

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037651.D
 Acq On : 22 Nov 2022 20:44
 Operator : CG/JU
 Sample : N5577-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9838

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:53:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7142	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	21974	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.746	164	13711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	28568	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	21707	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	24277	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	53084	6.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	11710	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.488	212	28245	0.394	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.996	128	1447	0.022	ng/ul#	80
15) Phenanthrene	17.520	178	7730	0.079	ng/ul	96
16) Anthracene	17.613	178	2461	0.026	ng/ul#	83
19) Fluoranthene	19.521	202	14031	0.134	ng/ul#	93
20) Pyrene	19.883	202	10841	0.100	ng/ul#	91
21) Benzo(a)anthracene	21.619	228	4601	0.047	ng/ul	92
22) Chrysene	21.674	228	4973	0.052	ng/ul#	94
24) Benzo(b)fluoranthene	23.358	252	7053	0.064	ng/ul#	4
25) Benzo(k)fluoranthene	23.405	252	2750m	0.025	ng/ul	
26) Benzo(a)pyrene	24.013	252	4103	0.043	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.728	276	3714	0.029	ng/ul#	49
29) Benzo(g,h,i)perylene	27.529	276	2816	0.026	ng/ul#	42

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

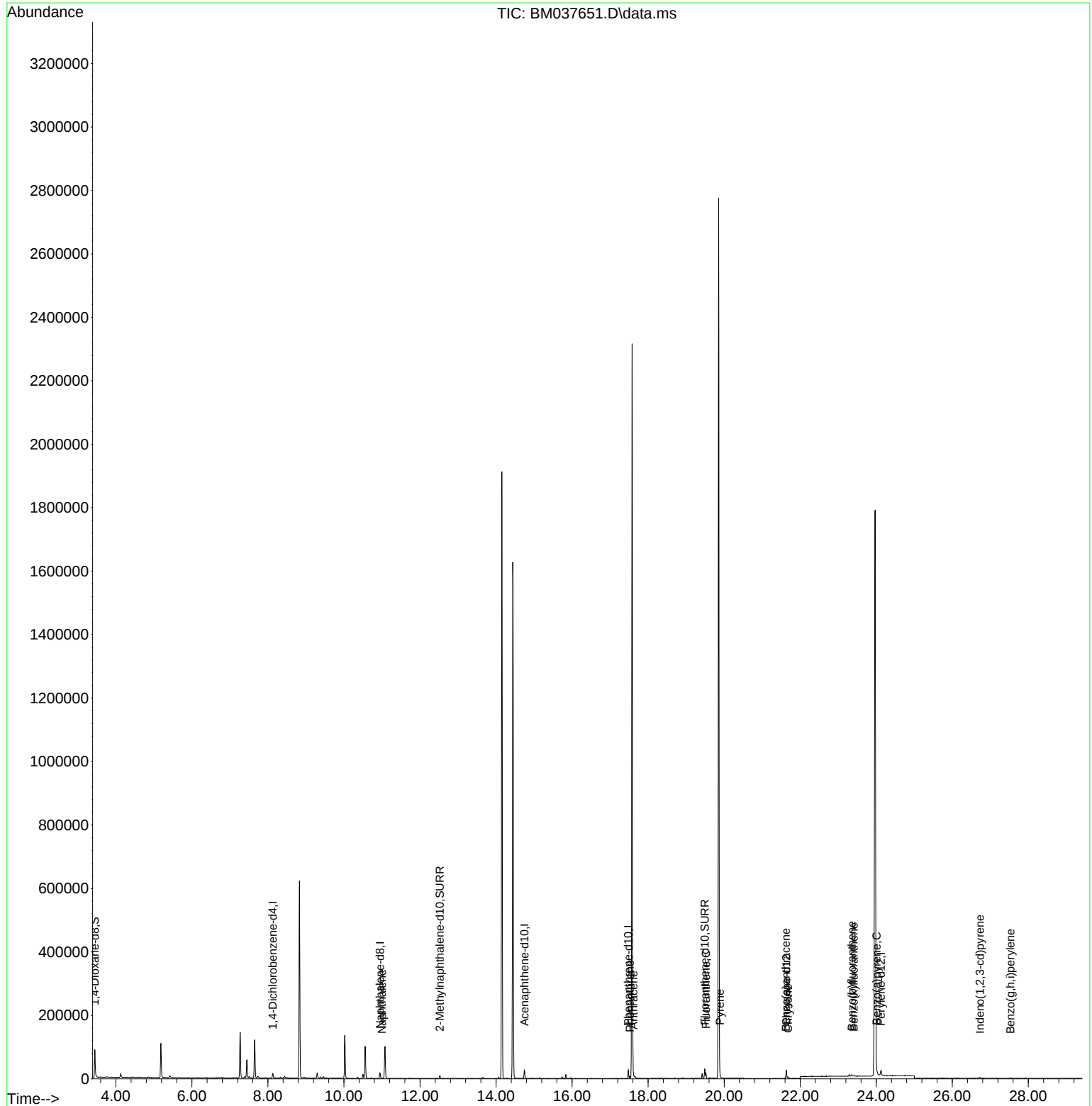
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037651.D
Acq On : 22 Nov 2022 20:44
Operator : CG/JU
Sample : N5577-14
Misc :
ALS Vial : 51 Sample Multiplier: 1

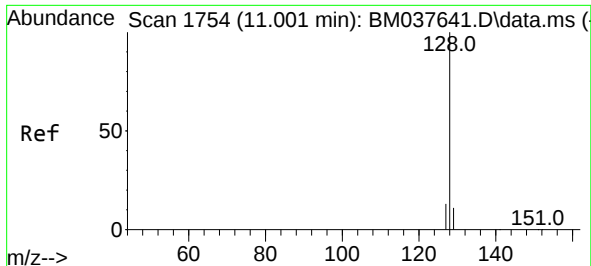
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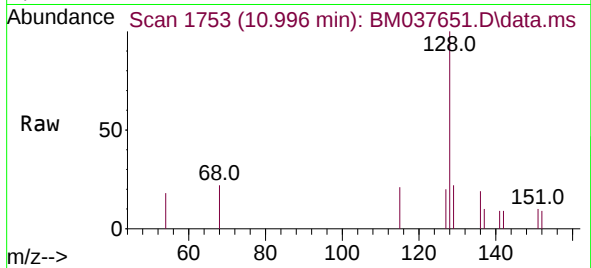
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.996 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

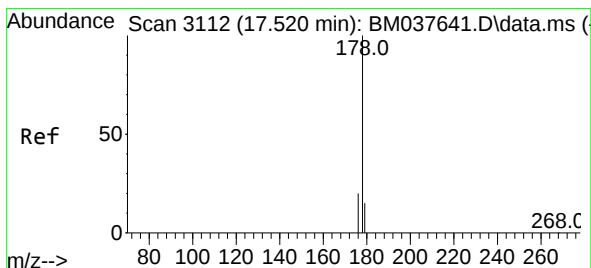
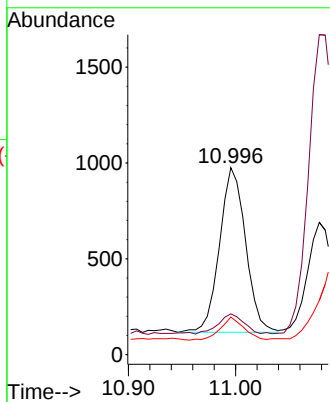
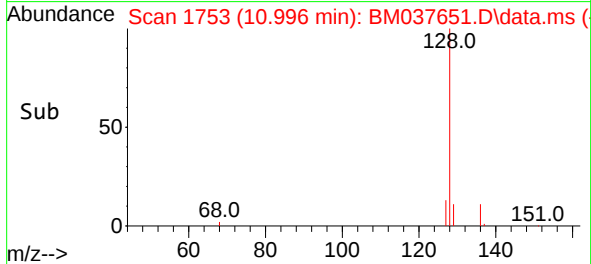
Instrument :
BNA_M
ClientSampleId :
C9838



Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
129 21.8 9.8 14.8
127 20.1 11.0 16.4

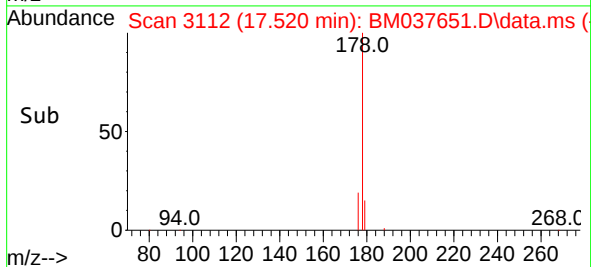
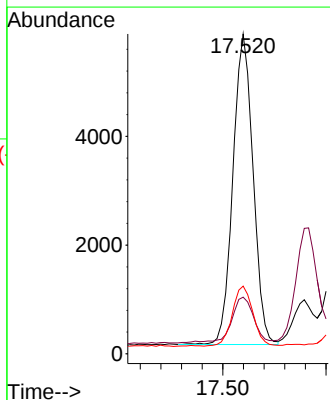
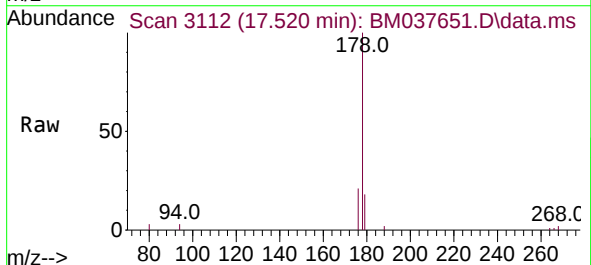
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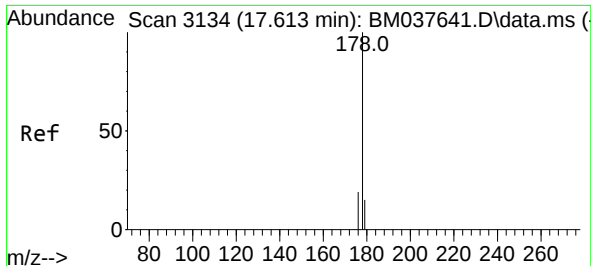
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.520 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

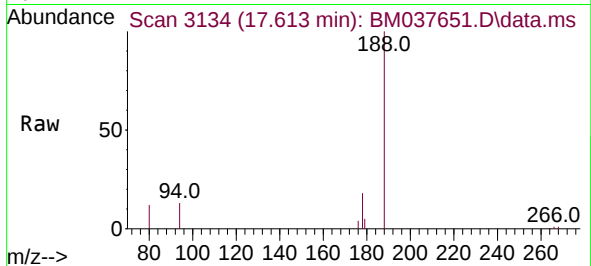
Tgt Ion:178 Resp: 7730
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 21.2 16.0 24.0





#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.613 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: BM037651.D
 Acq: 22 Nov 2022 20:44

Instrument :
 BNA_M
 ClientSampleId :
 C9838

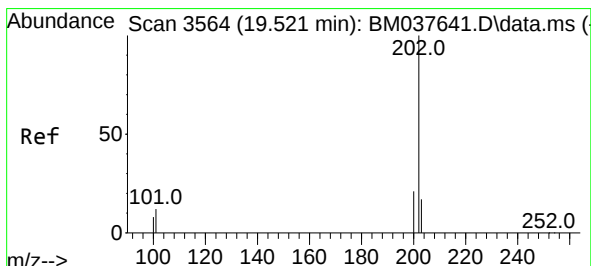
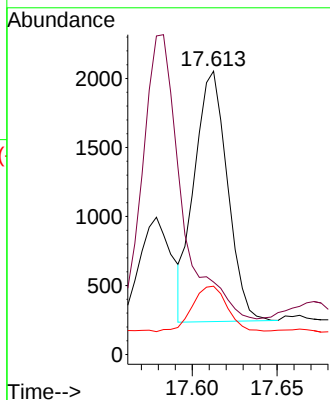
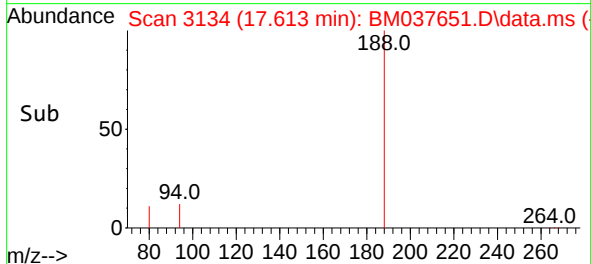


Tgt Ion:178 Resp: 2463

Ion	Ratio	Lower	Upper
178	100		
179	25.6	12.8	19.2
176	24.1	15.0	22.6

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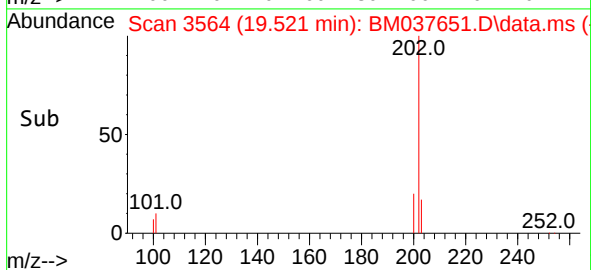
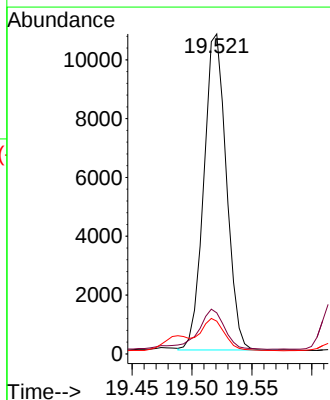
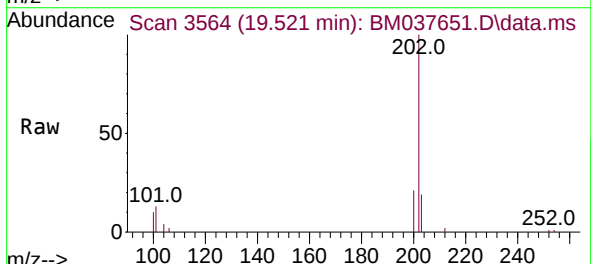
Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

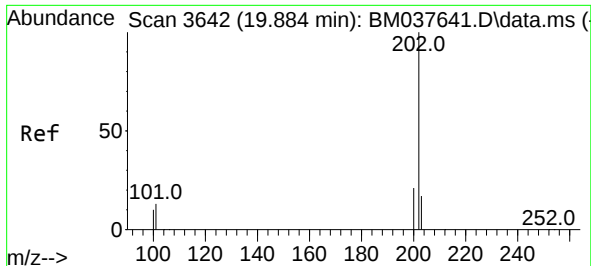


#19
 Fluoranthene
 Concen: 0.134 ng/ul
 RT: 19.521 min Scan# 3564
 Delta R.T. -0.000 min
 Lab File: BM037651.D
 Acq: 22 Nov 2022 20:44

Tgt Ion:202 Resp: 14031

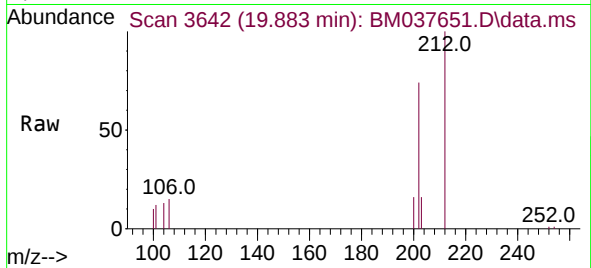
Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.2	12.2
100	10.2	6.1	9.1





#20
Pyrene
Concen: 0.100 ng/ul
RT: 19.883 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

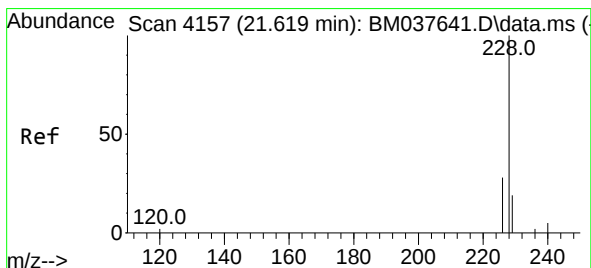
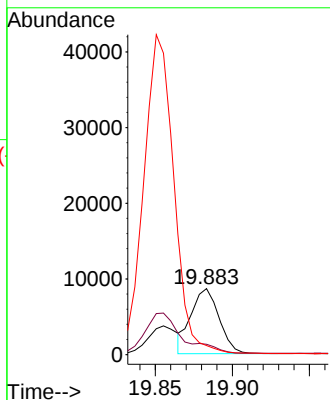
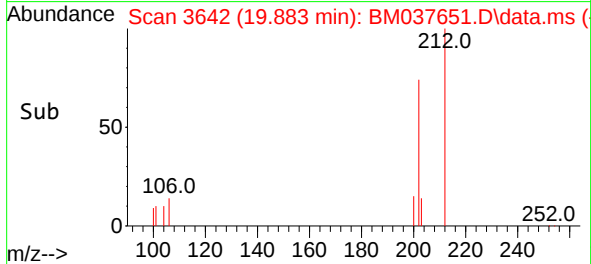
Instrument :
BNA_M
ClientSampleId :
C9838



Tgt Ion:202 Resp: 1084
Ion Ratio Lower Upper
202 100
101 15.6 10.1 15.1
100 13.6 8.0 12.0

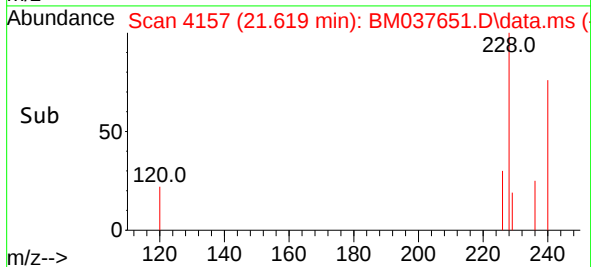
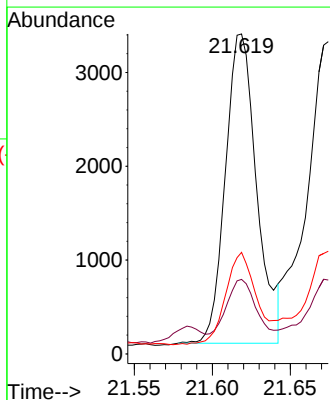
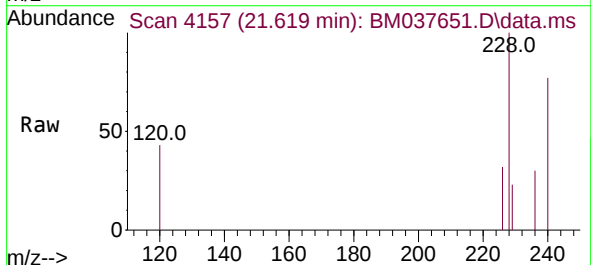
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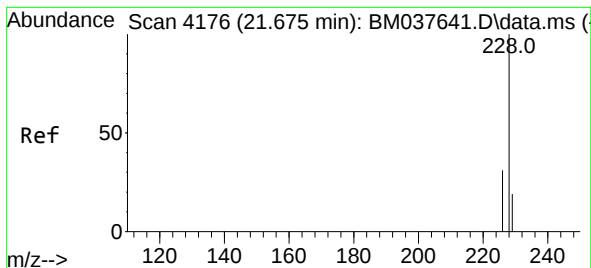
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#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

Tgt Ion:228 Resp: 4601
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 31.7 22.2 33.2





#22

Chrysene

Concen: 0.052 ng/ul

RT: 21.674 min Scan# 4176

Delta R.T. -0.000 min

Lab File: BM037651.D

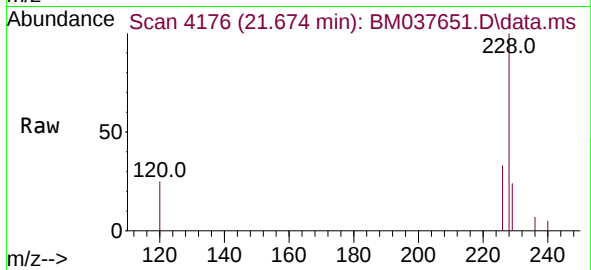
Acq: 22 Nov 2022 20:44

Instrument :

BNA_M

ClientSampleId :

C9838

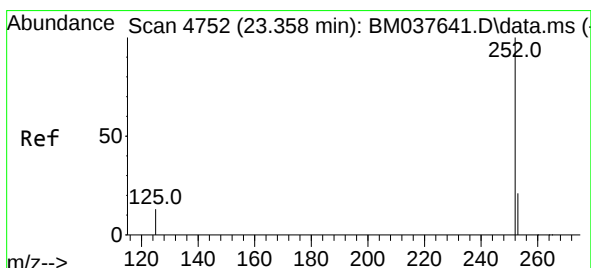
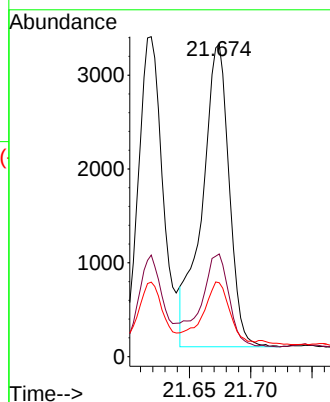
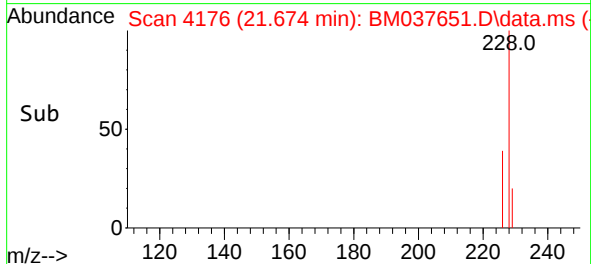


Tgt Ion:	228	Resp:	4973
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.6	37.0
229	23.6	15.5	23.3

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.064 ng/ul

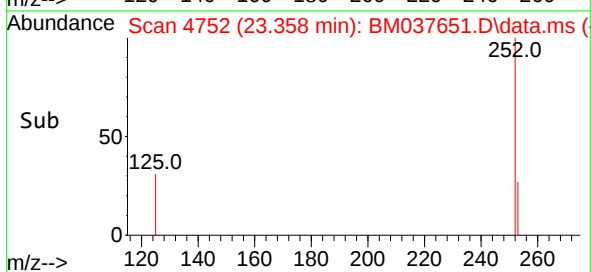
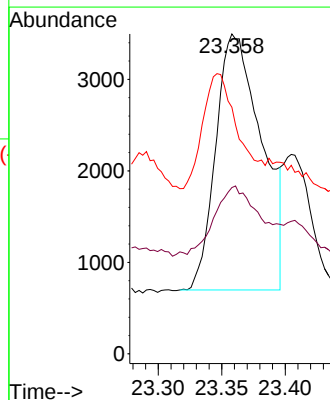
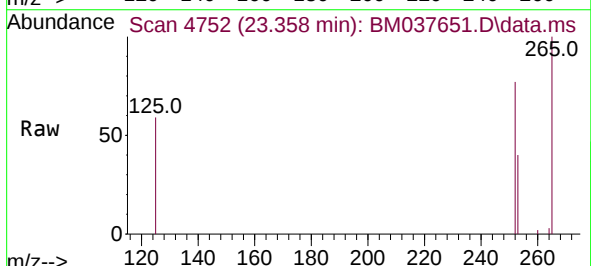
RT: 23.358 min Scan# 4752

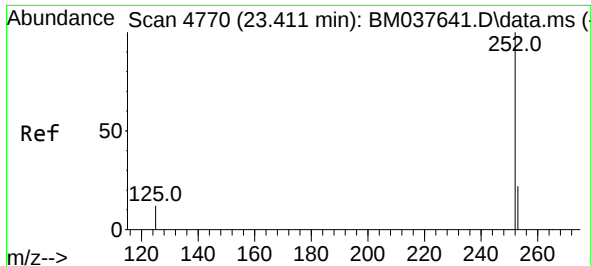
Delta R.T. -0.003 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Tgt Ion:	252	Resp:	7053
Ion Ratio	Lower	Upper	
252	100		
253	52.0	0.0	46.2#
125	77.1	0.0	23.4#





#25

Benzo(k)fluoranthene

Concen: 0.025 ng/ul m

RT: 23.405 min Scan# 4770

Delta R.T. -0.006 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Instrument :

BNA_M

ClientSampleId :

C9838

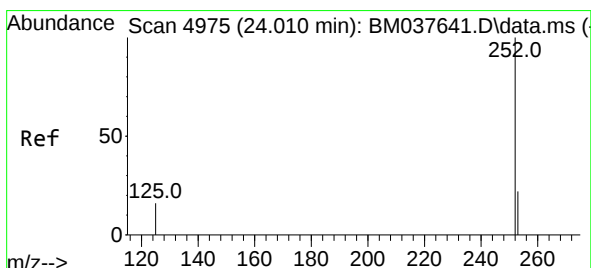
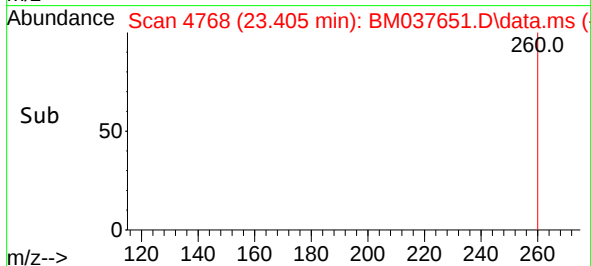
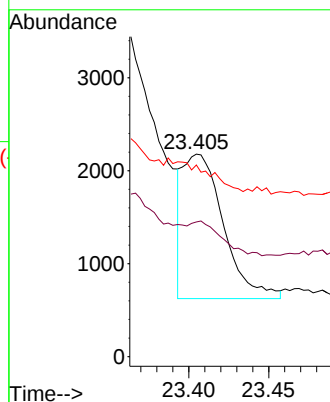
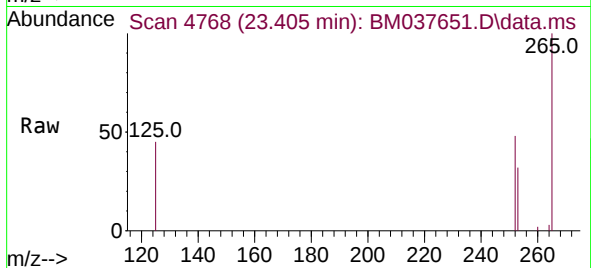
Tgt Ion:252 Resp: 2750

Ion	Ratio	Lower	Upper
252	100		
253	66.5	18.8	28.2
125	94.6	9.8	14.6

Manual Integrations

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#26

Benzo(a)pyrene

Concen: 0.043 ng/ul

RT: 24.013 min Scan# 4976

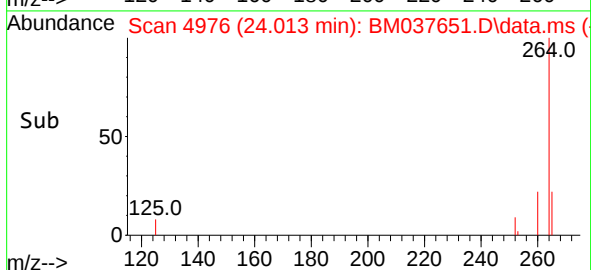
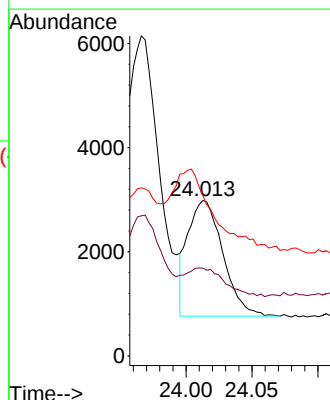
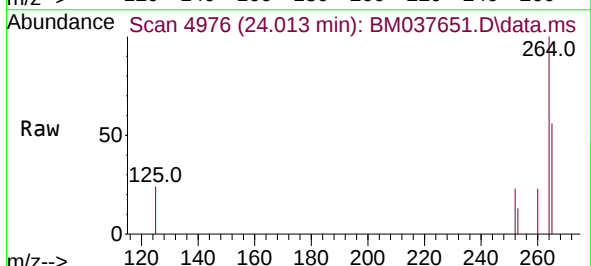
Delta R.T. -0.000 min

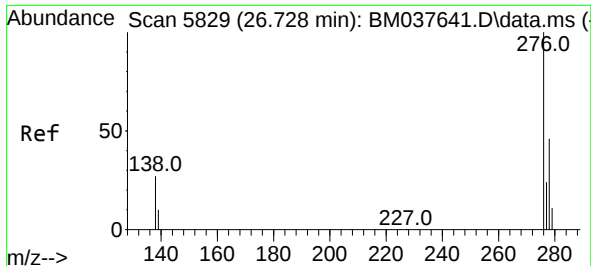
Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Tgt Ion:252 Resp: 4103

Ion	Ratio	Lower	Upper
252	100		
253	56.4	18.8	28.2
125	103.0	10.5	15.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 26.728 min Scan# 5829

Delta R.T. -0.000 min

Lab File: BM037651.D

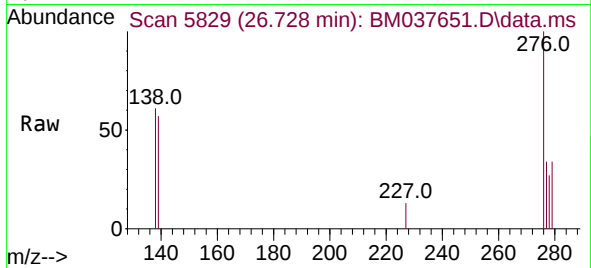
Acq: 22 Nov 2022 20:44

Instrument :

BNA_M

ClientSampleId :

C9838



Tgt Ion:276 Resp: 3714

Ion Ratio Lower Upper

276 100

138 0.0 21.2 31.8#

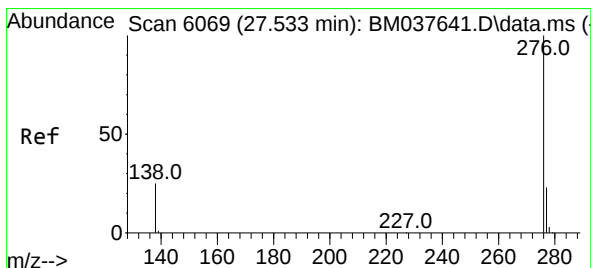
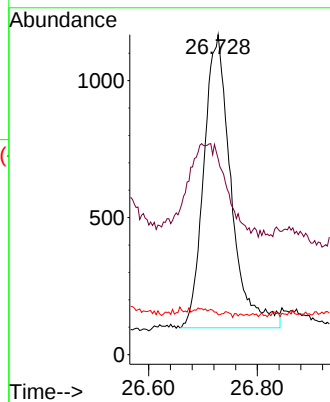
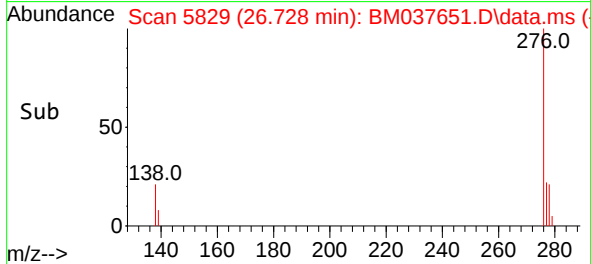
227 0.5 0.1 0.1#

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#29

Benzo(g,h,i)perylene

Concen: 0.026 ng/ul

RT: 27.529 min Scan# 6068

Delta R.T. -0.004 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Tgt Ion:276 Resp: 2816

Ion Ratio Lower Upper

276 100

138 69.2 19.0 28.4#

277 36.8 19.4 29.2#

