

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048299.D
 Acq On : 29 Oct 2024 22:39
 Operator : RC/JU
 Sample : P4493-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F27

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 29 23:15:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

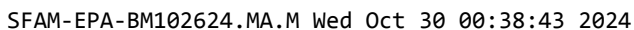
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

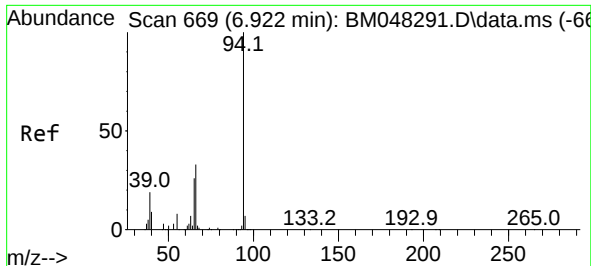
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	162953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	659013	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	382160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	733209	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	663062	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	735027	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	10184	2.460	ng/uL	0.00
4) Pyridine-d5	3.605	84	13368m	1.114	ng/u1	0.02
7) Phenol-d5	6.893	99	162437	11.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	113861	13.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	147257	12.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	108191	9.626	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	63357	11.726	ng/u1	0.00
24) 2-Nitrophenol-d4	9.592	143	66598	11.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	124386	11.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	25721m	1.734	ng/u1	0.02
46) Dimethylphthalate-d6	13.769	166	397942	13.934	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	436720	13.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	24854m	4.759	ng/u1	0.02
60) Fluorene-d10	15.351	176	351897	14.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	25782	5.321	ng/u1	0.00
73) Anthracene-d10	17.198	188	496844	14.330	ng/u1	-0.01
81) Pyrene-d10	19.492	212	551146	13.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	417280	10.763	ng/u1	-0.02
Target Compounds					Qvalue	
8) Phenol	6.922	94	25867	1.774	ng/u1	92
16) Acetophenone	8.540	105	77044	4.352	ng/u1	98
52) Acenaphthene	14.421	153	27988	1.121	ng/u1	99
61) Fluorene	15.410	166	32854	1.202	ng/u1	97
72) Phenanthrene	17.139	178	549644	13.538	ng/u1	99
74) Anthracene	17.233	178	116120	2.857	ng/u1	100
77) Carbazole	17.510	167	38632	1.083	ng/u1	98
80) Fluoranthene	19.156	202	841901	17.982	ng/u1	98
82) Pyrene	19.521	202	614780	12.247	ng/u1	98
85) Benzo(a)anthracene	21.303	228	339725	7.105	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.233	149	4935341	165.105	ng/u1	99
87) Chrysene	21.362	228	344745	7.667	ng/u1	98
90) Benzo(b)fluoranthene	23.339	252	394043	8.401	ng/u1	99
91) Benzo(k)fluoranthene	23.391	252	158895m	3.383	ng/u1	
93) Benzo(a)pyrene	24.127	252	162423	3.806	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.568	276	134942	2.626	ng/u1	99
95) Dibenzo(a,h)anthracene	27.615	278	45353	1.079	ng/u1	95

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

Manual Integrations

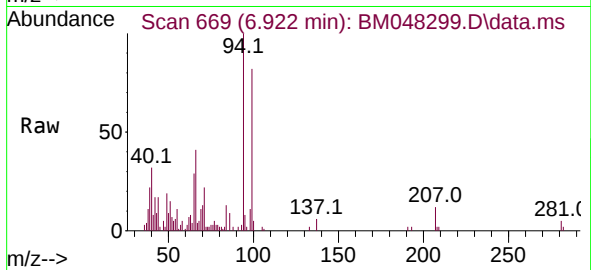
Quant Time: Oct 29 23:15:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.774 ng/ul
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

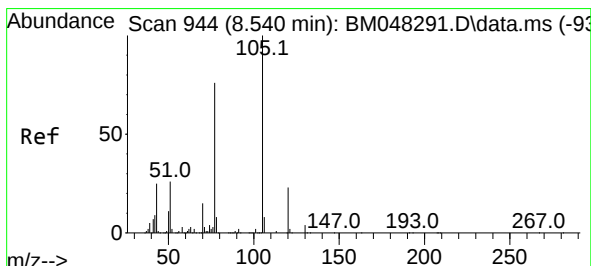
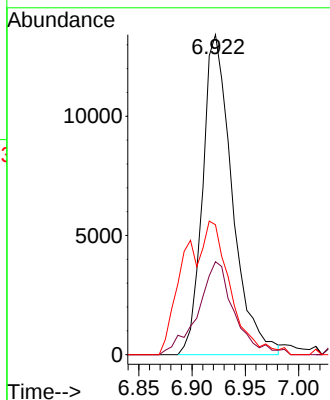
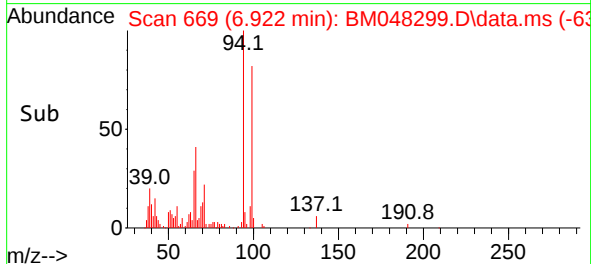
Instrument :
BNA_M
ClientSampleId :
A4F27



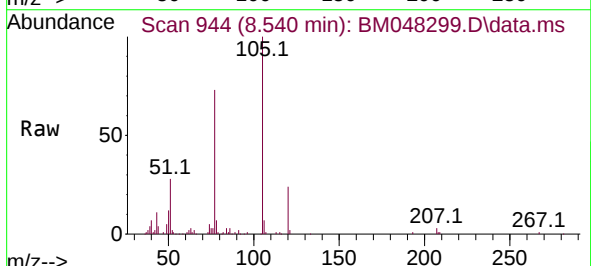
Tgt Ion: 94 Resp: 2586
Ion Ratio Lower Upper
94 100
65 29.1 21.1 31.7
66 40.6 27.6 41.4

Manual Integrations
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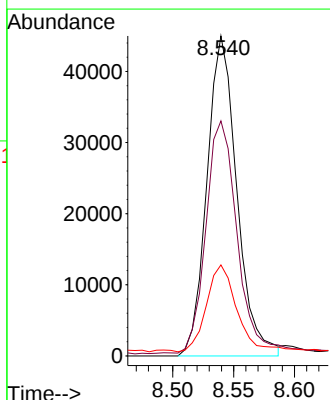
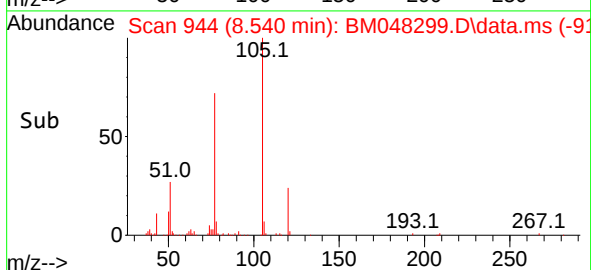
Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

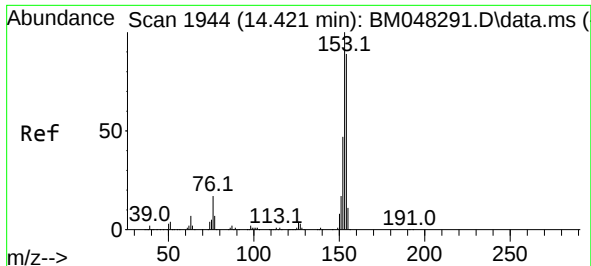


#16
Acetophenone
Concen: 4.352 ng/ul
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39



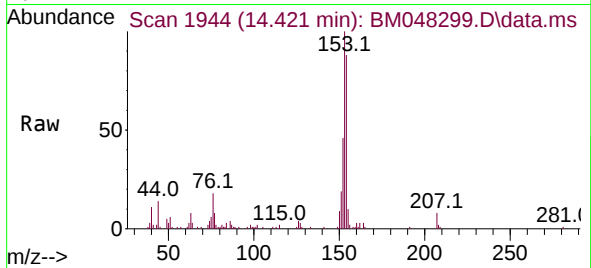
Tgt Ion:105 Resp: 77044
Ion Ratio Lower Upper
105 100
77 73.4 60.2 90.4
51 28.4 21.6 32.4





#52
Acenaphthene
Concen: 1.121 ng/ul
RT: 14.421 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

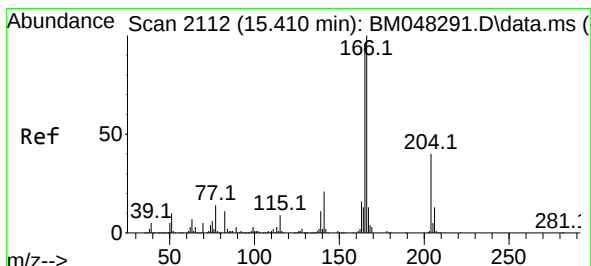
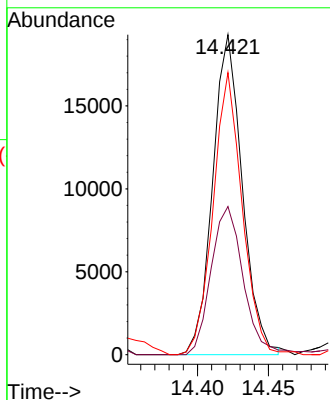
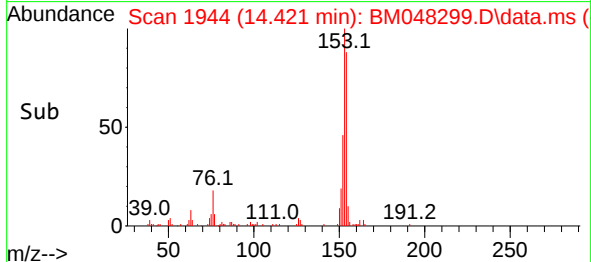
Instrument :
BNA_M
ClientSampleId :
A4F27



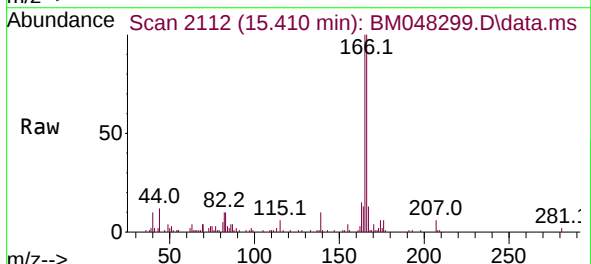
Tgt Ion:153 Resp: 2798
Ion Ratio Lower Upper
153 100
152 46.3 37.8 56.8
154 88.1 71.2 106.8

Manual Integrations
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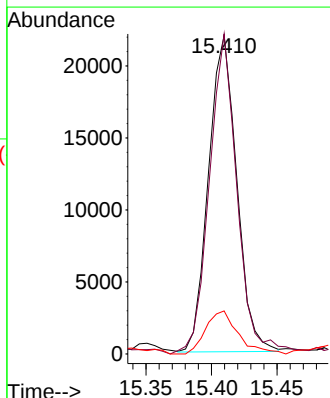
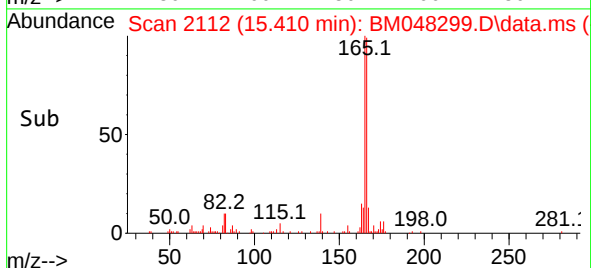
Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

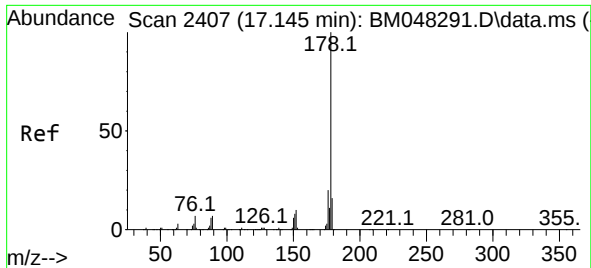


#61
Fluorene
Concen: 1.202 ng/ul
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39



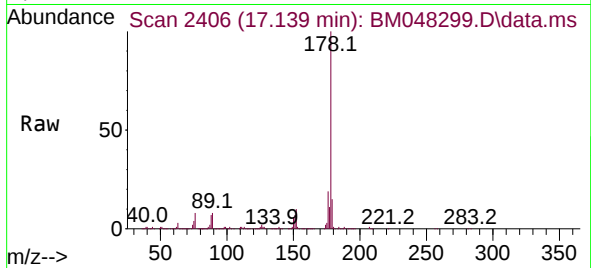
Tgt Ion:166 Resp: 32854
Ion Ratio Lower Upper
166 100
165 100.5 77.9 116.9
167 13.5 10.6 16.0





#72
Phenanthrene
Concen: 13.538 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

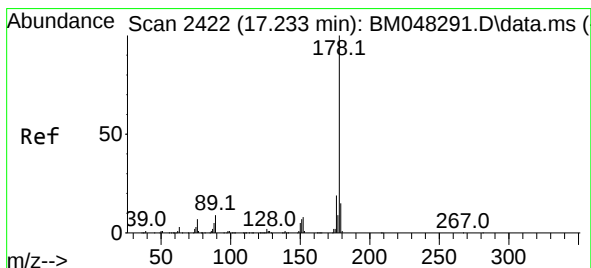
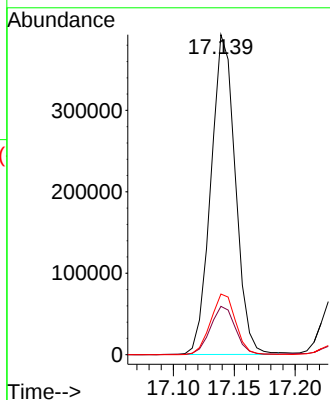
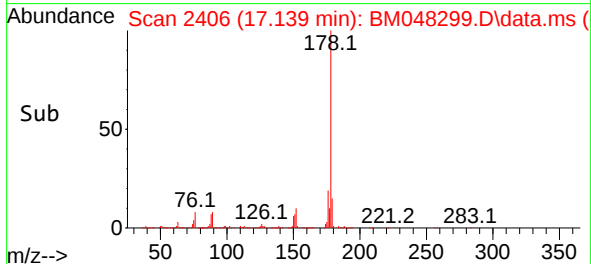
Instrument :
BNA_M
ClientSampleId :
A4F27



Tgt Ion:178 Resp: 549644
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.0 15.4 23.2

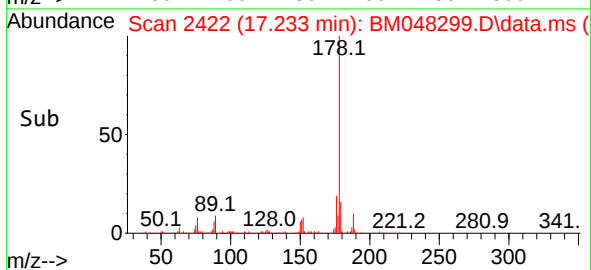
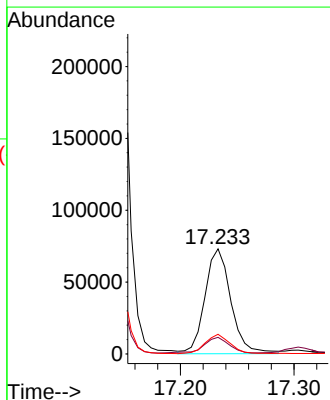
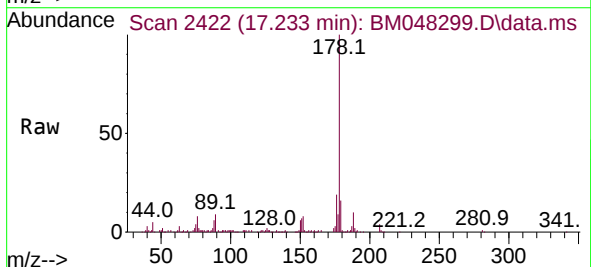
Manual Integrations
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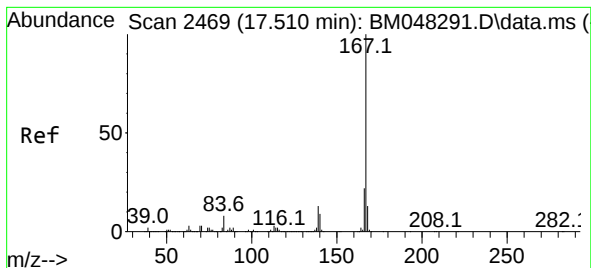
Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024



#74
Anthracene
Concen: 2.857 ng/ul
RT: 17.233 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

Tgt Ion:178 Resp: 116120
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.8 15.1 22.7





#77

Carbazole

Concen: 1.083 ng/ul

RT: 17.510 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM048299.D

Acq: 29 Oct 2024 22:39

Instrument :

BNA_M

ClientSampleId :

A4F27

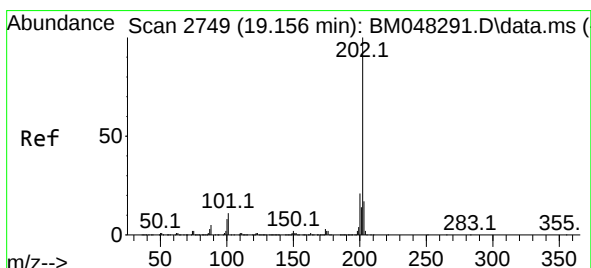
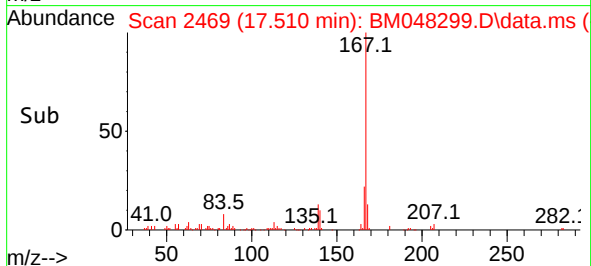
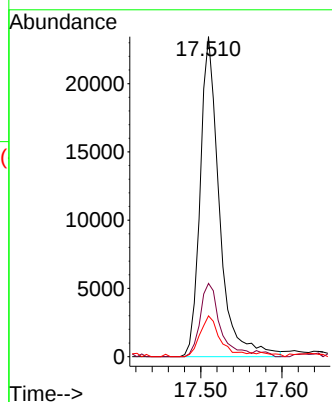
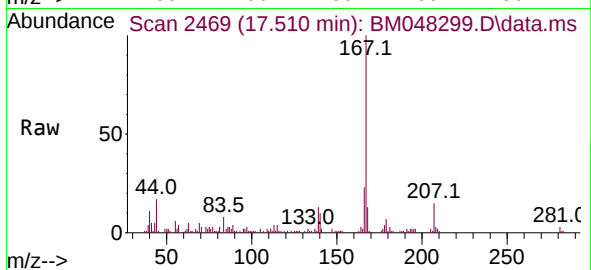
Tgt Ion:	167	Resp:	3863
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.0	25.6
139	12.8	10.1	15.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/01/2024



#80

Fluoranthene

Concen: 17.982 ng/ul

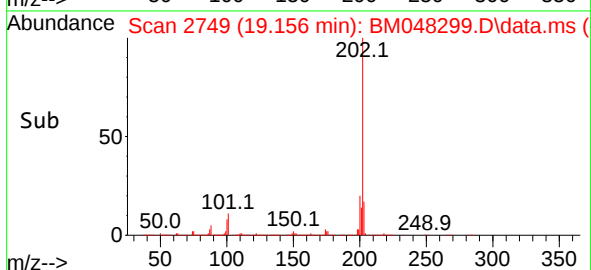
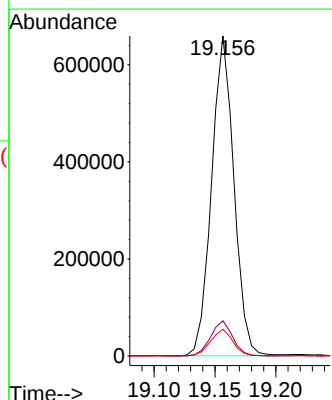
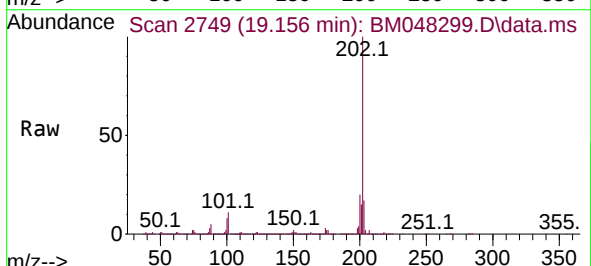
RT: 19.156 min Scan# 2749

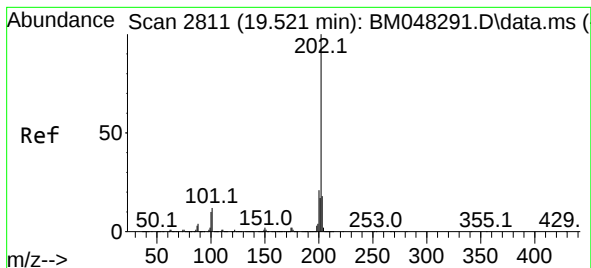
Delta R.T. -0.012 min

Lab File: BM048299.D

Acq: 29 Oct 2024 22:39

Tgt Ion:	202	Resp:	841901
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.2	12.2
100	8.3	6.5	9.7





#82

Pyrene

Concen: 12.247 ng/ul

RT: 19.521 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM048299.D

Acq: 29 Oct 2024 22:39

Instrument :

BNA_M

ClientSampleId :

A4F27

Tgt Ion:202 Resp: 614780

Ion Ratio Lower Upper

202 100

101 11.9 10.1 15.1

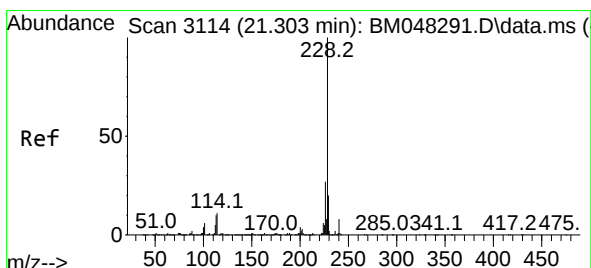
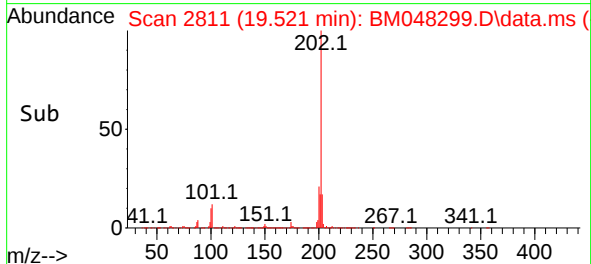
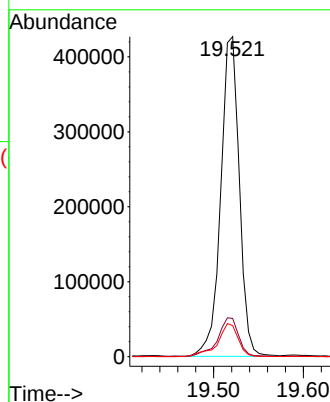
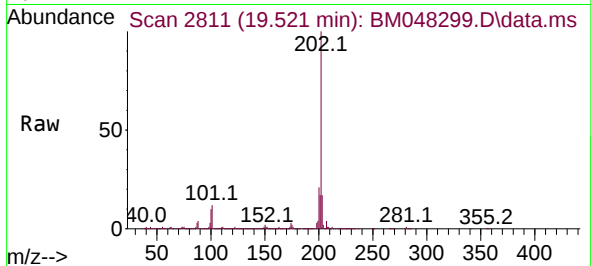
100 9.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :mohammad ahmed 11/01/2024



#85

Benzo(a)anthracene

Concen: 7.105 ng/ul

RT: 21.303 min Scan# 3114

Delta R.T. -0.012 min

Lab File: BM048299.D

Acq: 29 Oct 2024 22:39

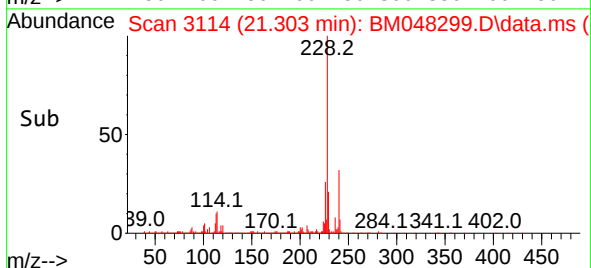
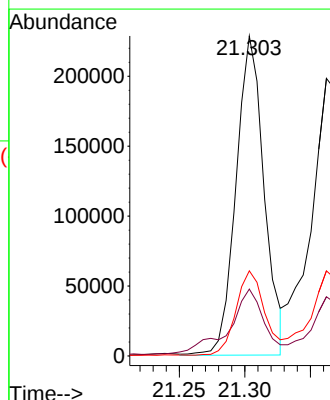
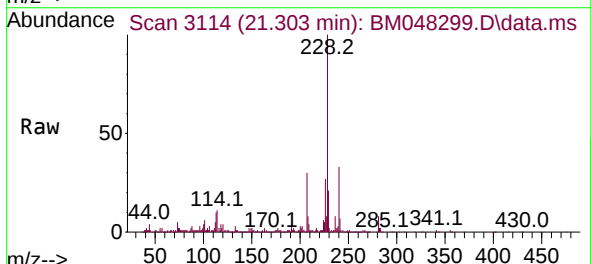
Tgt Ion:228 Resp: 339725

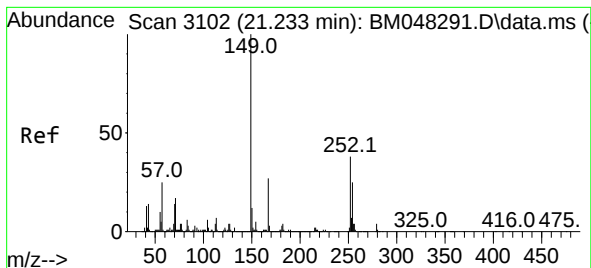
Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.2

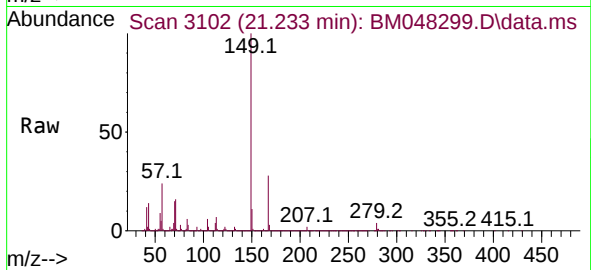
226 26.6 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 165.105 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

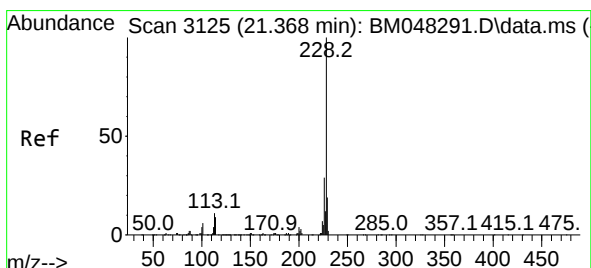
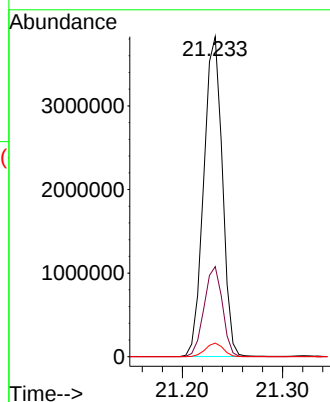
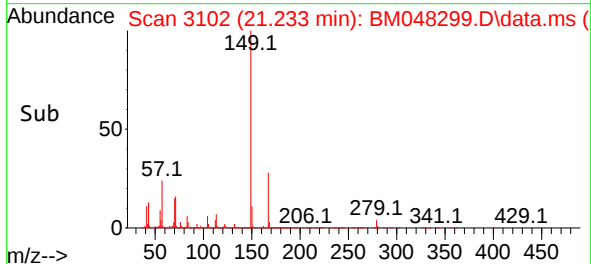
Instrument :
BNA_M
ClientSampleId :
A4F27



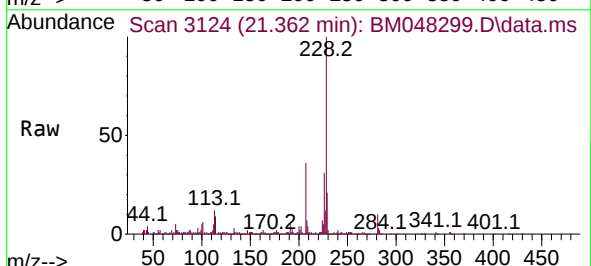
Tgt Ion:149 Resp: 493534
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.3 3.3 4.9

Manual Integrations
APPROVED

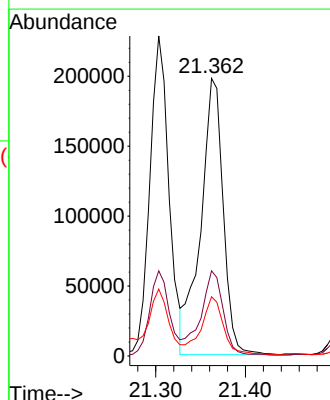
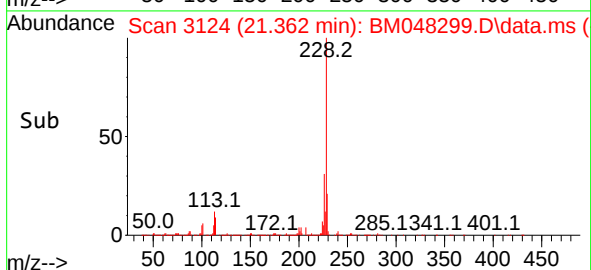
Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

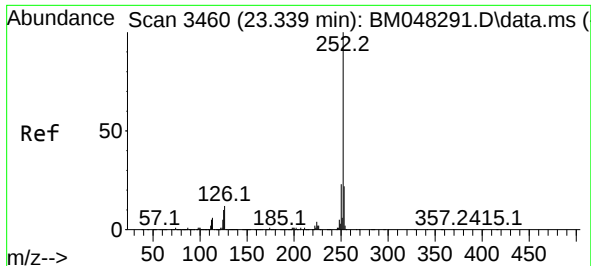


#87
Chrysene
Concen: 7.667 ng/ul
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39



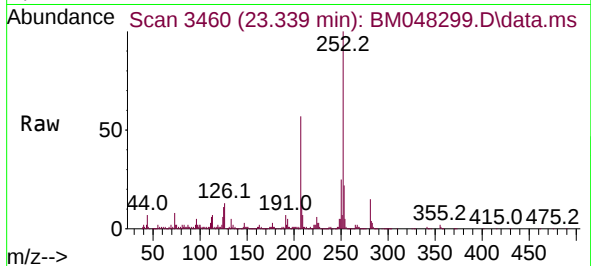
Tgt Ion:228 Resp: 344745
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.401 ng/ul
RT: 23.339 min Scan# 3460
Delta R.T. -0.012 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

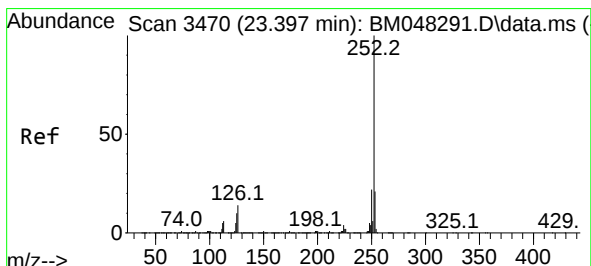
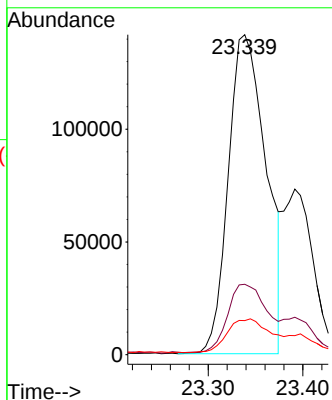
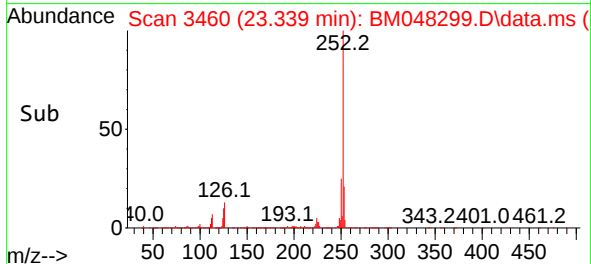
Instrument :
BNA_M
ClientSampleId :
A4F27



Tgt Ion:252 Resp: 39404
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.6 7.8 11.6

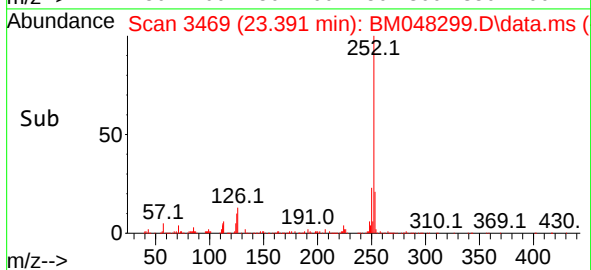
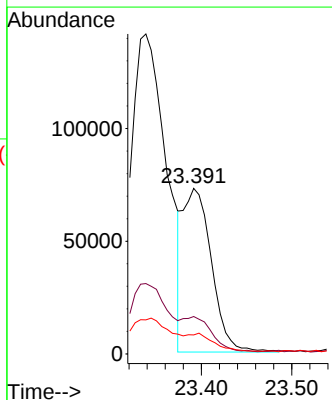
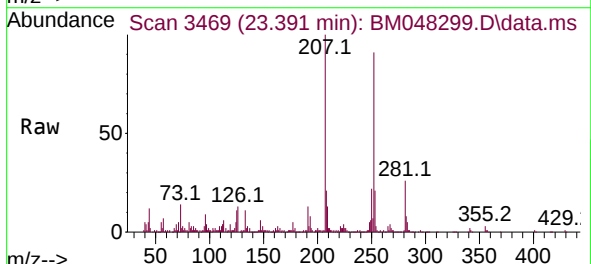
Manual Integrations
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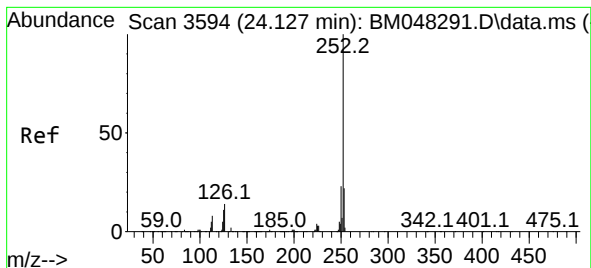
Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024



#91
Benzo(k)fluoranthene
Concen: 3.383 ng/ul m
RT: 23.391 min Scan# 3469
Delta R.T. -0.023 min
Lab File: BM048299.D
Acq: 29 Oct 2024 22:39

Tgt Ion:252 Resp: 158895
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.5 7.8 11.8





#93

Benzo(a)pyrene

Concen: 3.806 ng/ul

RT: 24.127 min Scan# 3

Delta R.T. -0.017 min

Lab File: BM048299.D

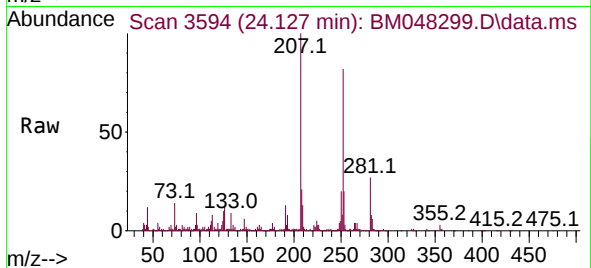
Acq: 29 Oct 2024 22:39

Instrument :

BNA_M

ClientSampleId :

A4F27



Tgt Ion:252 Resp: 16242

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.6

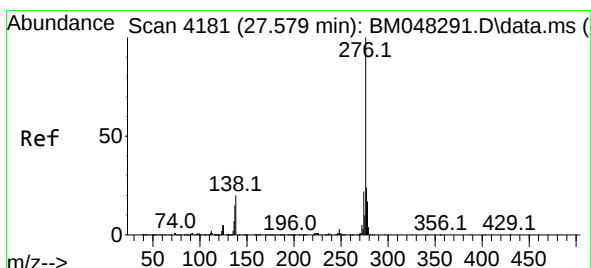
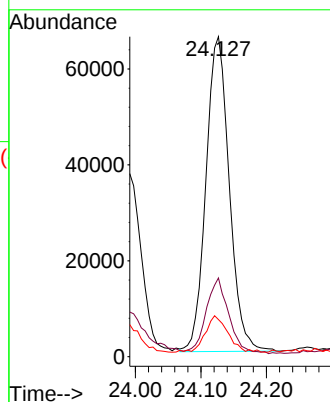
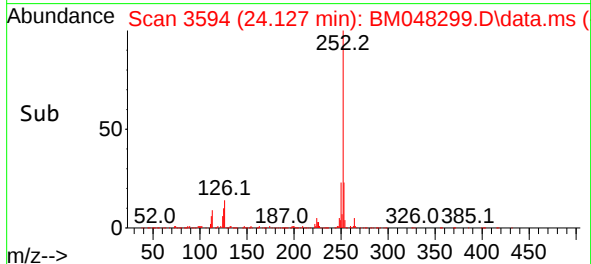
125 11.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :mohammad ahmed 11/01/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.626 ng/ul

RT: 27.568 min Scan# 4179

Delta R.T. -0.041 min

Lab File: BM048299.D

Acq: 29 Oct 2024 22:39

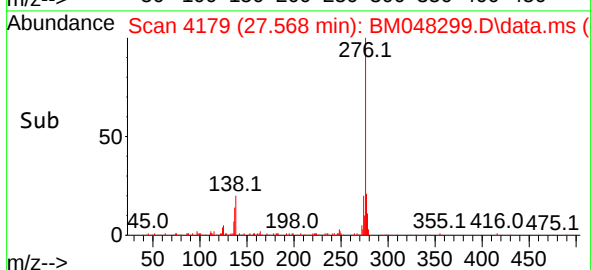
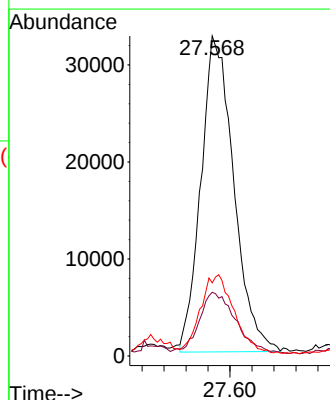
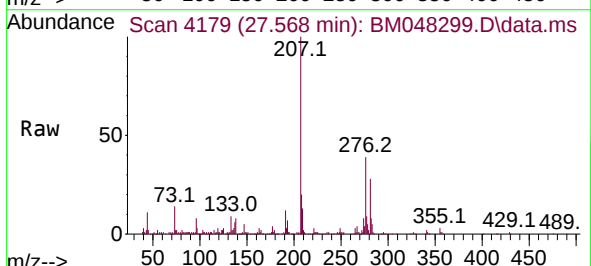
Tgt Ion:276 Resp: 134942

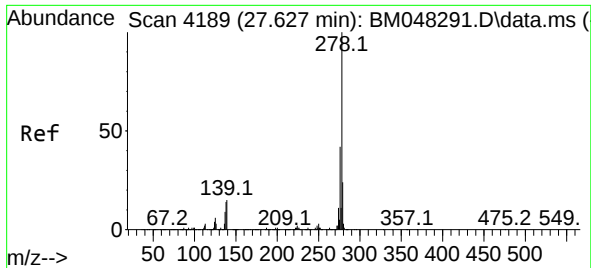
Ion Ratio Lower Upper

276 100

138 19.9 15.9 23.9

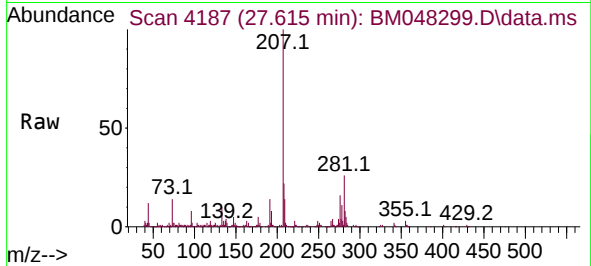
277 22.9 18.8 28.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.079 ng/ul
 RT: 27.615 min Scan# 4187
 Delta R.T. -0.041 min
 Lab File: BM048299.D
 Acq: 29 Oct 2024 22:39

Instrument :
 BNA_M
 ClientSampleId :
 A4F27



Tgt Ion:	278	Resp:	4535
Ion Ratio	Lower	Upper	
278	100		
139	14.2	12.6	18.8
279	26.8	19.0	28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 11/01/2024

