

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042001.D
 Acq On : 22 Sep 2023 23:43
 Operator : MA/JU
 Sample : 04386-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 23 02:40:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	14179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	7300	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14516	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	5696	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	4976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	20970	2.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	2988	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	4854	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.978	266	218	0.028	ng/ul#	90
19) Fluoranthene	19.403	202	4153	0.065	ng/ul#	91
20) Pyrene	19.771	202	3676	0.058	ng/ul	95
21) Benzo(a)anthracene	21.507	228	1440	0.033	ng/ul#	89
22) Chrysene	21.559	228	1826m	0.041	ng/ul	
24) Benzo(b)fluoranthene	23.184	252	2334	0.061	ng/ul#	1
25) Benzo(k)fluoranthene	23.231	252	1146m	0.031	ng/ul	
26) Benzo(a)pyrene	23.825	252	1027	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.424	276	1120	0.026	ng/ul#	35
29) Benzo(g,h,i)perylene	27.206	276	1043	0.029	ng/ul#	8

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

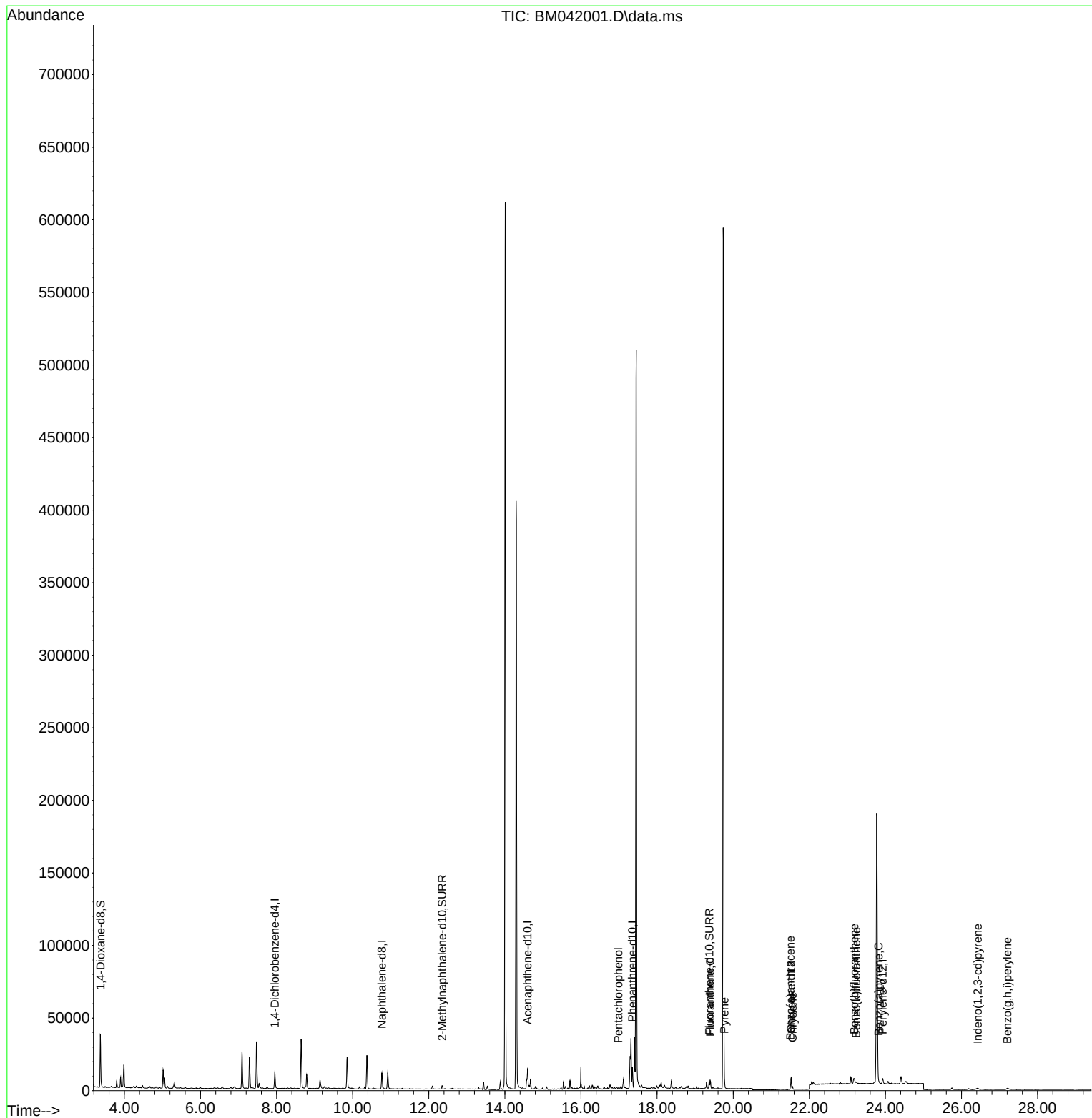
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
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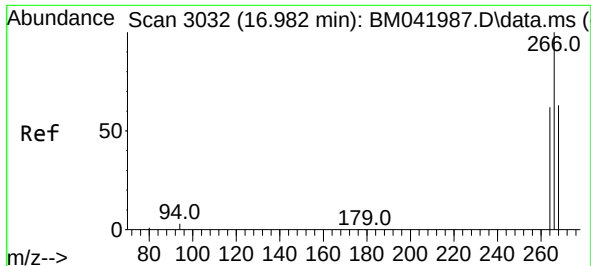
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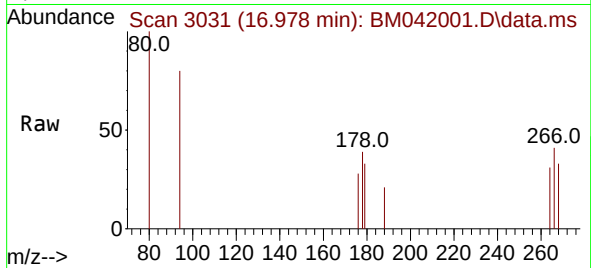
Quant Time: Sep 23 02:40:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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#14
 Pentachlorophenol
 Concen: 0.028 ng/u1
 RT: 16.978 min Scan# 3031
 Delta R.T. -0.004 min
 Lab File: BM042001.D
 Acq: 22 Sep 2023 23:43

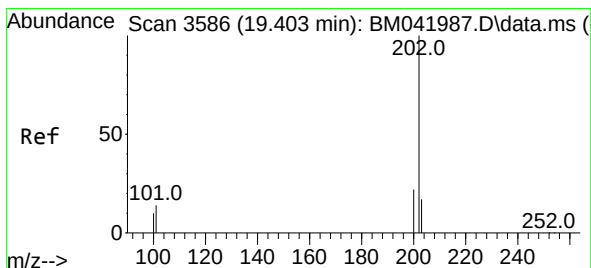
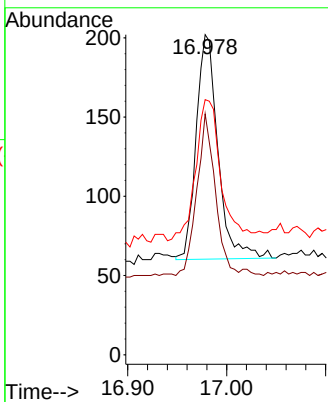
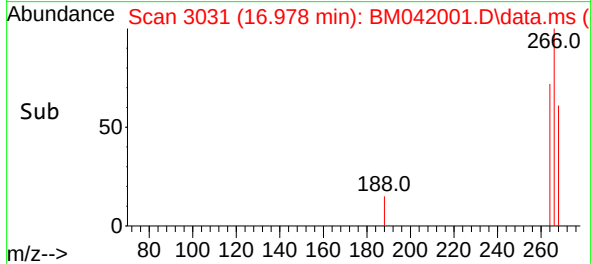
Instrument :
 BNA_M
 ClientSampleId :
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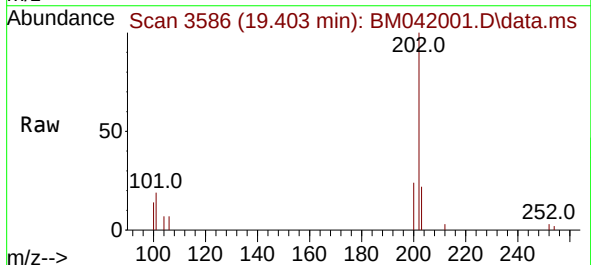
Tgt Ion:266 Resp: 218
 Ion Ratio Lower Upper
 266 100
 264 61.0 50.2 75.4
 268 77.1 51.0 76.4

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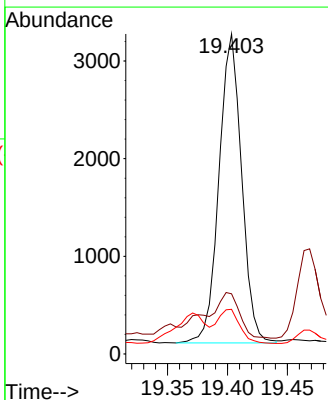
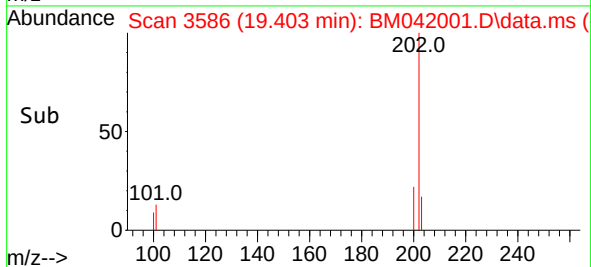
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

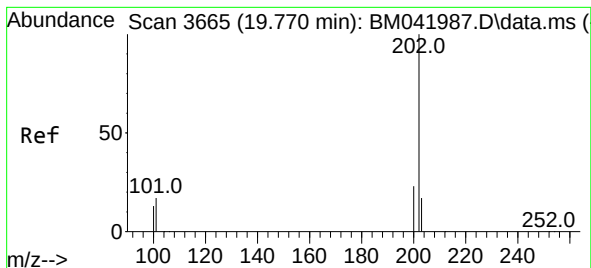


#19
 Fluoranthene
 Concen: 0.065 ng/u1
 RT: 19.403 min Scan# 3586
 Delta R.T. 0.000 min
 Lab File: BM042001.D
 Acq: 22 Sep 2023 23:43



Tgt Ion:202 Resp: 4153
 Ion Ratio Lower Upper
 202 100
 101 18.8 11.8 17.6#
 100 13.9 9.1 13.7#





#20

Pyrene

Concen: 0.058 ng/u1

RT: 19.771 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

Instrument :

BNA_M

ClientSampleId :

C0AF6

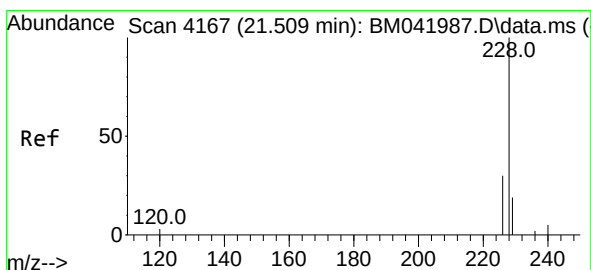
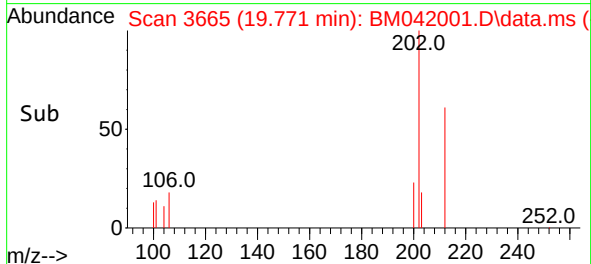
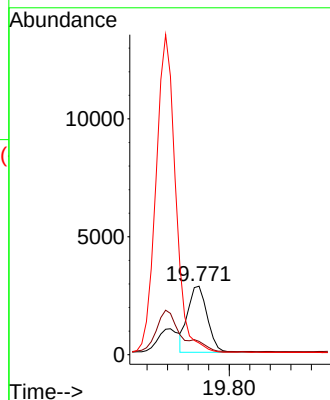
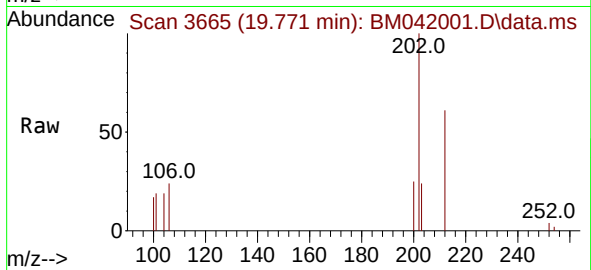
Tgt Ion:	202	Resp:	3670
Ion Ratio	Lower	Upper	
202	100		
101	19.4	14.1	21.1
100	17.0	11.4	17.0

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#21

Benzo(a)anthracene

Concen: 0.033 ng/u1

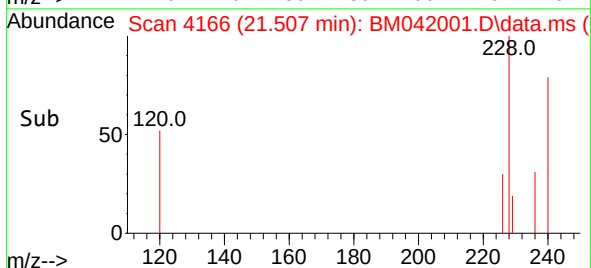
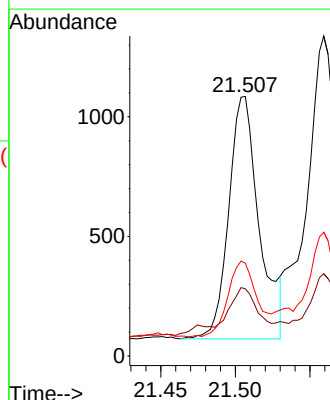
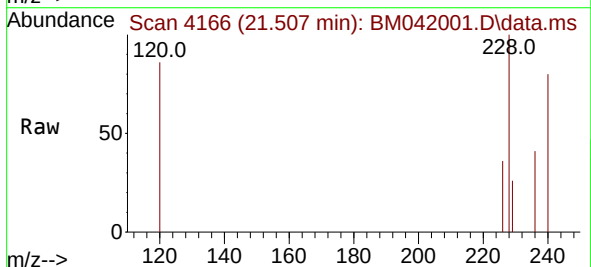
RT: 21.507 min Scan# 4166

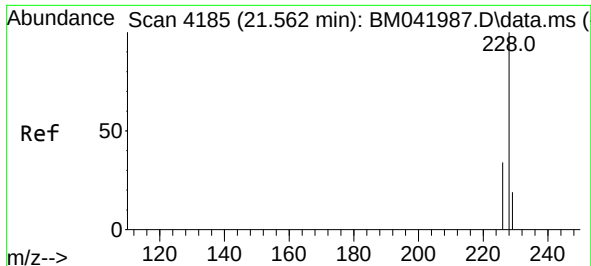
Delta R.T. 0.000 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

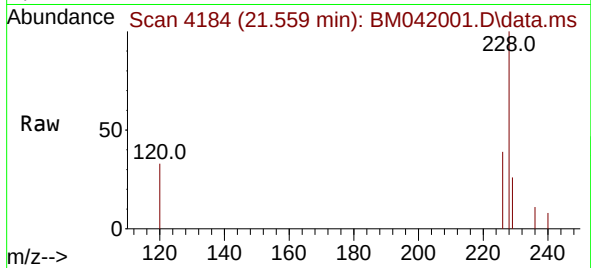
Tgt Ion:	228	Resp:	1440
Ion Ratio	Lower	Upper	
228	100		
229	25.9	15.5	23.3
226	35.8	24.8	37.2





#22
Chrysene
Concen: 0.041 ng/ul m
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

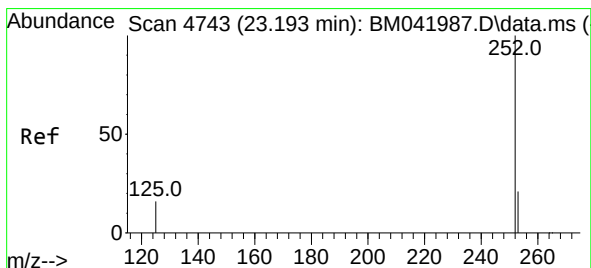
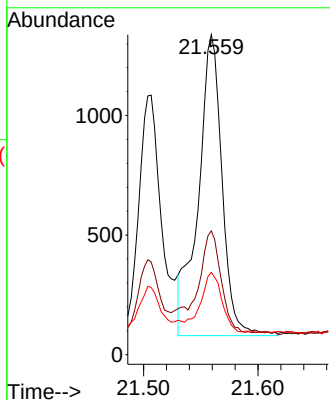
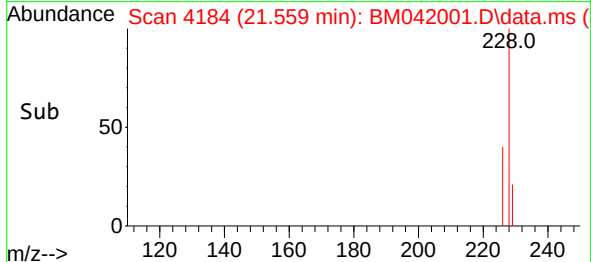
Instrument :
BNA_M
ClientSampleId :
C0AF6



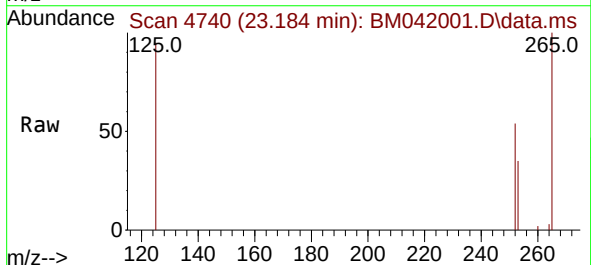
Tgt Ion:228 Resp: 1820
Ion Ratio Lower Upper
228 100
226 38.7 27.8 41.6
229 25.7 15.6 23.4

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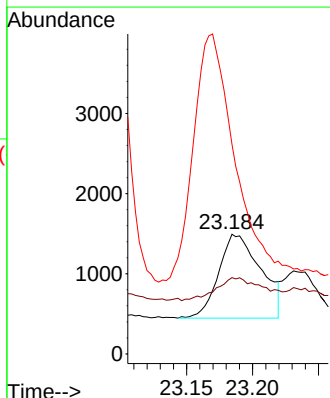
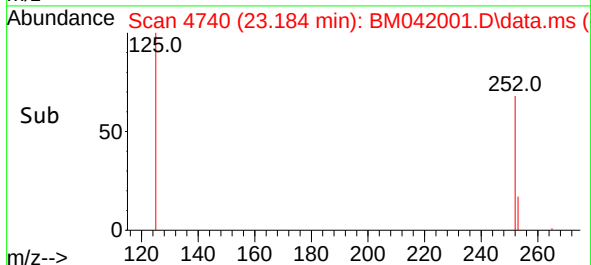
Reviewed By :Yogesh Patel 09/25/2023
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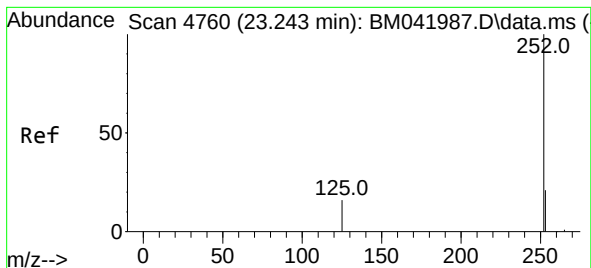


#24
Benzo(b)fluoranthene
Concen: 0.061 ng/ul
RT: 23.184 min Scan# 4740
Delta R.T. -0.006 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43



Tgt Ion:252 Resp: 2334
Ion Ratio Lower Upper
252 100
253 63.7 0.0 54.4#
125 175.2 0.0 46.2#





#25

Benzo(k)fluoranthene

Concen: 0.031 ng/ul m

RT: 23.231 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

Instrument :

BNA_M

ClientSampleId :

C0AF6

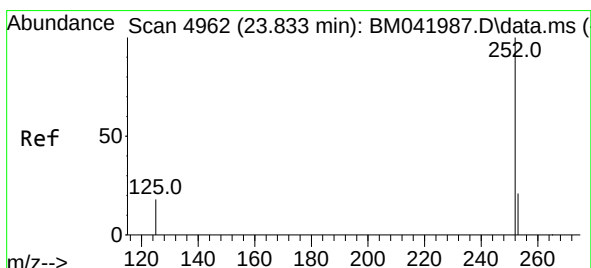
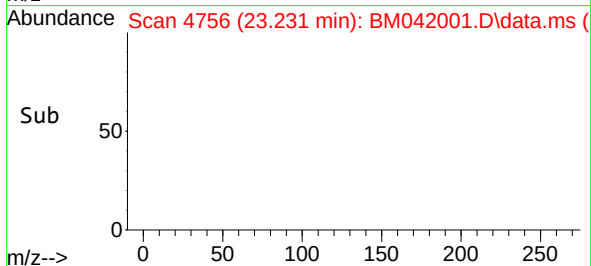
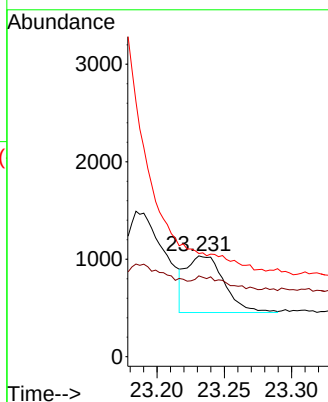
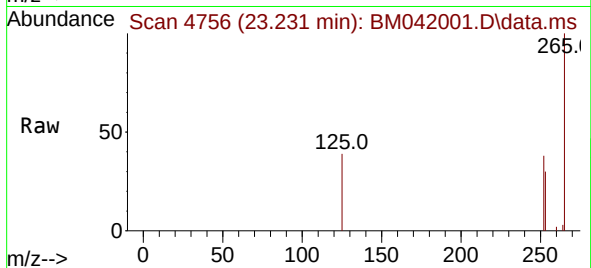
Tgt Ion:252	Resp:	1140
Ion Ratio	Lower	Upper
252	100	
253	80.1	21.0 31.6
125	102.3	19.0 28.6

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#26

Benzo(a)pyrene

Concen: 0.033 ng/ul

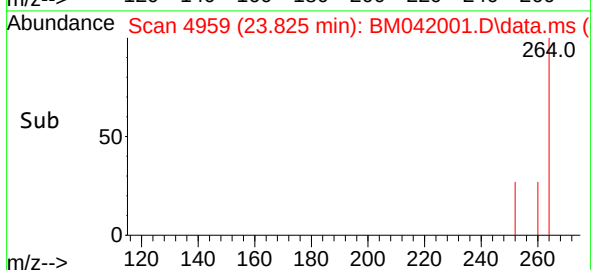
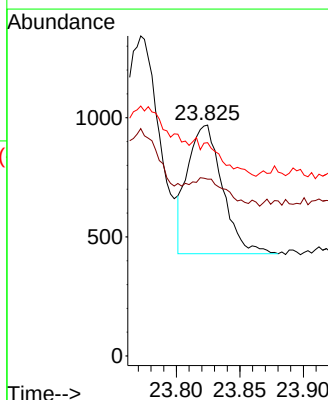
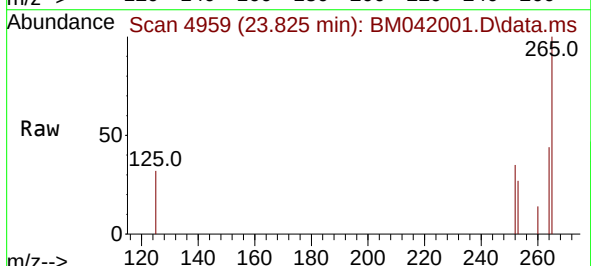
RT: 23.825 min Scan# 4959

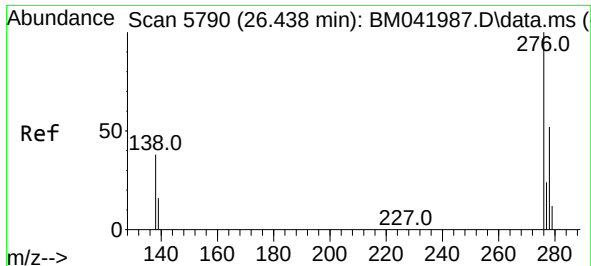
Delta R.T. -0.003 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

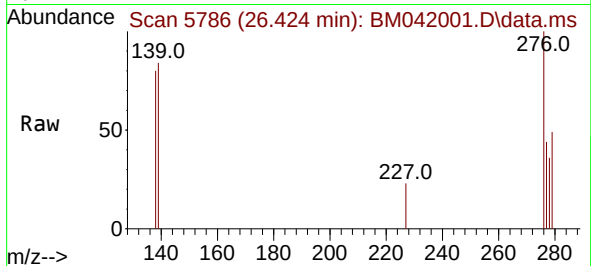
Tgt Ion:252	Resp:	1027
Ion Ratio	Lower	Upper
252	100	
253	76.6	23.2 34.8
125	92.4	22.5 33.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

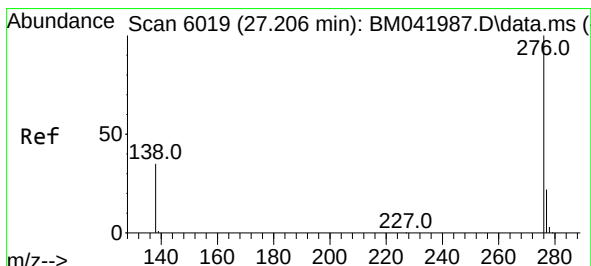
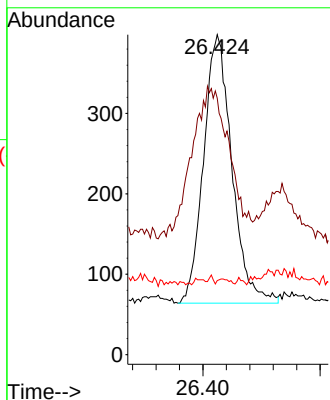
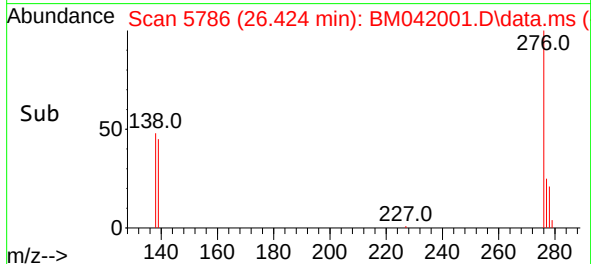
Instrument :
BNA_M
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C0AF6



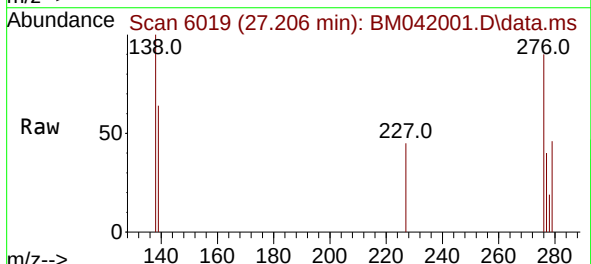
Tgt Ion: 276 Resp: 1120
Ion Ratio Lower Upper
276 100
138 0.0 32.1 48.1#
227 0.7 0.2 0.2#

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#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 27.206 min Scan# 6019
Delta R.T. -0.003 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43



Tgt Ion: 276 Resp: 1043
Ion Ratio Lower Upper
276 100
138 111.3 29.0 43.4#
277 44.2 19.6 29.4#

