

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 18:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	560m	0.400	ng/ul	0.07
4) Naphthalene-d8	10.667	136	1834m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.470	164	1190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2188	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.429	240	1460	0.400	ng/ul	# 0.00
23) Perylene-d12	23.782	264	1944	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	151	0.176	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.350	152	160m	0.065	ng/ul	0.10
18) Fluoranthene-d10	19.267	212	445	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.722	128	5723	1.148	ng/ul	94
10) Acenaphthylene	14.206	152	3022	0.498	ng/ul	99
11) Acenaphthene	14.530	153	9543	2.074	ng/ul	98
12) Fluorene	15.571	166	2509	0.531	ng/ul#	97
15) Phenanthrene	17.302	178	2061	0.330	ng/ul#	90
16) Anthracene	17.433	178	2308	0.390	ng/ul	96
19) Fluoranthene	19.295	202	6358	0.768	ng/ul	98
20) Pyrene	19.662	202	5434	0.617	ng/ul	96
21) Benzo(a)anthracene	21.417	228	1225	0.259	ng/ul	95
22) Chrysene	21.467	228	3664	0.415	ng/ul	98
24) Benzo(b)fluoranthene	23.060	252	1436	0.219	ng/ul	86
25) Benzo(k)fluoranthene	23.110	252	1786	0.198	ng/ul#	72
26) Benzo(a)pyrene	23.686	252	3150	0.440	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.242	276	3937	0.406	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.275	278	3916	0.522	ng/ul	94
29) Benzo(g,h,i)perylene	26.996	276	7707	0.818	ng/ul#	92

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

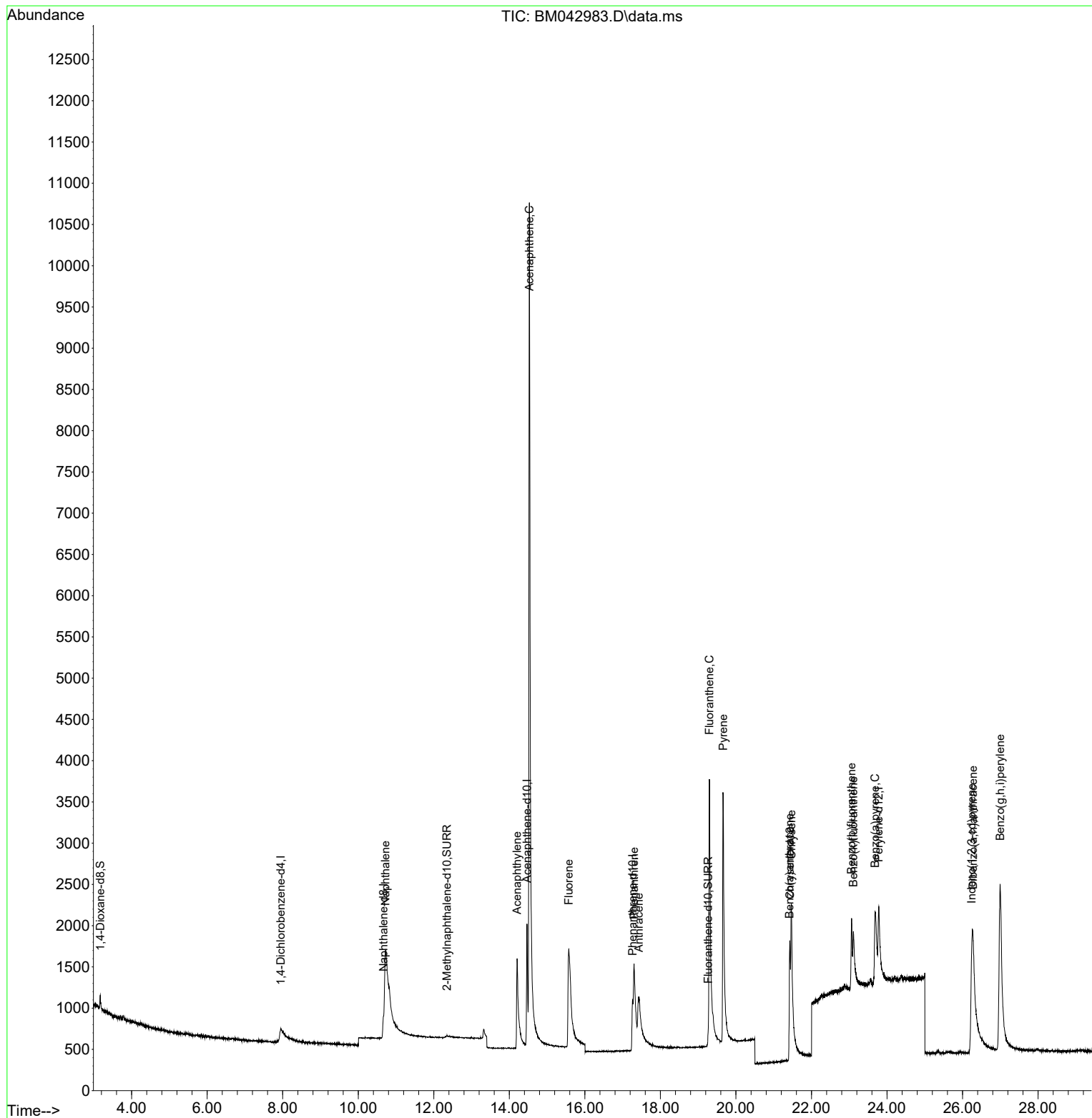
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042983.D
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ALS Vial : 5 Sample Multiplier: 1

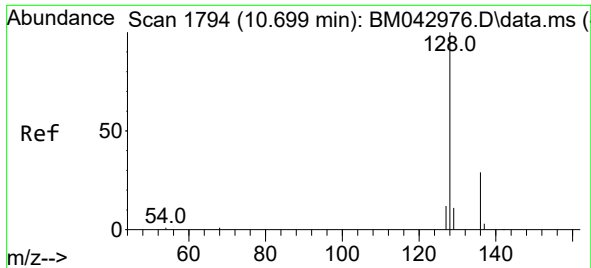
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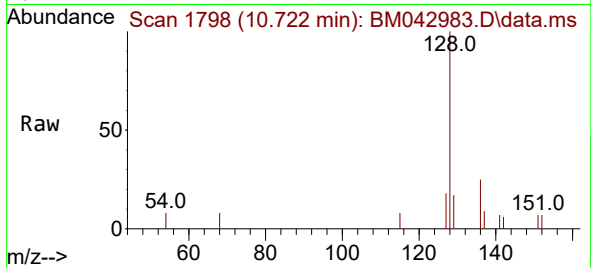
Quant Time: Nov 24 18:03:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 1.148 ng/uI
RT: 10.722 min Scan# 1798
Delta R.T. 0.023 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

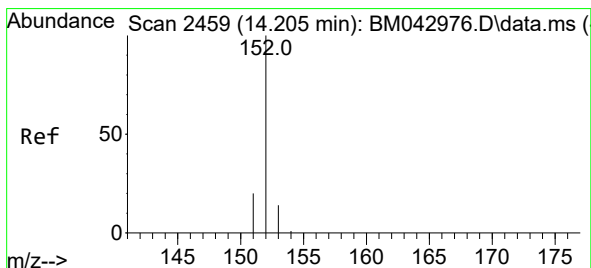
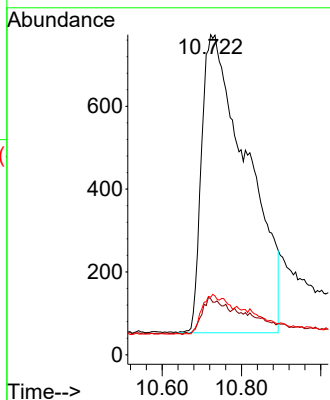
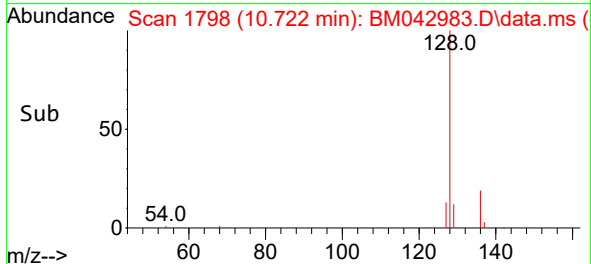
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ClientSampleId :
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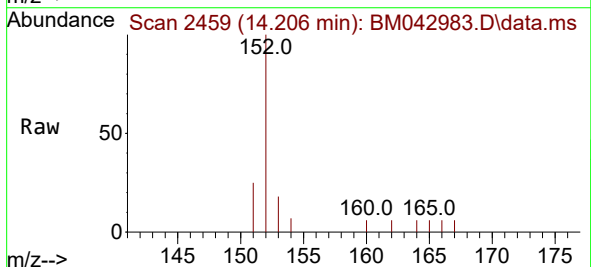
Tgt Ion:128 Resp: 572
Ion Ratio Lower Upper
128 100
129 17.5 16.0 24.0
127 18.0 16.5 24.7

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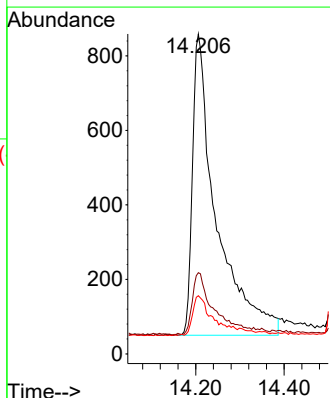
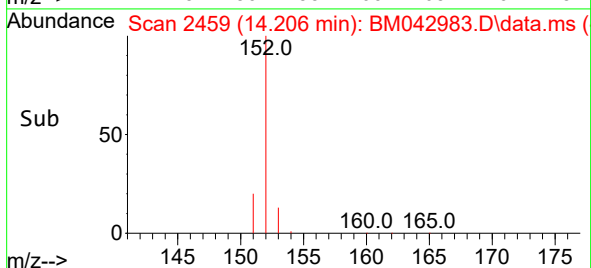
Reviewed By :Yogesh Patel 11/27/2023
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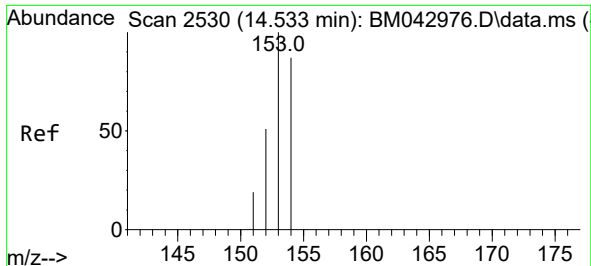


#10
Acenaphthylene
Concen: 0.498 ng/uI
RT: 14.206 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



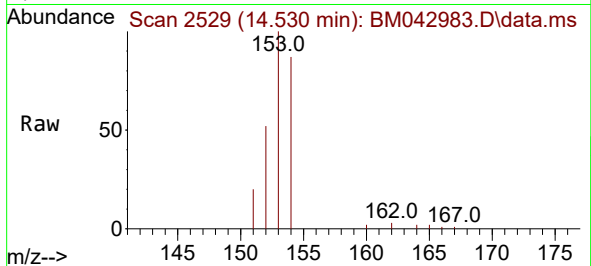
Tgt Ion:152 Resp: 3022
Ion Ratio Lower Upper
152 100
151 25.4 19.4 29.0
153 18.2 14.6 21.8





#11
Acenaphthene
Concen: 2.074 ng/ul
RT: 14.530 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

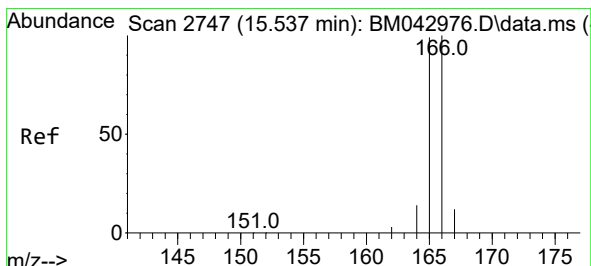
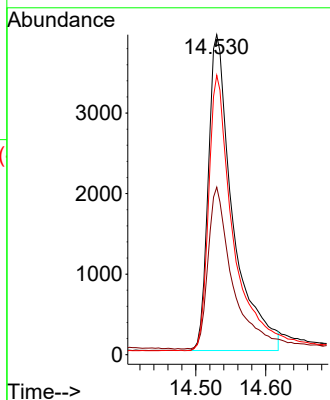
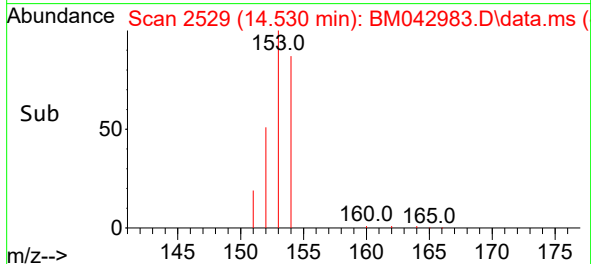
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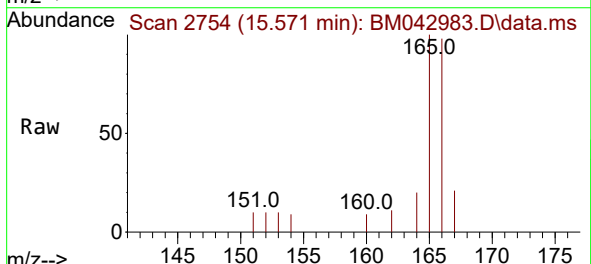
Tgt Ion:153 Resp: 954
Ion Ratio Lower Upper
153 100
152 52.4 43.9 65.9
154 87.3 70.6 105.8

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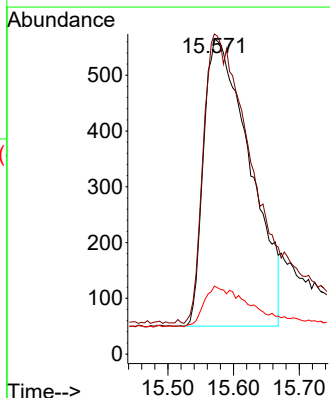
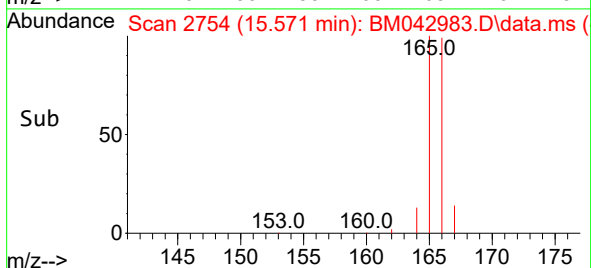
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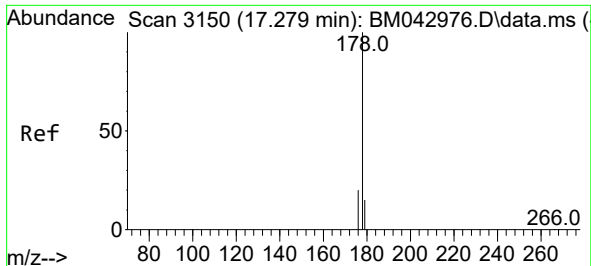


#12
Fluorene
Concen: 0.531 ng/ul
RT: 15.571 min Scan# 2754
Delta R.T. 0.034 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



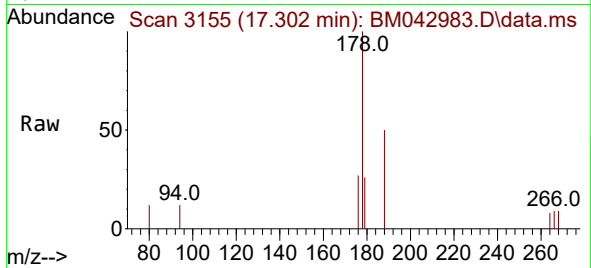
Tgt Ion:166 Resp: 2509
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 21.6 14.2 21.4#





#15
Phenanthrene
Concen: 0.330 ng/u1
RT: 17.302 min Scan# 3155
Delta R.T. 0.023 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

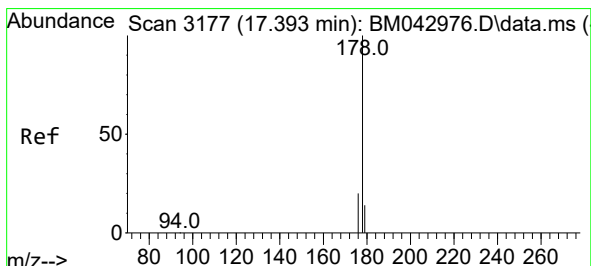
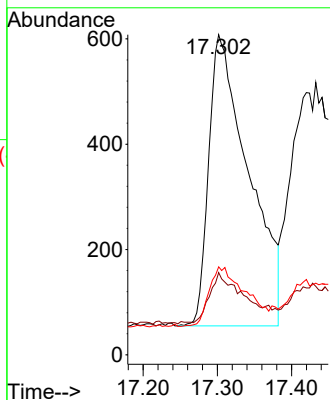
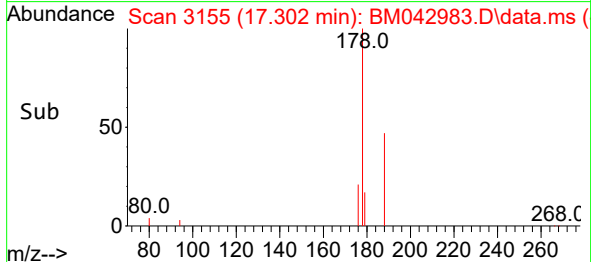
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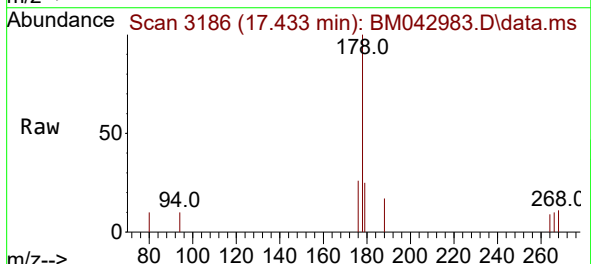
Tgt Ion:178 Resp: 206
Ion Ratio Lower Upper
178 100
179 25.7 15.7 23.5
176 27.5 18.9 28.3

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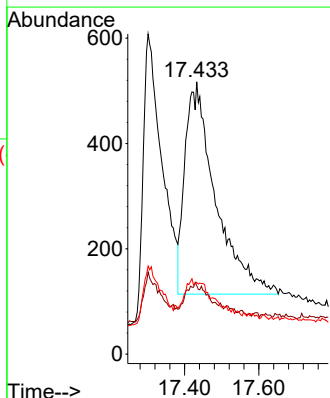
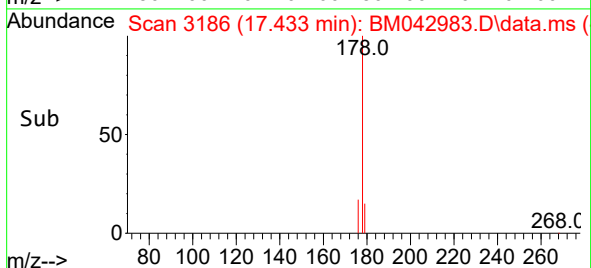
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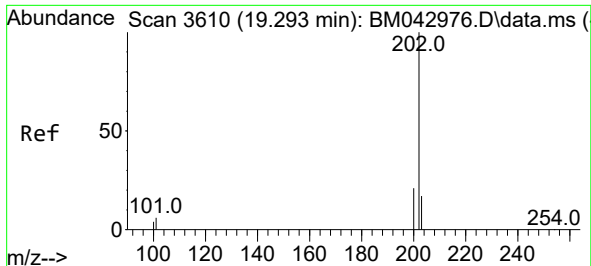


#16
Anthracene
Concen: 0.390 ng/u1
RT: 17.433 min Scan# 3186
Delta R.T. 0.039 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



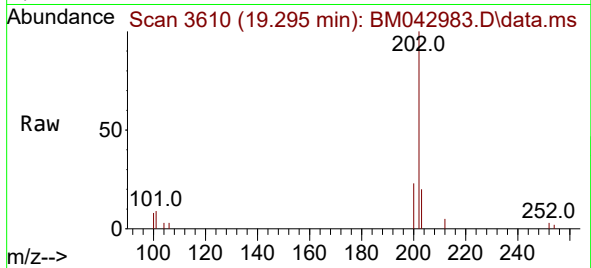
Tgt Ion:178 Resp: 2308
Ion Ratio Lower Upper
178 100
179 25.1 17.3 25.9
176 26.3 20.5 30.7





#19
Fluoranthene
Concen: 0.768 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.001 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

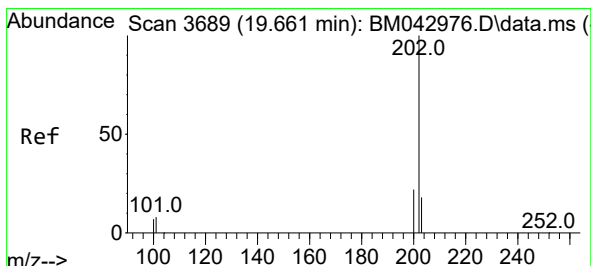
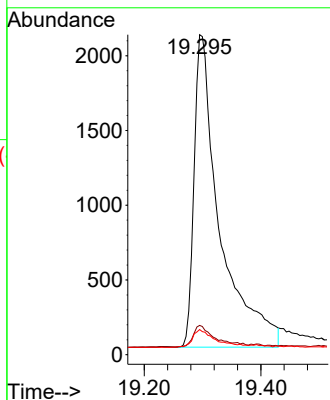
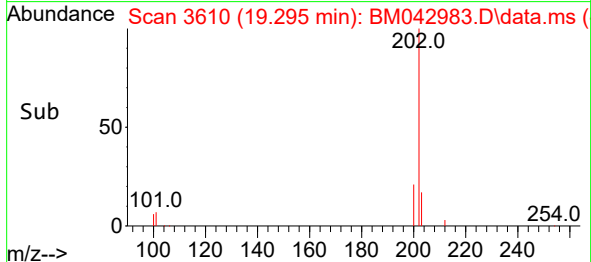
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DCKV3DL



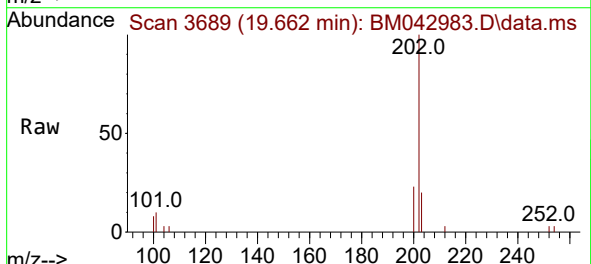
Tgt Ion:202 Resp: 6358
Ion Ratio Lower Upper
202 100
101 9.2 7.8 11.8
100 7.8 7.1 10.7

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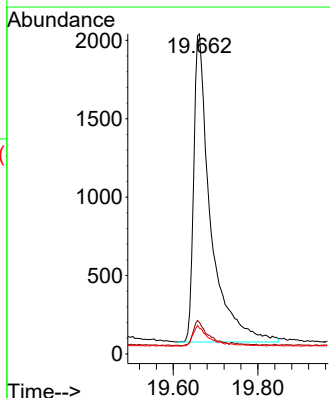
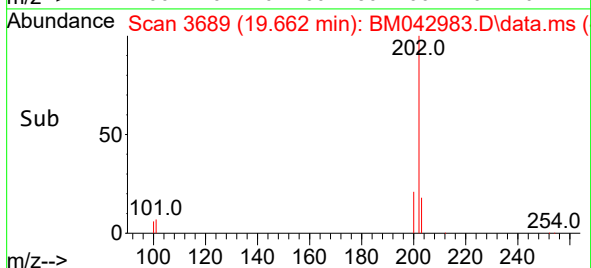
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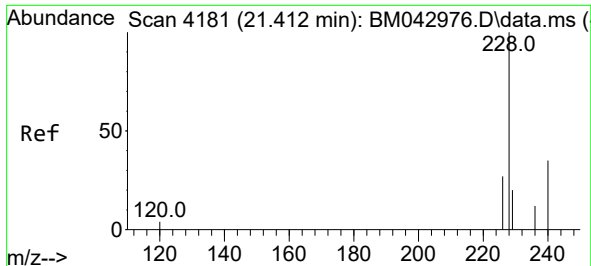


#20
Pyrene
Concen: 0.617 ng/ul
RT: 19.662 min Scan# 3689
Delta R.T. 0.001 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



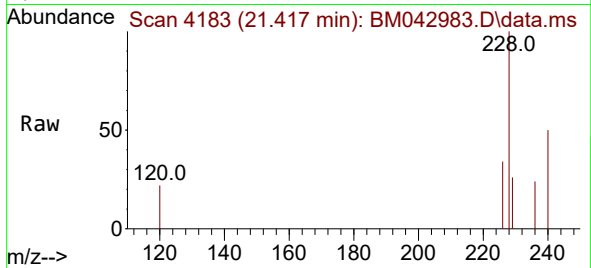
Tgt Ion:202 Resp: 5434
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 8.0 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.417 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

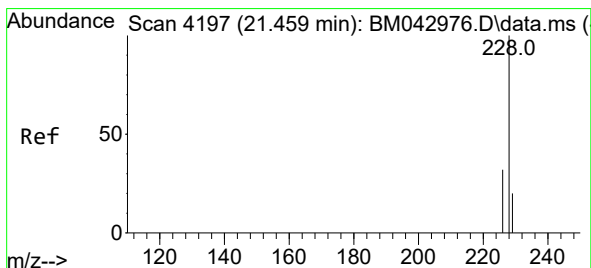
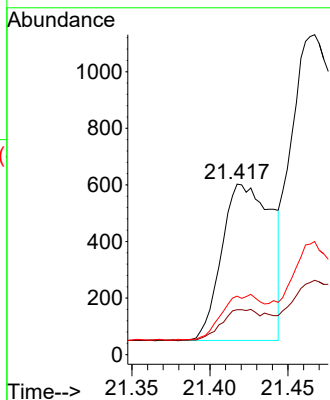
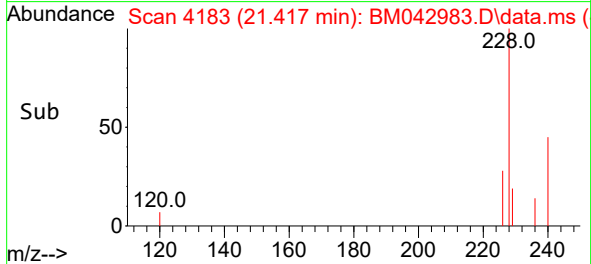
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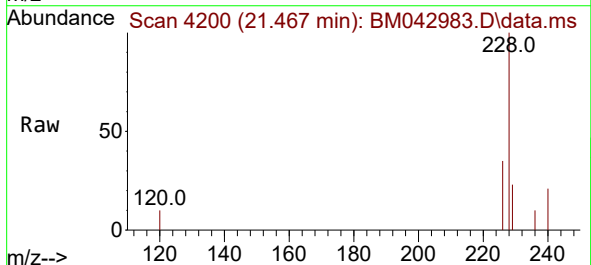
Tgt Ion:228 Resp: 1225
Ion Ratio Lower Upper
228 100
229 26.4 19.4 29.0
226 34.3 24.9 37.3

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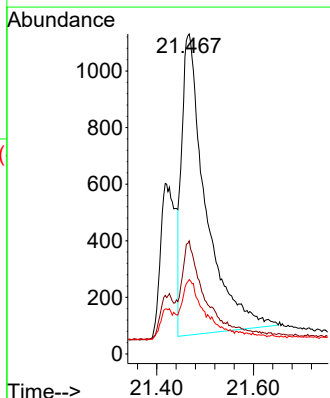
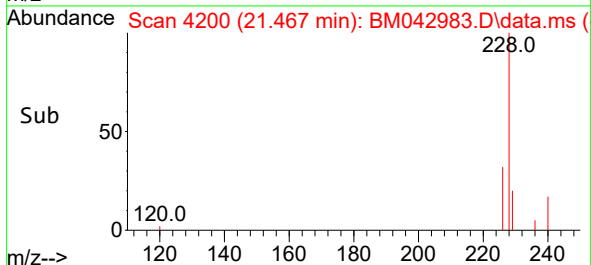
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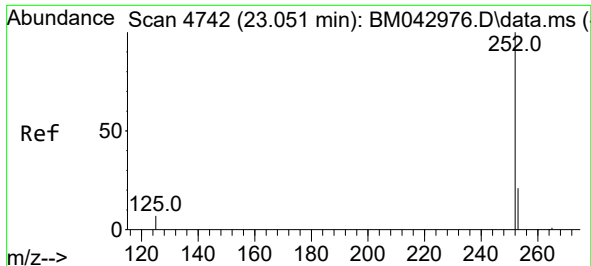


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.467 min Scan# 4200
Delta R.T. 0.008 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



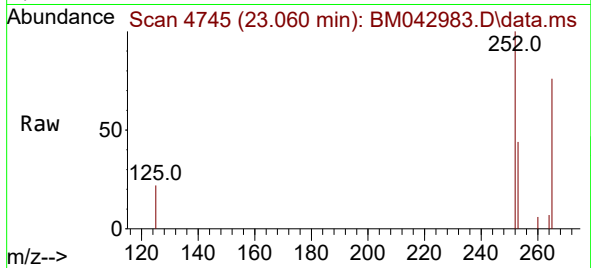
Tgt Ion:228 Resp: 3664
Ion Ratio Lower Upper
228 100
226 35.4 27.2 40.8
229 23.3 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.219 ng/ul
RT: 23.060 min Scan# 4745
Delta R.T. 0.009 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

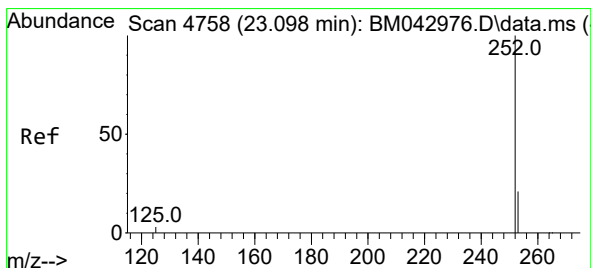
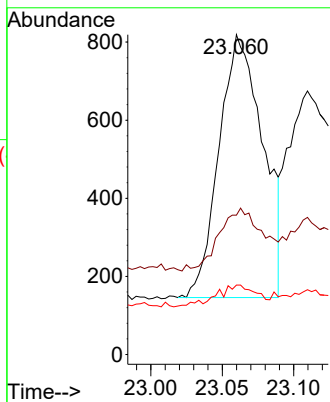
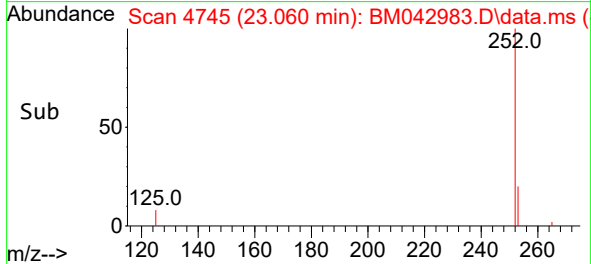
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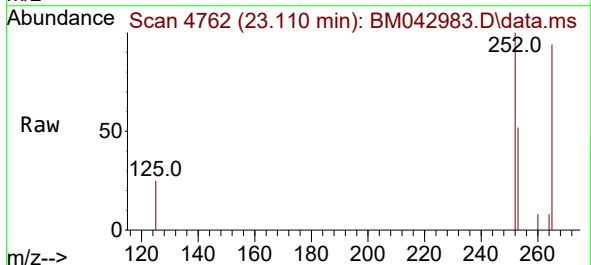
Tgt Ion:252 Resp: 1430
Ion Ratio Lower Upper
252 100
253 43.6 0.0 71.8
125 21.7 0.0 29.0

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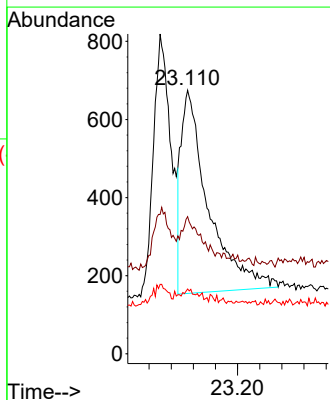
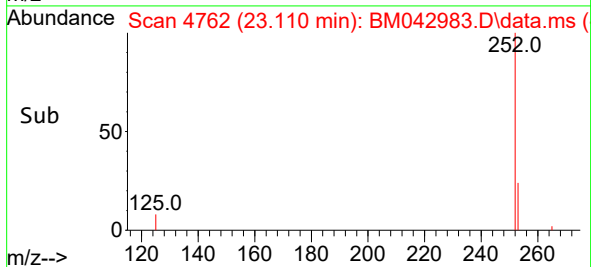
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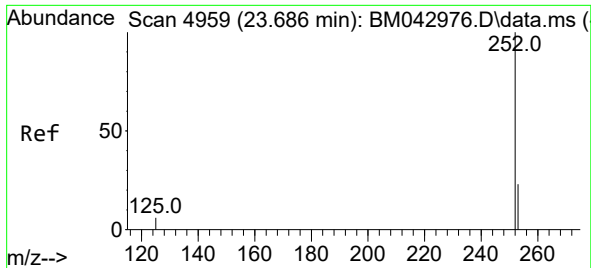


#25
Benzo(k)fluoranthene
Concen: 0.198 ng/ul
RT: 23.110 min Scan# 4762
Delta R.T. 0.011 min
Lab File: BM042983.D
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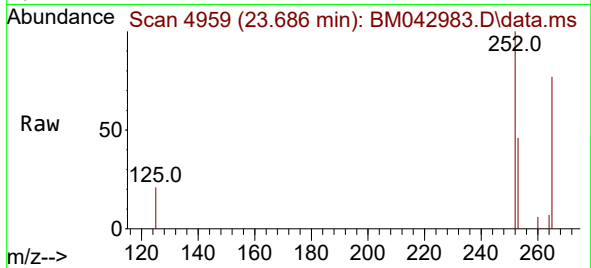
Tgt Ion:252 Resp: 1786
Ion Ratio Lower Upper
252 100
253 52.0 28.2 42.2#
125 24.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.440 ng/ul
RT: 23.686 min Scan# 4959
Delta R.T. -0.000 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33

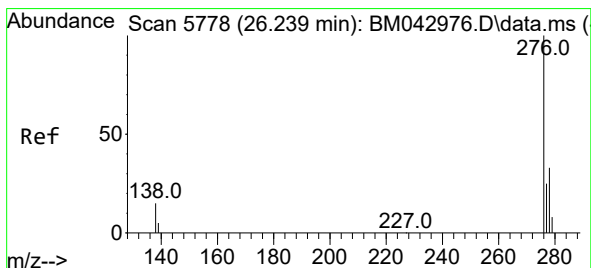
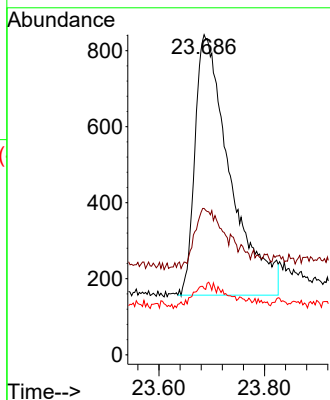
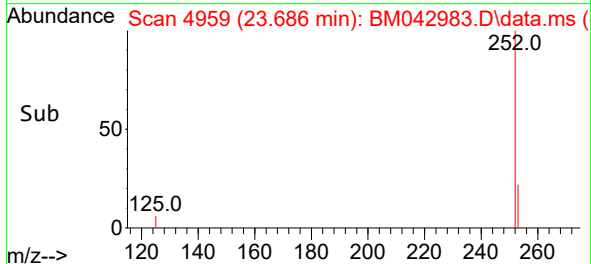
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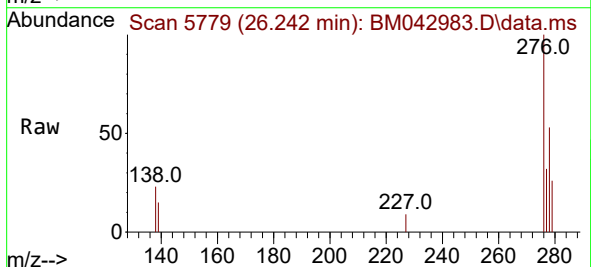
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Ion Ratio Lower Upper
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253 45.7 36.6 55.0
125 20.7 16.2 24.4

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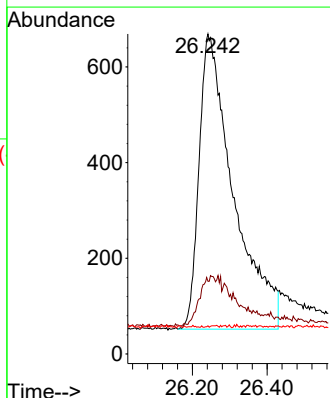
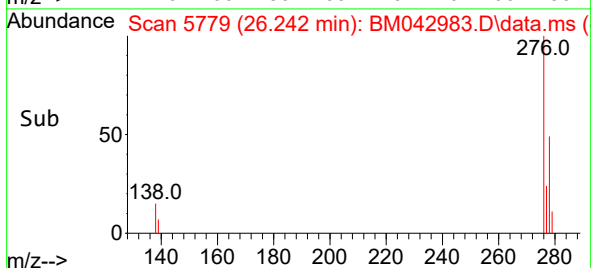
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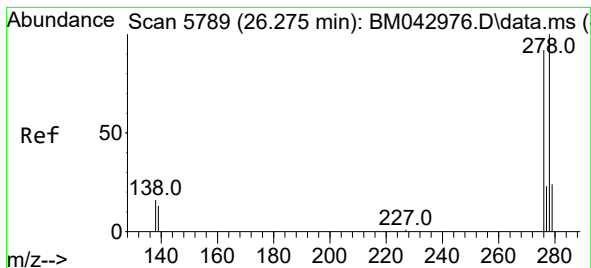


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. 0.003 min
Lab File: BM042983.D
Acq: 24 Nov 2023 17:33



Tgt Ion:276 Resp: 3937
Ion Ratio Lower Upper
276 100
138 17.5 0.0 0.0#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.522 ng/ul

RT: 26.275 min Scan# 51

Delta R.T. -0.000 min

Lab File: BM042983.D

Acq: 24 Nov 2023 17:33

Instrument :

BNA_M

ClientSampleId :

DCKV3DL

Tgt Ion:278 Resp: 3910

Ion Ratio Lower Upper

278 100

139 20.2 18.1 27.1

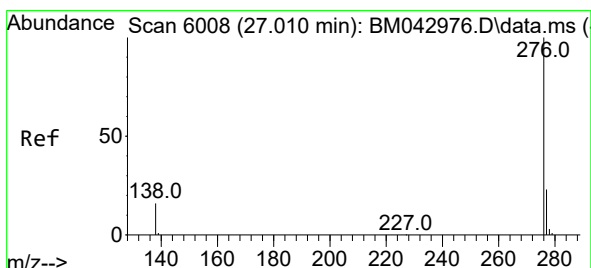
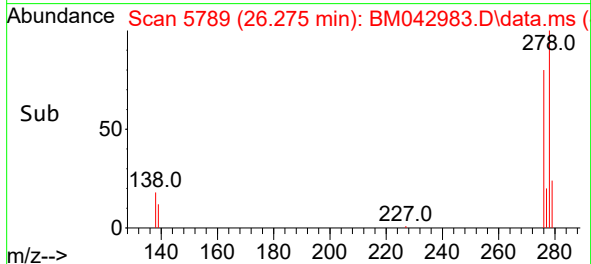
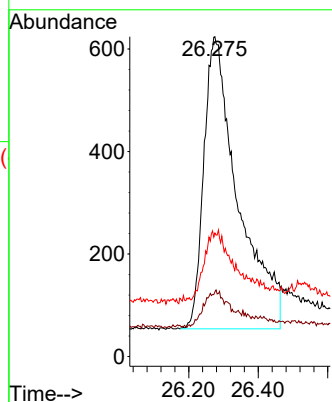
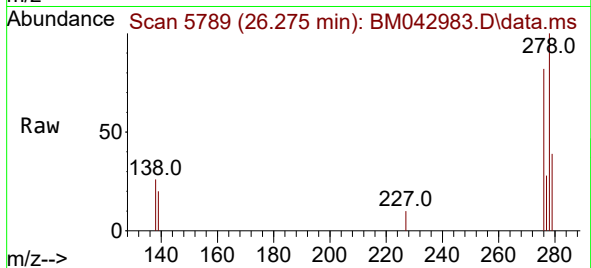
279 38.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.818 ng/ul

RT: 26.996 min Scan# 6004

Delta R.T. -0.014 min

Lab File: BM042983.D

Acq: 24 Nov 2023 17:33

Tgt Ion:276 Resp: 7707

Ion Ratio Lower Upper

276 100

138 17.5 17.8 26.8#

277 26.7 23.8 35.8

