

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039842.D
 Acq On : 05 May 2023 12:43
 Operator : CG/JU
 Sample : 02447-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW911DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:20:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	1940	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.601	136	7755	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.441	164	4933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	10775	0.400	ng/ul	-0.02
17) Chrysene-d12	21.393	240	10721	0.400	ng/ul	-0.01
23) Perylene-d12	23.735	264	10964	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1313	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	311	0.031	ng/ul	0.01
18) Fluoranthene-d10	19.229	212	977	0.034	ng/ul	-0.01
Target Compounds						
						Qvalue
10) Acenaphthylene	14.164	152	1124	0.059	ng/ul#	75
11) Acenaphthene	14.502	153	592	0.039	ng/ul	95
12) Fluorene	15.496	166	634	0.038	ng/ul#	94
15) Phenanthrene	17.234	178	15909	0.560	ng/ul	100
16) Anthracene	17.331	178	3597	0.148	ng/ul#	92
19) Fluoranthene	19.257	202	46669	1.220	ng/ul	98
20) Pyrene	19.620	202	45958	1.113	ng/ul	100
21) Benzo(a)anthracene	21.376	228	23098m	0.749	ng/ul	
22) Chrysene	21.429	228	25661m	0.736	ng/ul	
24) Benzo(b)fluoranthene	23.024	252	33751	0.877	ng/ul	99
25) Benzo(k)fluoranthene	23.065	252	11794m	0.301	ng/ul	
26) Benzo(a)pyrene	23.629	252	21822	0.631	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.164	276	15930	0.364	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.164	278	3638	0.107	ng/ul#	69
29) Benzo(g,h,i)perylene	26.915	276	14677	0.385	ng/ul	98

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

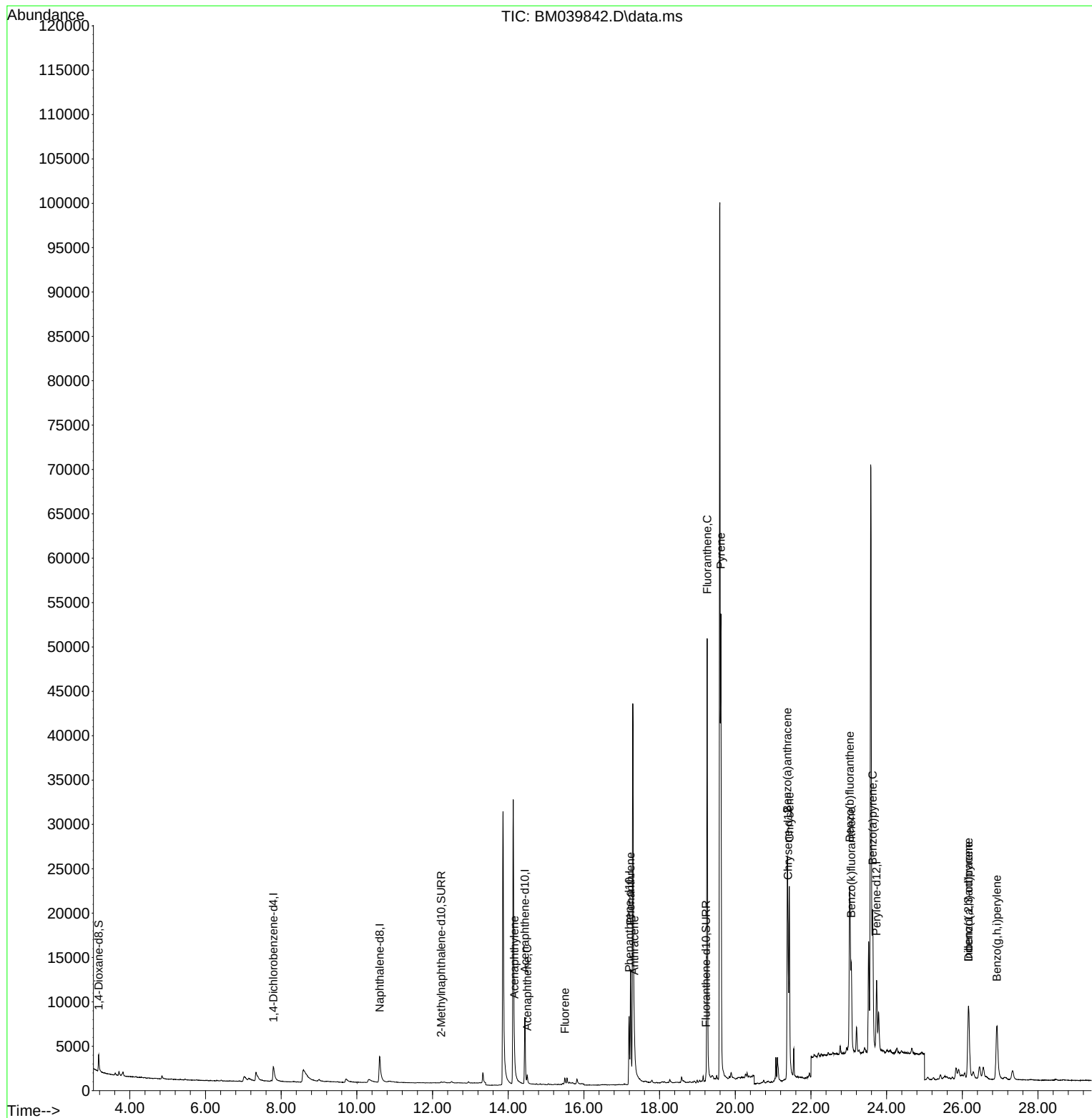
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039842.D
Acq On : 05 May 2023 12:43
Operator : CG/JU
Sample : 02447-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

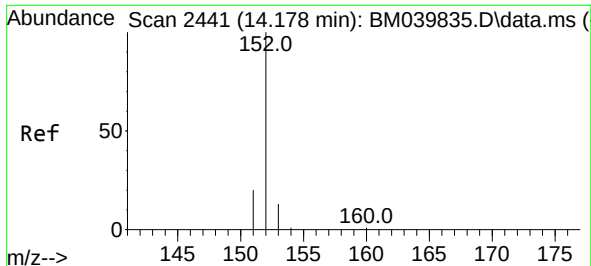
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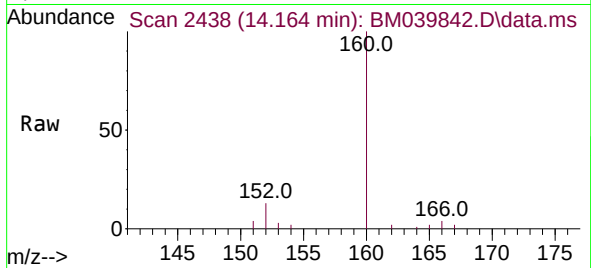
Quant Time: May 06 02:20:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:18:19 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.164 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

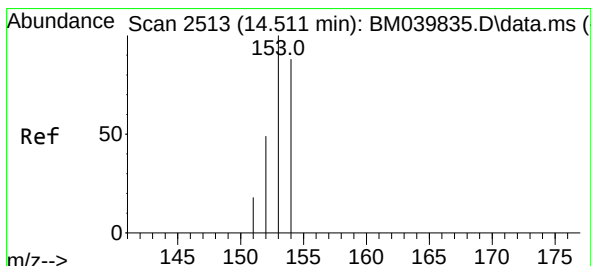
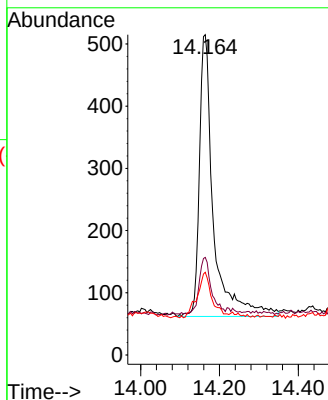
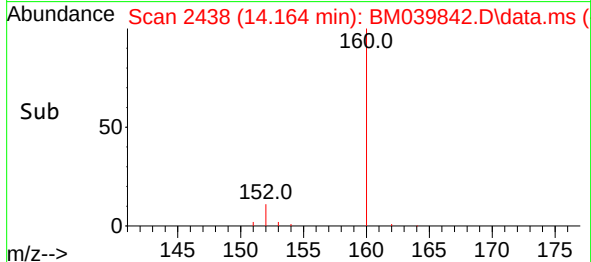
Instrument :
BNA_M
ClientSampleId :
EW911DL



Tgt Ion:152 Resp: 1124
Ion Ratio Lower Upper
152 100
151 30.5 16.0 24.0
153 25.8 11.2 16.8

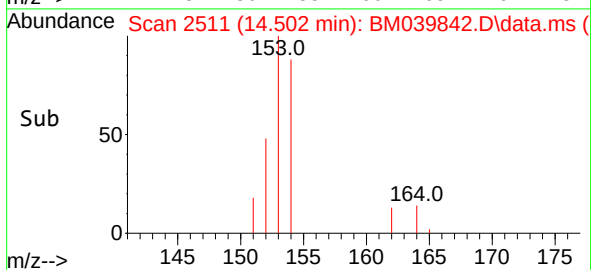
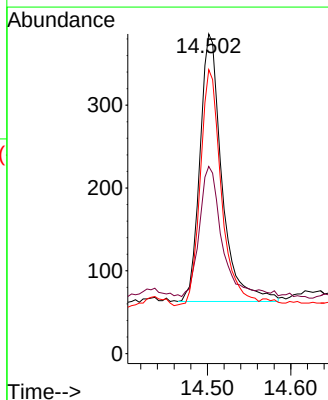
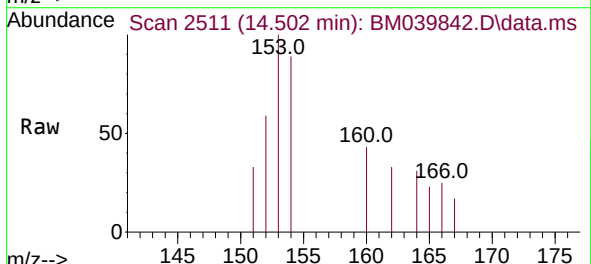
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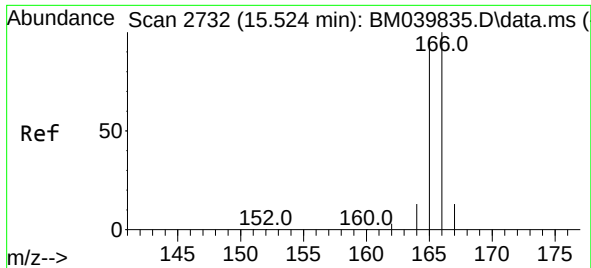
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.502 min Scan# 2511
Delta R.T. -0.009 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

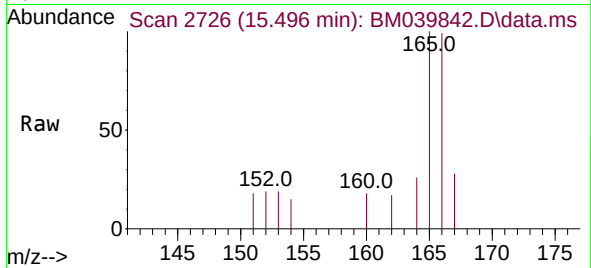
Tgt Ion:153 Resp: 592
Ion Ratio Lower Upper
153 100
152 58.5 40.6 61.0
154 88.9 71.9 107.9





#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.496 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

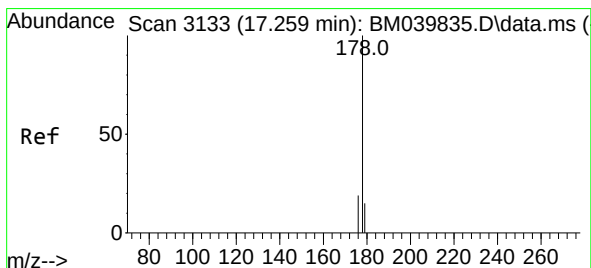
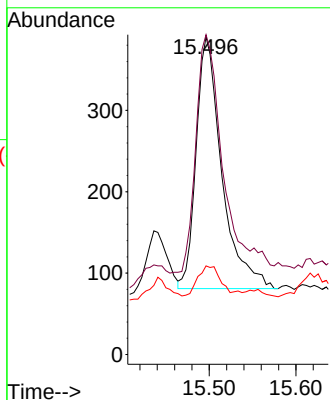
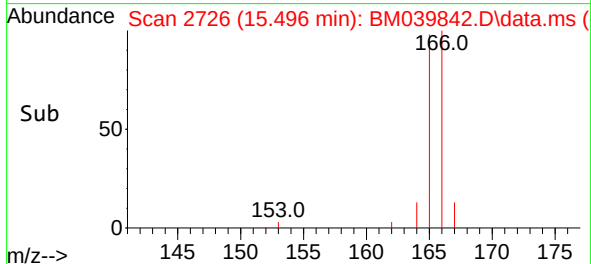
Instrument :
BNA_M
ClientSampleId :
EW911DL



Tgt Ion:166 Resp: 634
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.6
167 27.9 11.8 17.6

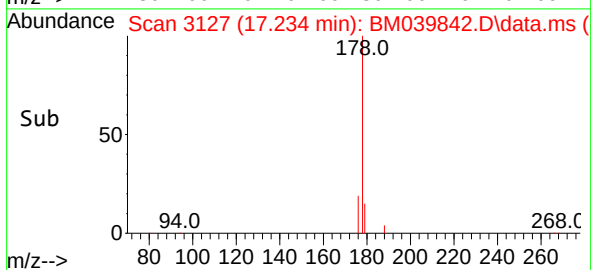
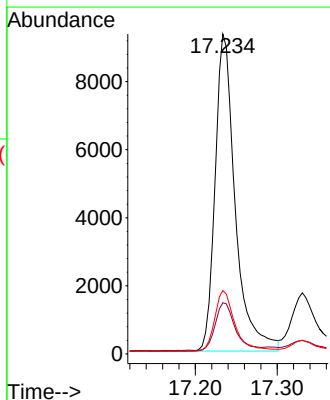
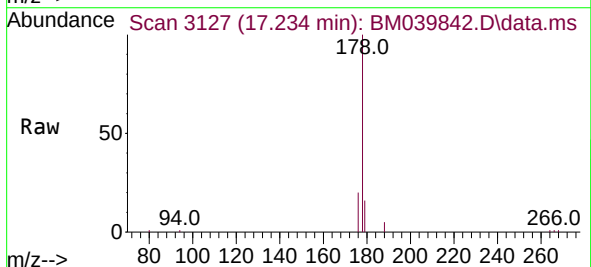
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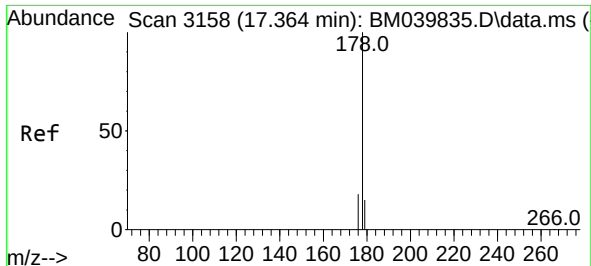
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#15
Phenanthrene
Concen: 0.560 ng/ul
RT: 17.234 min Scan# 3127
Delta R.T. -0.021 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

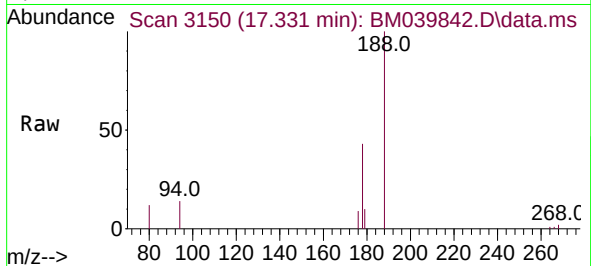
Tgt Ion:178 Resp: 15909
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.8 15.8 23.8





#16
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.331 min Scan# 3158
 Delta R.T. -0.025 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

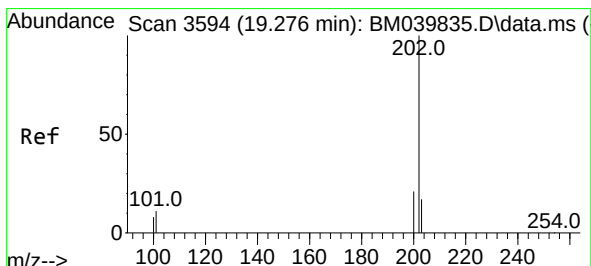
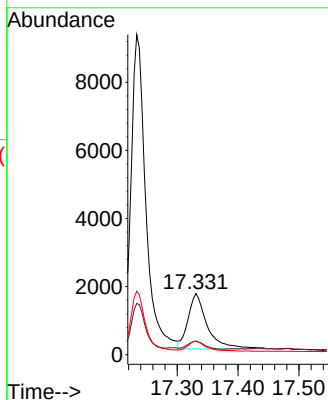
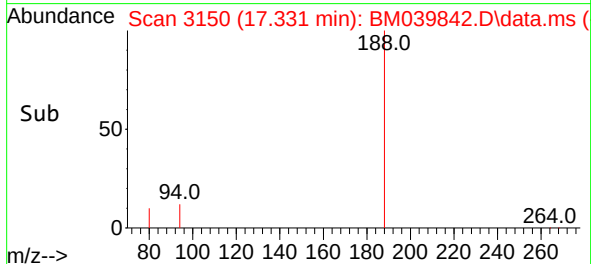
Instrument :
 BNA_M
 ClientSampleId :
 EW911DL



Tgt Ion:178 Resp: 3597
 Ion Ratio Lower Upper
 178 100
 179 22.5 13.8 20.6
 176 21.9 15.8 23.8

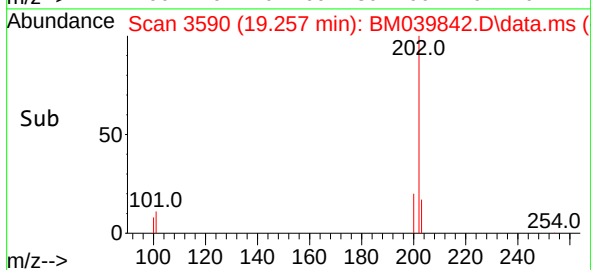
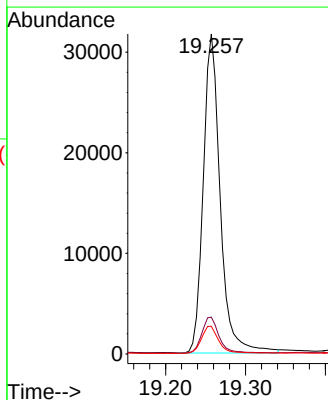
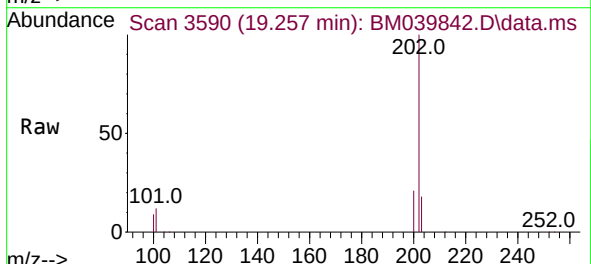
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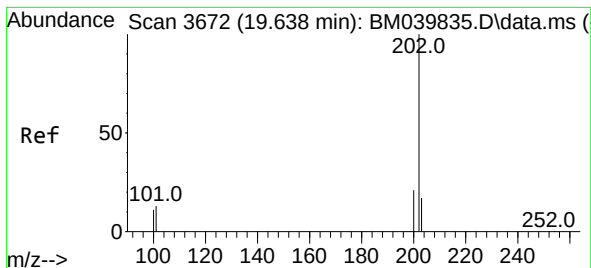
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#19
 Fluoranthene
 Concen: 1.220 ng/ul
 RT: 19.257 min Scan# 3590
 Delta R.T. -0.014 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

Tgt Ion:202 Resp: 46669
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.8
 100 8.6 7.3 10.9





#20

Pyrene

Concen: 1.113 ng/ul

RT: 19.620 min Scan# 30

Delta R.T. -0.014 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

Instrument :

BNA_M

ClientSampleId :

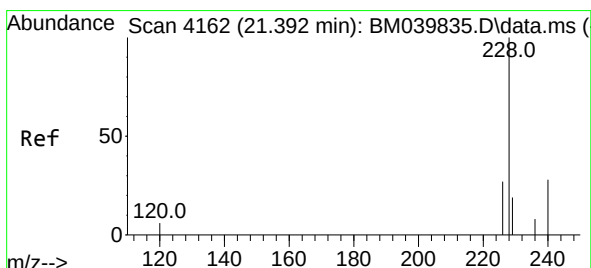
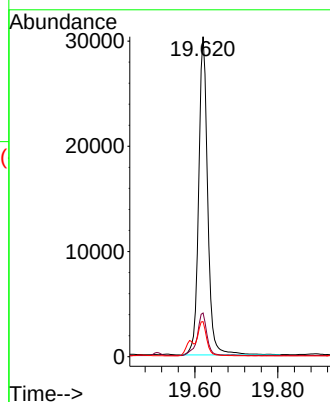
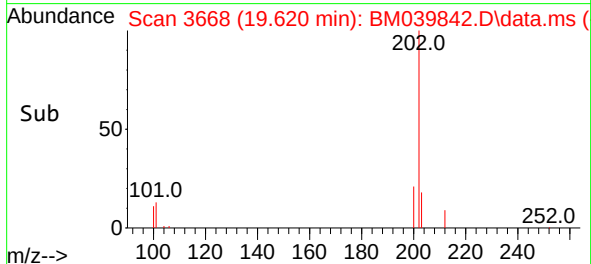
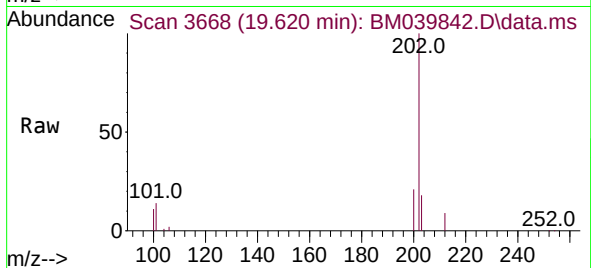
EW911DL

Tgt Ion:	202	Resp:	45958
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.9	16.3
100	11.0	8.9	13.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/08/2023



#21

Benzo(a)anthracene

Concen: 0.749 ng/ul m

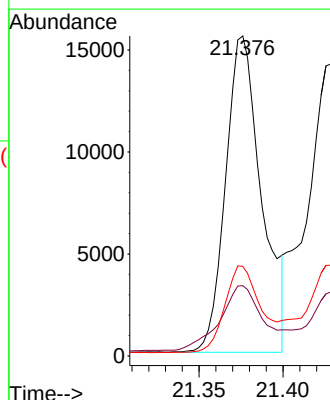
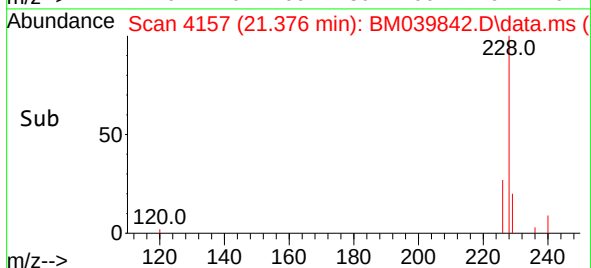
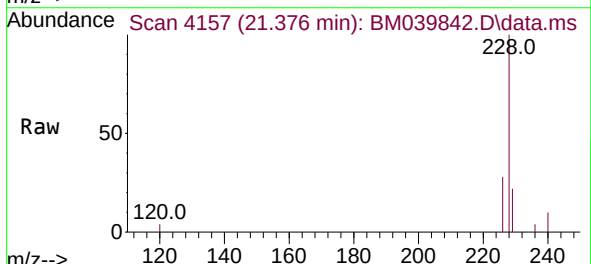
RT: 21.376 min Scan# 4157

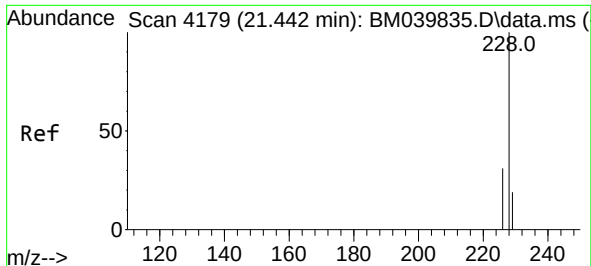
Delta R.T. -0.015 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

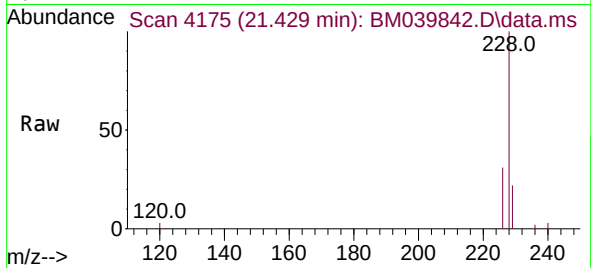
Tgt Ion:	228	Resp:	23098
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.2	24.2
226	28.0	21.6	32.4





#22
Chrysene
Concen: 0.736 ng/ul m
RT: 21.429 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

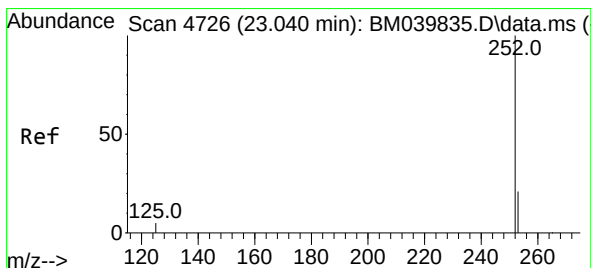
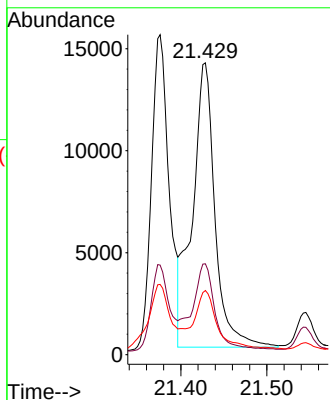
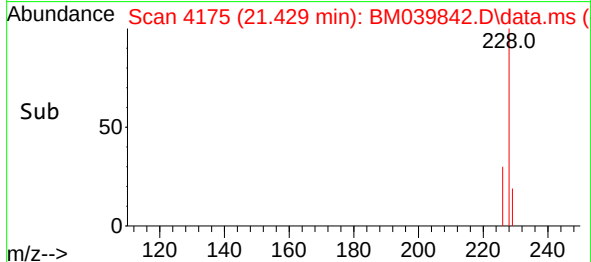
Instrument :
BNA_M
ClientSampleId :
EW911DL



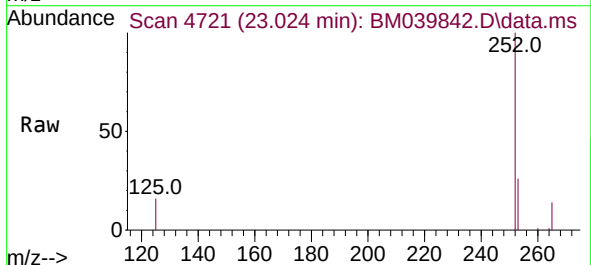
Tgt Ion:228 Resp: 2566
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.0 15.9 23.9

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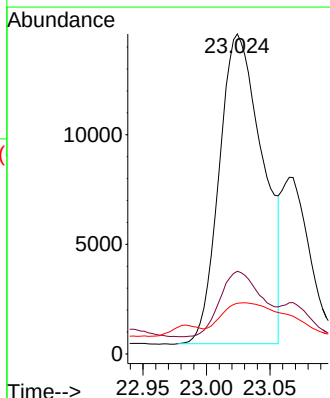
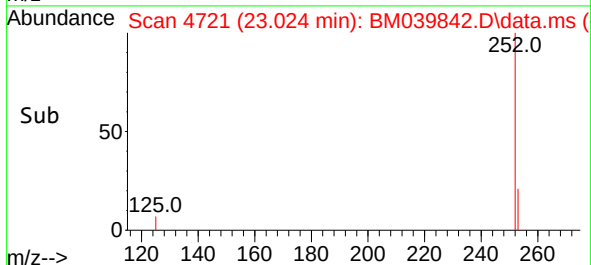
Reviewed By :Christian Giraldo 05/08/2023
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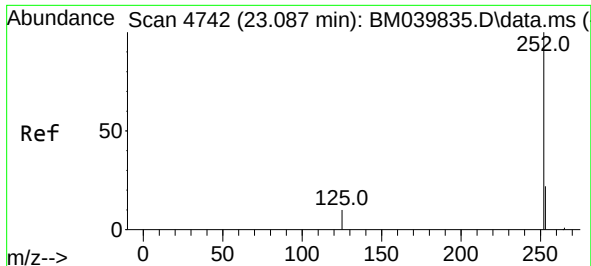


#24
Benzo(b)fluoranthene
Concen: 0.877 ng/ul
RT: 23.024 min Scan# 4721
Delta R.T. -0.012 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43



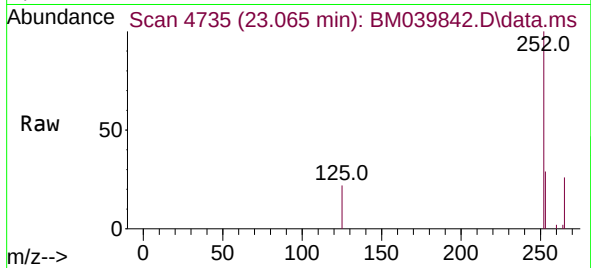
Tgt Ion:252 Resp: 33751
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 15.8 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul m
RT: 23.065 min Scan# 41
Delta R.T. -0.020 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

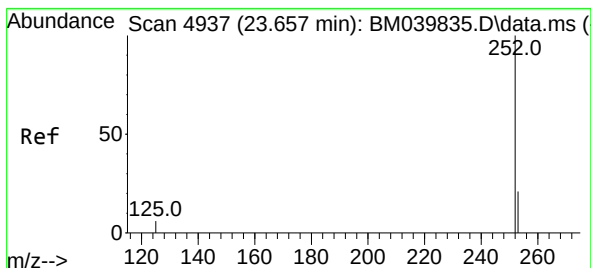
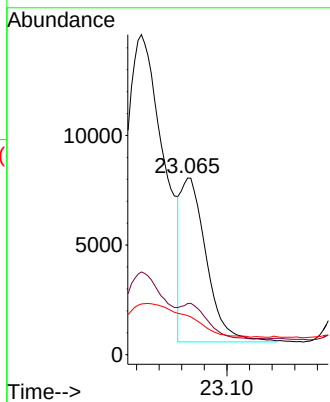
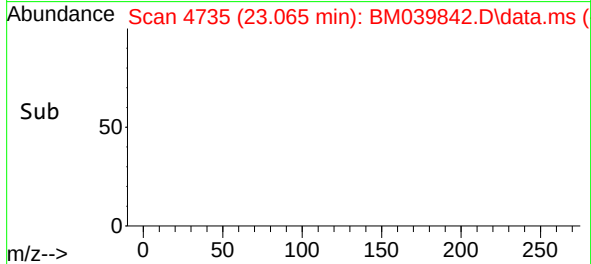
Instrument :
BNA_M
ClientSampleId :
EW911DL



Tgt Ion:252 Resp: 11794
Ion Ratio Lower Upper
252 100
253 29.0 21.3 31.9
125 22.1 13.0 19.6

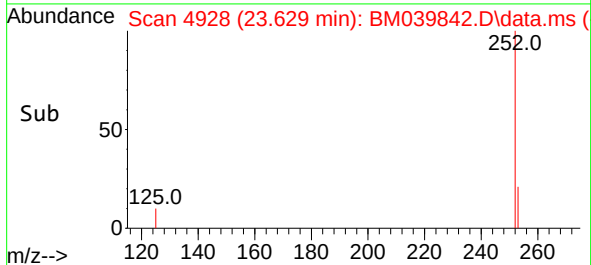
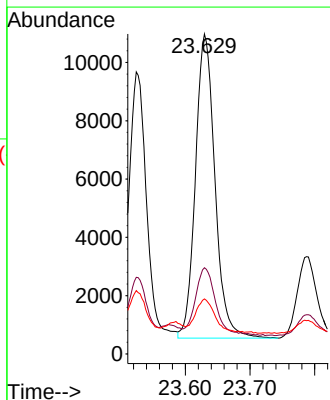
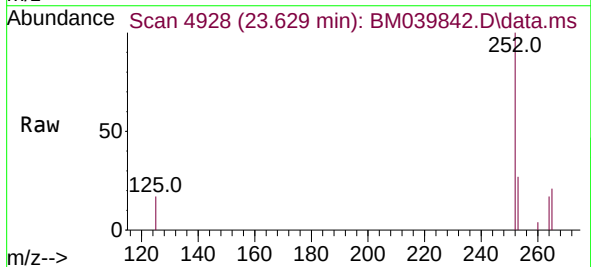
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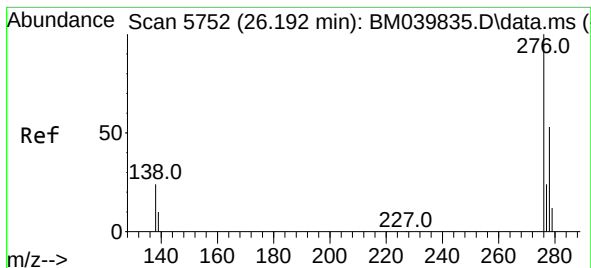
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#26
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.629 min Scan# 4928
Delta R.T. -0.020 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

Tgt Ion:252 Resp: 21822
Ion Ratio Lower Upper
252 100
253 27.0 24.7 37.1
125 17.2 16.5 24.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.364 ng/ul

RT: 26.164 min Scan# 5744

Delta R.T. -0.023 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

Instrument :

BNA_M

ClientSampleId :

EW911DL

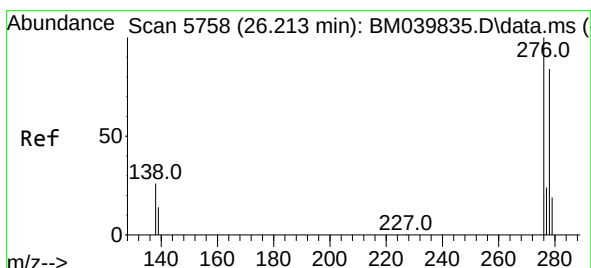
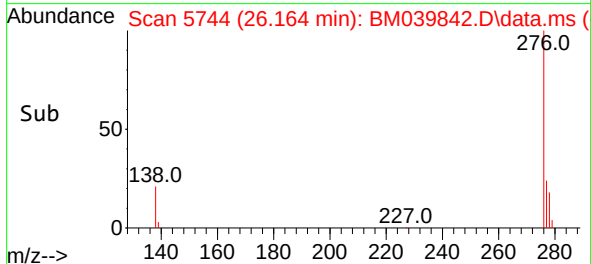
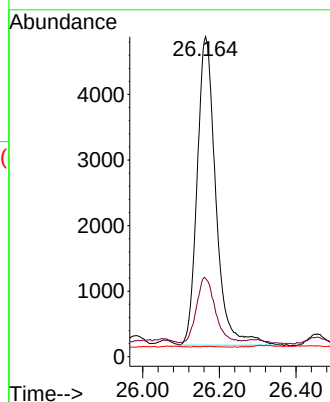
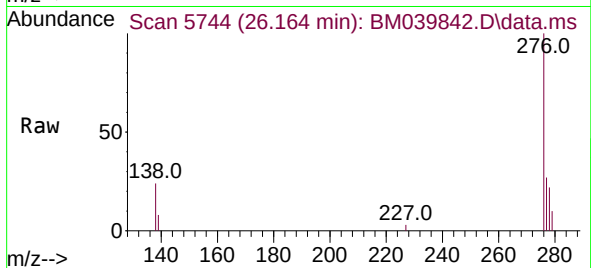
Tgt Ion:	276	Resp:	15930
Ion Ratio	Lower	Upper	
276	100		
138	21.5	21.1	31.7
227	0.0	0.1	0.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/08/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.107 ng/ul

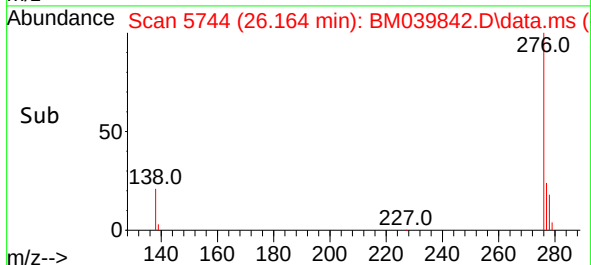
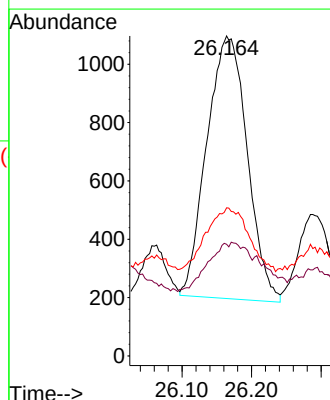
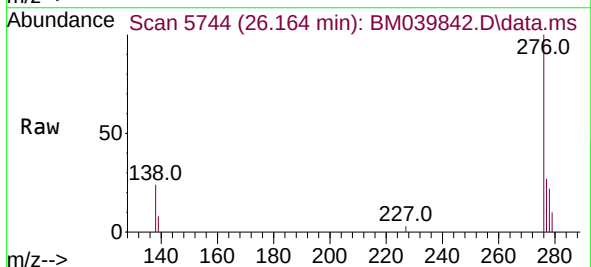
RT: 26.164 min Scan# 5744

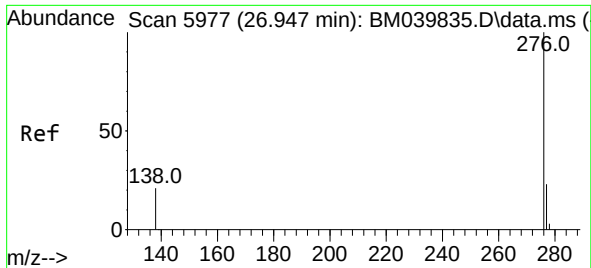
Delta R.T. -0.033 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

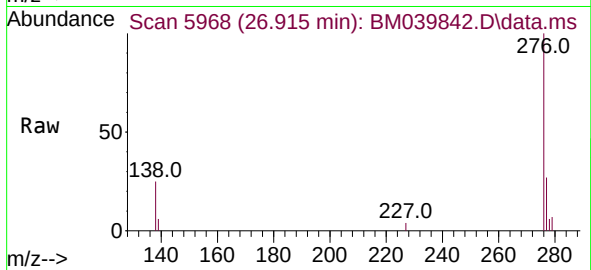
Tgt Ion:	278	Resp:	3638
Ion Ratio	Lower	Upper	
278	100		
139	34.9	17.0	25.6#
279	46.3	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.915 min Scan# 5977
Delta R.T. -0.017 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

Instrument :
BNA_M
ClientSampleId :
EW911DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.1	30.1
277	26.6	20.1	30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

