

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048361.D
 Acq On : 31 Oct 2024 17:11
 Operator : RC/JU
 Sample : P4530-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H28

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 18:02:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5006	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136	16087	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.354	164	8718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.095	188	18048m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.286	240	16109m	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264	13720m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	29394	4.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	7009	0.342	ng/ul	-0.03
18) Fluoranthene-d10	19.128	212	16807	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.190	142	1393	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.405	142	799	0.030	ng/ul	92
19) Fluoranthene	19.155	202	3777	0.068	ng/ul#	81
20) Pyrene	19.513	202	6580	0.110	ng/ul#	86
21) Benzo(a)anthracene	21.274	228	4659	0.097	ng/ul#	91
22) Chrysene	21.321	228	3761	0.057	ng/ul	93
24) Benzo(b)fluoranthene	22.843	252	9586m	0.204	ng/ul	
25) Benzo(k)fluoranthene	22.881	252	4778m	0.086	ng/ul	
26) Benzo(a)pyrene	23.411	252	4375	0.099	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.822	276	3842	0.062	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.822	278	1041	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	26.513	276	3584	0.069	ng/ul#	78

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

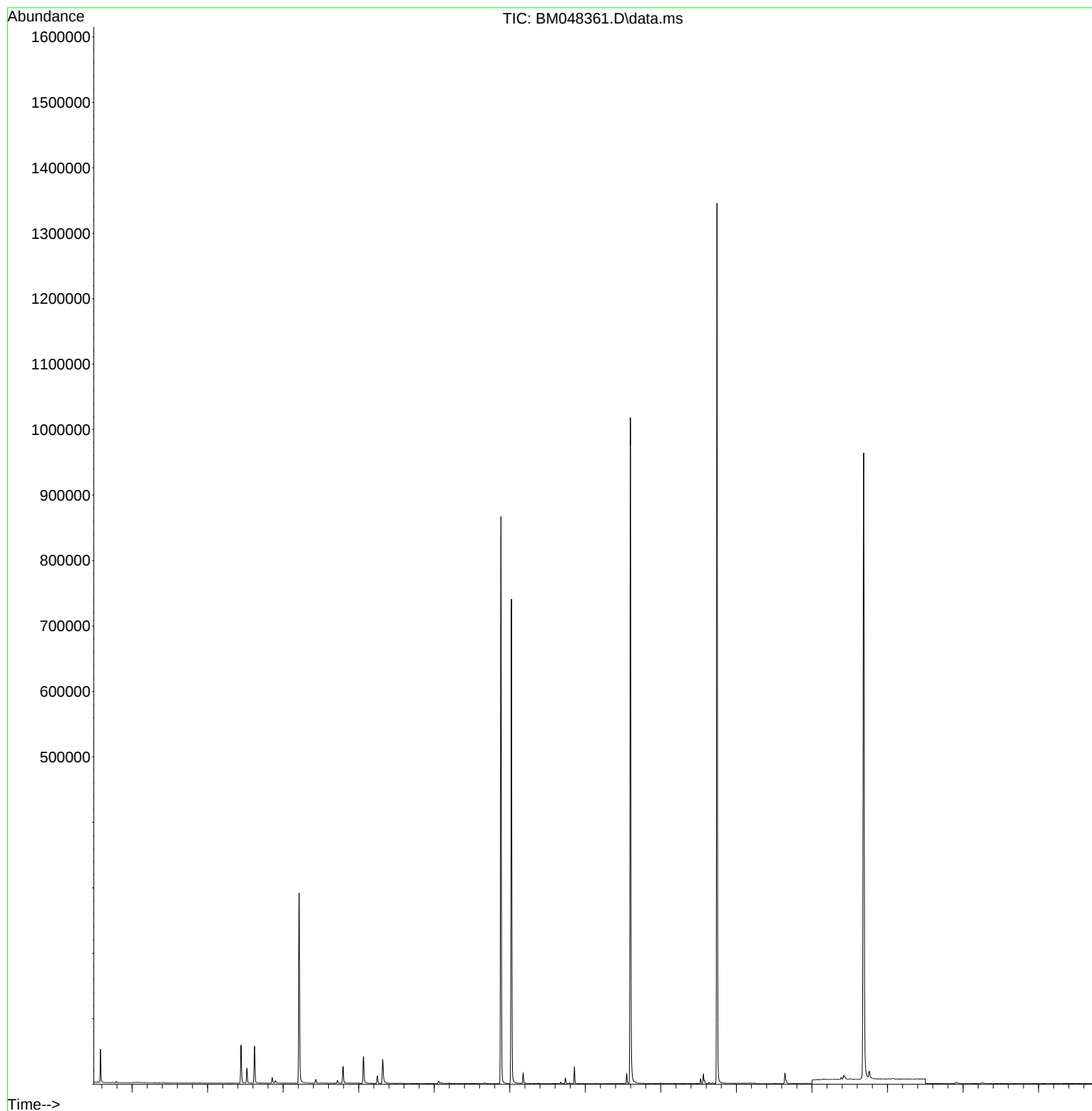
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048361.D
Acq On : 31 Oct 2024 17:11
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ALS Vial : 12 Sample Multiplier: 1

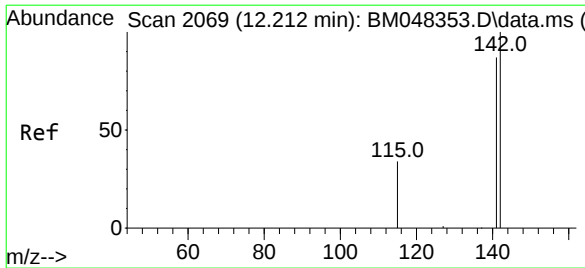
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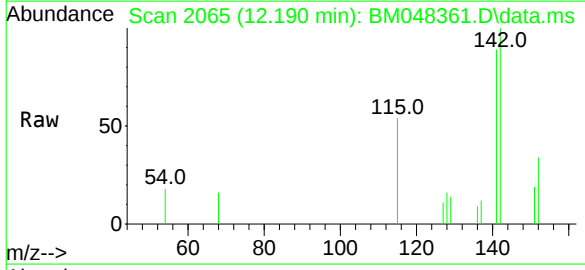
Quant Time: Oct 31 18:02:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.056 ng/u1
RT: 12.190 min Scan# 2069
Delta R.T. -0.022 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11

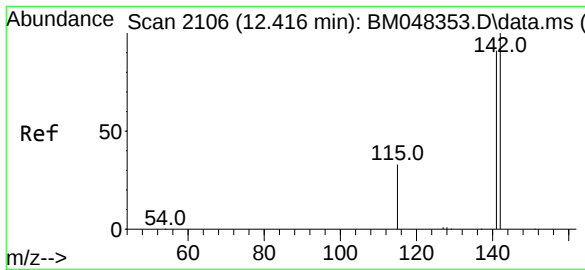
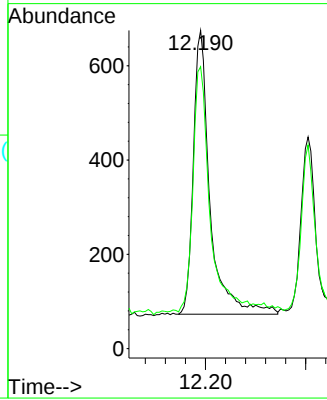
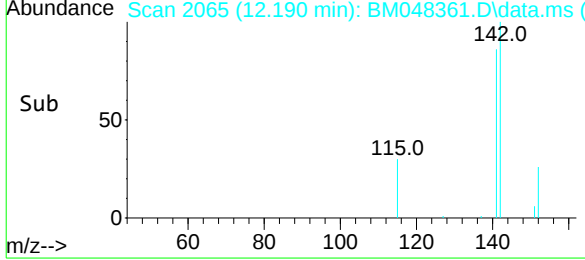
Instrument :
BNA_M
ClientSampleId :
F7H28



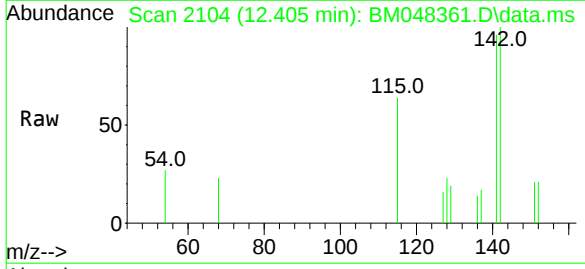
Tgt Ion:142 Resp: 1393
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2

Manual Integrations
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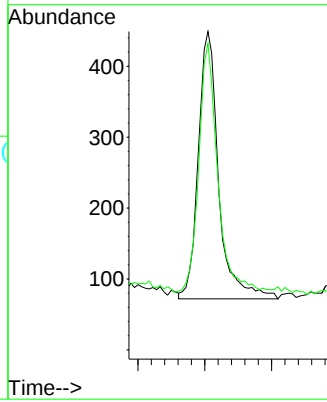
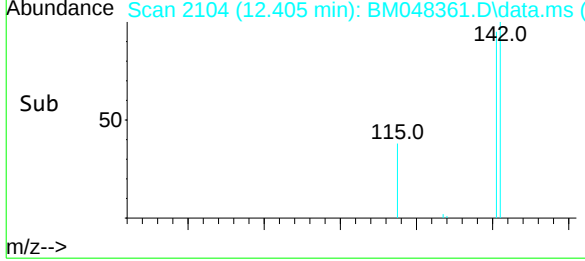
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

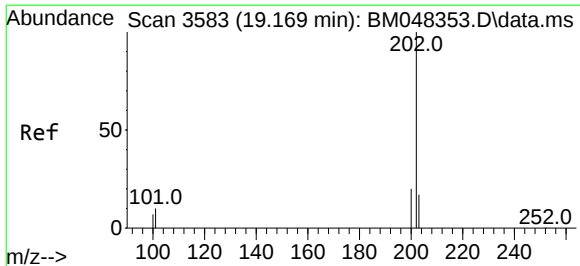


#8
1-Methylnaphthalene
Concen: 0.030 ng/u1
RT: 12.405 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11



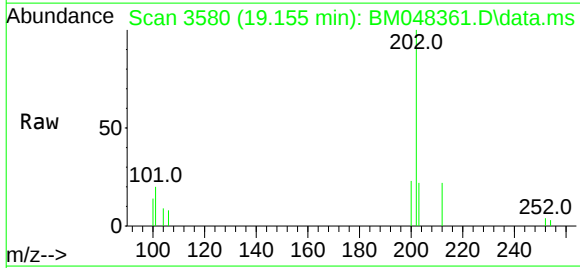
Tgt Ion:142 Resp: 799
Ion Ratio Lower Upper
142 100
141 86.7 75.5 113.3





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.155 min Scan# 3580
Delta R.T. -0.014 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11

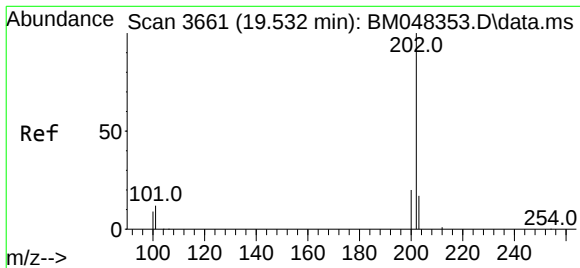
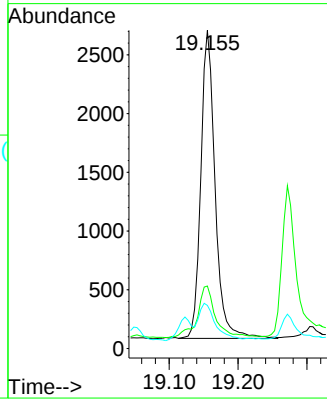
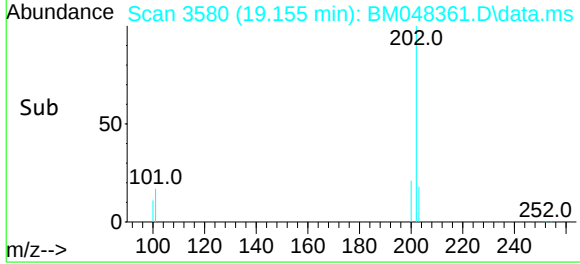
Instrument : BNA_M
ClientSampleId : F7H28



Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.6	9.0	13.4
100	13.6	6.6	10.0

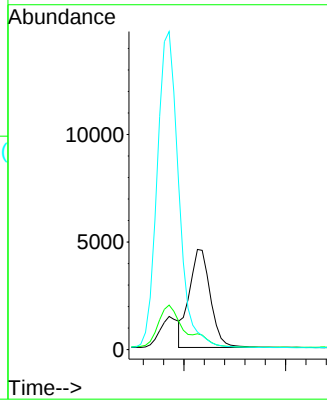
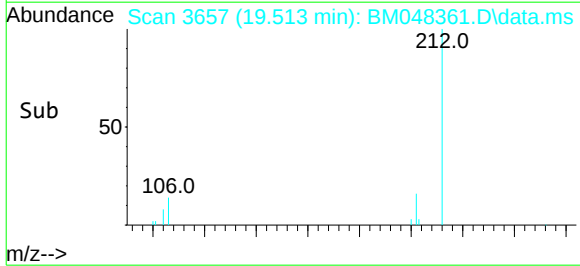
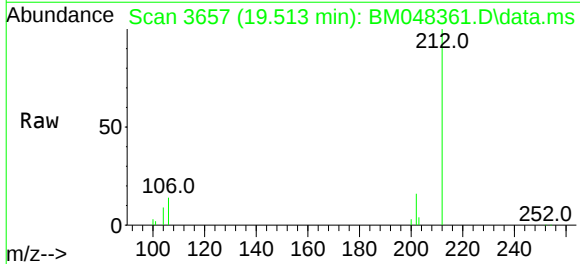
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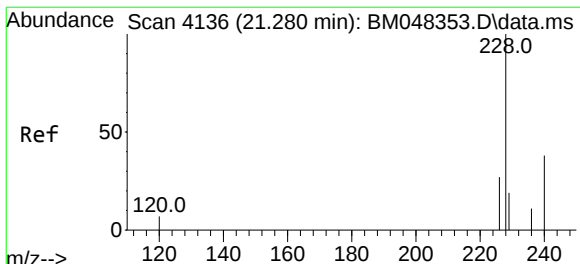
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
Pyrene
Concen: 0.110 ng/u1
RT: 19.513 min Scan# 3657
Delta R.T. -0.019 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11

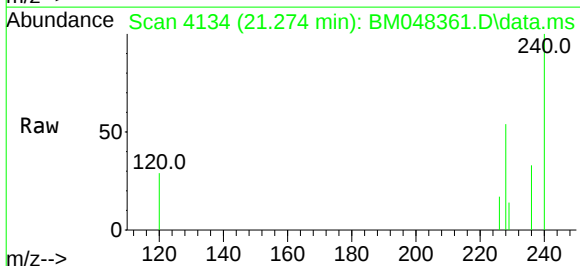
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	10.0	15.0
100	17.6	8.0	12.0





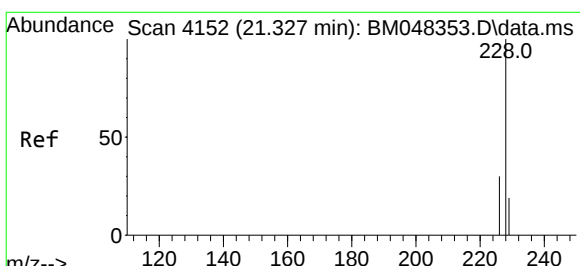
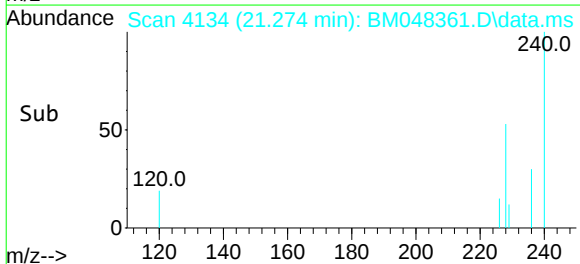
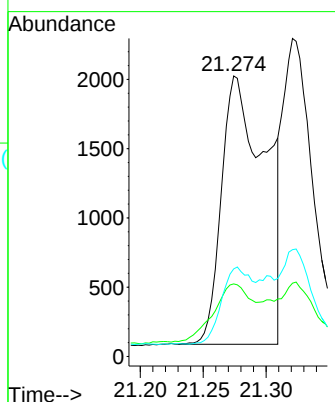
#21
 Benzo(a)anthracene
 Concen: 0.097 ng/u1
 RT: 21.274 min Scan# 4134
 Delta R.T. -0.006 min
 Lab File: BM048361.D
 Acq: 31 Oct 2024 17:11

Instrument : BNA_M
 ClientSampleId : F7H28



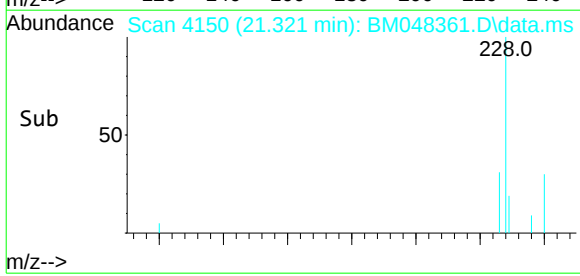
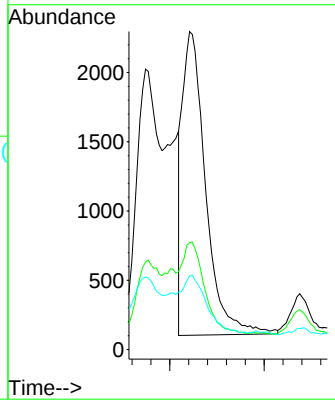
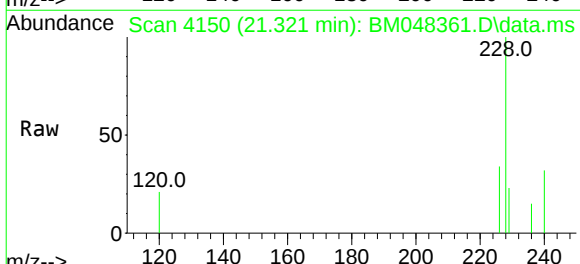
Tgt Ion:	228	Resp:	4659
Ion Ratio	Lower	Upper	
228	100		
229	25.9	15.9	23.9
226	31.2	22.1	33.1

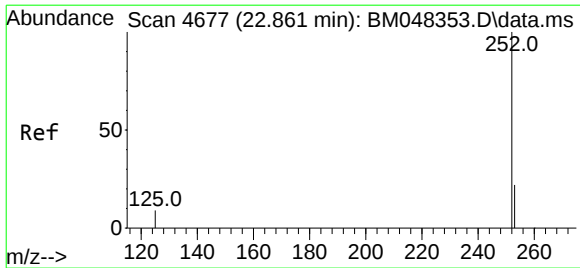
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#22
 Chrysene
 Concen: 0.057 ng/u1
 RT: 21.321 min Scan# 4150
 Delta R.T. -0.006 min
 Lab File: BM048361.D
 Acq: 31 Oct 2024 17:11

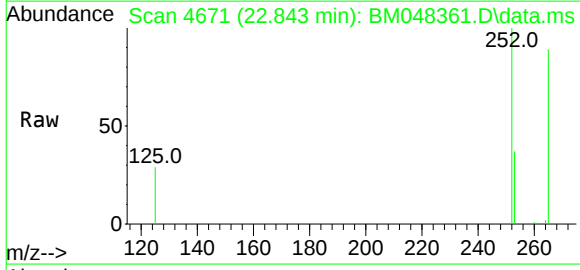
Tgt Ion:	228	Resp:	3761
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.1	36.1
229	23.0	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.204 ng/u1 m
RT: 22.843 min Scan# 4671
Delta R.T. -0.018 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11

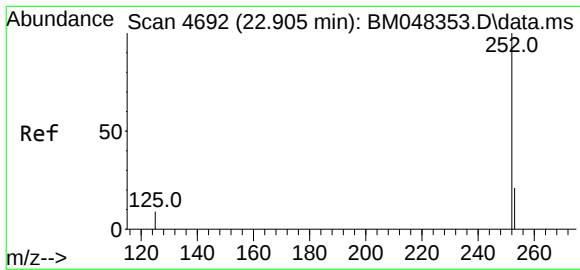
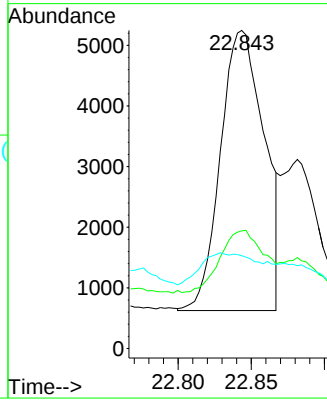
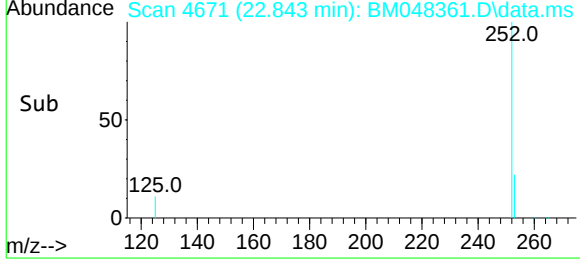
Instrument :
BNA_M
ClientSampleId :
F7H28



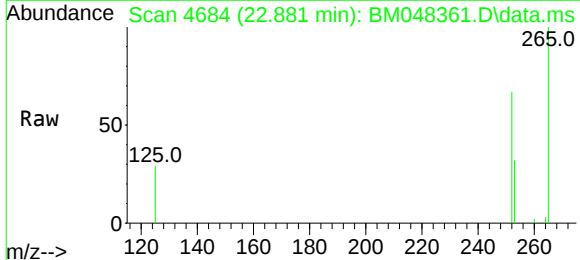
Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	0.0	59.4
125	29.2	0.0	38.0

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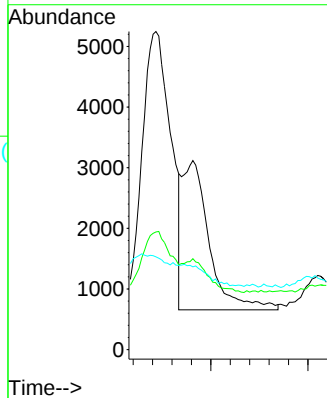
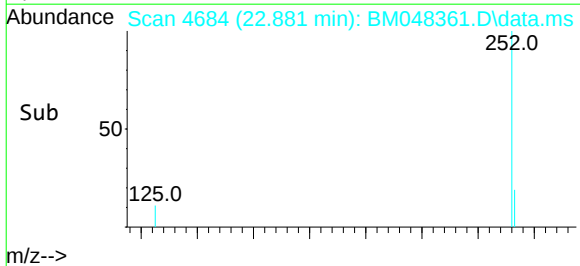
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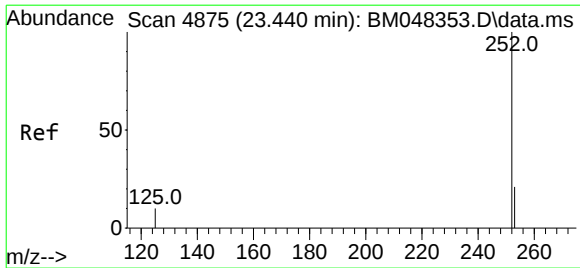


#25
Benzo(k)fluoranthene
Concen: 0.086 ng/u1 m
RT: 22.881 min Scan# 4684
Delta R.T. -0.023 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11



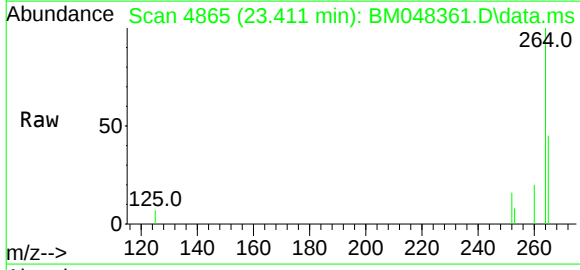
Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.1	23.4	35.0#
125	43.8	15.3	22.9#





#26
Benzo(a)pyrene
Concen: 0.099 ng/u1
RT: 23.411 min Scan# 4875
Delta R.T. -0.029 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11

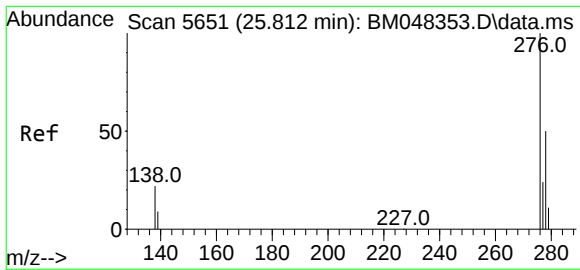
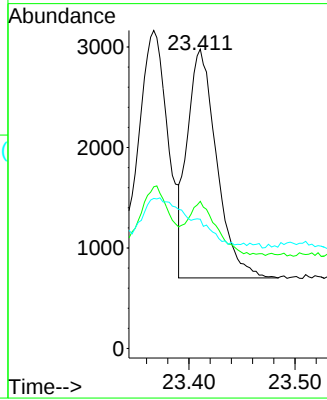
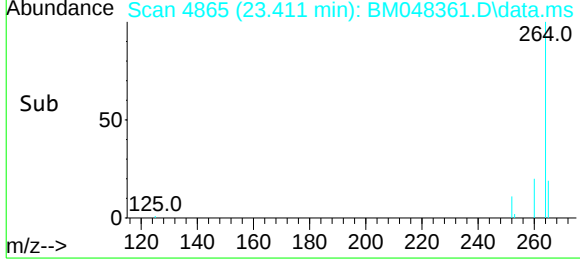
Instrument :
BNA_M
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F7H28



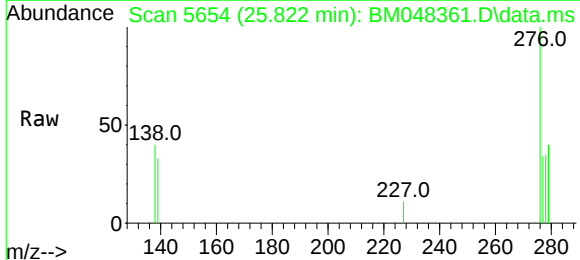
Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.1	27.7	41.5#
125	43.2	21.1	31.7#

Manual Integrations
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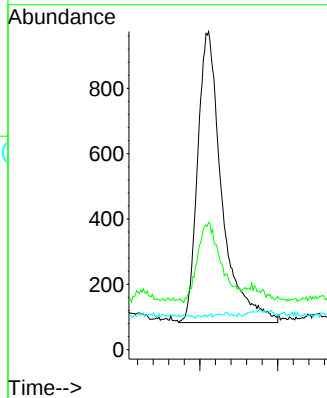
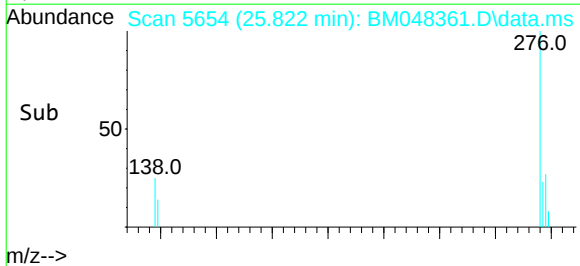
Reviewed By :Yogesh Patel 11/04/2024
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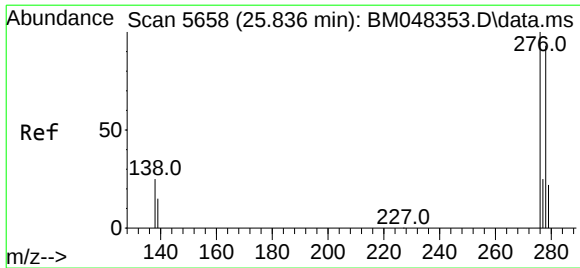


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/u1
RT: 25.822 min Scan# 5654
Delta R.T. 0.010 min
Lab File: BM048361.D
Acq: 31 Oct 2024 17:11



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.6	29.4
227	0.1	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.022 ng/u1

RT: 25.822 min Scan# 56

Delta R.T. -0.013 min

Lab File: BM048361.D

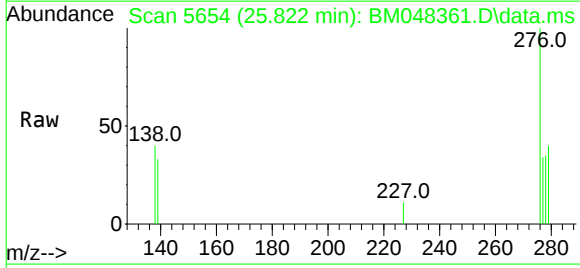
Acq: 31 Oct 2024 17:11

Instrument :

BNA_M

ClientSampleId :

F7H28



Tgt Ion:278 Resp: 1041

Ion Ratio Lower Upper

278 100

139 96.4 15.6 23.4#

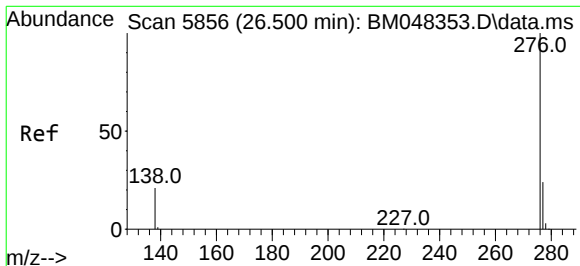
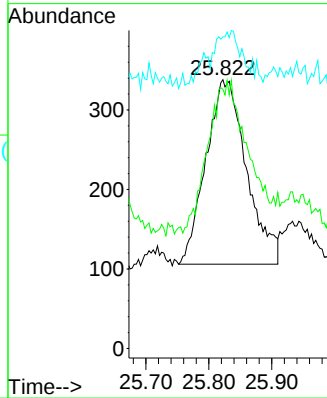
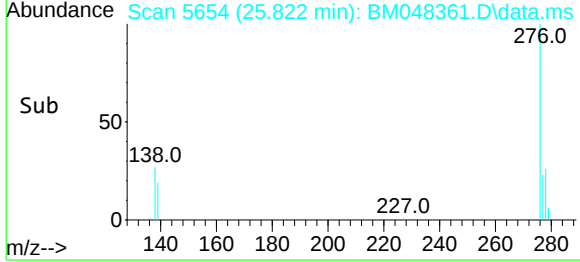
279 116.0 26.4 39.6#

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.069 ng/u1

RT: 26.513 min Scan# 5860

Delta R.T. 0.013 min

Lab File: BM048361.D

Acq: 31 Oct 2024 17:11

Tgt Ion:276 Resp: 3584

Ion Ratio Lower Upper

276 100

138 35.0 19.0 28.6#

277 36.2 20.6 31.0#

