

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040269.D
 Acq On : 15 Jun 2023 21:08
 Operator : MA/JU
 Sample : 03088-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 23:44:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9756	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	34868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	28636	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	17756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	18999	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4419	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	949	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	1288	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.391	178	7143	0.095	ng/ul#	94
19) Fluoranthene	19.403	202	24297	0.402	ng/ul	97
20) Pyrene	19.765	202	20307	0.323	ng/ul	96
21) Benzo(a)anthracene	21.509	228	11653	0.222	ng/ul	96
22) Chrysene	21.564	228	13839	0.250	ng/ul	96
24) Benzo(b)fluoranthene	23.210	252	24063	0.344	ng/ul	80
25) Benzo(k)fluoranthene	23.254	252	9065m	0.137	ng/ul	
26) Benzo(a)pyrene	23.842	252	10112	0.176	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.464	276	10364	0.142	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.477	278	3023	0.052	ng/ul#	32

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

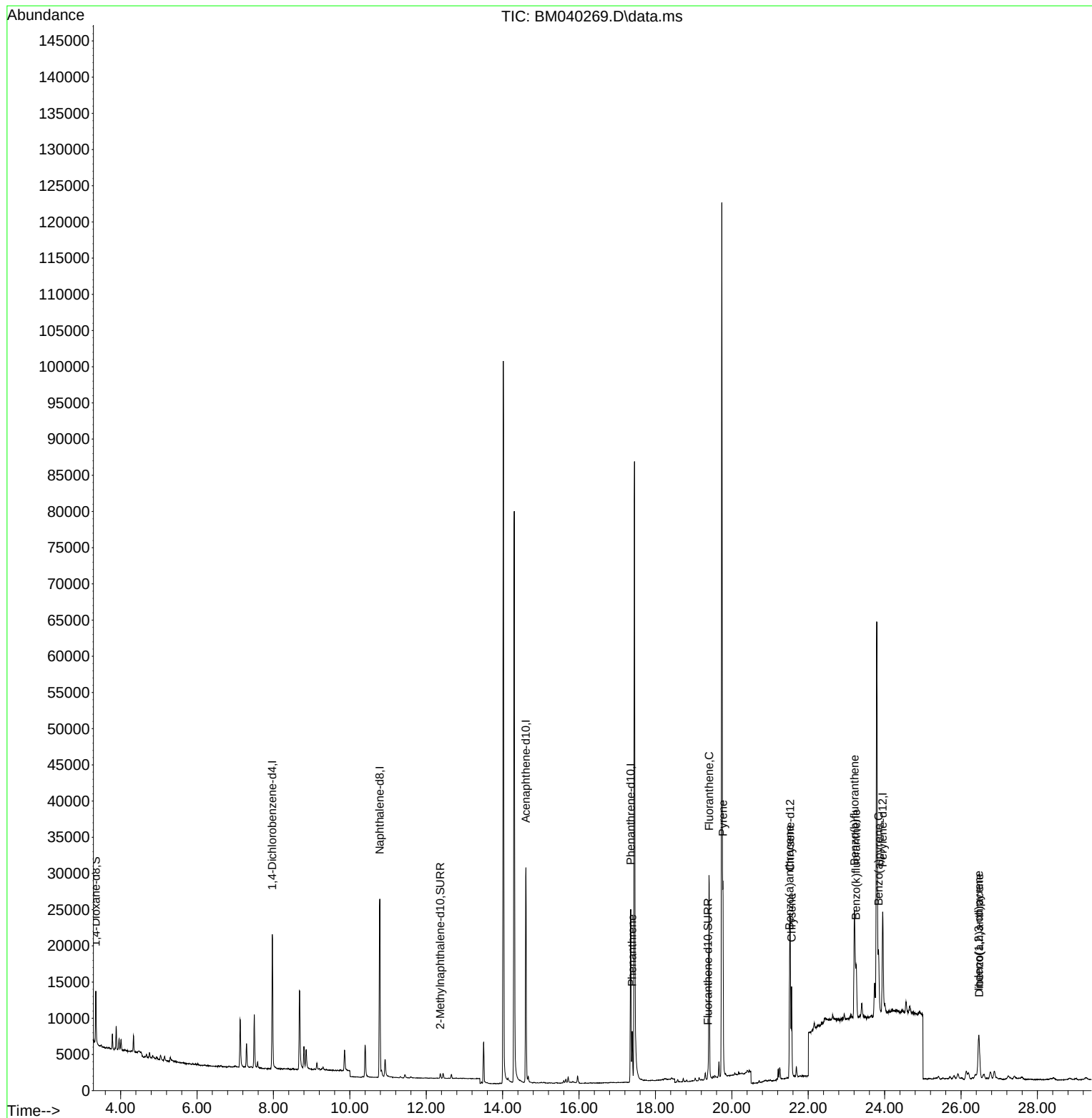
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040269.D
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ALS Vial : 17 Sample Multiplier: 1

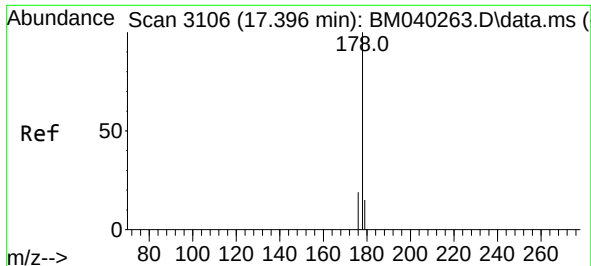
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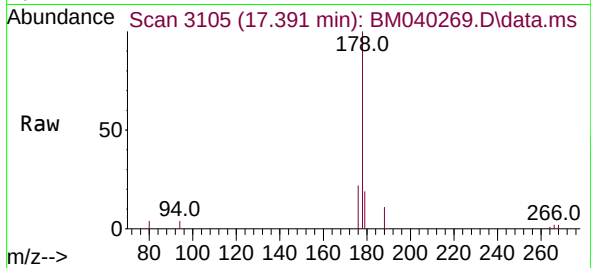
Quant Time: Jun 15 23:44:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.095 ng/u1
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

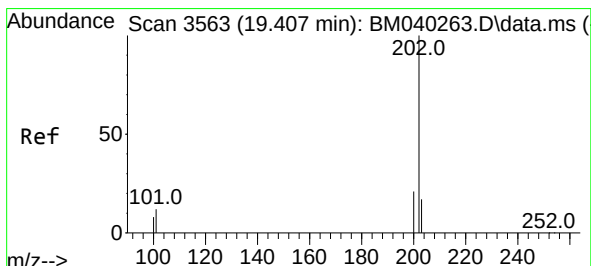
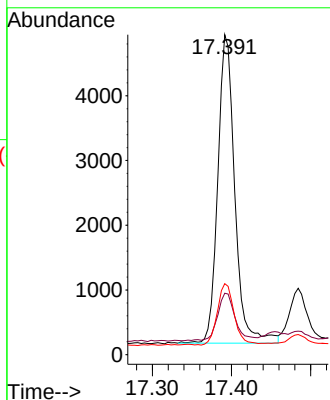
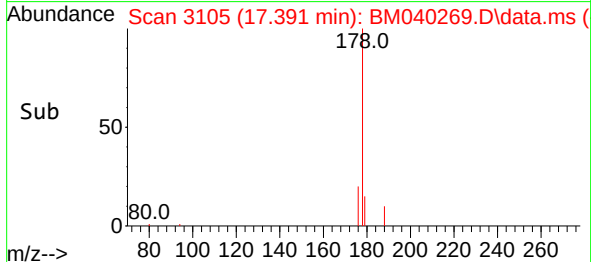
Instrument :
BNA_M
ClientSampleId :
DCFQ9DL



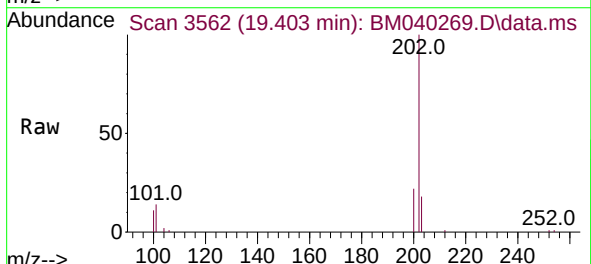
Tgt Ion:178 Resp: 714
Ion Ratio Lower Upper
178 100
179 19.2 12.6 19.0
176 22.2 16.1 24.1

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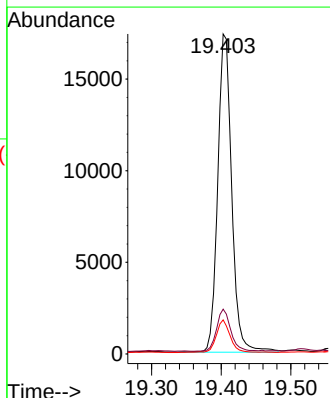
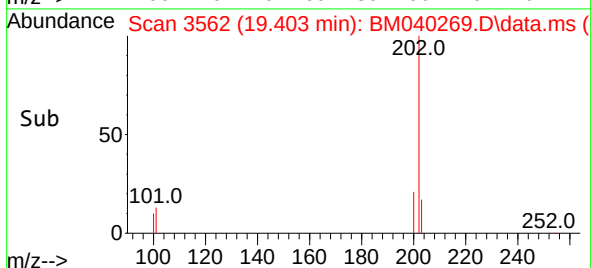
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

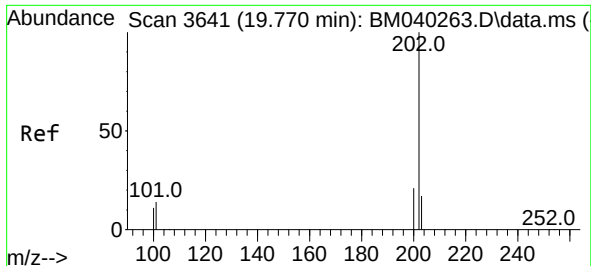


#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08



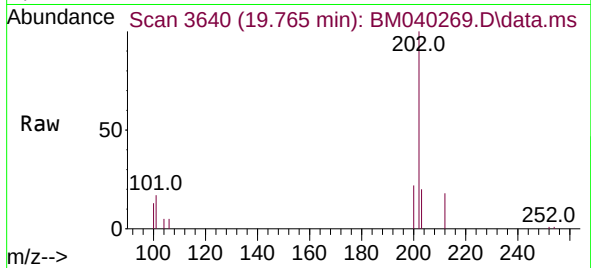
Tgt Ion:202 Resp: 24297
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.4
100 10.7 7.6 11.4





#20
Pyrene
Concen: 0.323 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

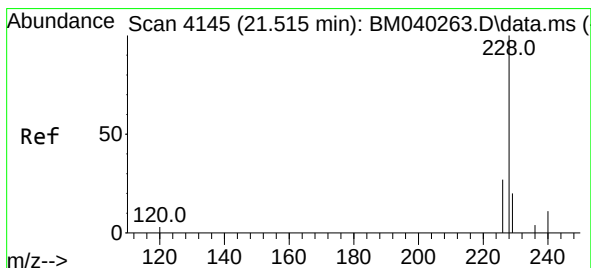
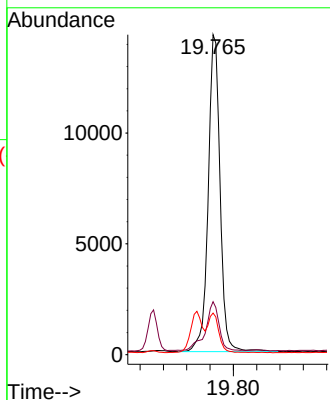
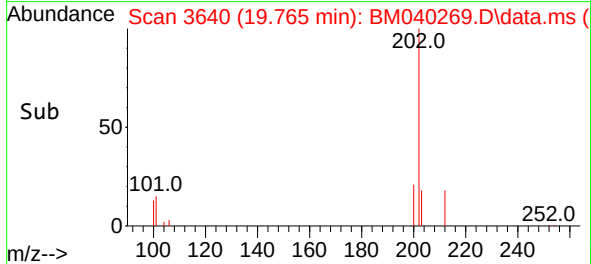
Instrument :
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Tgt Ion:202 Resp: 20307
Ion Ratio Lower Upper
202 100
101 16.5 11.8 17.8
100 13.0 9.3 13.9

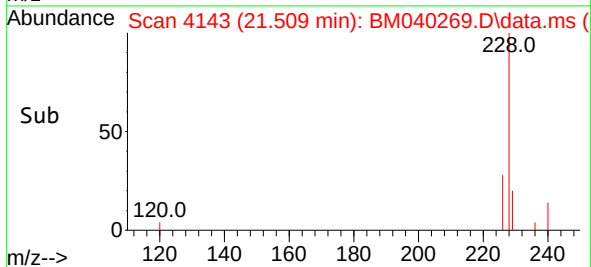
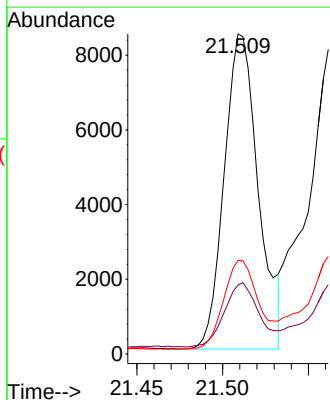
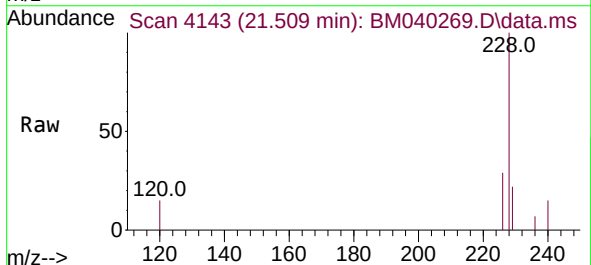
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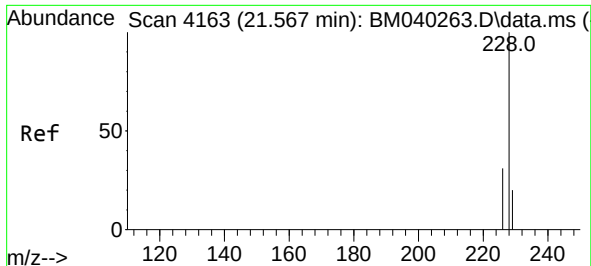
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#21
Benzo(a)anthracene
Concen: 0.222 ng/u1
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

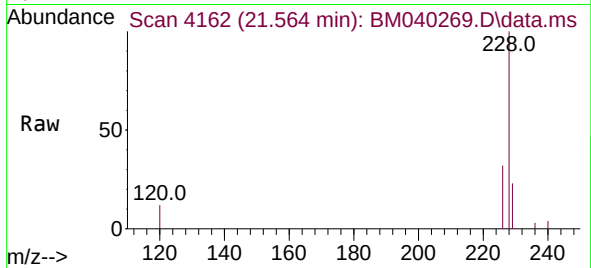
Tgt Ion:228 Resp: 11653
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 29.3 22.0 33.0





#22
Chrysene
Concen: 0.250 ng/ul
RT: 21.564 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

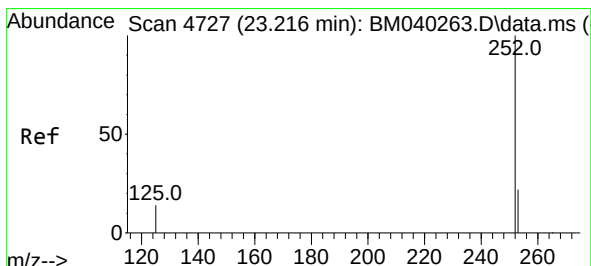
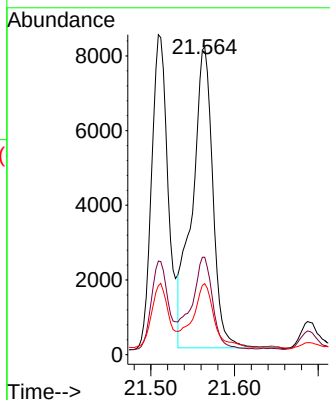
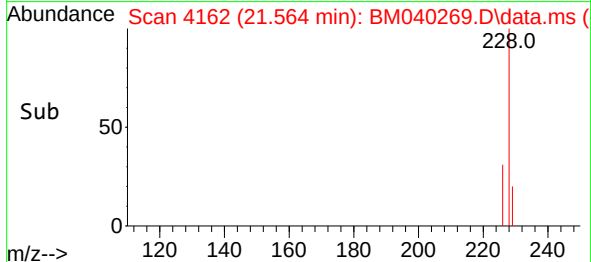
Instrument :
BNA_M
ClientSampleId :
DCFQ9DL



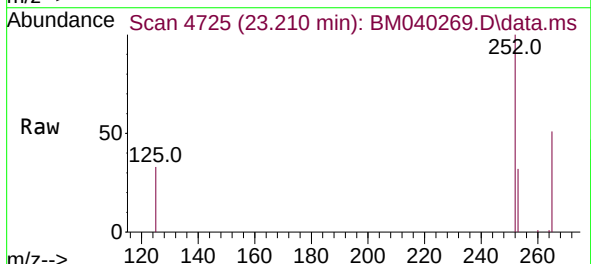
Tgt Ion:228 Resp: 13839
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 23.1 15.7 23.5

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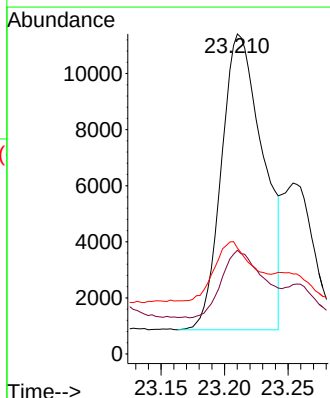
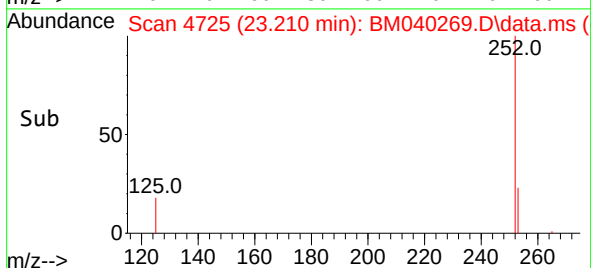
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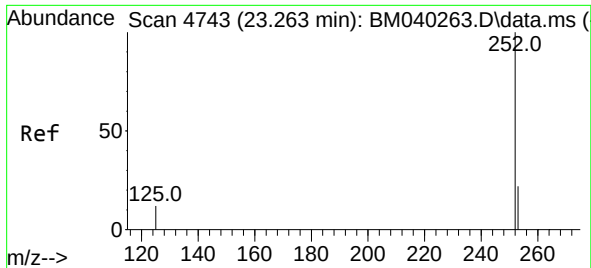


#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08



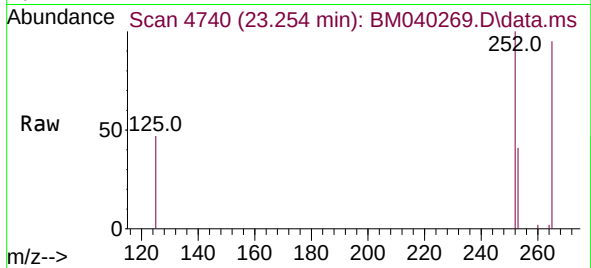
Tgt Ion:252 Resp: 24063
Ion Ratio Lower Upper
252 100
253 32.4 0.0 52.4
125 33.1 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 23.254 min Scan# 4743
Delta R.T. -0.012 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

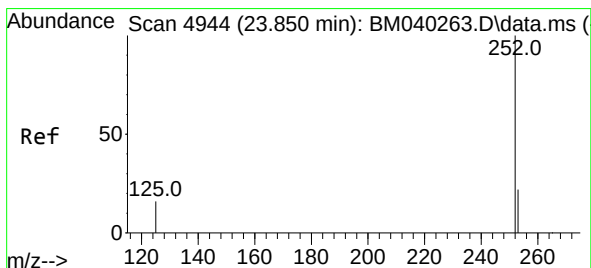
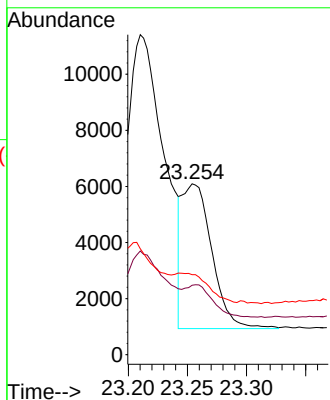
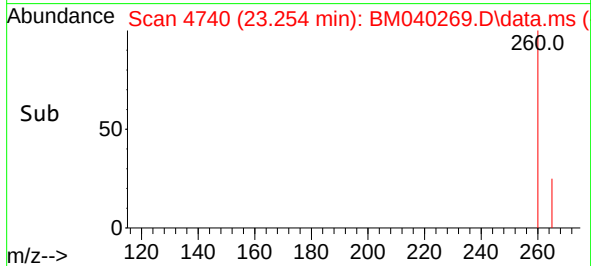
Instrument :
BNA_M
ClientSampleId :
DCFQ9DL



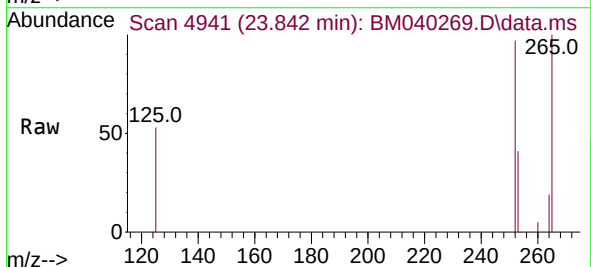
Tgt Ion:252 Resp: 906
Ion Ratio Lower Upper
252 100
253 40.6 21.5 32.3#
125 46.8 14.7 22.1#

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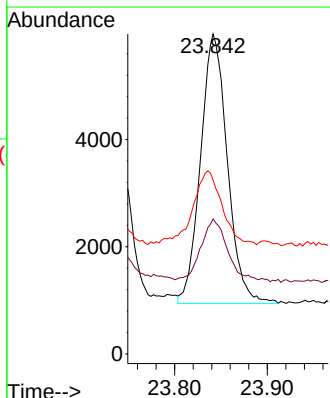
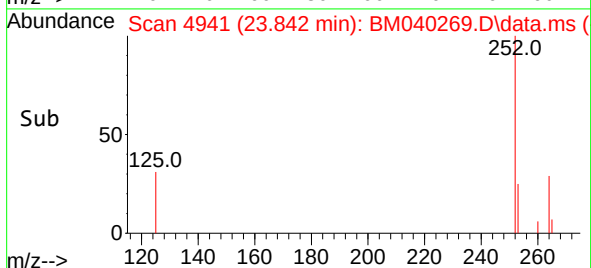
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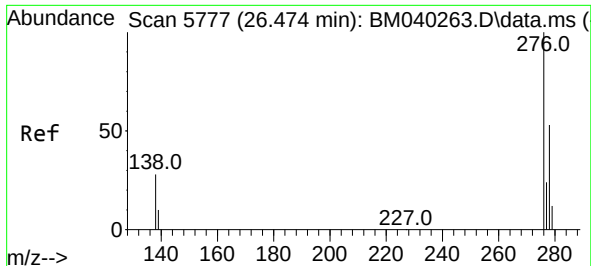


#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08



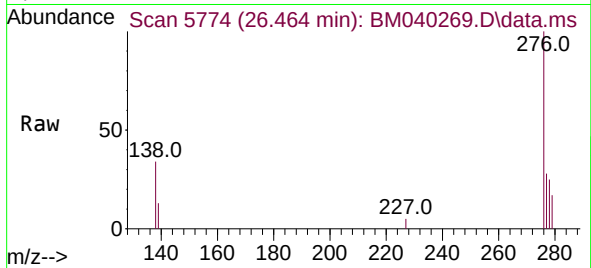
Tgt Ion:252 Resp: 10112
Ion Ratio Lower Upper
252 100
253 42.2 23.4 35.0#
125 54.3 19.7 29.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

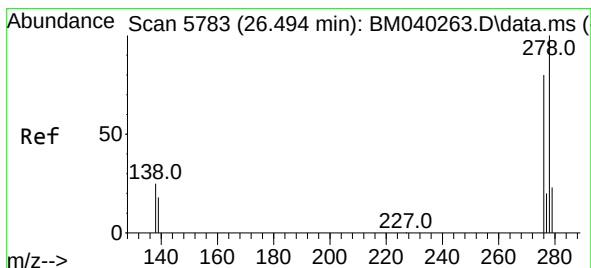
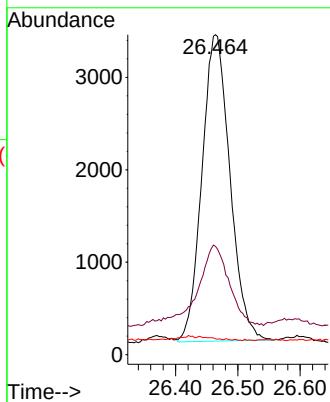
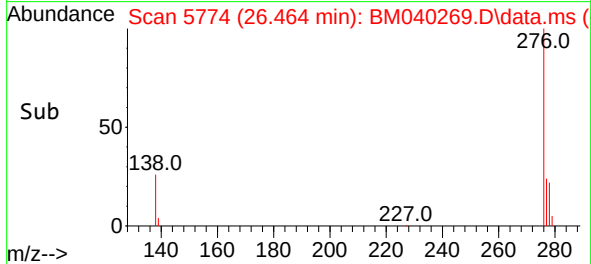
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Tgt Ion:276 Resp: 10364
Ion Ratio Lower Upper
276 100
138 29.2 23.3 34.9
227 0.0 0.1 0.1

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#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.477 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BM040269.D
Acq: 15 Jun 2023 21:08

Tgt Ion:278 Resp: 3023
Ion Ratio Lower Upper
278 100
139 50.7 16.4 24.6#
279 63.4 21.8 32.8#

