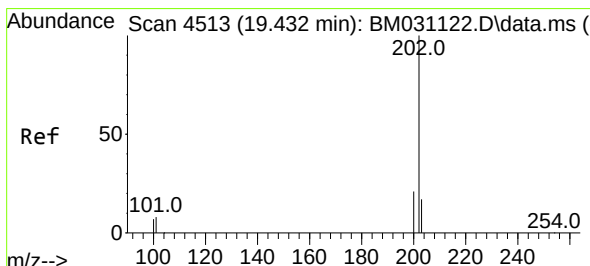
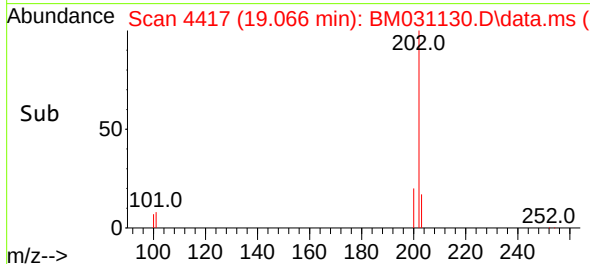
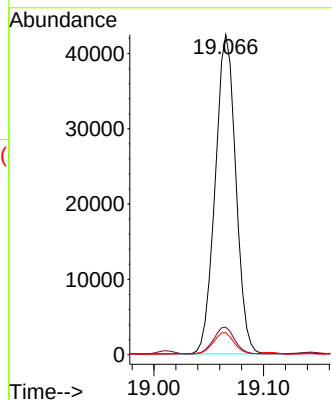
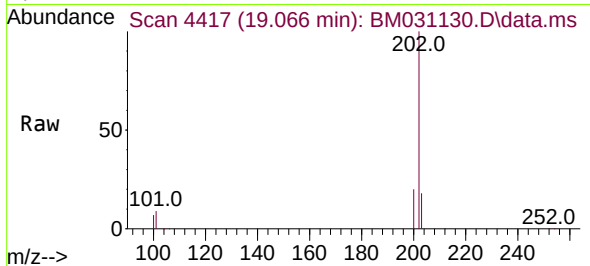
#19
Fluoranthene
Concen: 1.74 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:	202	Resp:	55147
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.0	9.0
100	6.9	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
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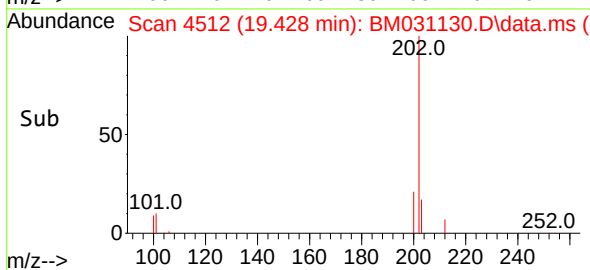
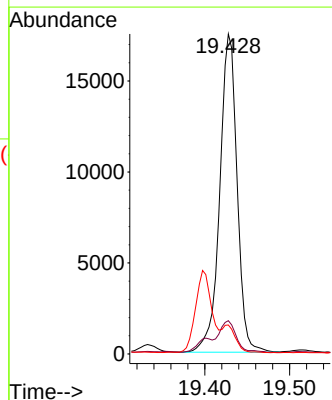
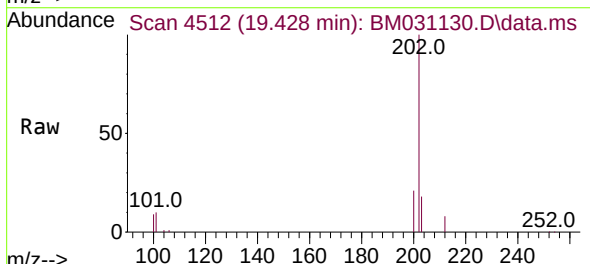
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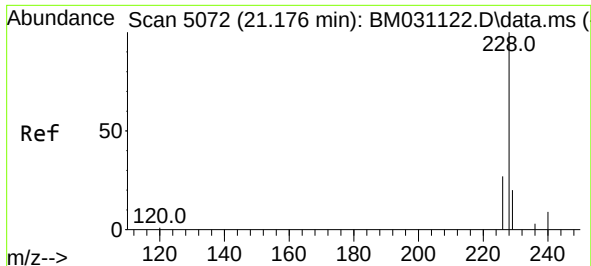
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#20
Pyrene
Concen: 0.77 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:	202	Resp:	24825
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.4	11.0
100	9.0	6.0	9.0#





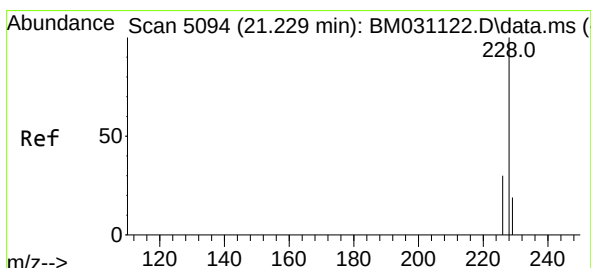
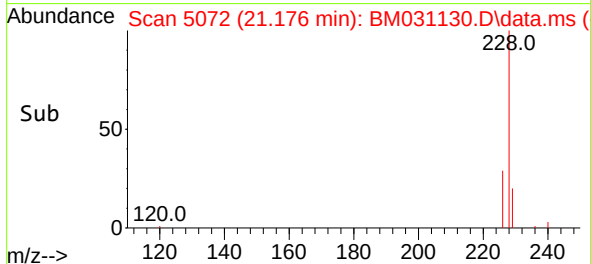
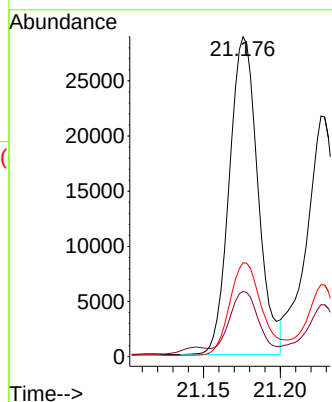
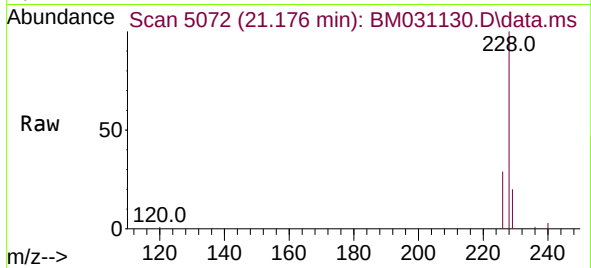
#21
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:228 Resp: 37369
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.4 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEC3

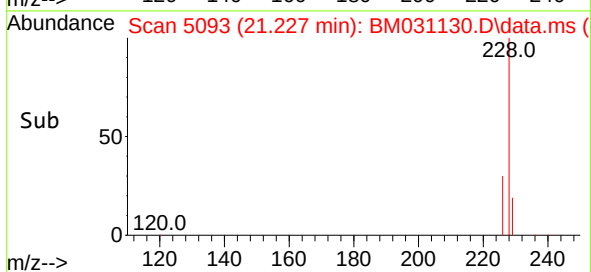
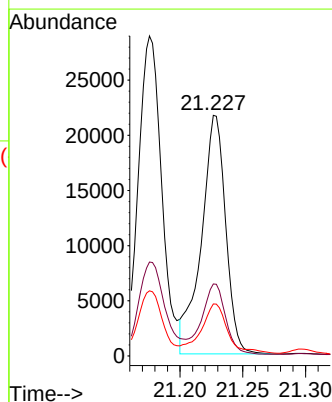
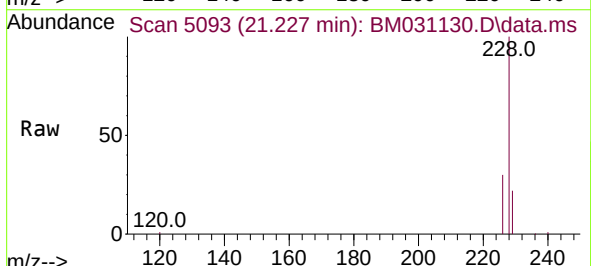
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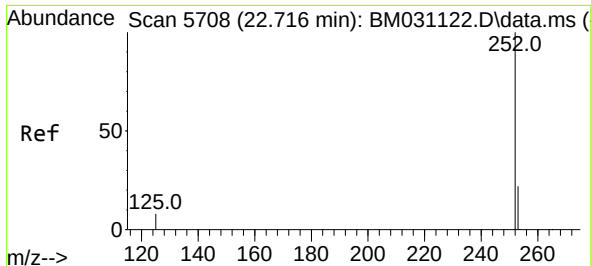
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#22
Chrysene
Concen: 0.86 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:228 Resp: 29209
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.6 15.8 23.8





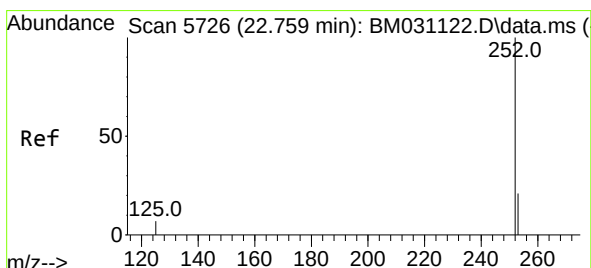
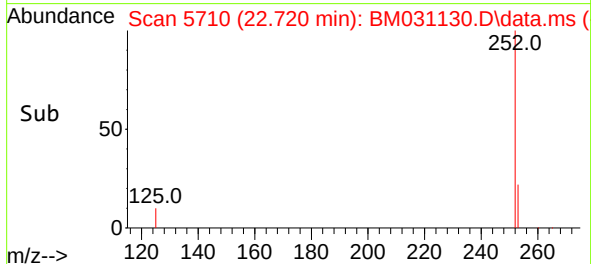
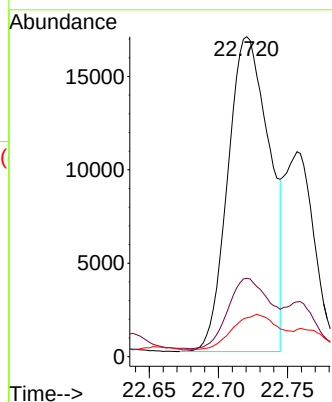
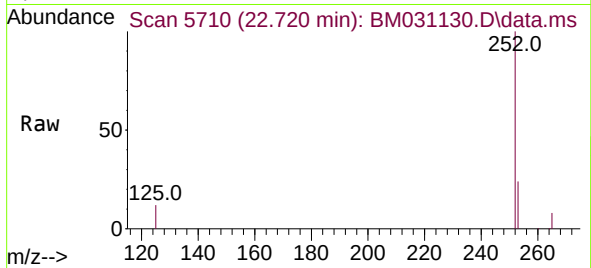
#24
Benzo(b)fluoranthene
Concen: 1.06 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:252 Resp: 35225
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 12.2 0.0 20.2

Instrument :
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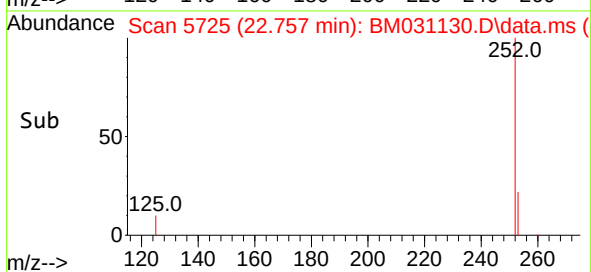
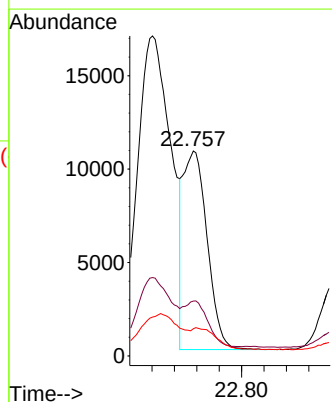
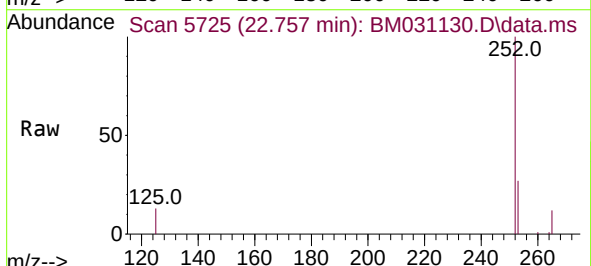
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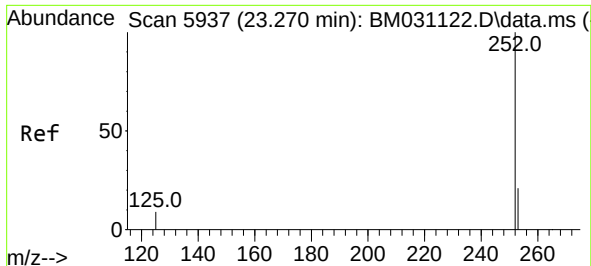
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#25
Benzo(k)fluoranthene
Concen: 0.47 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion:252 Resp: 15812
Ion Ratio Lower Upper
252 100
253 26.7 21.6 32.4
125 13.3 8.6 13.0#





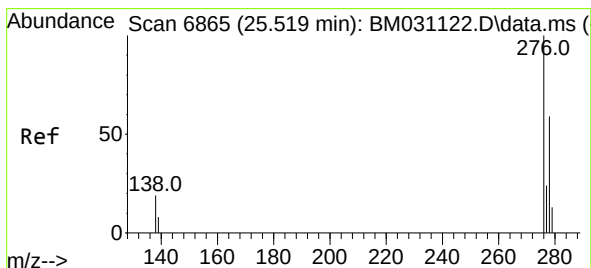
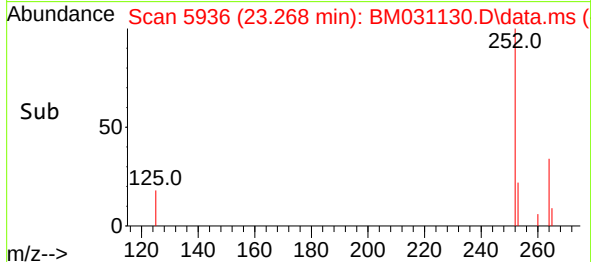
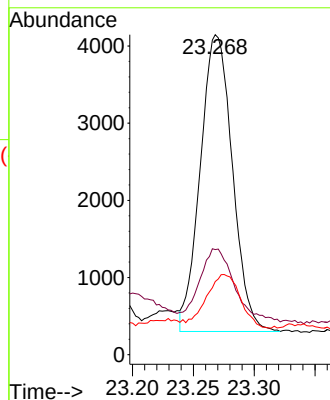
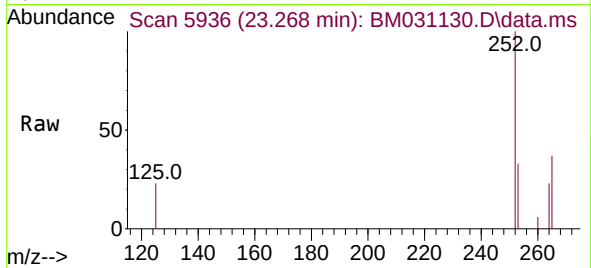
#26
Benzo(a)pyrene
Concen: 0.25 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.8	23.1	34.7
125	22.8	10.7	16.1#

Instrument :
BNA_M
ClientSampled :
BGEC3

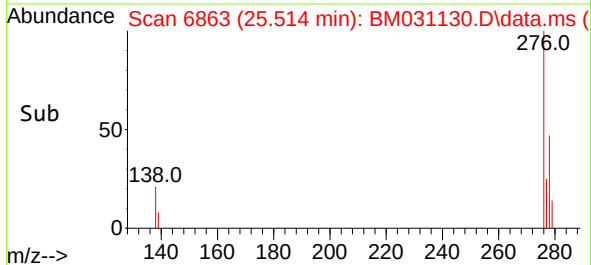
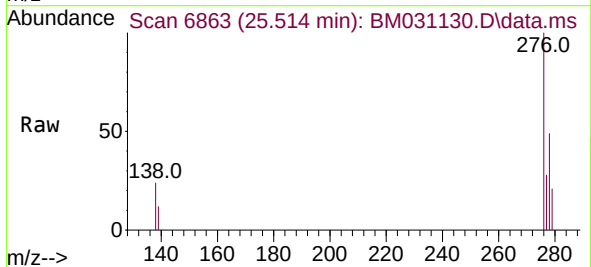
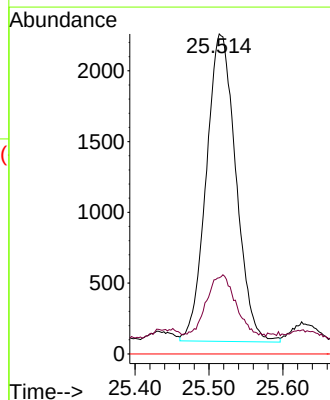
Manual Integrations
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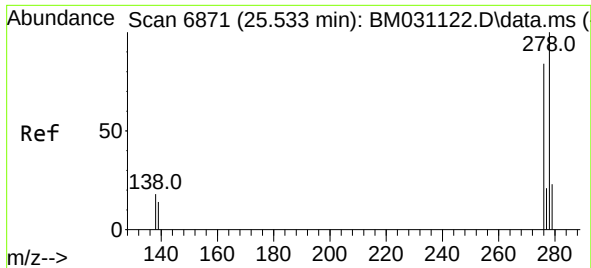
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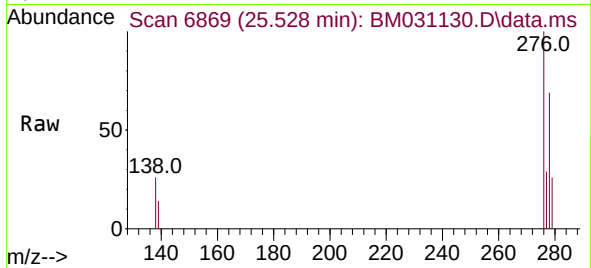
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031130.D
Acq: 24 Jul 2021 21:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.4	23.0
227	0.0	0.0	0.0

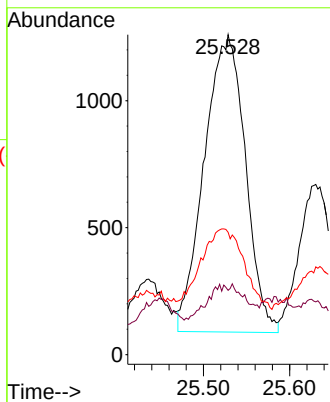
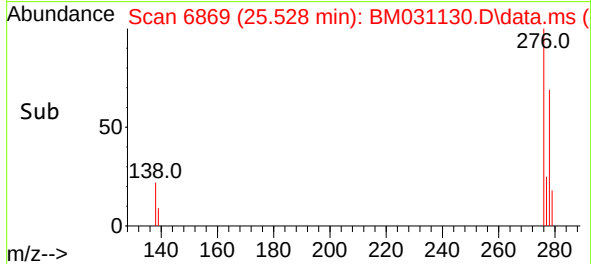




#28
 Dibenzo(a,h)anthracene
 Concen: 0.13 ng/ul
 RT: 25.528 min Scan# 6869
 Delta R.T. -0.017 min
 Lab File: BM031130.D
 Acq: 24 Jul 2021 21:28



Tgt Ion: 278 Resp: 3870
 Ion Ratio Lower Upper
 278 100
 139 20.1 12.6 18.8#
 279 38.3 22.6 34.0#



Instrument :
 BNA_M
 ClientSampleId :
 BGEC3

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:27:04 PM