

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031097.D
 Acq On : 23 Jul 2021 19:20
 Operator : CG/JU
 Sample : M2970-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE92

Manual Integrations
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Quant Time: Jul 24 00:53:25 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 : Fri Jul 23 18:04:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1429	0.40	ng/ul	0.00
4) Naphthalene-d8	10.405	136	5736	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3870	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	8227	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.196	240	7821	0.40	ng/ul	0.00
23) Perylene-d12	23.369	264	6847	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	3494	2.33	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	1824	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	5178	0.22	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.454	128	1246	0.07	ng/ul#	91
10) Acenaphthylene	13.985	152	4319	0.27	ng/ul	99
11) Acenaphthene	14.330	153	898	0.06	ng/ul	96
12) Fluorene	15.319	166	2282	0.14	ng/ul	96
15) Phenanthrene	17.054	178	50457	1.93	ng/ul	99
16) Anthracene	17.145	178	17606	0.72	ng/ul	98
19) Fluoranthene	19.069	202	96423	3.06	ng/ul	97
20) Pyrene	19.435	202	64644	2.01	ng/ul	99
21) Benzo(a)anthracene	21.179	228	44349	1.42	ng/ul	97
22) Chrysene	21.233	228	37030	1.10	ng/ul	97
24) Benzo(b)fluoranthene	22.724	252	38440m	1.19	ng/ul	
25) Benzo(k)fluoranthene	22.763	252	13858m	0.42	ng/ul	
26) Benzo(a)pyrene	23.276	252	17125	0.62	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.522	276	9676	0.27	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.537	278	3384	0.12	ng/ul#	82

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

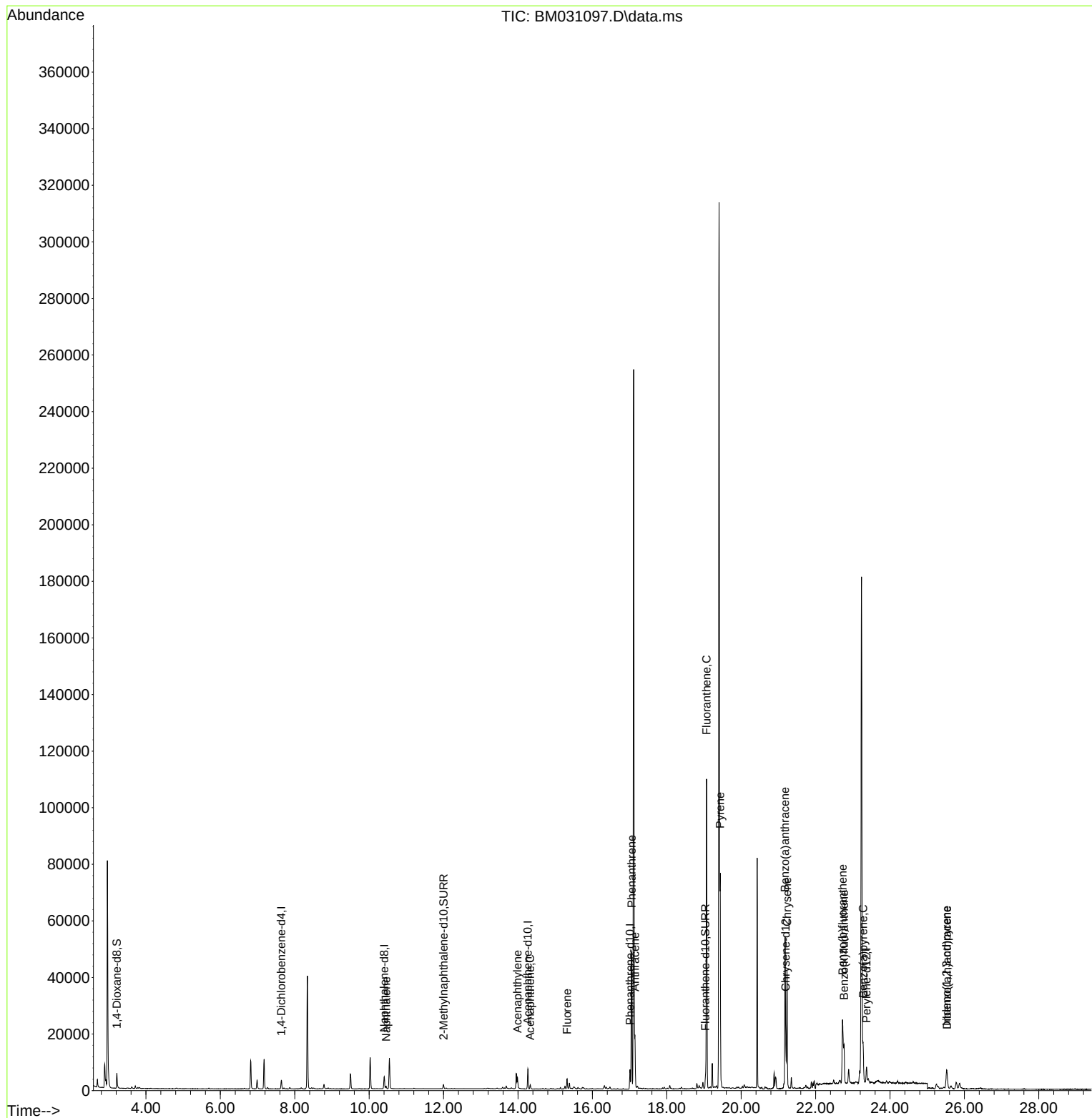
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031097.D
Acq On : 23 Jul 2021 19:20
Operator : CG/JU
Sample : M2970-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

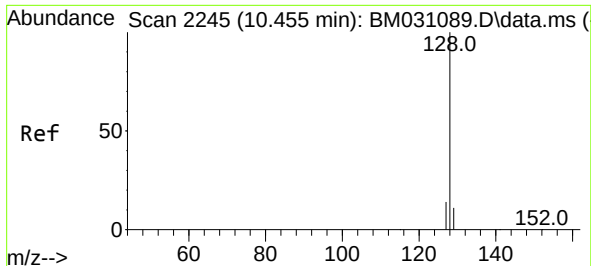
Instrument :
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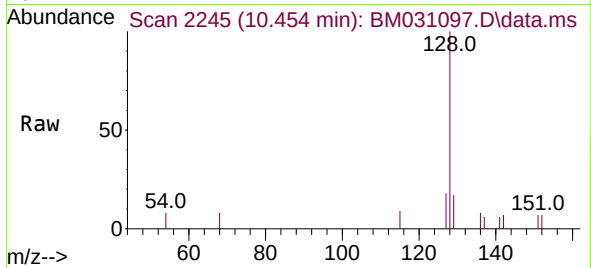
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Quant Time: Jul 24 00:53:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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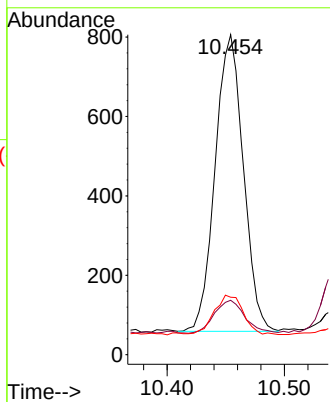
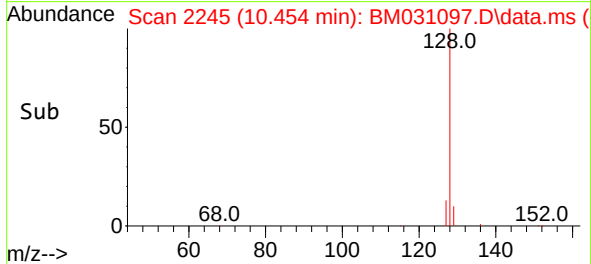




#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.454 min Scan# 2245
Delta R.T. -0.001 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20



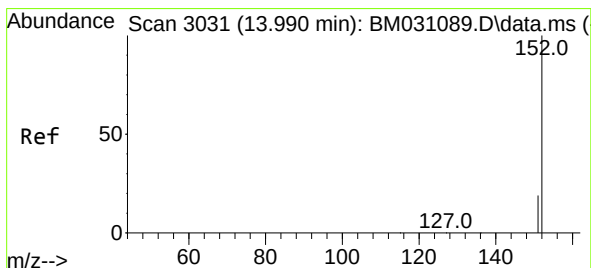
Tgt Ion:128 Resp: 1246
Ion Ratio Lower Upper
128 100
129 17.0 10.2 15.4#
127 18.0 11.8 17.8#



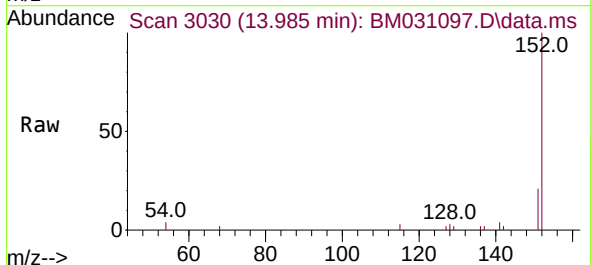
Instrument :
BNA_M
ClientSampled :
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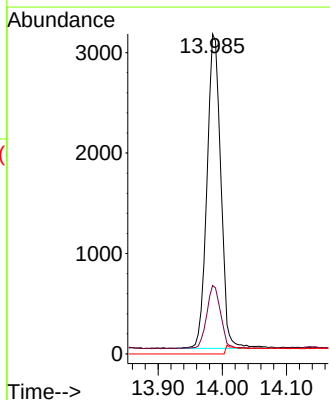
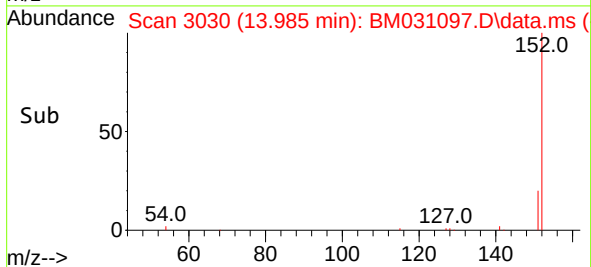
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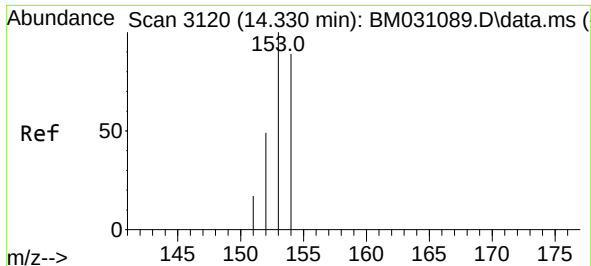


#10
Acenaphthylene
Concen: 0.27 ng/ul
RT: 13.985 min Scan# 3030
Delta R.T. -0.005 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20



Tgt Ion:152 Resp: 4319
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 0.0 0.0 0.0





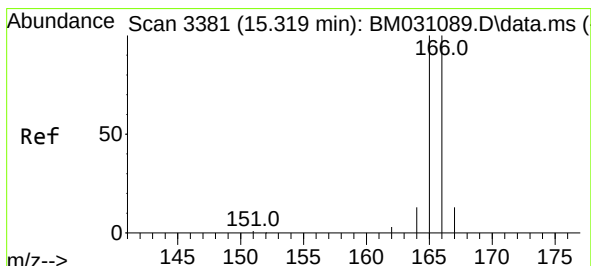
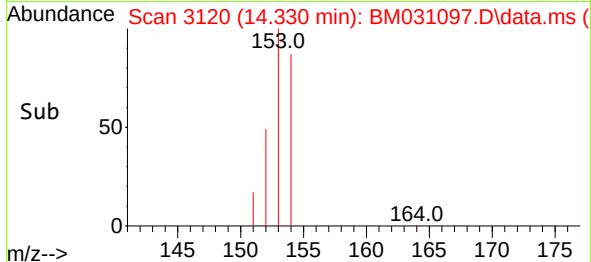
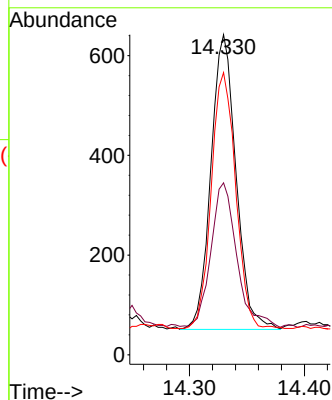
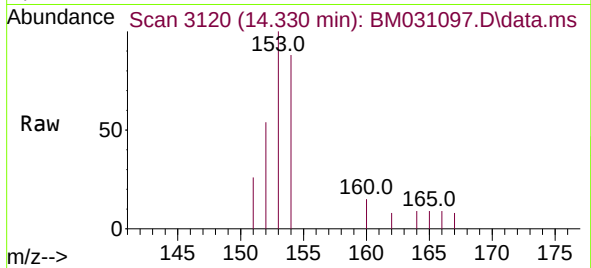
#11
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:	153	Resp:	898
Ion Ratio	Lower	Upper	
153	100		
152	53.7	39.4	59.2
154	88.2	68.2	102.4

Instrument :
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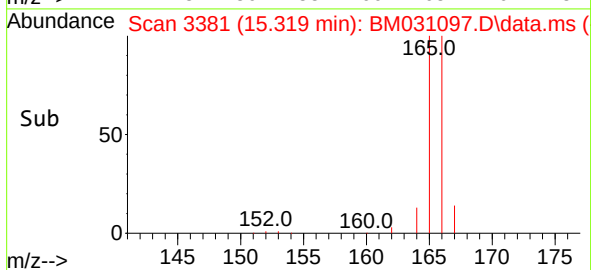
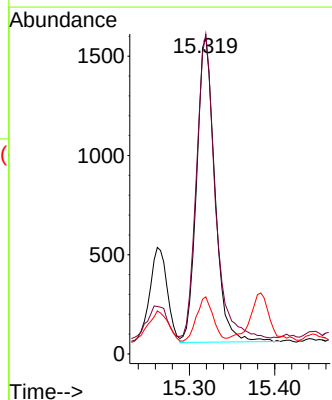
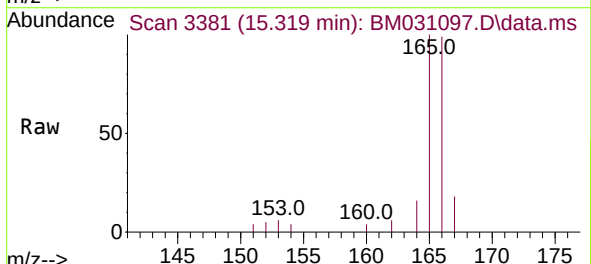
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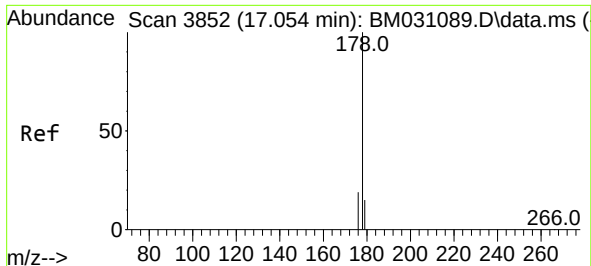
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#12
Fluorene
Concen: 0.14 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

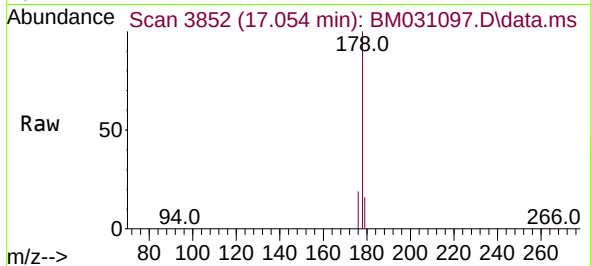
Tgt Ion:	166	Resp:	2282
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.2	117.2
167	18.1	12.3	18.5





#15
Phenanthrene
Concen: 1.93 ng/ul
RT: 17.054 min Scan# 3852
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

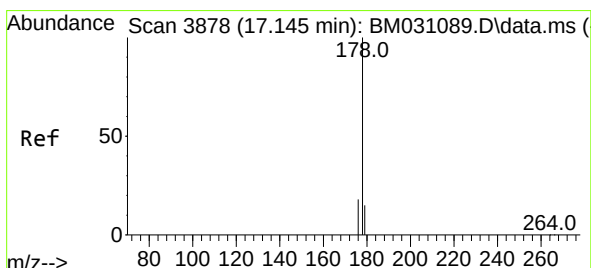
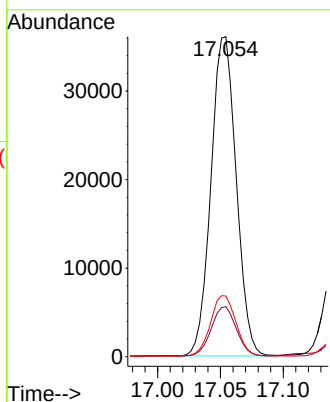
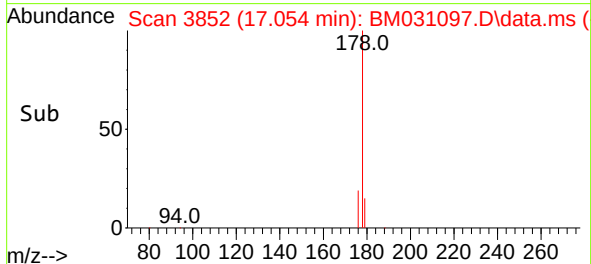
Instrument :
BNA_M
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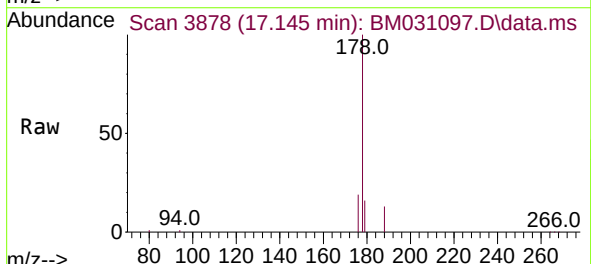
Tgt Ion:178 Resp: 50457
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.0 15.4 23.2

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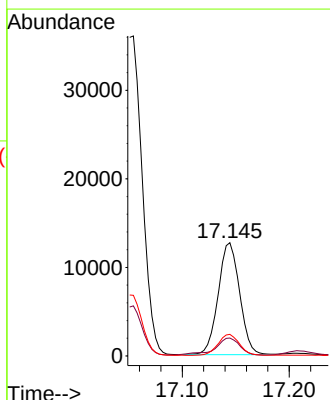
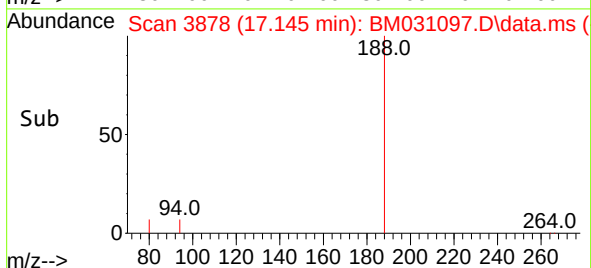
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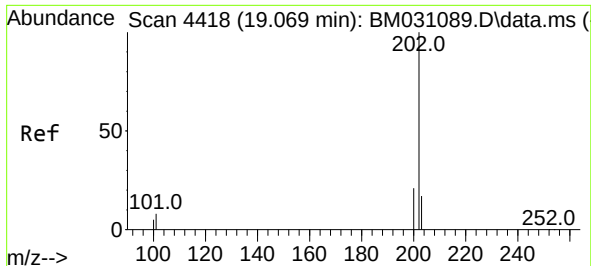


#16
Anthracene
Concen: 0.72 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20



Tgt Ion:178 Resp: 17606
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.8
176 19.0 15.7 23.5





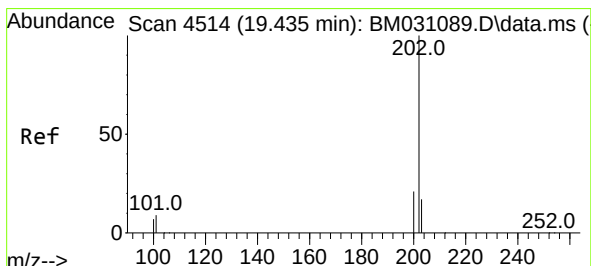
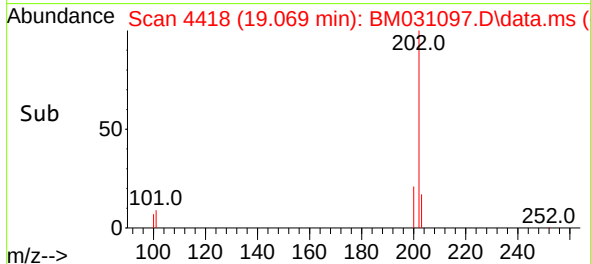
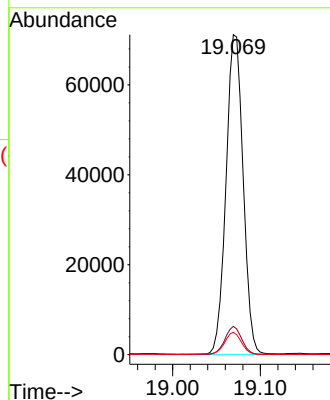
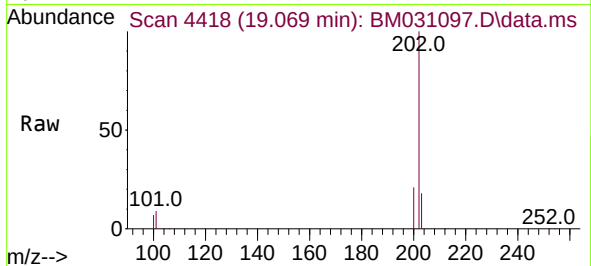
#19
Fluoranthene
Concen: 3.06 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:	202	Resp:	96423
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.0	9.0
100	7.0	4.8	7.2

Instrument :
BNA_M
ClientSampled :
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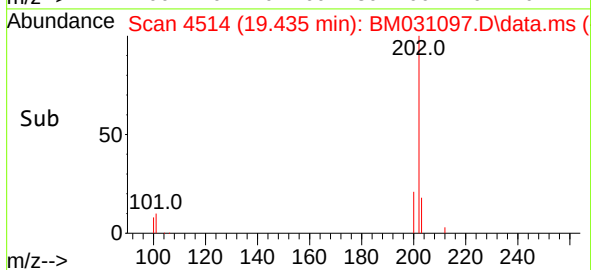
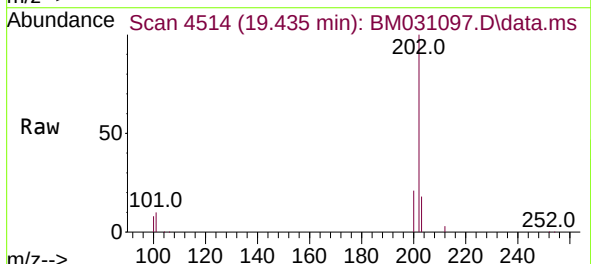
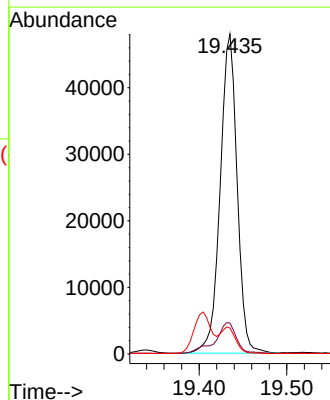
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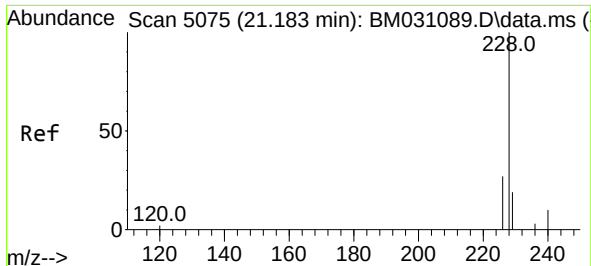
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#20
Pyrene
Concen: 2.01 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. -0.000 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:	202	Resp:	64644
Ion Ratio	Lower	Upper	
202	100		
101	9.6	7.4	11.0
100	8.1	6.0	9.0





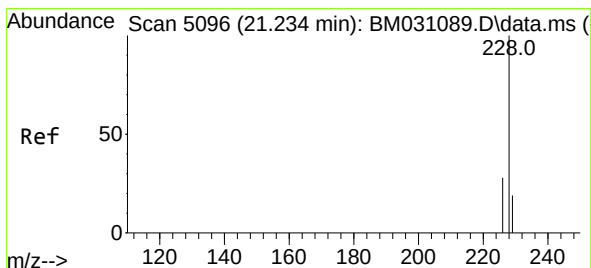
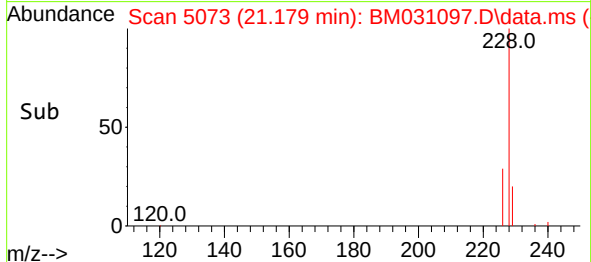
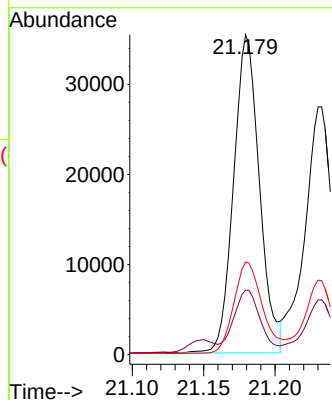
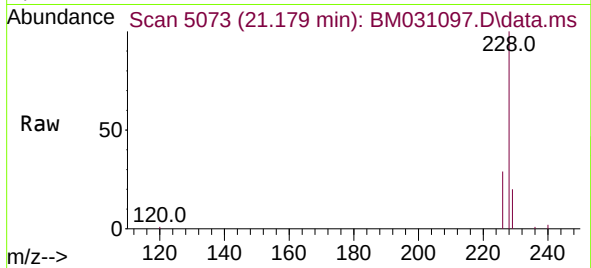
#21
Benzo(a)anthracene
Concen: 1.42 ng/ul
RT: 21.179 min Scan# 5073
Delta R.T. -0.004 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:228 Resp: 44349
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 29.0 21.4 32.2

Instrument :
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ClientSampled :
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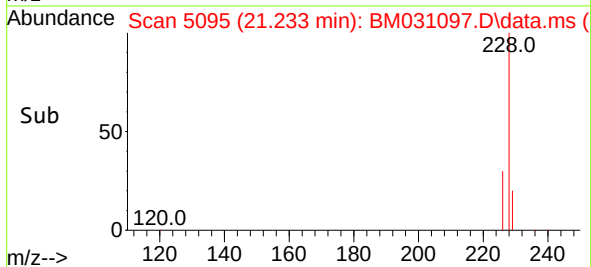
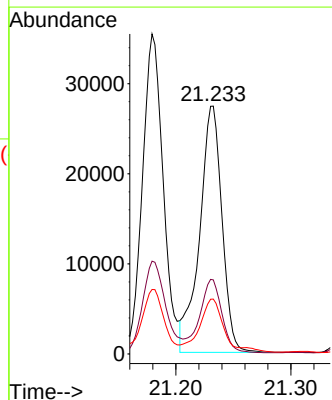
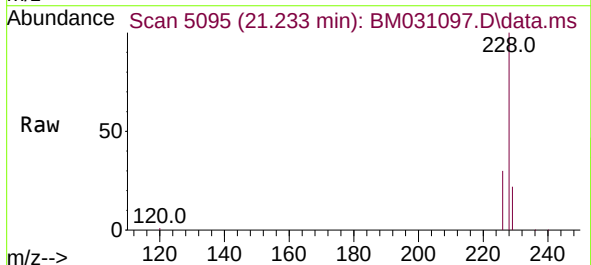
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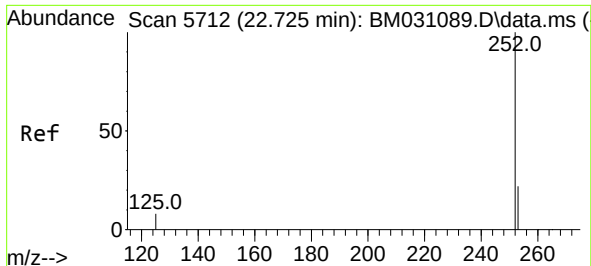
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#22
Chrysene
Concen: 1.10 ng/ul
RT: 21.233 min Scan# 5095
Delta R.T. -0.001 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:228 Resp: 37030
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.2 15.8 23.8





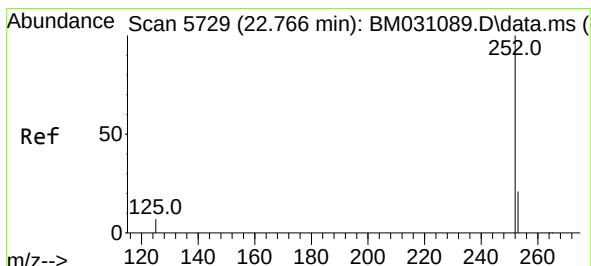
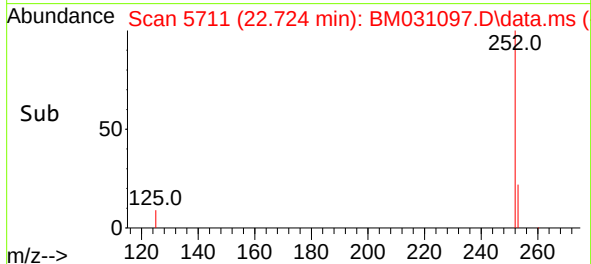
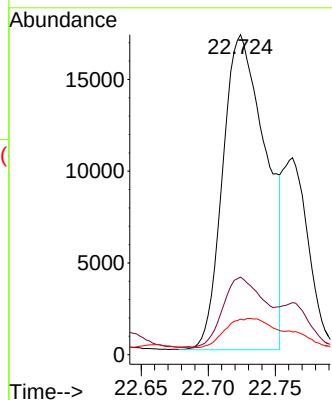
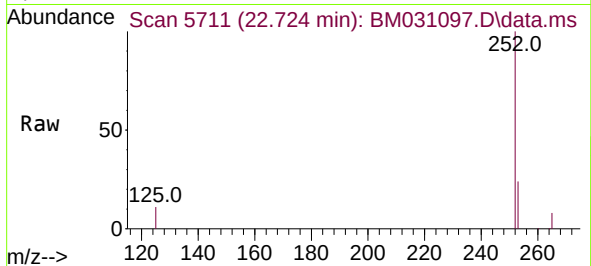
#24
Benzo(b)fluoranthene
Concen: 1.19 ng/ul m
RT: 22.724 min Scan# 5711
Delta R.T. -0.001 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:252	Resp:	38440
Ion Ratio	Lower	Upper
252	100	
253	24.2	0.0 52.8
125	11.1	0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGE92

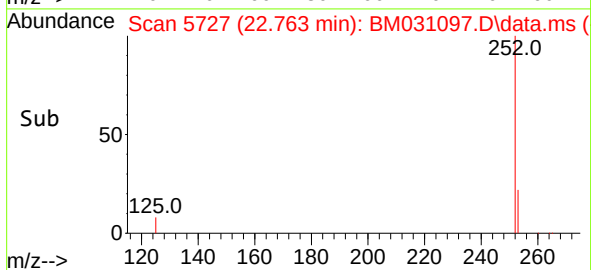
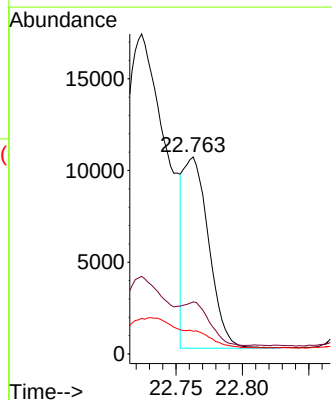
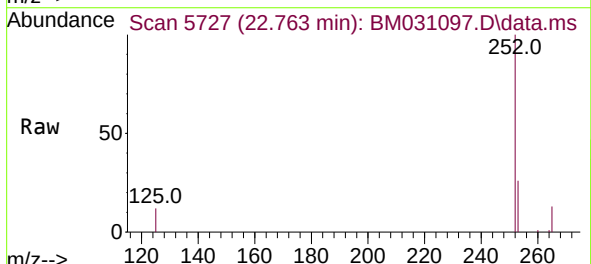
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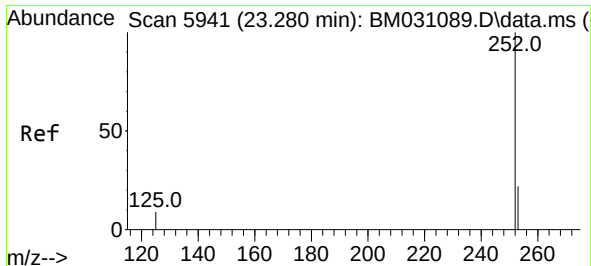
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#25
Benzo(k)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.763 min Scan# 5727
Delta R.T. -0.004 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion:252	Resp:	13858
Ion Ratio	Lower	Upper
252	100	
253	26.4	21.6 32.4
125	11.6	8.6 13.0





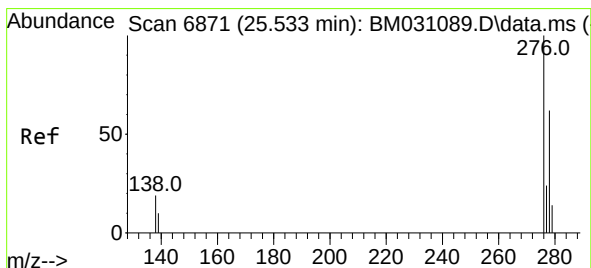
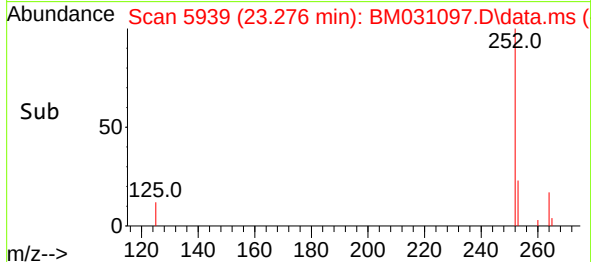
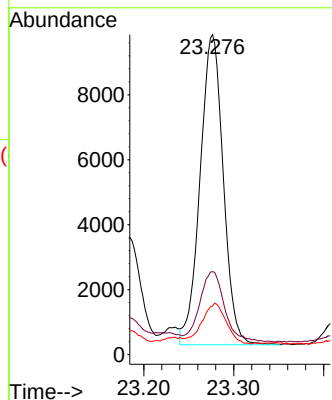
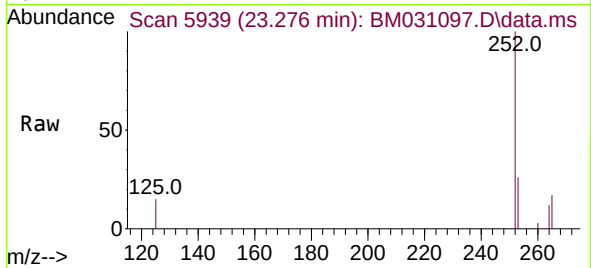
#26
Benzo(a)pyrene
Concen: 0.62 ng/ul
RT: 23.276 min Scan# 5939
Delta R.T. -0.004 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	23.1	34.7
125	15.2	10.7	16.1

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ClientSampled :
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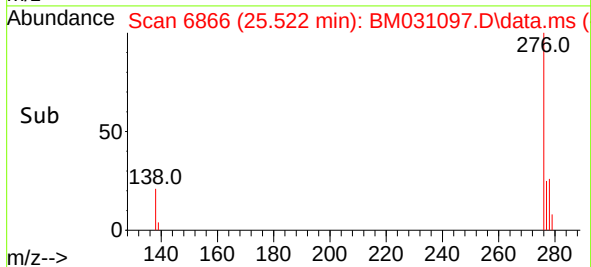
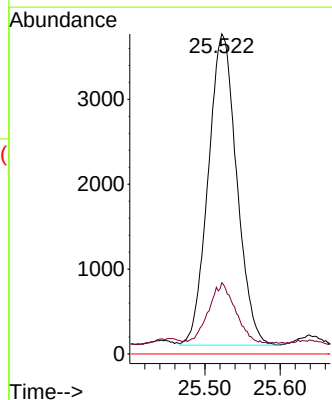
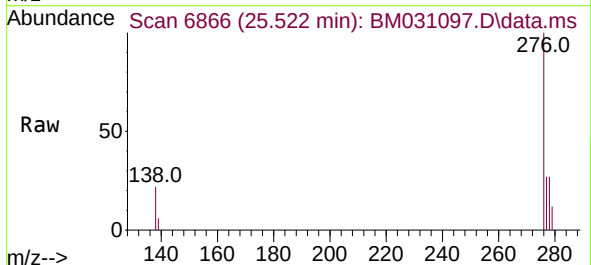
Manual Integrations
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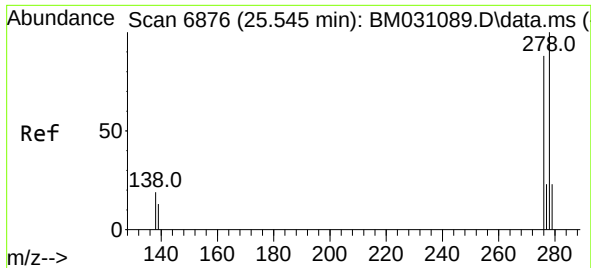
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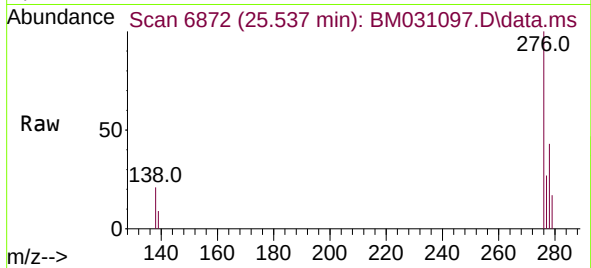
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng/ul
RT: 25.522 min Scan# 6866
Delta R.T. -0.011 min
Lab File: BM031097.D
Acq: 23 Jul 2021 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.4	23.0
227	0.0	0.0	0.0

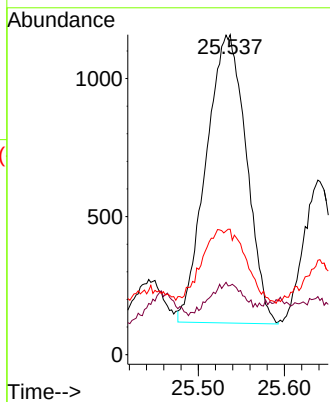
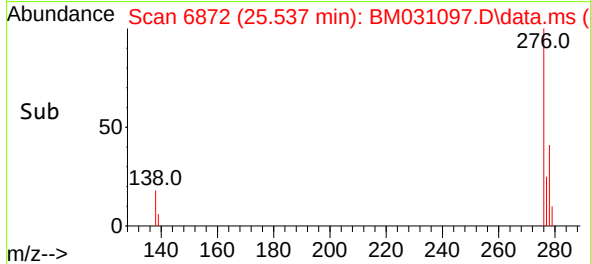




#28
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng/ul
 RT: 25.537 min Scan# 6872
 Delta R.T. -0.008 min
 Lab File: BM031097.D
 Acq: 23 Jul 2021 19:20



Tgt Ion: 278 Resp: 3384
 Ion Ratio Lower Upper
 278 100
 139 21.6 12.6 18.8#
 279 39.2 22.6 34.0#



Instrument :
 BNA_M
 ClientSampleId :
 BGE92

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:01 PM