

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044139.D
 Acq On : 16 Feb 2024 15:09
 Operator : MA/JU
 Sample : P1329-16DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:39:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	32938	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	18278	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	36344	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.497	240	22898	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	22995	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10025	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	3890	0.084	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	4933	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	6451	0.066	ng/ul#	73
7) 2-Methylnaphthalene	12.365	142	8118	0.134	ng/ul#	74
8) 1-Methylnaphthalene	12.585	142	7017	0.115	ng/ul#	69
10) Acenaphthylene	14.270	152	2959	0.029	ng/ul#	1
14) Pentachlorophenol	16.942	266	413	0.032	ng/ul	98
15) Phenanthrene	17.339	178	5213	0.045	ng/ul#	82
19) Fluoranthene	19.359	202	63876	0.612	ng/ul	97
20) Pyrene	19.721	202	43644	0.398	ng/ul#	93
21) Benzo(a)anthracene	21.482	228	8398	0.080	ng/ul#	71
22) Chrysene	21.511	228	23027	0.204	ng/ul#	83
24) Benzo(b)fluoranthene	23.163	252	26683	0.281	ng/ul#	38
25) Benzo(k)fluoranthene	23.207	252	7231m	0.070	ng/ul	
26) Benzo(a)pyrene	23.783	252	9593	0.109	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.366	276	7926	0.071	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.386	278	1964	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	27.124	276	7659	0.077	ng/ul#	70

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

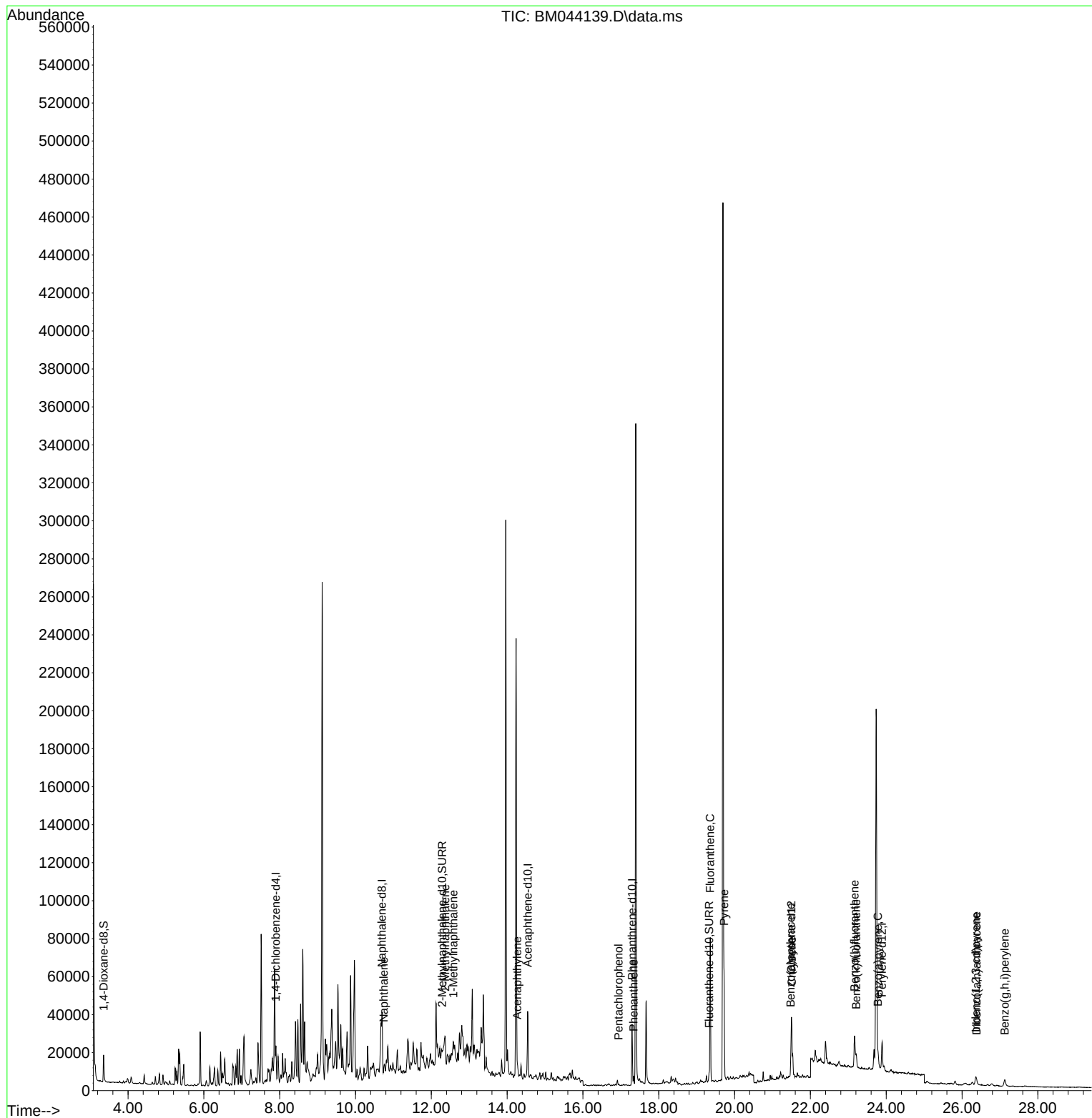
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044139.D
Acq On : 16 Feb 2024 15:09
Operator : MA/JU
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ALS Vial : 49 Sample Multiplier: 1

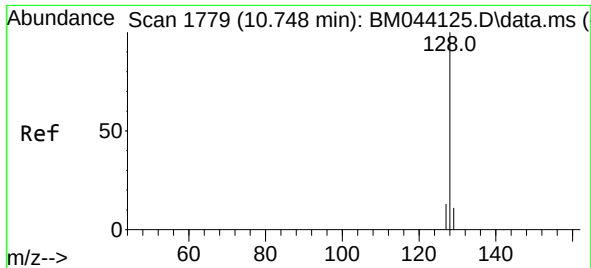
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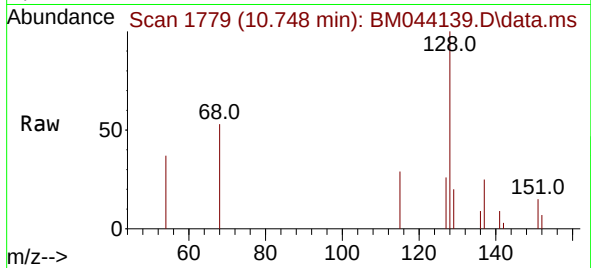
Quant Time: Feb 16 22:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

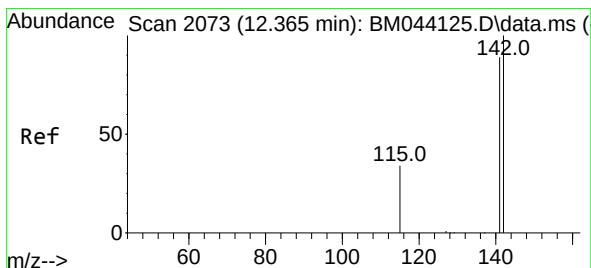
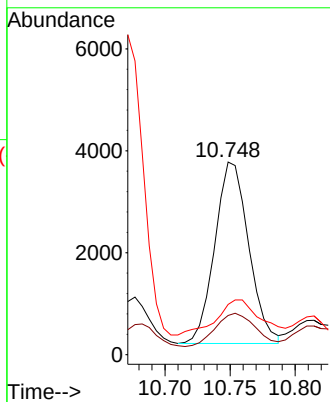
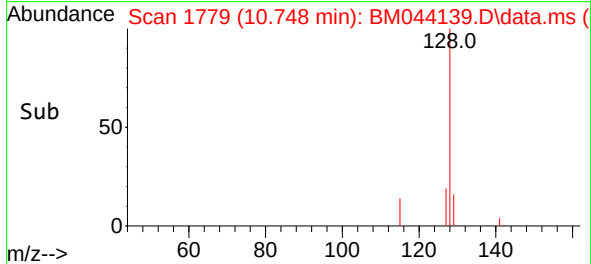
Instrument :
BNA_M
ClientSampleId :
C0FR7DL



Tgt Ion:128 Resp: 645
Ion Ratio Lower Upper
128 100
129 20.3 9.5 14.3
127 26.1 10.7 16.1

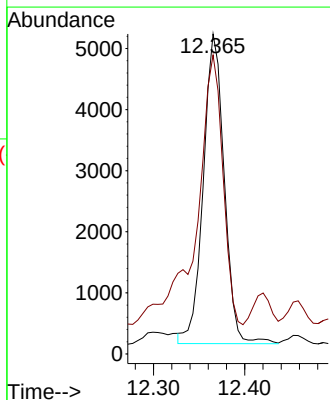
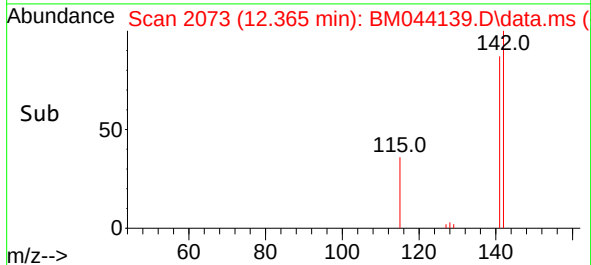
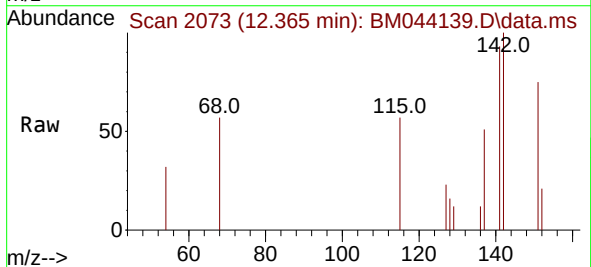
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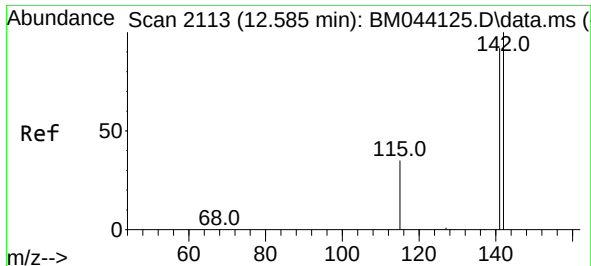
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#7
2-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

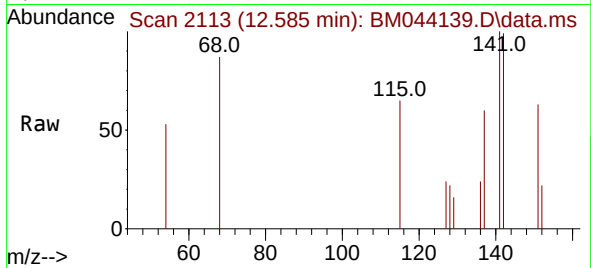
Tgt Ion:142 Resp: 8118
Ion Ratio Lower Upper
142 100
141 111.9 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

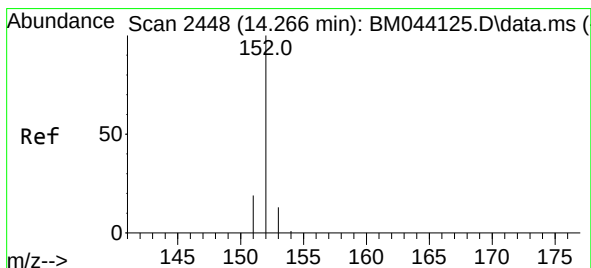
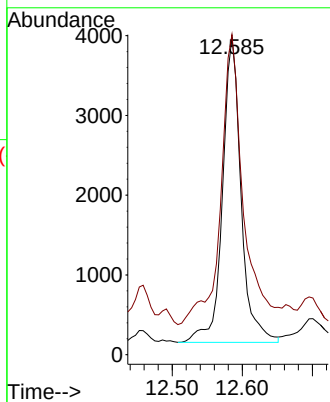
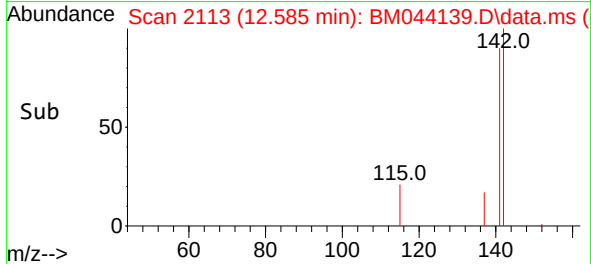
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Tgt Ion:142 Resp: 701
Ion Ratio Lower Upper
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141 120.0 72.5 108.7

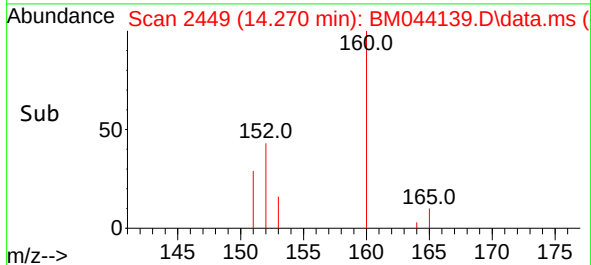
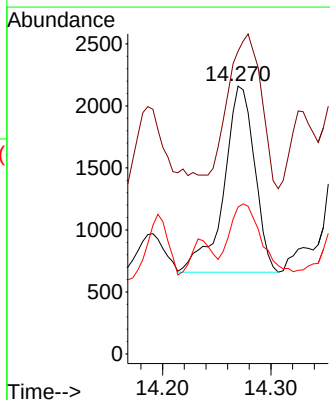
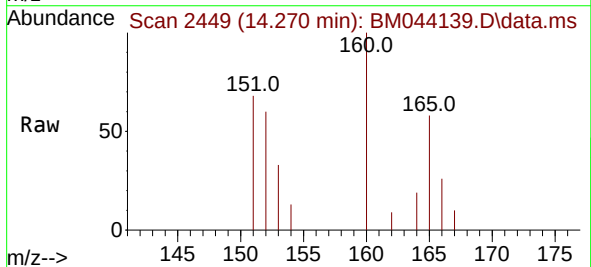
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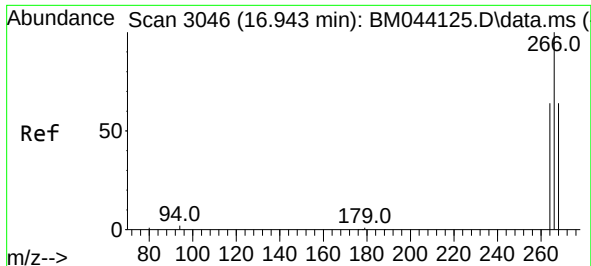
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Supervised By :mohammad ahmed 02/19/2024



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

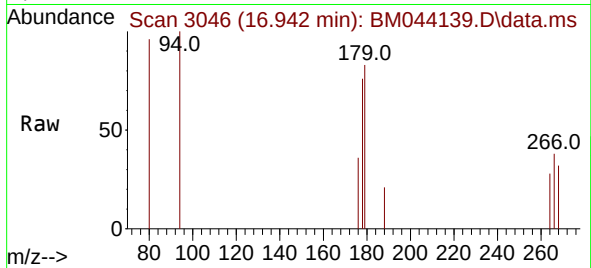
Tgt Ion:152 Resp: 2959
Ion Ratio Lower Upper
152 100
151 113.1 15.5 23.3#
153 54.9 10.8 16.2#





#14
Pentachlorophenol
Concen: 0.032 ng/u1
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

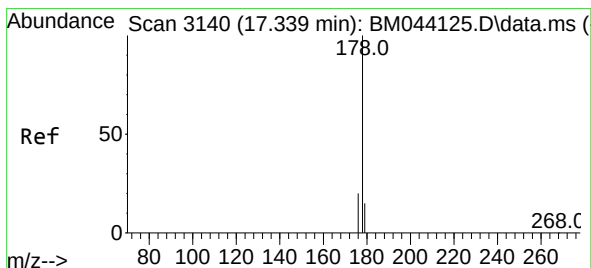
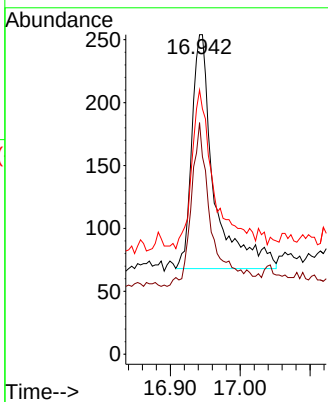
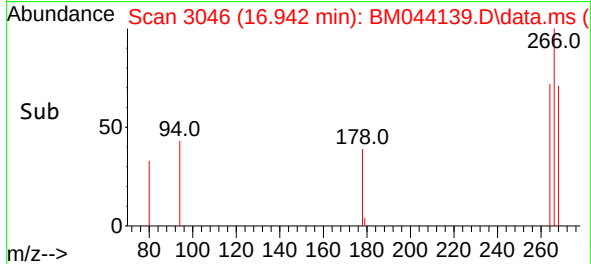
Instrument :
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ClientSampleId :
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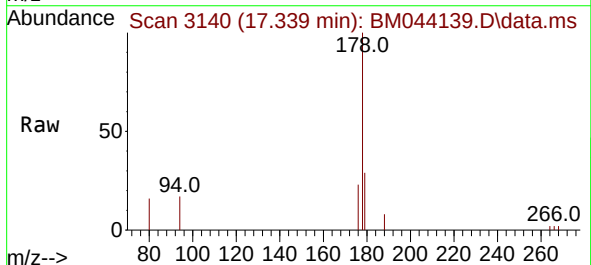
Tgt Ion:266 Resp: 411
Ion Ratio Lower Upper
266 100
264 63.7 49.4 74.0
268 63.7 52.1 78.1

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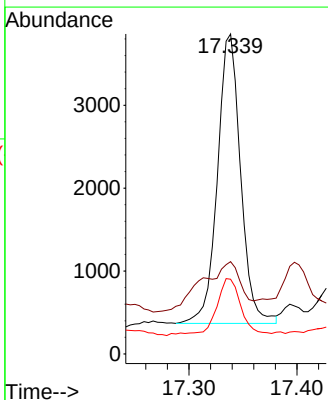
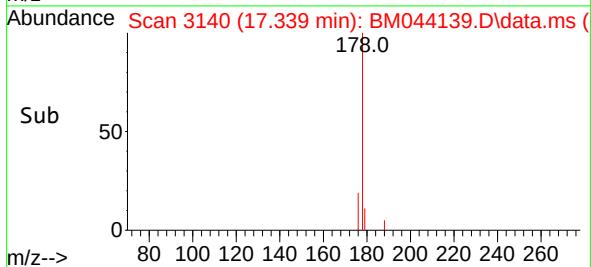
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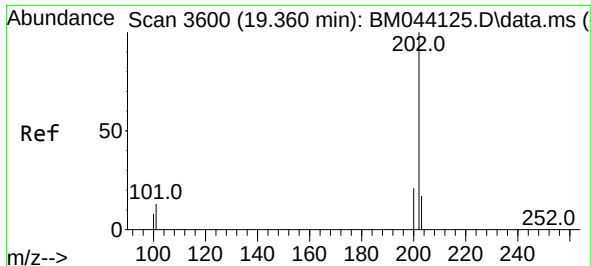


#15
Phenanthrene
Concen: 0.045 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



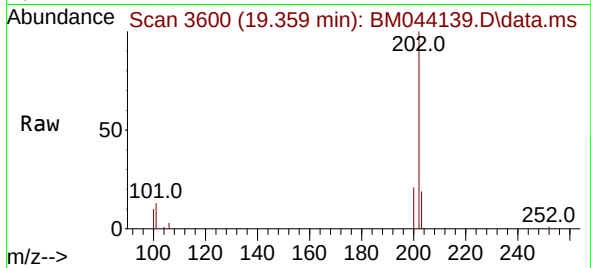
Tgt Ion:178 Resp: 5213
Ion Ratio Lower Upper
178 100
179 28.8 12.6 19.0#
176 23.3 16.0 24.0





#19
Fluoranthene
Concen: 0.612 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

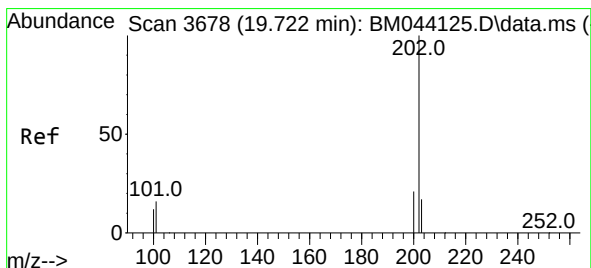
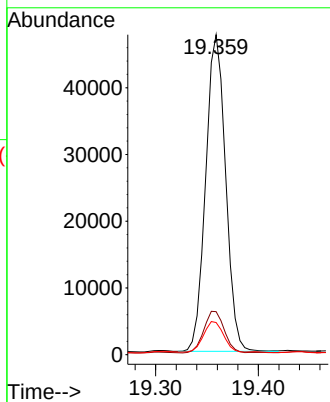
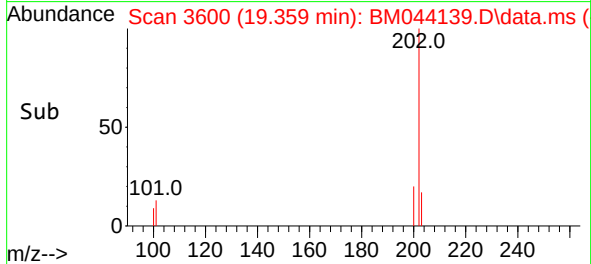
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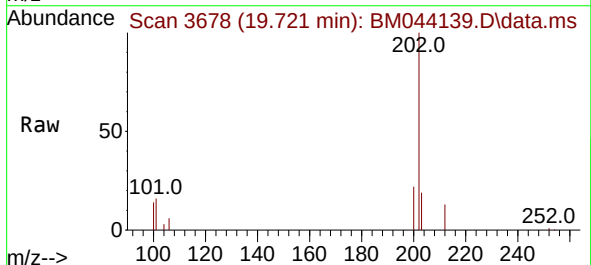
Tgt Ion:202 Resp: 63870
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 10.1 7.0 10.4

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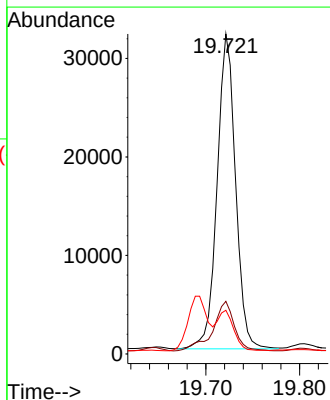
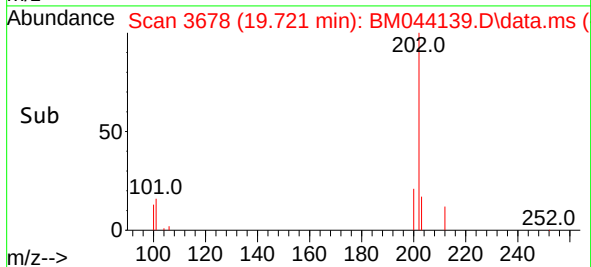
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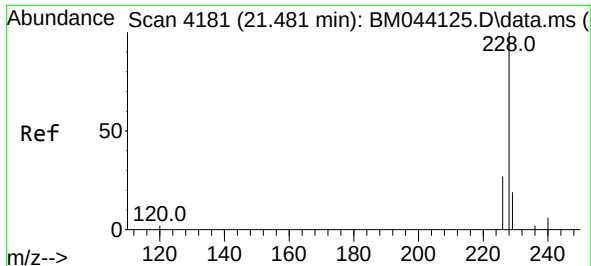


#20
Pyrene
Concen: 0.398 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



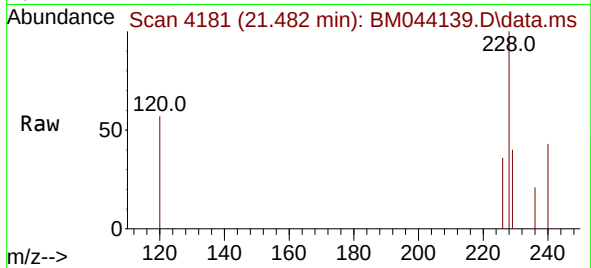
Tgt Ion:202 Resp: 43644
Ion Ratio Lower Upper
202 100
101 16.5 11.2 16.8
100 13.7 8.6 13.0#





#21
Benzo(a)anthracene
Concen: 0.080 ng/u1
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

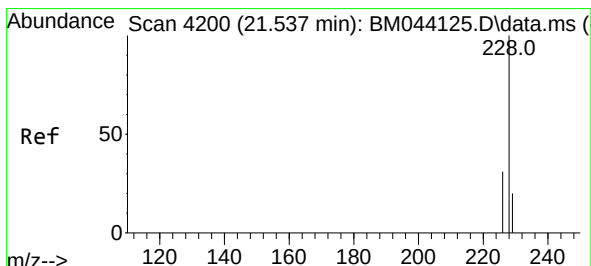
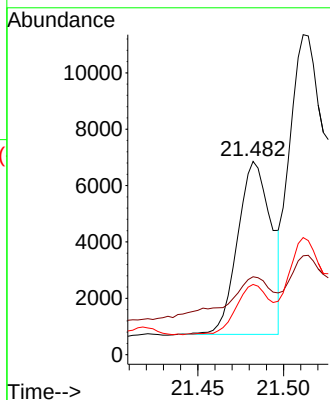
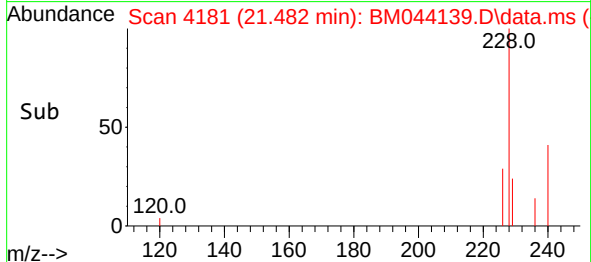
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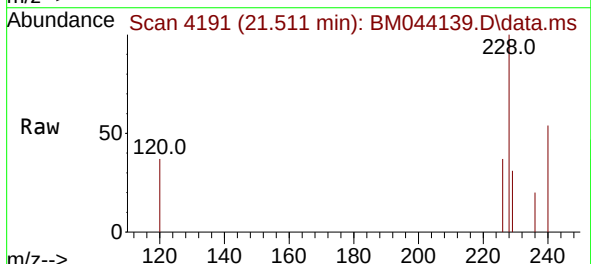
Tgt Ion:228 Resp: 8398
Ion Ratio Lower Upper
228 100
229 40.3 15.4 23.2#
226 36.3 22.1 33.1#

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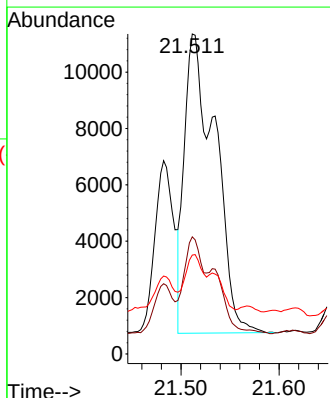
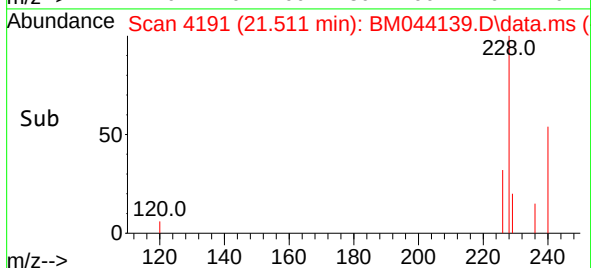
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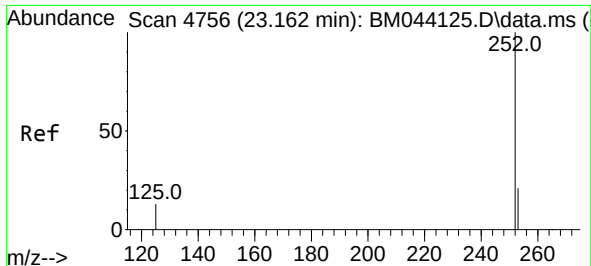


#22
Chrysene
Concen: 0.204 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. -0.026 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



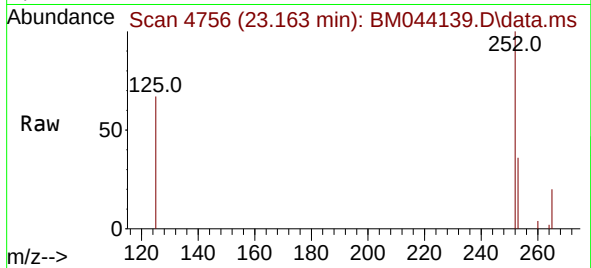
Tgt Ion:228 Resp: 23027
Ion Ratio Lower Upper
228 100
226 36.6 24.2 36.2#
229 30.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

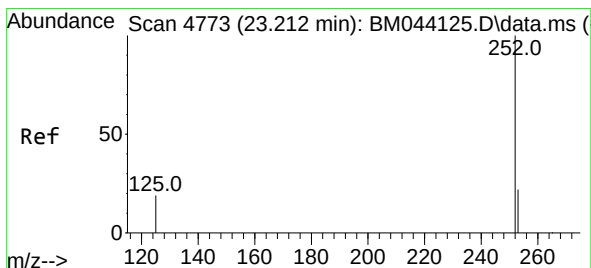
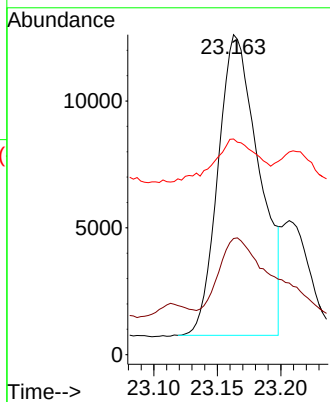
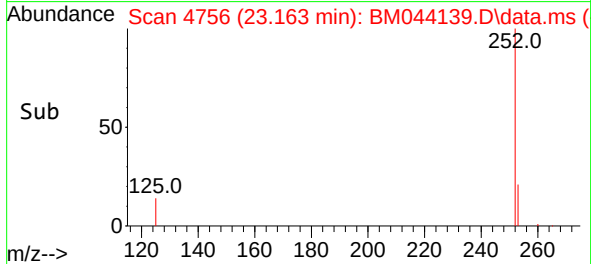
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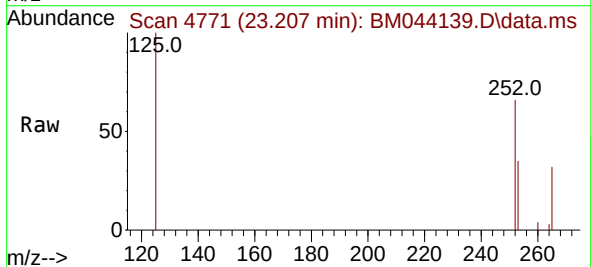
Tgt Ion:252 Resp: 2668
Ion Ratio Lower Upper
252 100
253 36.3 0.0 50.0
125 67.4 0.0 28.2

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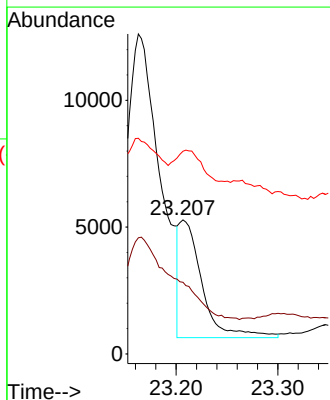
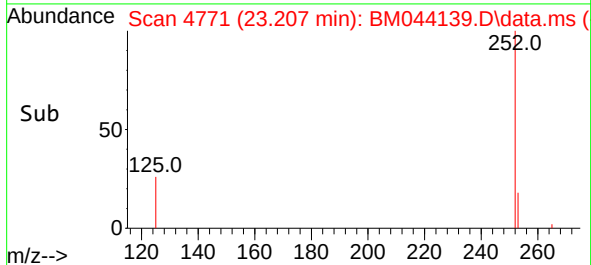
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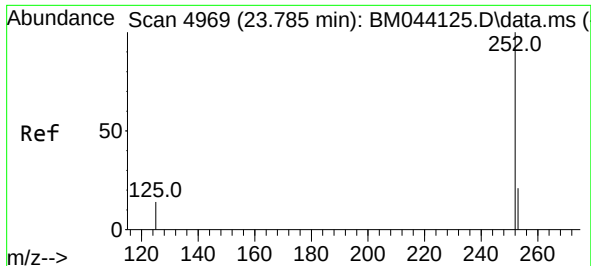


#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



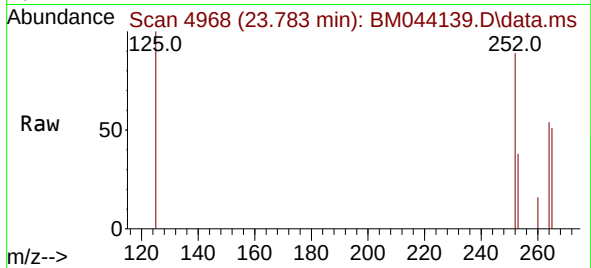
Tgt Ion:252 Resp: 7231
Ion Ratio Lower Upper
252 100
253 53.4 20.1 30.1#
125 151.2 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.783 min Scan# 4969
Delta R.T. -0.003 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

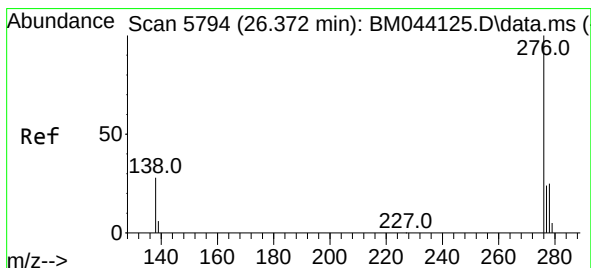
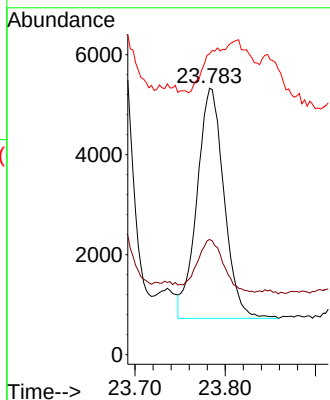
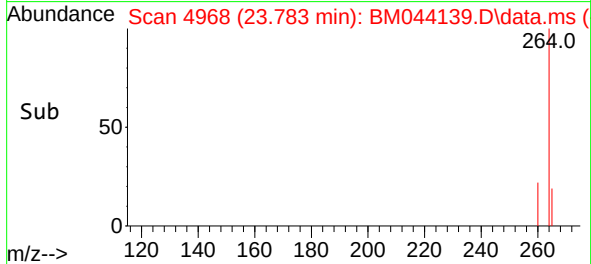
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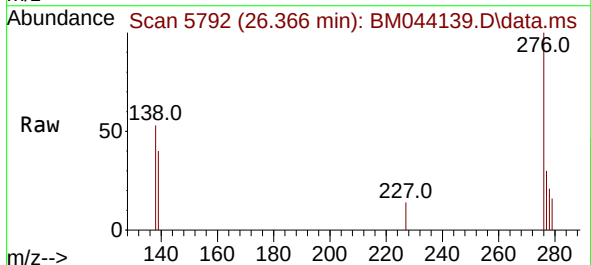
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Ion Ratio Lower Upper
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125 113.0 13.3 19.9

Manual Integrations
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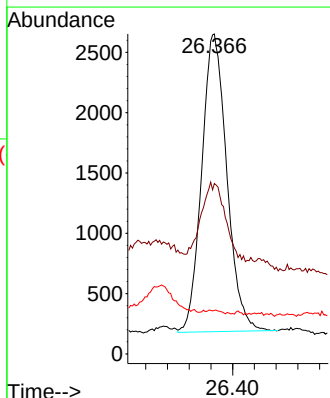
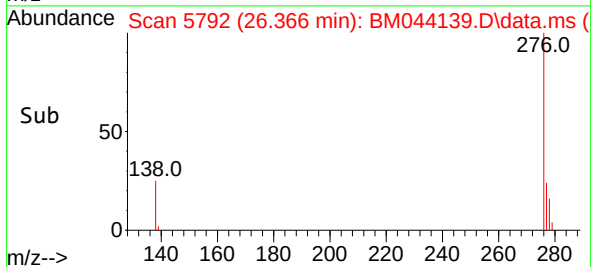
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

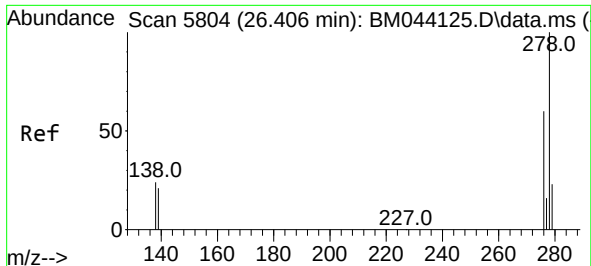


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. -0.003 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



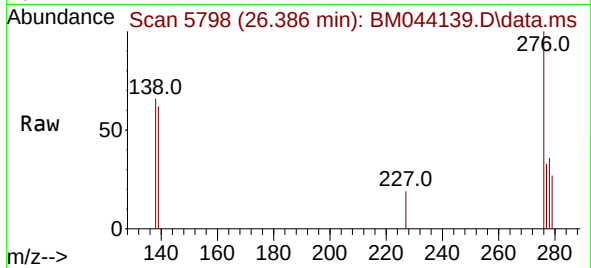
Tgt Ion:276 Resp: 7926
Ion Ratio Lower Upper
276 100
138 35.4 25.2 37.8
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.386 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09

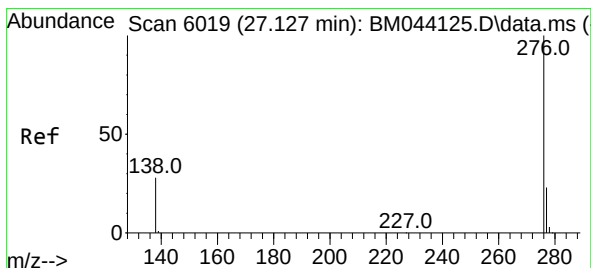
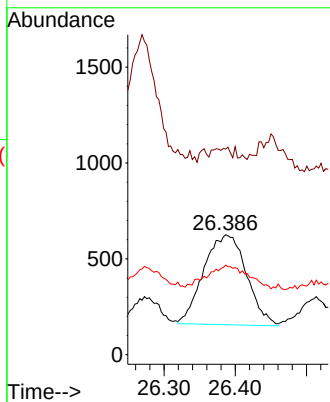
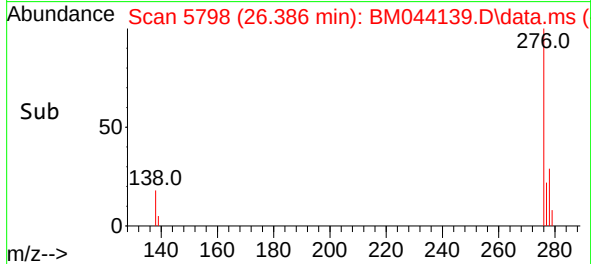
Instrument :
BNA_M
ClientSampleId :
C0FR7DL



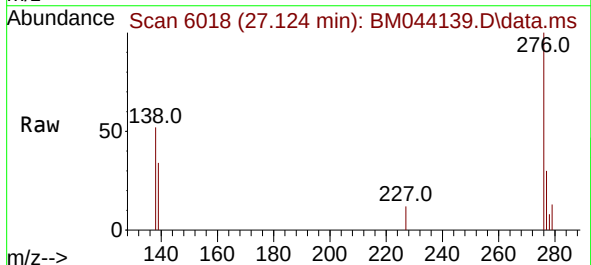
Tgt Ion:278 Resp: 1964
Ion Ratio Lower Upper
278 100
139 171.2 17.8 26.8
279 74.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044139.D
Acq: 16 Feb 2024 15:09



Tgt Ion:276 Resp: 7659
Ion Ratio Lower Upper
276 100
138 52.0 22.7 34.1#
277 29.6 19.0 28.6#

