

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048418.D
 Acq On : 02 Nov 2024 05:37
 Operator : RC/JU
 Sample : PB164513BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS513

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 21:52:41 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	7.813	152	2506m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.557	136	8822	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.372	164	5160	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.133	188	11037	0.400	ng/ul	0.01
17) Chrysene-d12	21.303	240	8899	0.400	ng/ul	0.01
23) Perylene-d12	23.539	264	8588	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3370	1.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	4700	0.419	ng/ul	0.04
18) Fluoranthene-d10	19.151	212	11713	0.518	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	8459	2.533	ng/ul#	83
5) Naphthalene	10.612	128	8916	0.387	ng/ul	97
7) 2-Methylnaphthalene	12.245	142	4834	0.352	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	5904	0.404	ng/ul	98
10) Acenaphthylene	14.104	152	7689	0.385	ng/ul	98
11) Acenaphthene	14.437	153	6481	0.405	ng/ul	98
12) Fluorene	15.455	166	7026	0.395	ng/ul	100
14) Pentachlorophenol	16.808	266	1872	0.609	ng/ul	93
15) Phenanthrene	17.179	178	10089	0.368	ng/ul	97
16) Anthracene	17.297	178	8864	0.345	ng/ul	95
19) Fluoranthene	19.183	202	14534	0.474	ng/ul	98
20) Pyrene	19.536	202	15764	0.479	ng/ul	98
21) Benzo(a)anthracene	21.295	228	9858	0.370	ng/ul	99
22) Chrysene	21.336	228	18799	0.512	ng/ul	100
24) Benzo(b)fluoranthene	22.867	252	13382	0.456	ng/ul	98
25) Benzo(k)fluoranthene	22.911	252	17831	0.513	ng/ul	96
26) Benzo(a)pyrene	23.460	252	13181	0.478	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.842	276	17103	0.444	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.873	278	13030	0.434	ng/ul	94
29) Benzo(g,h,i)perylene	26.506	276	15383	0.474	ng/ul	99

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

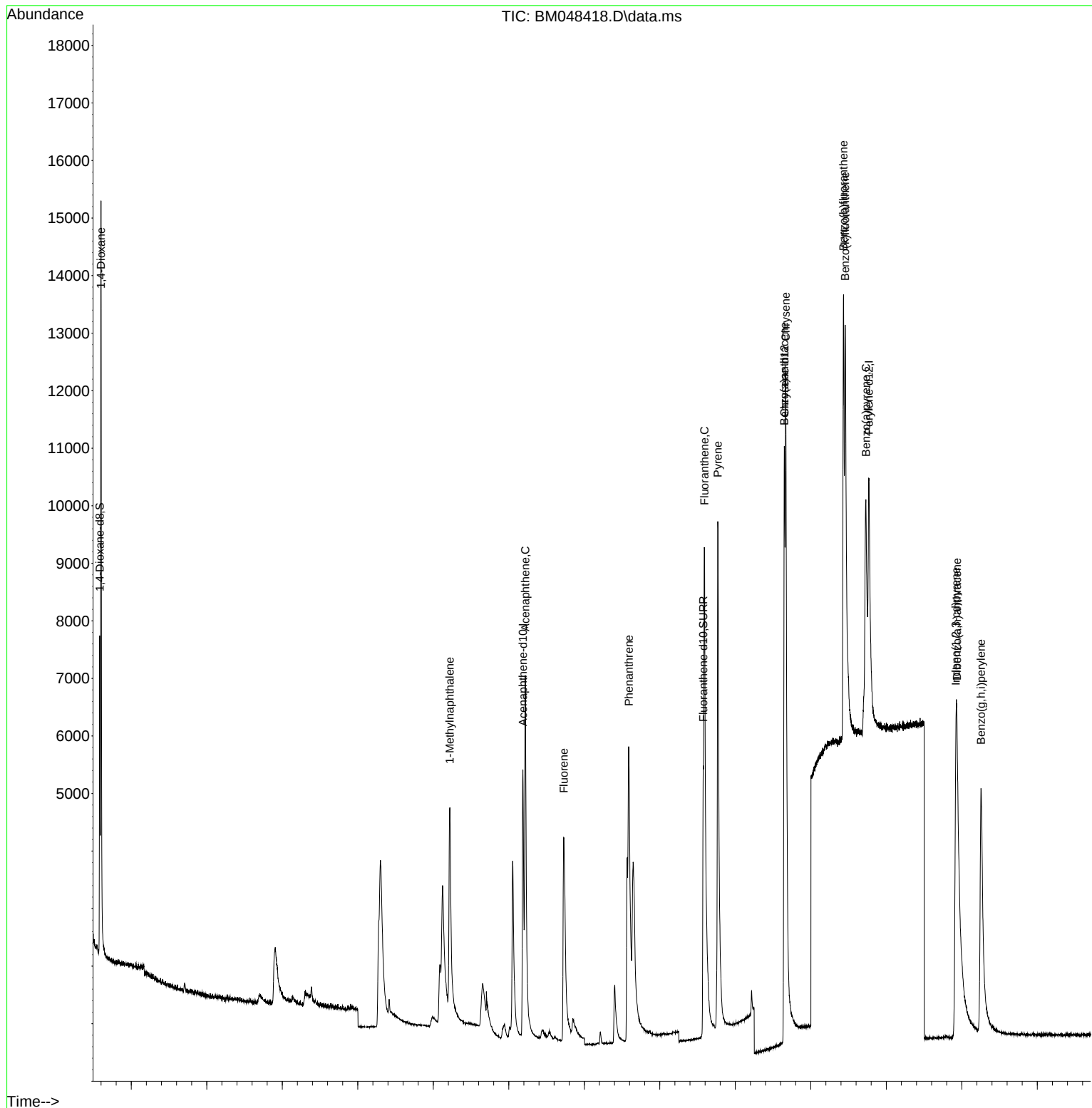
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048418.D
Acq On : 02 Nov 2024 05:37
Operator : RC/JU
Sample : PB164513BS
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ALS Vial : 71 Sample Multiplier: 1

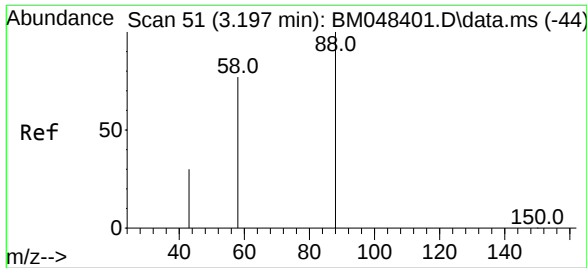
Instrument :
BNA_M
ClientSampleId :
SLCS513

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Supervised By :mohammad ahmed 11/04/2024

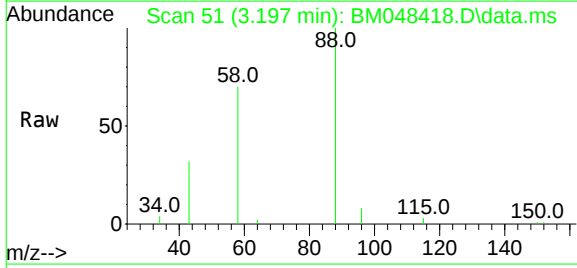
Quant Time: Nov 03 21:52:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.533 ng/u1
RT: 3.197 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

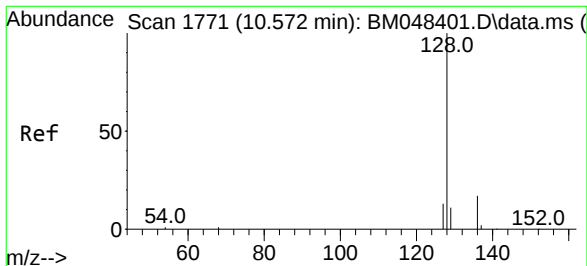
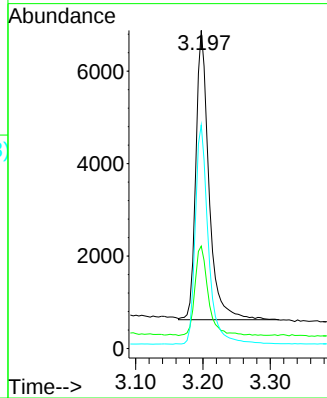
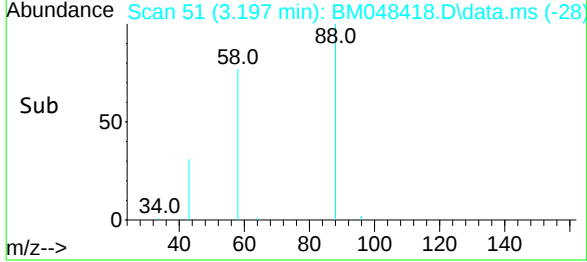
Instrument :
BNA_M
ClientSampleId :
SLCS513



Tgt Ion: 88 Resp: 8459
Ion Ratio Lower Upper
88 100
43 32.2 36.2 54.4#
58 70.3 47.4 71.0

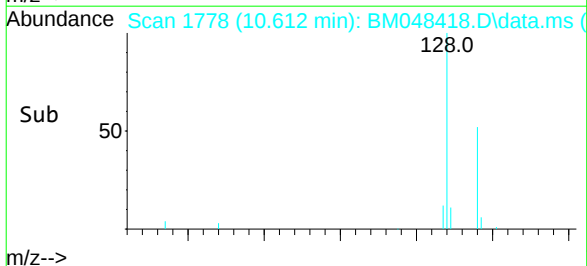
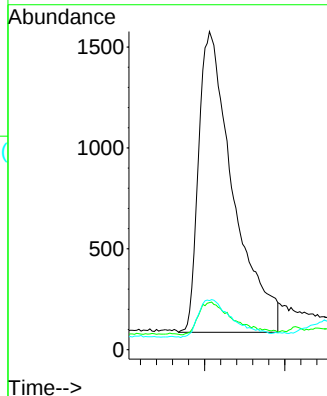
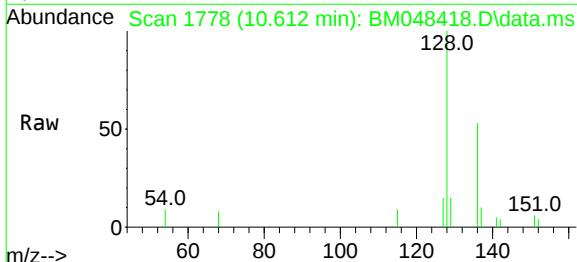
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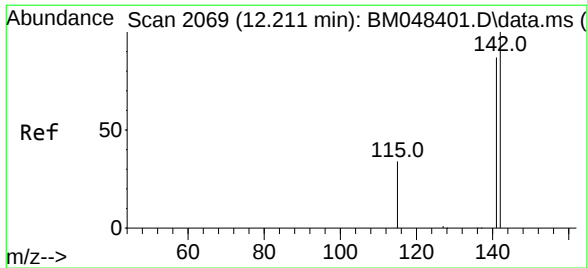
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#5
Naphthalene
Concen: 0.387 ng/u1
RT: 10.612 min Scan# 1778
Delta R.T. 0.033 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

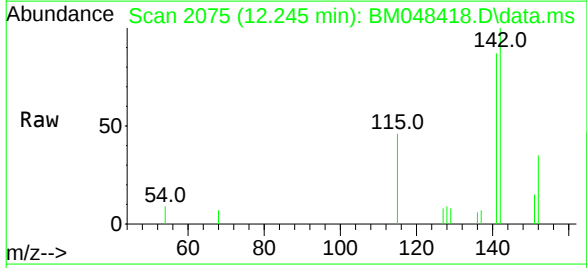
Tgt Ion:128 Resp: 8916
Ion Ratio Lower Upper
128 100
129 14.8 10.6 15.8
127 15.4 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.245 min Scan# 2069
Delta R.T. 0.033 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

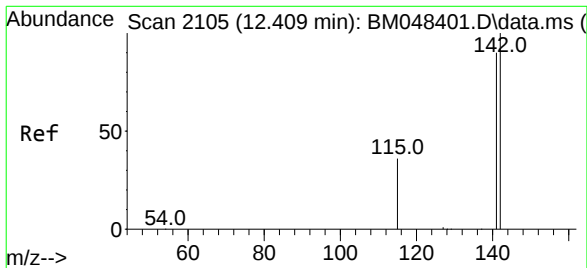
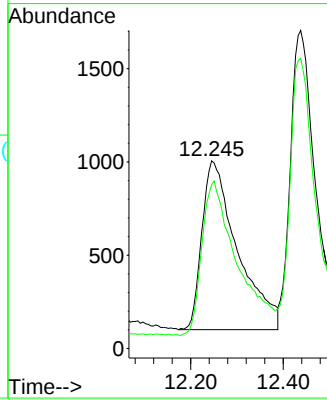
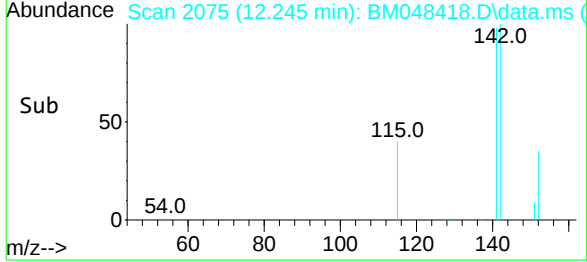
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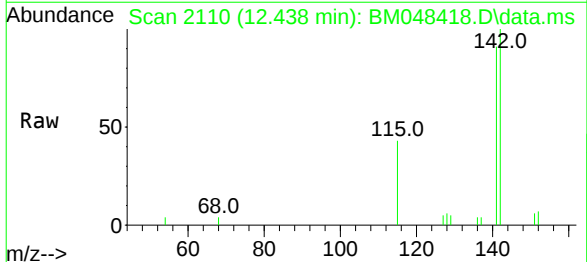
Tgt Ion:142 Resp: 4834
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2

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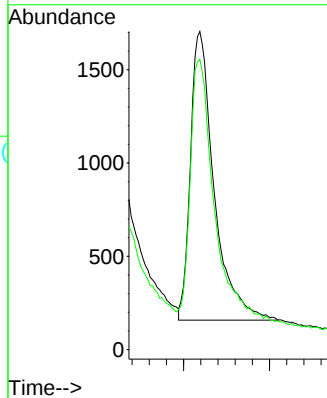
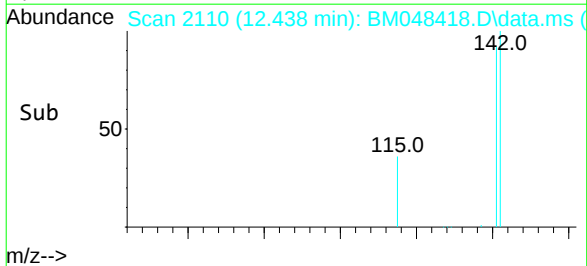
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

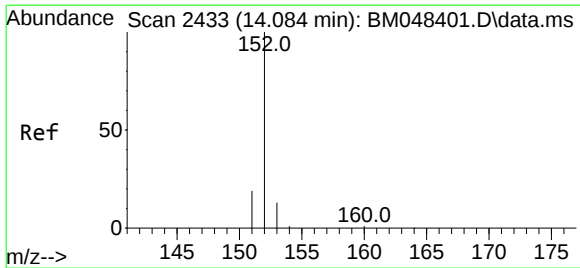


#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. 0.022 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37



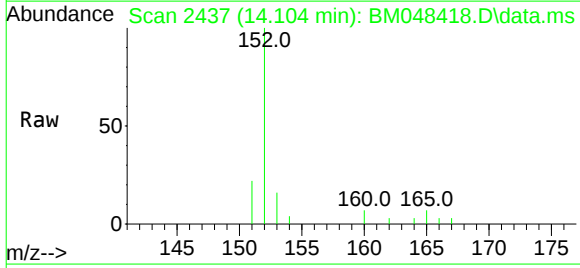
Tgt Ion:142 Resp: 5904
Ion Ratio Lower Upper
142 100
141 92.5 75.5 113.3





#10
Acenaphthylene
Concen: 0.385 ng/u1
RT: 14.104 min Scan# 2437
Delta R.T. 0.014 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

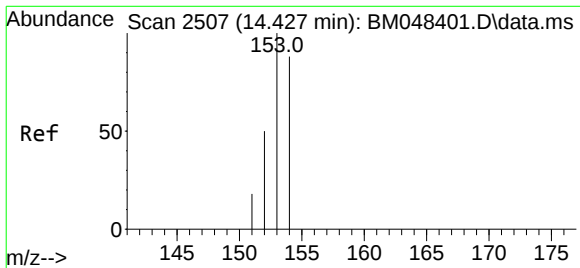
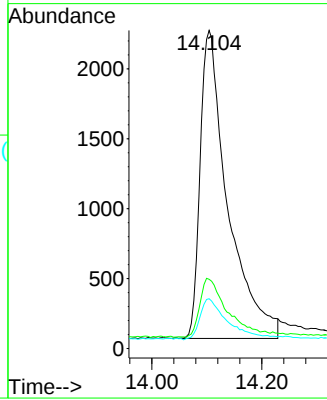
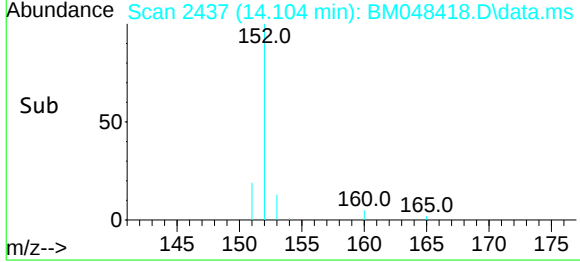
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	152	Resp:	7689
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.6	24.8
153	15.6	11.8	17.6

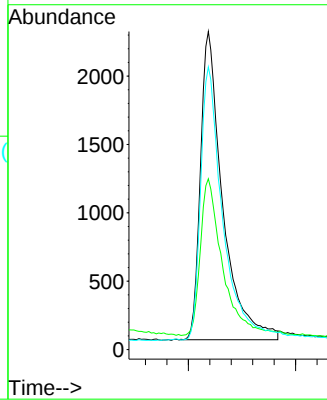
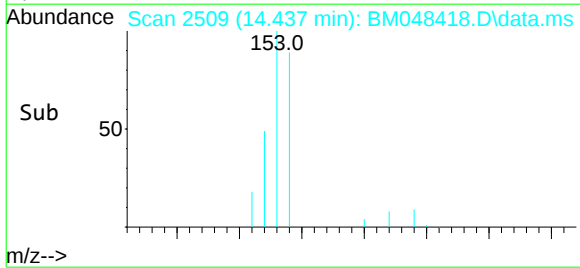
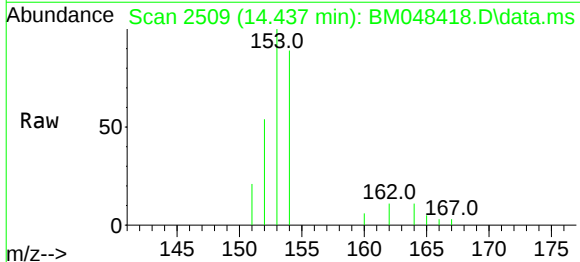
Manual Integrations
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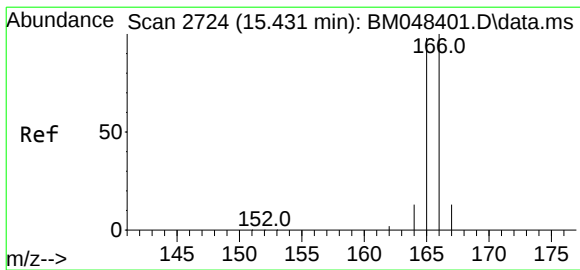
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#11
Acenaphthene
Concen: 0.405 ng/u1
RT: 14.437 min Scan# 2509
Delta R.T. 0.009 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

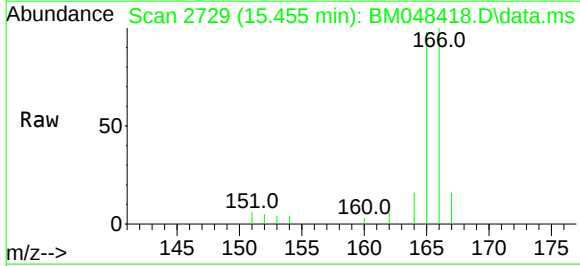
Tgt Ion:	153	Resp:	6481
Ion Ratio	Lower	Upper	
153	100		
152	53.7	40.7	61.1
154	88.9	70.6	106.0





#12
 Fluorene
 Concen: 0.395 ng/u1
 RT: 15.455 min Scan# 2729
 Delta R.T. 0.023 min
 Lab File: BM048418.D
 Acq: 02 Nov 2024 05:37

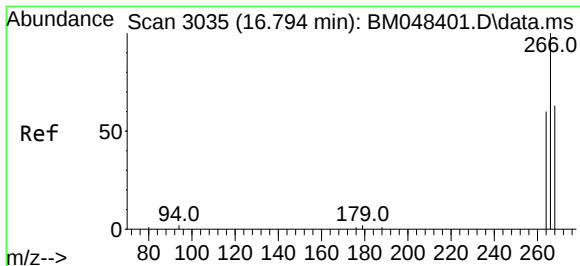
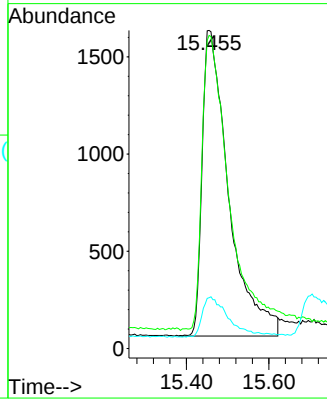
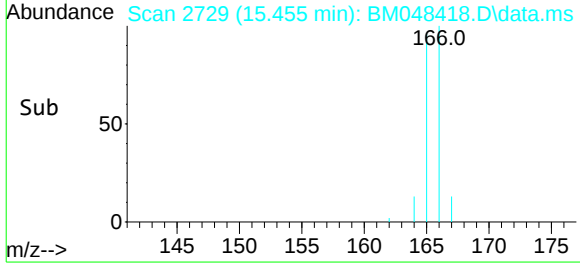
Instrument :
 BNA_M
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 SLCS513



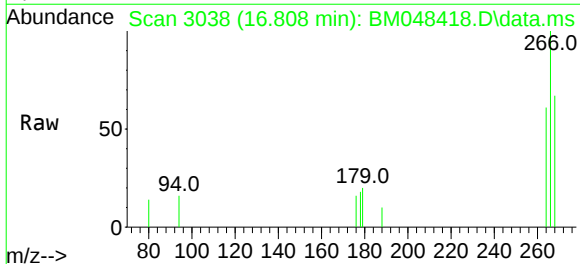
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	16.0	12.1	18.1

Manual Integrations
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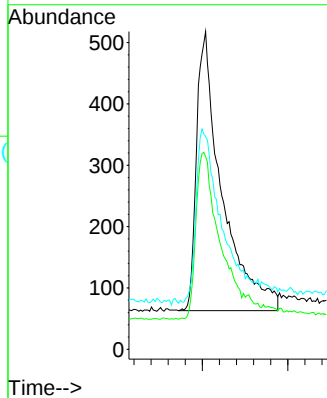
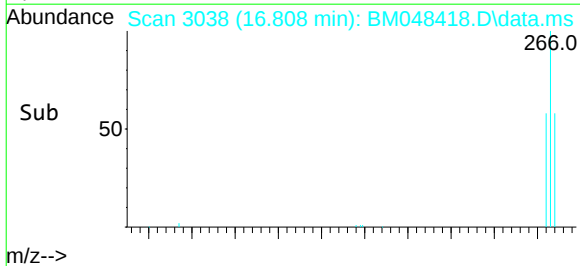
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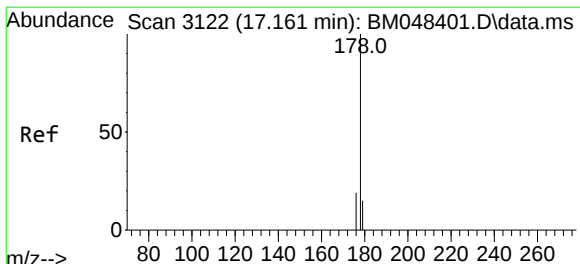


#14
 Pentachlorophenol
 Concen: 0.609 ng/u1
 RT: 16.808 min Scan# 3038
 Delta R.T. 0.021 min
 Lab File: BM048418.D
 Acq: 02 Nov 2024 05:37



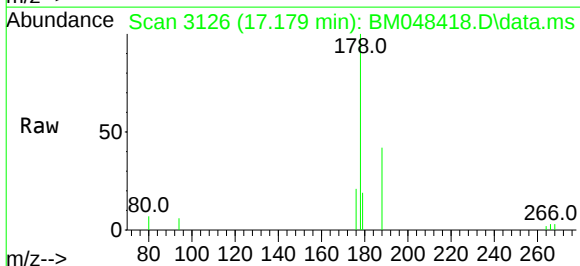
Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	48.3	72.5
268	67.6	46.2	69.4





#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.179 min Scan# 31
Delta R.T. 0.021 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

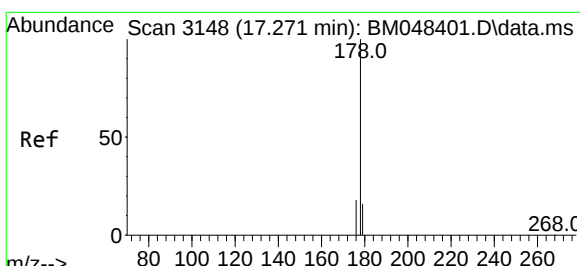
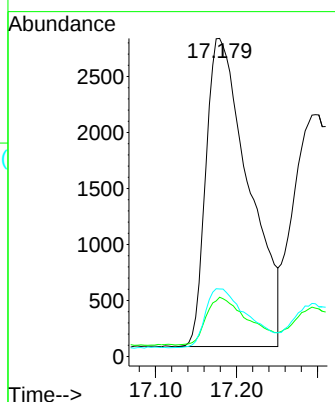
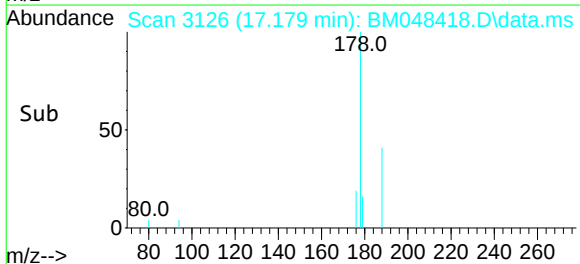
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ClientSampleId :
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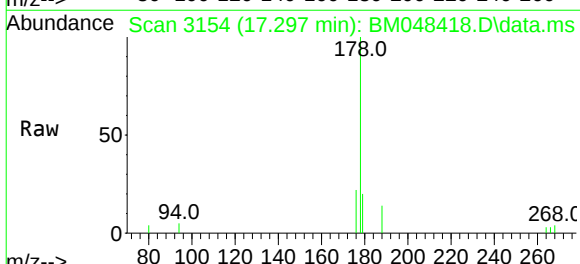
Tgt Ion:	178	Resp:	10089
Ion Ratio	Lower	Upper	
178	100		
179	18.6	13.9	20.9
176	21.2	16.0	24.0

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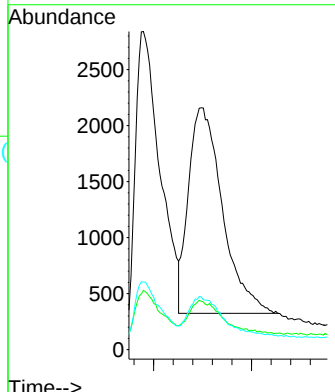
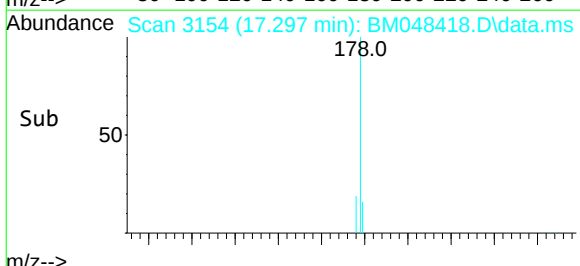
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

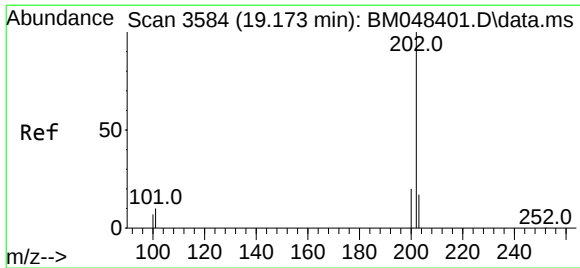


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.297 min Scan# 3154
Delta R.T. 0.038 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37



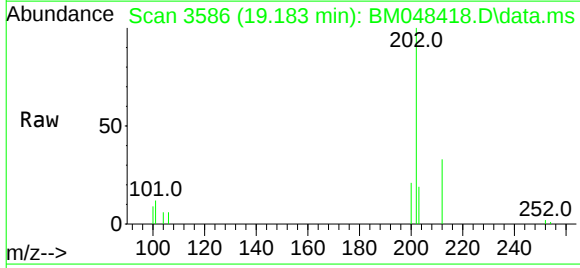
Tgt Ion:	178	Resp:	8864
Ion Ratio	Lower	Upper	
178	100		
179	20.0	14.2	21.2
176	21.8	15.8	23.6





#19
Fluoranthene
Concen: 0.474 ng/u1
RT: 19.183 min Scan# 3584
Delta R.T. 0.014 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

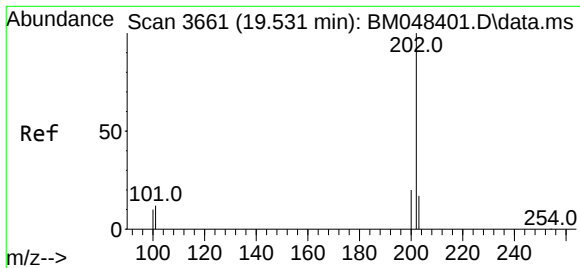
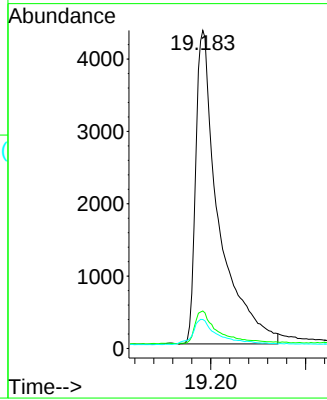
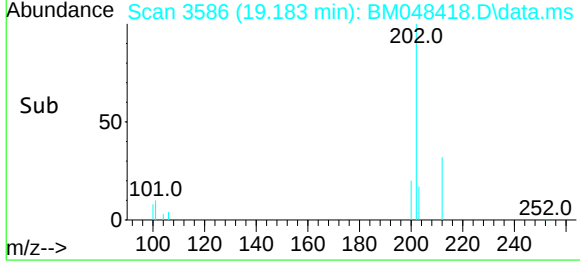
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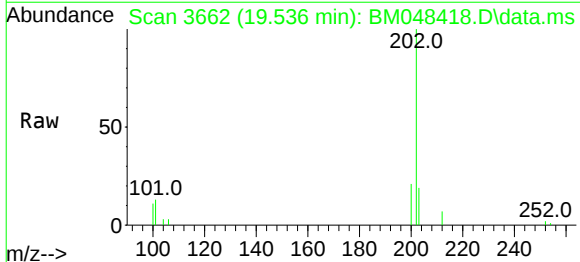
Tgt Ion:202 Resp: 14534
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 9.1 6.6 10.0

Manual Integrations
APPROVED

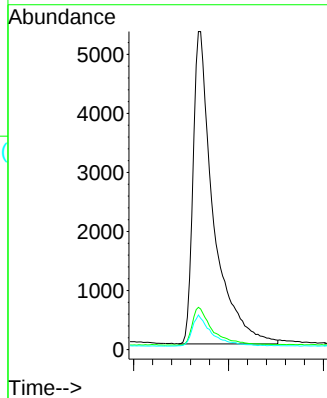
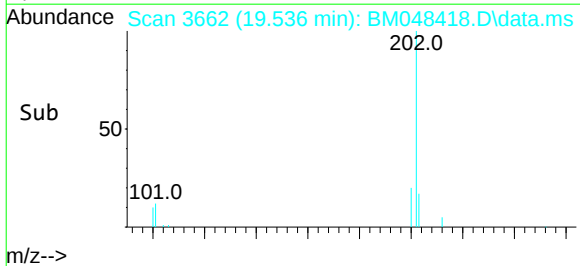
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

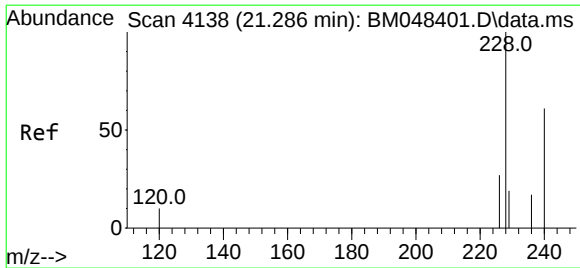


#20
Pyrene
Concen: 0.479 ng/u1
RT: 19.536 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37



Tgt Ion:202 Resp: 15764
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.9 8.0 12.0





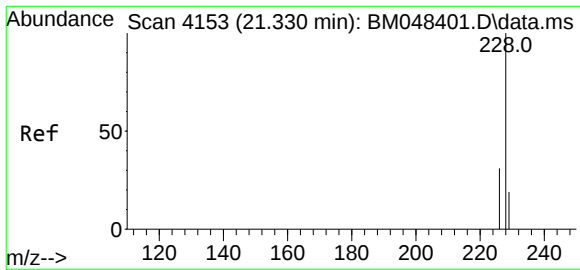
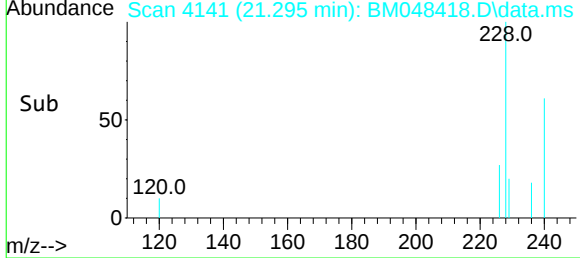
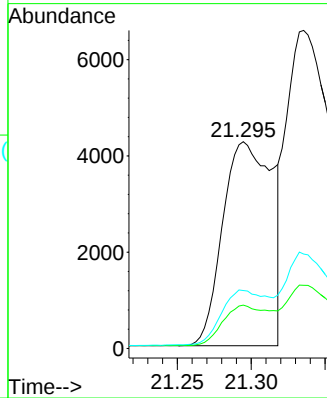
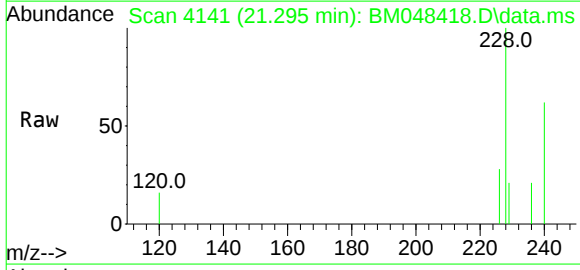
#21
Benzo(a)anthracene
Concen: 0.370 ng/u1
RT: 21.295 min Scan# 41
Delta R.T. 0.015 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
SLCS513

Tgt Ion:	228	Resp:	9858
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	28.0	22.1	33.1

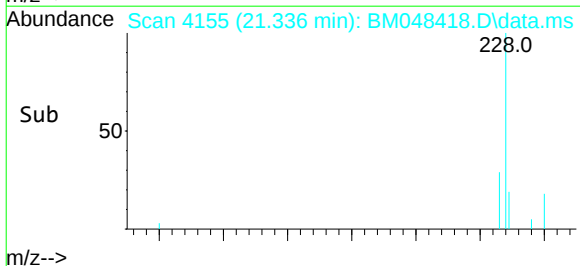
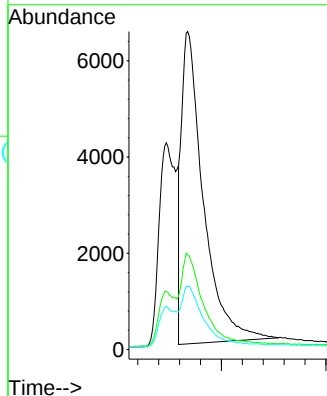
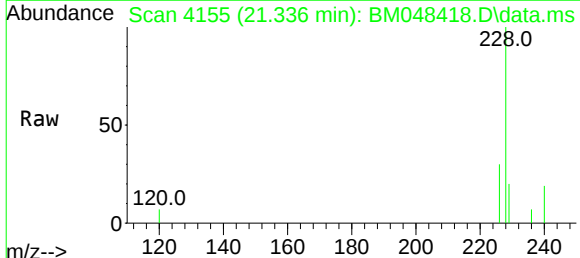
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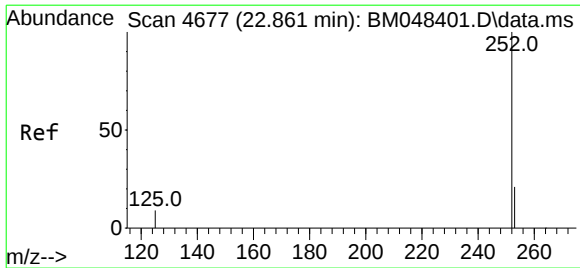
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 0.512 ng/u1
RT: 21.336 min Scan# 4155
Delta R.T. 0.009 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:	228	Resp:	18799
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.9	15.9	23.9





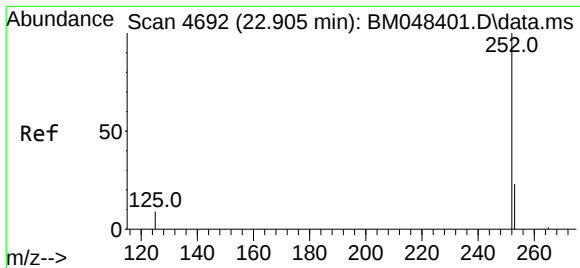
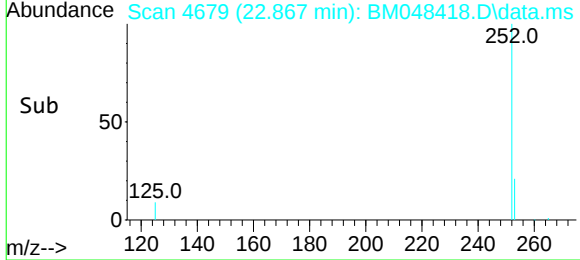
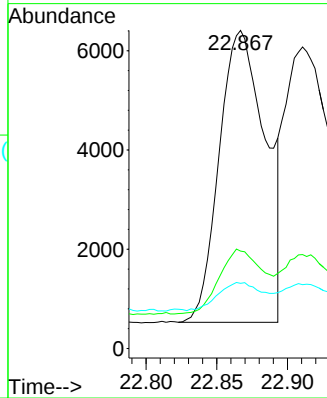
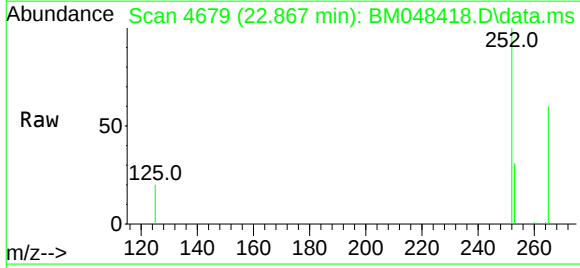
#24
Benzo(b)fluoranthene
Concen: 0.456 ng/u1
RT: 22.867 min Scan# 4677
Delta R.T. 0.006 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
SLCS513

Tgt Ion:252 Resp: 13382
Ion Ratio Lower Upper
252 100
253 30.6 0.0 59.4
125 20.5 0.0 38.0

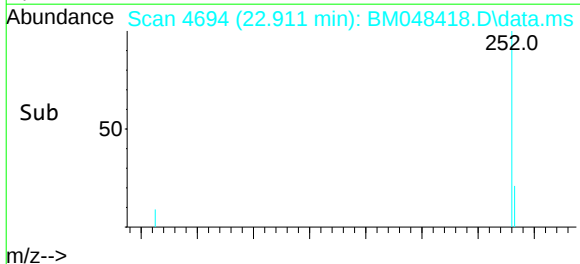
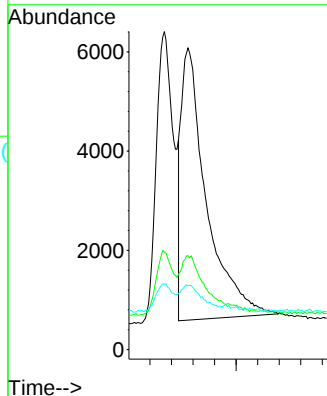
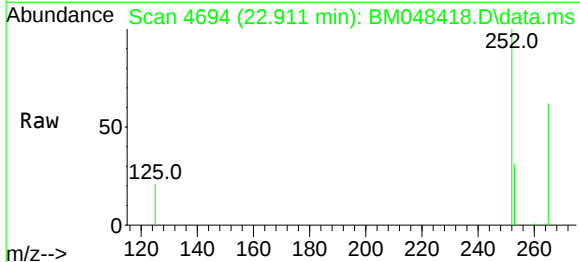
Manual Integrations
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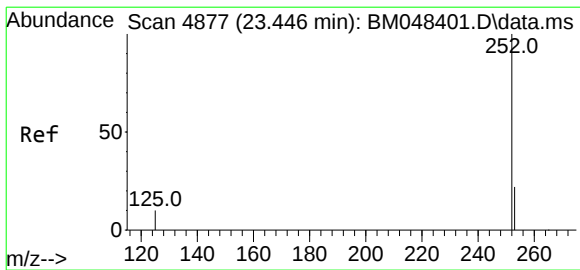
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.513 ng/u1
RT: 22.911 min Scan# 4694
Delta R.T. 0.006 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

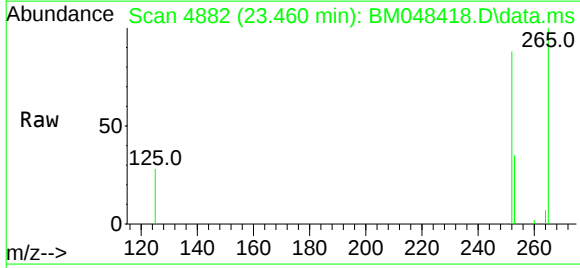
Tgt Ion:252 Resp: 17831
Ion Ratio Lower Upper
252 100
253 31.2 23.4 35.0
125 21.2 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.478 ng/ul
RT: 23.460 min Scan# 4877
Delta R.T. 0.020 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

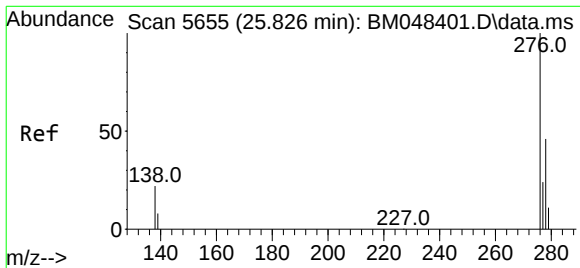
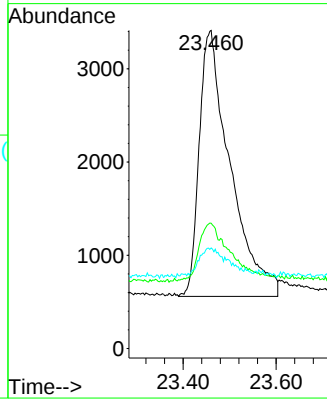
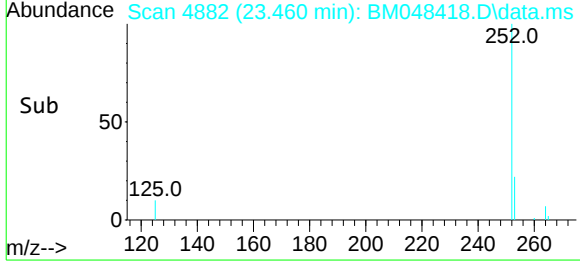
Instrument :
BNA_M
ClientSampleId :
SLCS513



Tgt	Ion	252	Resp:	13181
Ion	Ratio	Lower	Upper	
252	100			
253	39.4	27.7	41.5	
125	31.6	21.1	31.7	

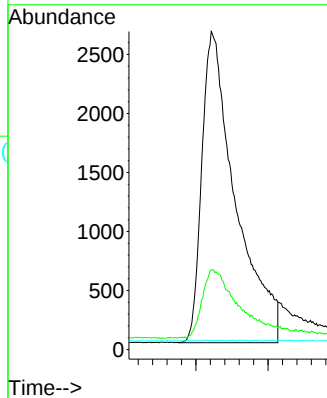
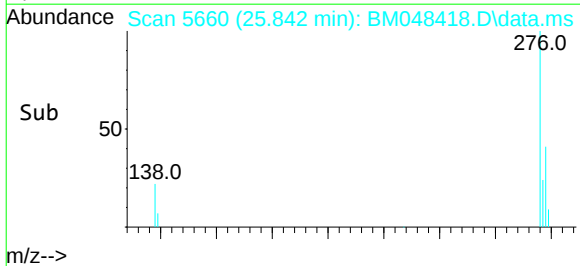
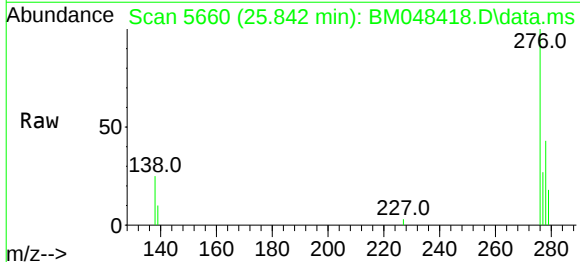
Manual Integrations
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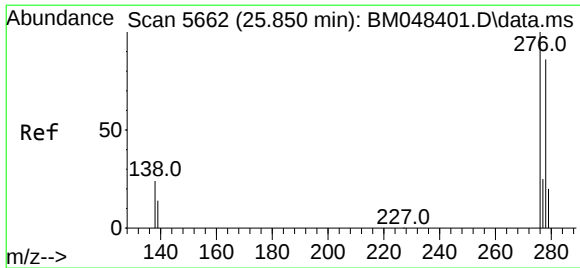
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng/ul
RT: 25.842 min Scan# 5660
Delta R.T. 0.030 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

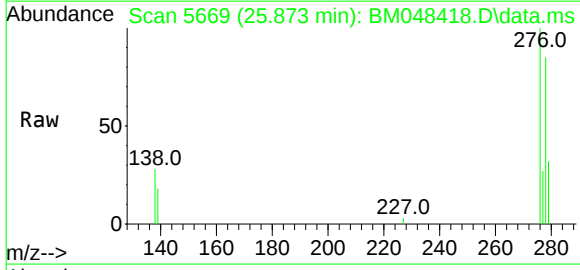
Tgt	Ion	276	Resp:	17103
Ion	Ratio	Lower	Upper	
276	100			
138	23.7	19.6	29.4	
227	0.0	0.1	0.1	#





#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 25.873 min Scan# 5662
Delta R.T. 0.037 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

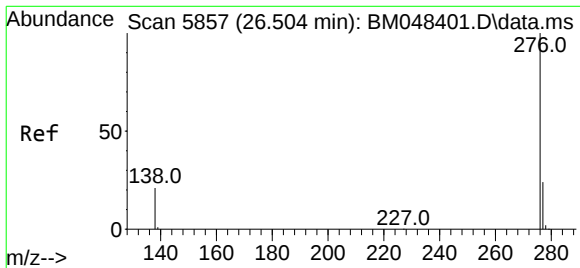
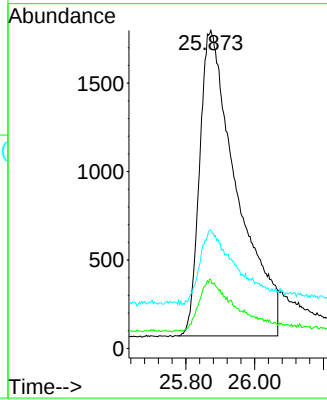
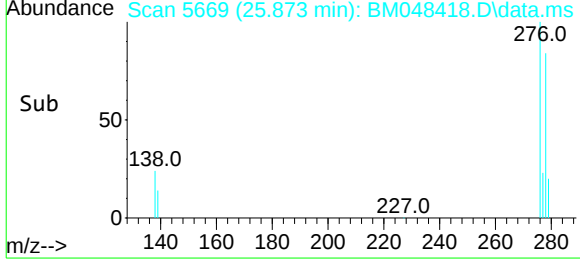
Instrument :
BNA_M
ClientSampleId :
SLCS513



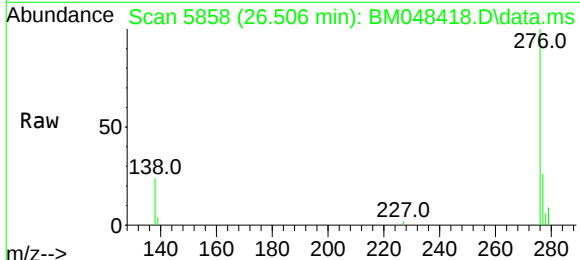
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.6	23.4
279	37.3	26.4	39.6

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



#29
Benzo(g,h,i)perylene
Concen: 0.474 ng/ul
RT: 26.506 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.0	28.6
277	26.3	20.6	31.0

