

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048692.D
 Acq On : 15 Nov 2024 02:58
 Operator : RC/JU
 Sample : PB164925BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS925

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 15 03:31:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 11:38:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2698m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.506	136	9066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.325	164	5495	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	11135	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	8990	0.400	ng/ul	0.00
23) Perylene-d12	23.484	264	9140	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3000	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	4975	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.112	212	11638	0.461	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	8351	2.232	ng/ul#	63
5) Naphthalene	10.556	128	9743	0.429	ng/ul	96
7) 2-Methylnaphthalene	12.183	142	5590	0.391	ng/ul	94
8) 1-Methylnaphthalene	12.381	142	6689	0.457	ng/ul	99
10) Acenaphthylene	14.052	152	9098	0.436	ng/ul	98
11) Acenaphthene	14.385	153	7268	0.435	ng/ul	99
12) Fluorene	15.403	166	7712	0.425	ng/ul	100
14) Pentachlorophenol	16.751	266	2428	0.594	ng/ul	99
15) Phenanthrene	17.131	178	11320	0.387	ng/ul	98
16) Anthracene	17.245	178	10110	0.371	ng/ul	97
19) Fluoranthene	19.140	202	15170	0.456	ng/ul	99
20) Pyrene	19.498	202	16354	0.453	ng/ul	99
21) Benzo(a)anthracene	21.254	228	10642	0.362	ng/ul	99
22) Chrysene	21.298	228	18068	0.512	ng/ul	100
24) Benzo(b)fluoranthene	22.815	252	13571	0.476	ng/ul	96
25) Benzo(k)fluoranthene	22.861	252	17638	0.528	ng/ul	96
26) Benzo(a)pyrene	23.396	252	13310	0.479	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.749	276	16185	0.417	ng/ul#	50
28) Dibenzo(a,h)anthracene	25.769	278	11812	0.391	ng/ul	96
29) Benzo(g,h,i)perylene	26.420	276	14738	0.452	ng/ul	99

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

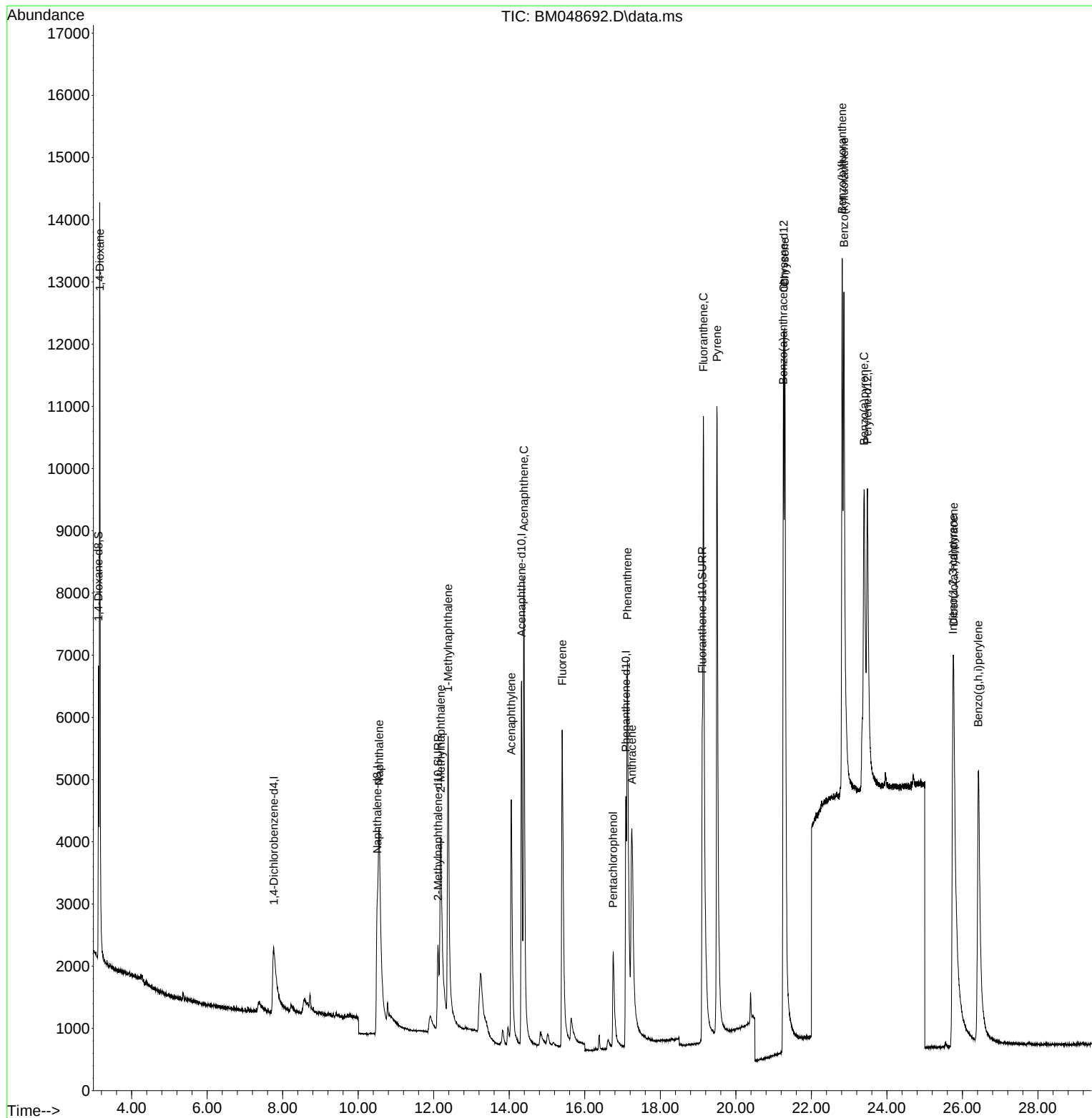
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048692.D
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ALS Vial : 17 Sample Multiplier: 1

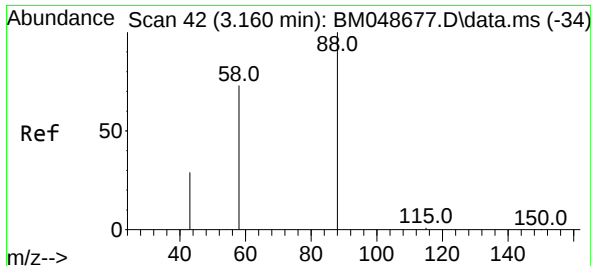
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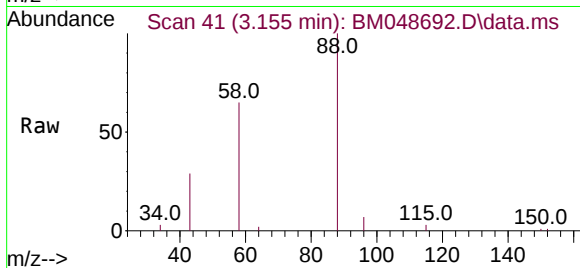
Quant Time: Nov 15 03:31:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.232 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

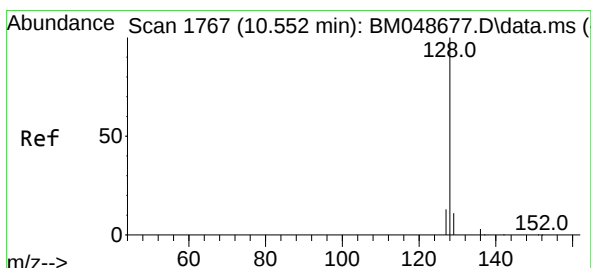
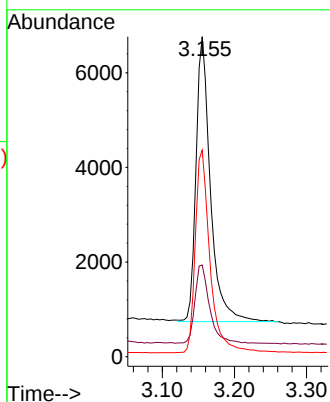
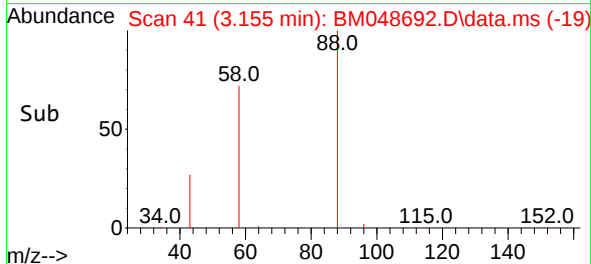
Instrument :
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ClientSampleId :
SLCS925



Tgt Ion: 88 Resp: 835
Ion Ratio Lower Upper
88 100
43 28.7 60.2 90.4
58 64.5 44.2 66.2

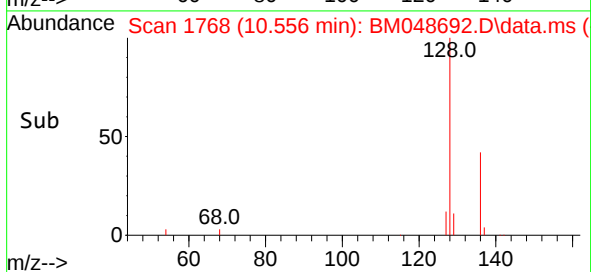
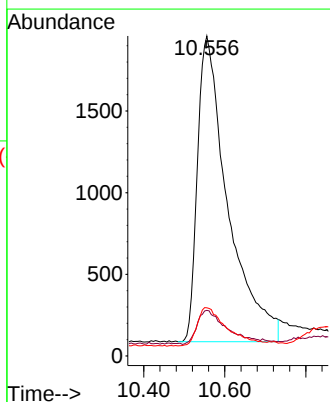
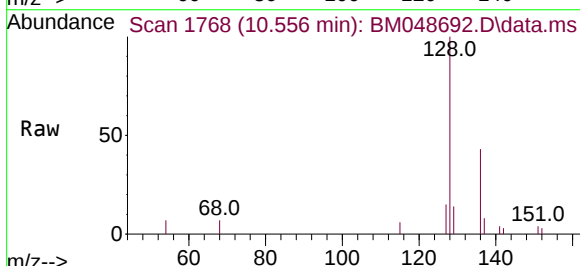
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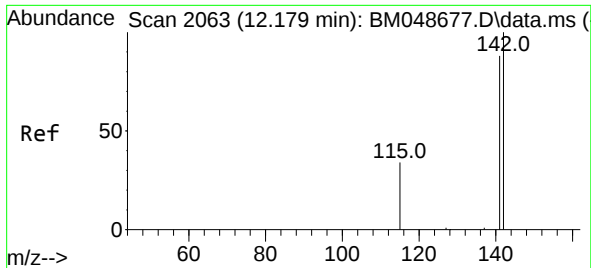
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.556 min Scan# 1768
Delta R.T. 0.010 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

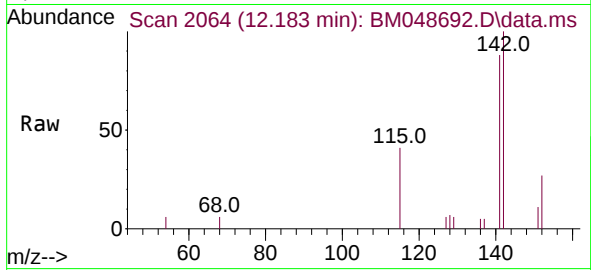
Tgt Ion:128 Resp: 9743
Ion Ratio Lower Upper
128 100
129 14.2 10.0 15.0
127 15.1 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.183 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

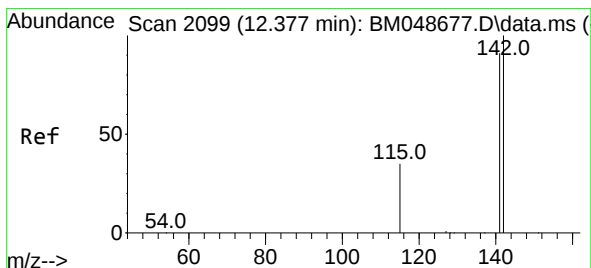
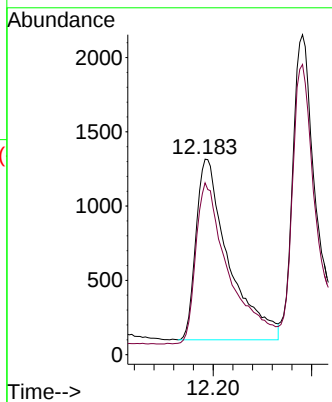
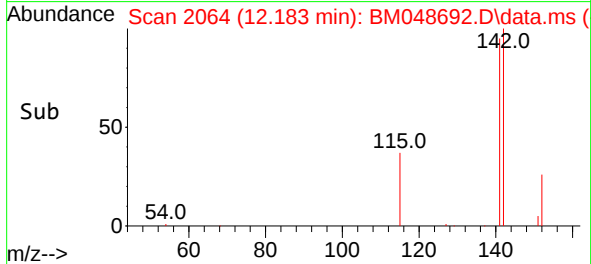
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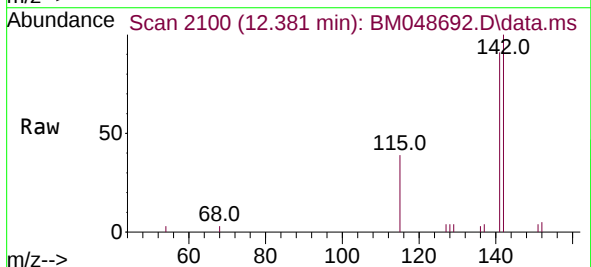
Tgt Ion:142 Resp: 5590
Ion Ratio Lower Upper
142 100
141 91.3 68.6 103.0

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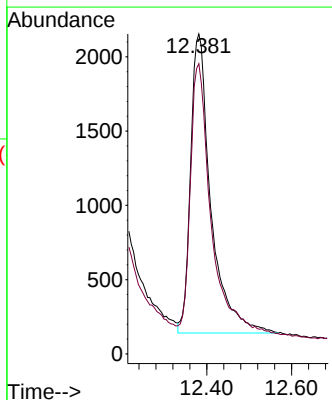
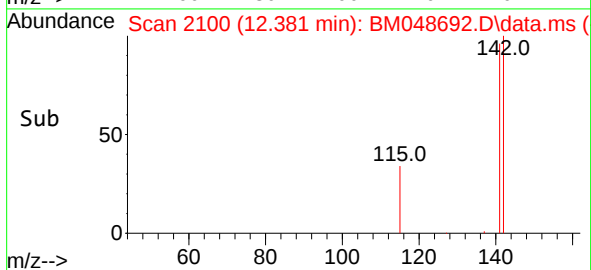
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

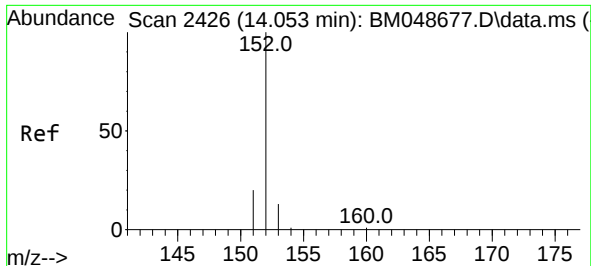


#8
1-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.381 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58



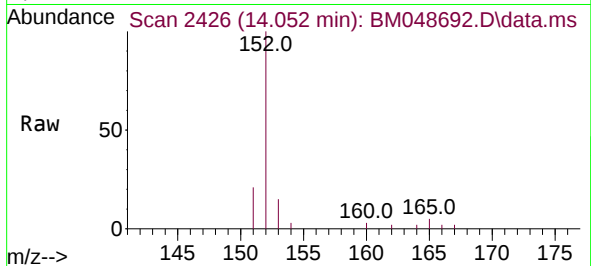
Tgt Ion:142 Resp: 6689
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2





#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.052 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

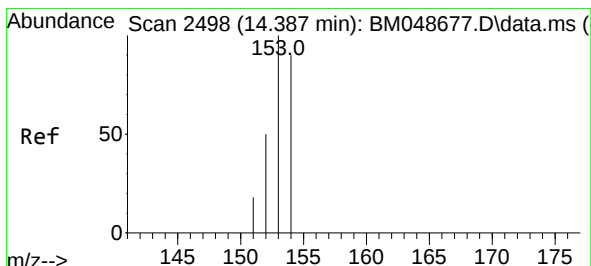
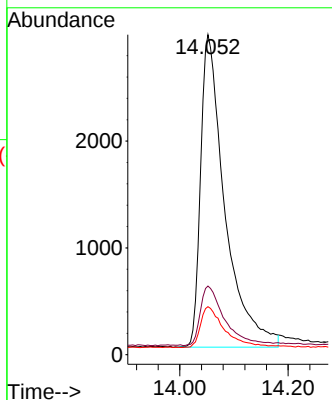
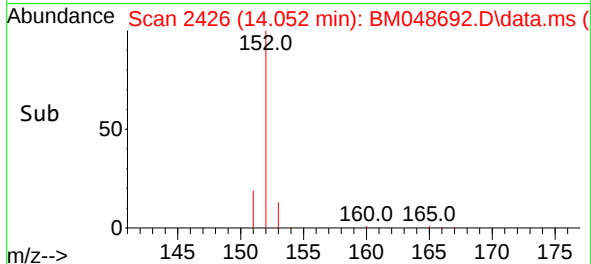
Instrument :
BNA_M
ClientSampleId :
SLCS925



Tgt Ion:152 Resp: 9098
Ion Ratio Lower Upper
152 100
151 21.5 16.5 24.7
153 15.0 11.6 17.4

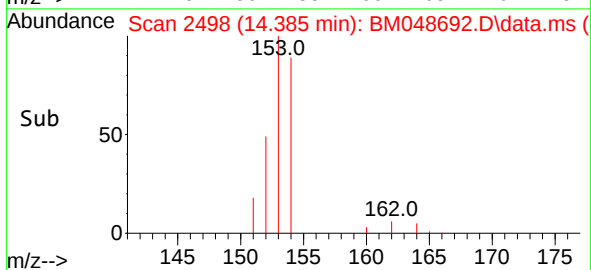
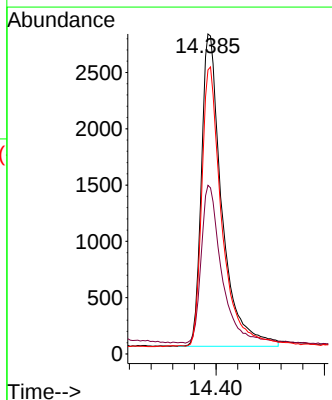
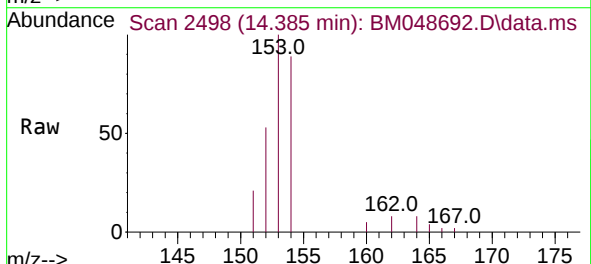
Manual Integrations
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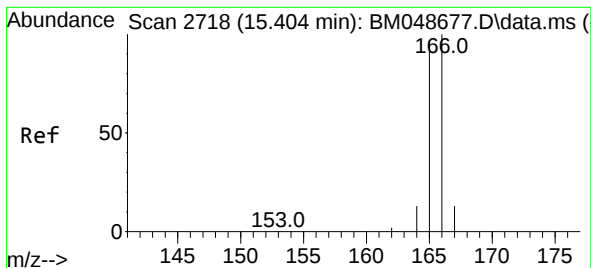
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
Acenaphthene
Concen: 0.435 ng/ul
RT: 14.385 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

Tgt Ion:153 Resp: 7268
Ion Ratio Lower Upper
153 100
152 52.7 41.1 61.7
154 88.8 70.3 105.5





#12

Fluorene

Concen: 0.425 ng/ul

RT: 15.403 min Scan# 2718

Delta R.T. 0.003 min

Lab File: BM048692.D

Acq: 15 Nov 2024 02:58

Instrument :

BNA_M

ClientSampleId :

SLCS925

Tgt Ion:166 Resp: 771

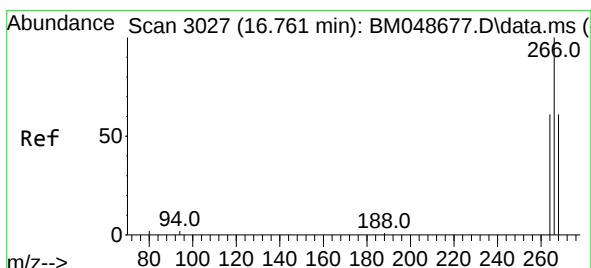
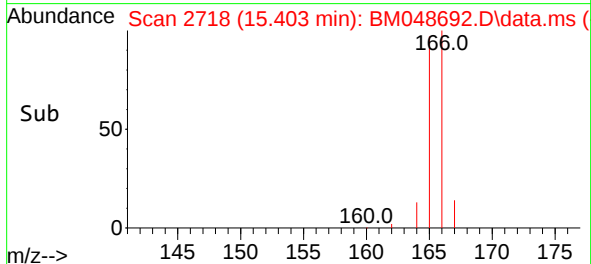
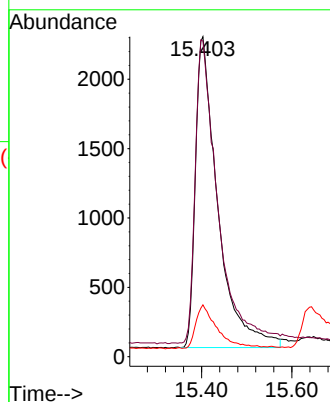
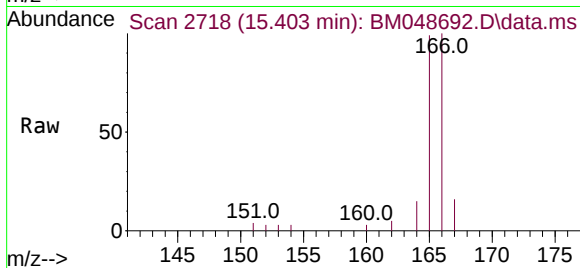
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	16.2	12.6	18.8

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Supervised By :mohammad ahmed 11/15/2024



#14

Pentachlorophenol

Concen: 0.594 ng/ul

RT: 16.751 min Scan# 3025

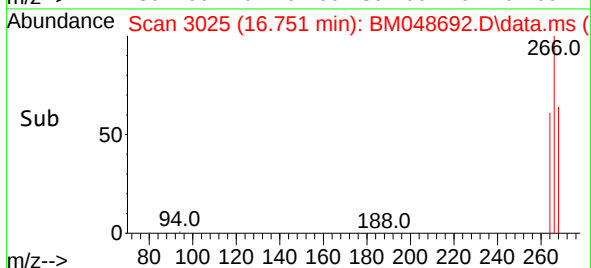
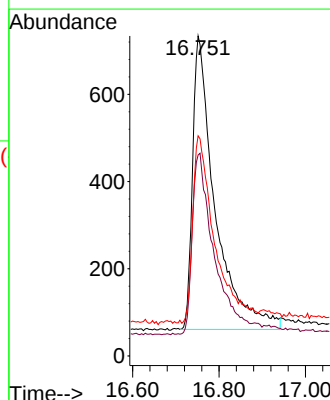
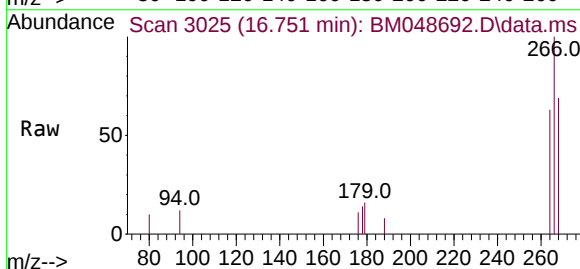
Delta R.T. -0.010 min

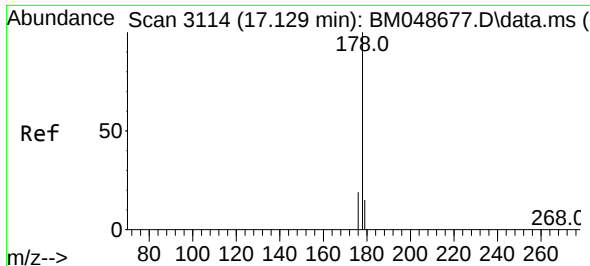
Lab File: BM048692.D

Acq: 15 Nov 2024 02:58

Tgt Ion:266 Resp: 2428

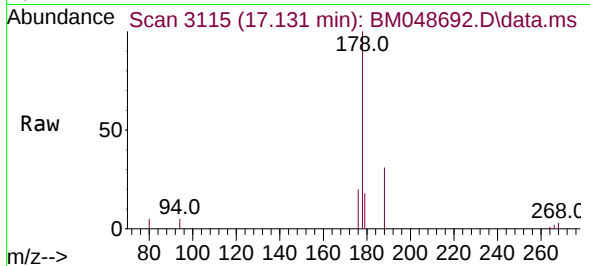
Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.6	74.4
268	63.1	49.4	74.0





#15
Phenanthrene
Concen: 0.387 ng/u1
RT: 17.131 min Scan# 3115
Delta R.T. 0.003 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

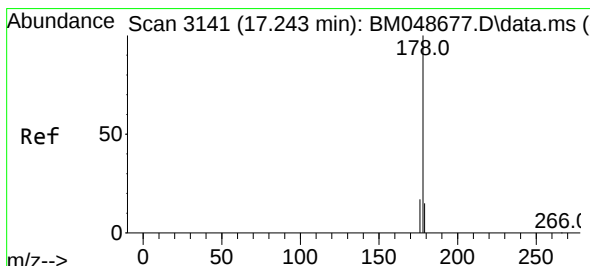
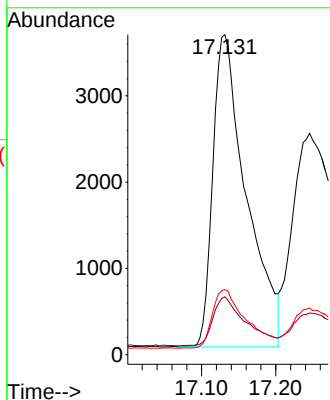
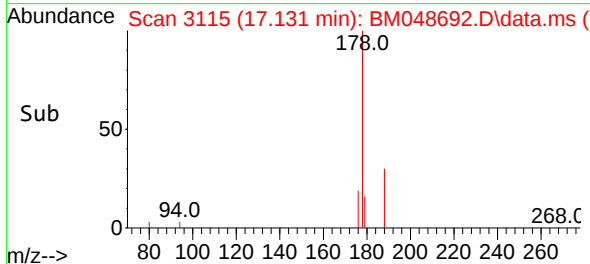
Instrument :
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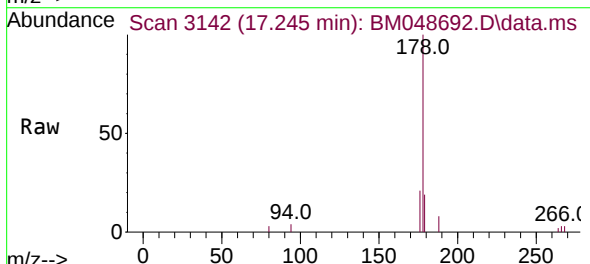
Tgt Ion:178 Resp: 11320
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.0
176 20.4 16.2 24.2

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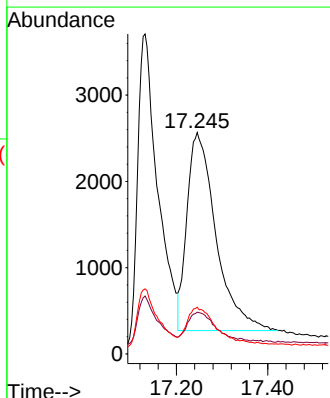
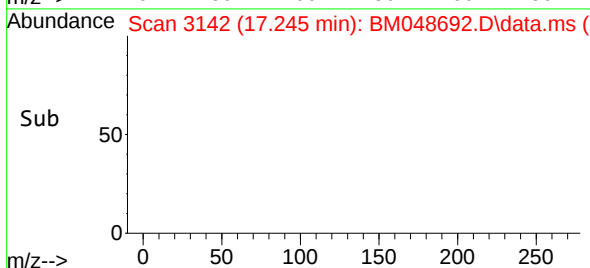
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Supervised By :mohammad ahmed 11/15/2024

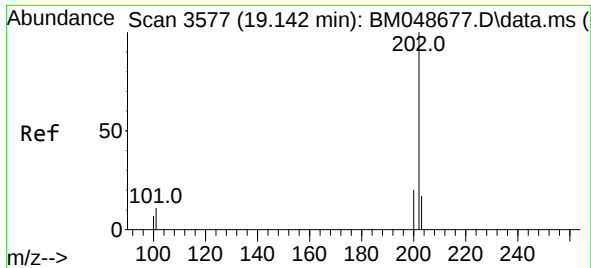


#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.245 min Scan# 3142
Delta R.T. 0.007 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58



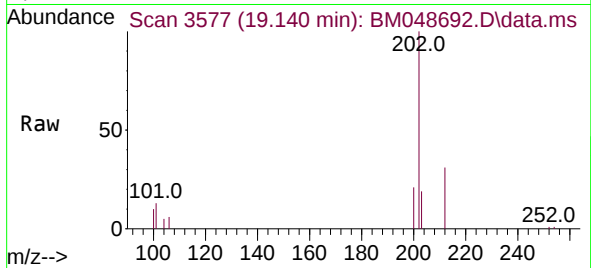
Tgt Ion:178 Resp: 10110
Ion Ratio Lower Upper
178 100
179 18.9 13.7 20.5
176 21.1 15.9 23.9





#19
Fluoranthene
Concen: 0.456 ng/u1
RT: 19.140 min Scan# 3577
Delta R.T. -0.001 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

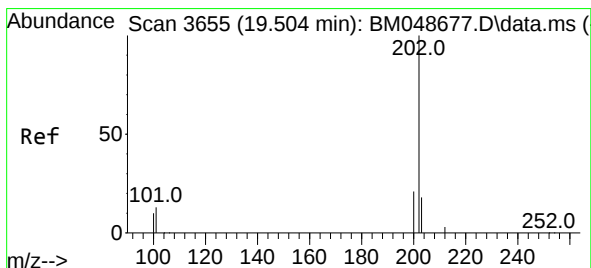
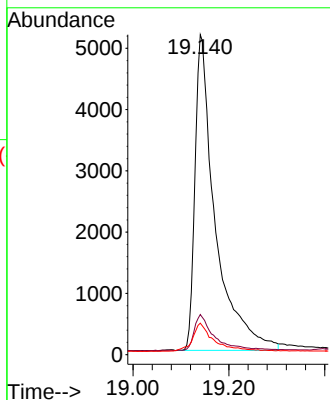
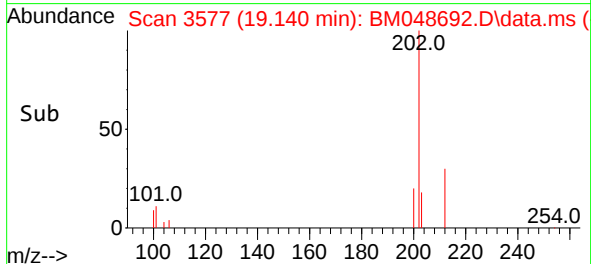
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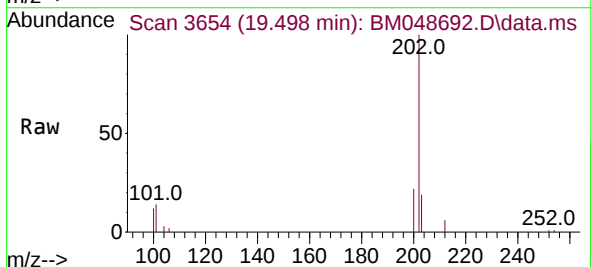
Tgt Ion:202 Resp: 15170
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 9.8 7.3 10.9

Manual Integrations
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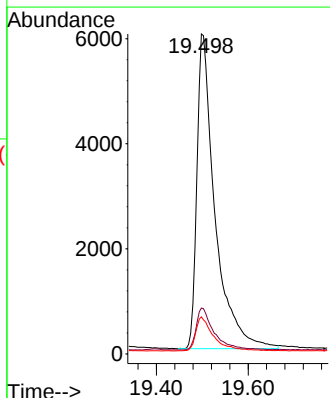
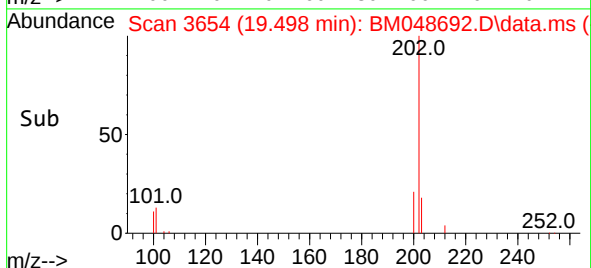
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

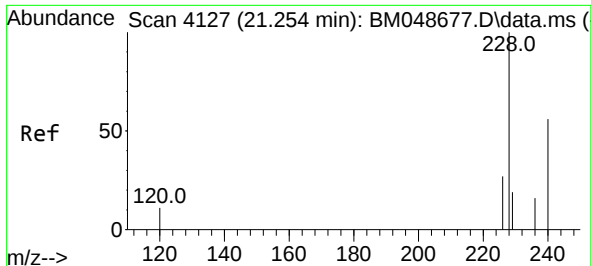


#20
Pyrene
Concen: 0.453 ng/u1
RT: 19.498 min Scan# 3654
Delta R.T. -0.006 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58



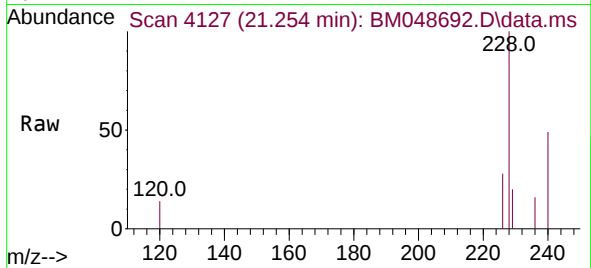
Tgt Ion:202 Resp: 16354
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.2
100 11.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.362 ng/u1
RT: 21.254 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

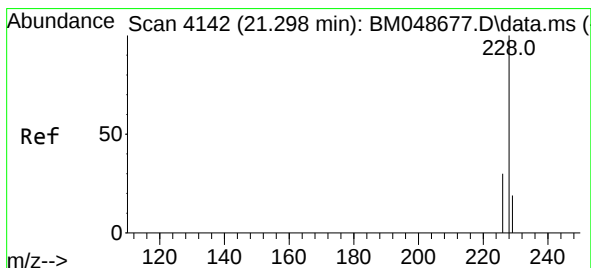
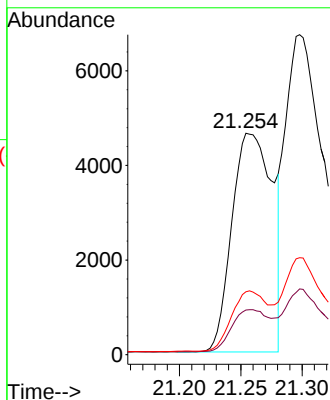
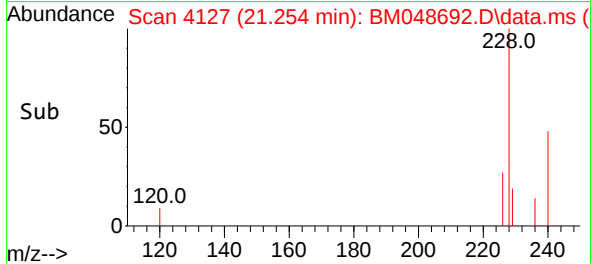
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 1064
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.4 22.1 33.1

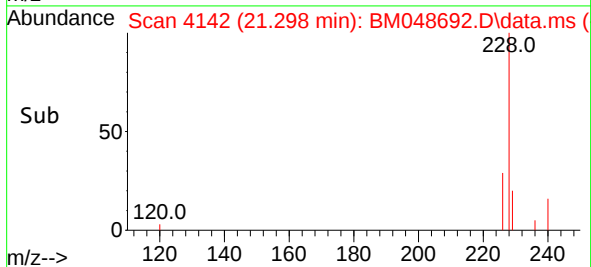
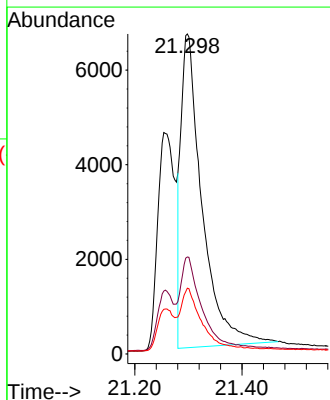
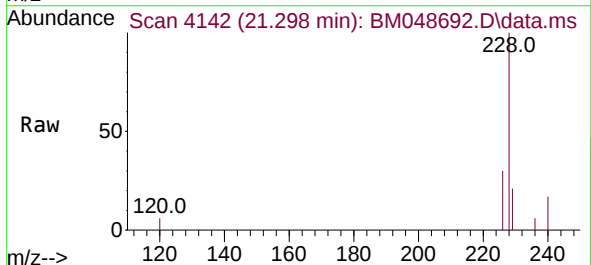
Manual Integrations
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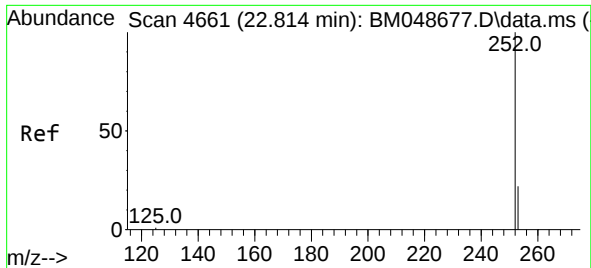
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#22
Chrysene
Concen: 0.512 ng/u1
RT: 21.298 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

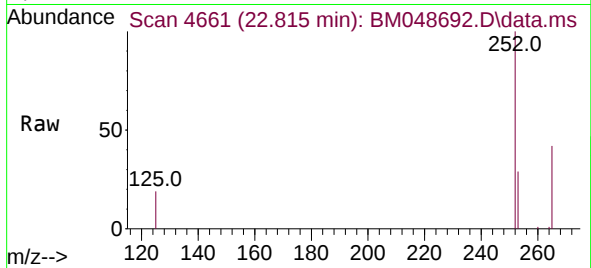
Tgt Ion:228 Resp: 18068
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.6 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.476 ng/ul
RT: 22.815 min Scan# 4661
Delta R.T. 0.000 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

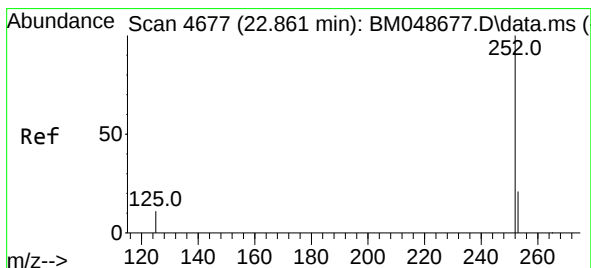
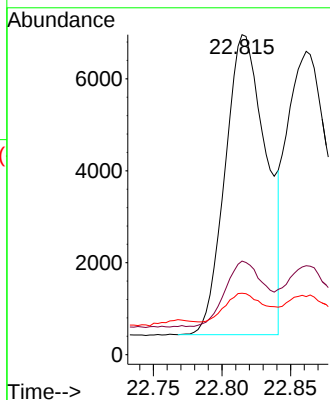
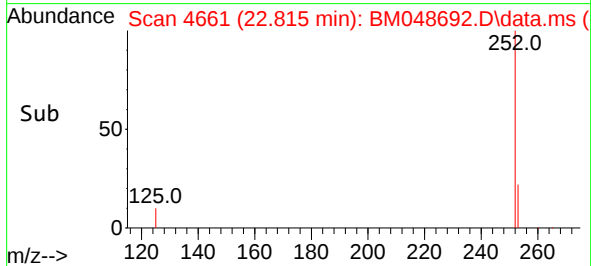
Instrument :
BNA_M
ClientSampleId :
SLCS925



Tgt Ion:252 Resp: 1357
Ion Ratio Lower Upper
252 100
253 29.2 0.0 61.6
125 19.2 0.0 43.2

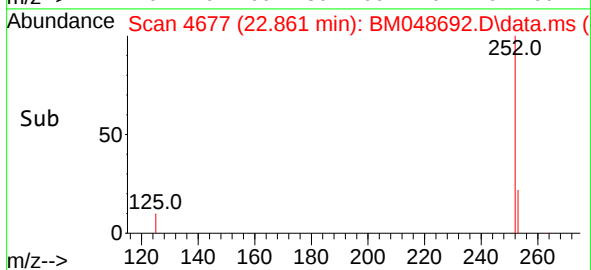
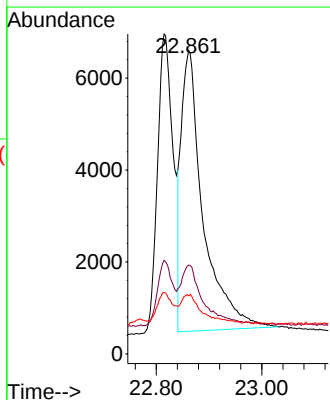
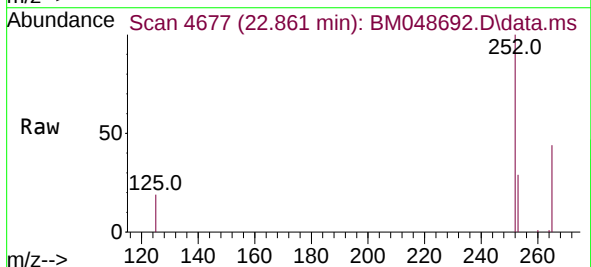
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APPROVED

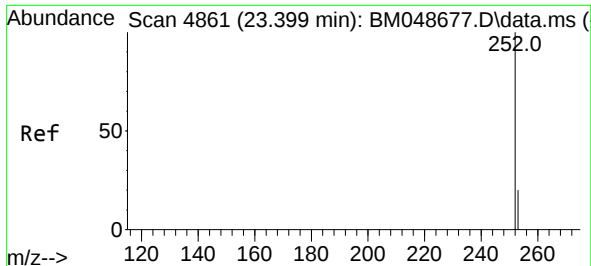
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Benzo(k)fluoranthene
Concen: 0.528 ng/ul
RT: 22.861 min Scan# 4677
Delta R.T. 0.003 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

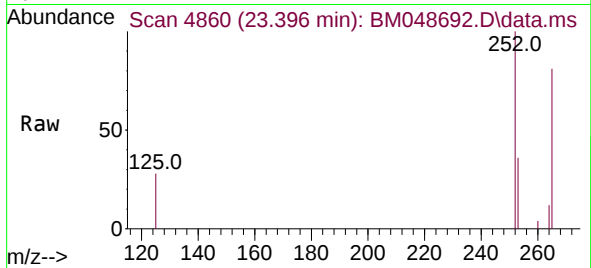
Tgt Ion:252 Resp: 17638
Ion Ratio Lower Upper
252 100
253 29.3 25.0 37.4
125 19.2 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.479 ng/ul
RT: 23.396 min Scan# 4861
Delta R.T. 0.003 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

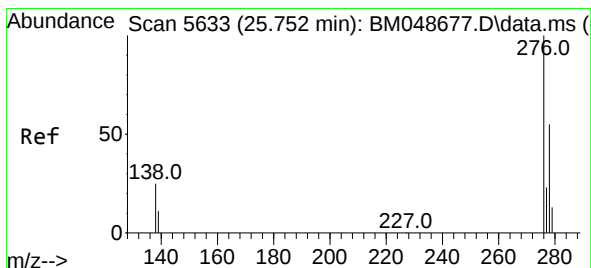
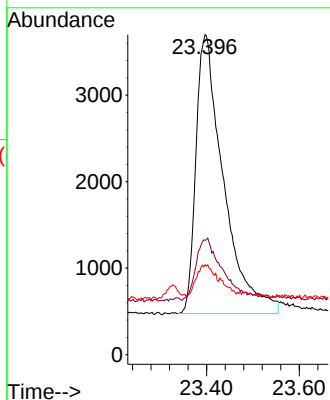
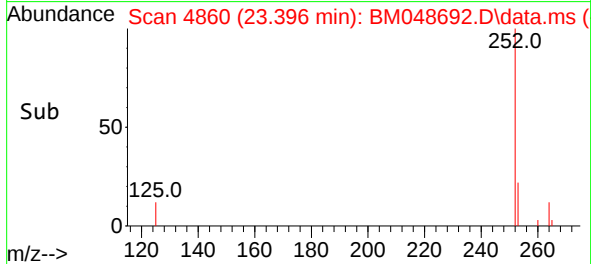
Instrument :
BNA_M
ClientSampleId :
SLCS925



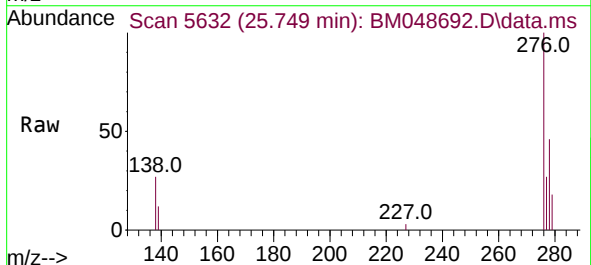
Tgt Ion:252 Resp: 13310
Ion Ratio Lower Upper
252 100
253 35.7 29.6 44.4
125 28.1 23.9 35.9

Manual Integrations
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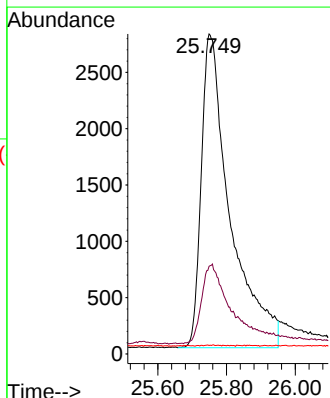
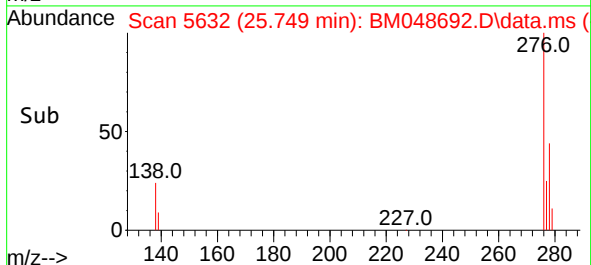
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

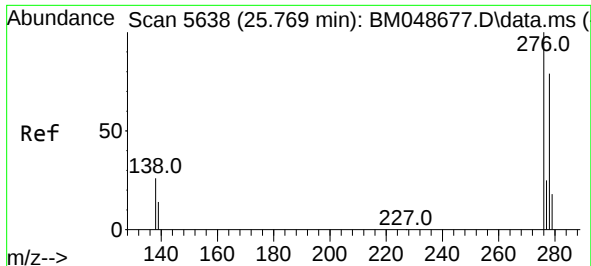


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. 0.010 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58



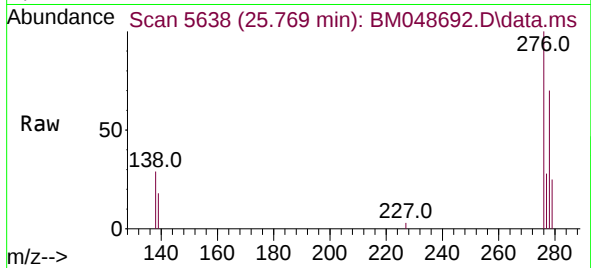
Tgt Ion:276 Resp: 16185
Ion Ratio Lower Upper
276 100
138 0.0 20.1 30.1#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 25.769 min Scan# 5638
Delta R.T. 0.010 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58

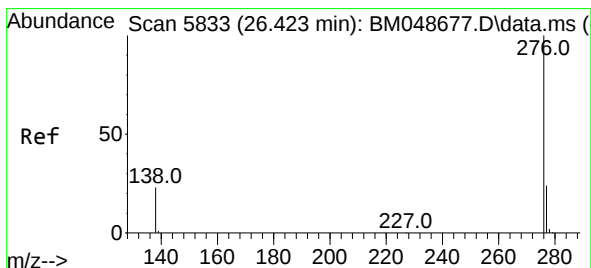
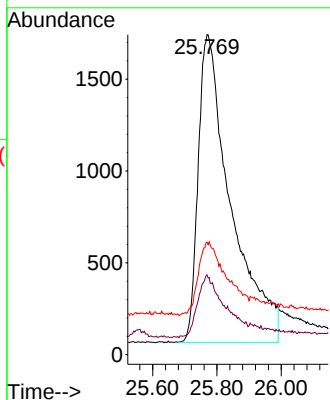
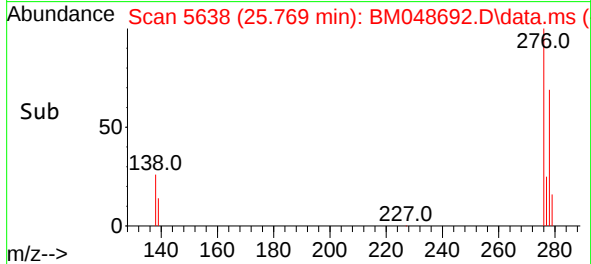
Instrument :
BNA_M
ClientSampleId :
SLCS925



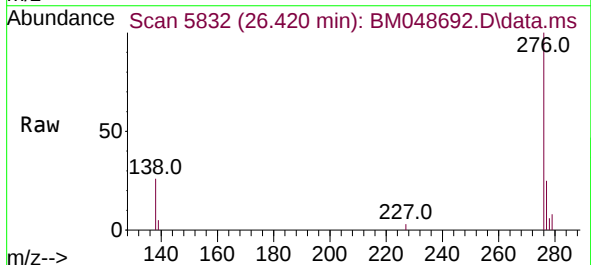
Tgt Ion: 278 Resp: 1181
Ion Ratio Lower Upper
278 100
139 25.0 17.8 26.8
279 35.2 26.6 39.8

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 11/15/2024
Supervised By : mohammad ahmed 11/15/2024



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 26.420 min Scan# 5832
Delta R.T. 0.000 min
Lab File: BM048692.D
Acq: 15 Nov 2024 02:58



Tgt Ion: 276 Resp: 14738
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.6
277 25.0 20.5 30.7

