

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048728.D
 Acq On : 16 Nov 2024 04:23
 Operator : RC/JU
 Sample : P4751-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH9G3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 04:57:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	125447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	498753	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	290090	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	594680	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	600259	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	726457	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	7175	2.280	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.810	99	111657	11.692	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	77043	13.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	106857	13.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	77905	10.375	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	46072	12.745	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	48374	12.581	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	88274	12.358	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	62333m	6.144	ng/u1	0.02
46) Dimethylphthalate-d6	13.692	166	283196	15.293	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	316917	14.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	16332m	4.748	ng/u1	0.02
60) Fluorene-d10	15.274	176	247522	15.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	16161	5.402	ng/u1	0.00
73) Anthracene-d10	17.121	188	367504	14.604	ng/u1	0.00
81) Pyrene-d10	19.415	212	380140	12.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	281505	8.294	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.840	94	12107	1.208	ng/u1#	85
16) Acetophenone	8.451	105	62082	5.304	ng/u1	98
52) Acenaphthene	14.339	153	28145	1.661	ng/u1	98
61) Fluorene	15.333	166	30772	1.663	ng/u1	95
72) Phenanthrene	17.062	178	574165	19.468	ng/u1	99
74) Anthracene	17.157	178	123336	4.167	ng/u1	98
77) Carbazole	17.439	167	50750	1.904	ng/u1	96
80) Fluoranthene	19.086	202	1251786	35.813	ng/u1	99
82) Pyrene	19.445	202	769681	20.308	ng/u1	98
85) Benzo(a)anthracene	21.227	228	617500	16.319	ng/u1	98
87) Chrysene	21.292	228	603059	16.585	ng/u1	97
90) Benzo(b)fluoranthene	23.227	252	805048	20.131	ng/u1	98
91) Benzo(k)fluoranthene	23.280	252	302405	7.584	ng/u1	96
93) Benzo(a)pyrene	23.997	252	251222	6.682	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.368	276	242394	4.961	ng/u1	96
95) Dibenzo(a,h)anthracene	27.403	278	99209	2.486	ng/u1#	85

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

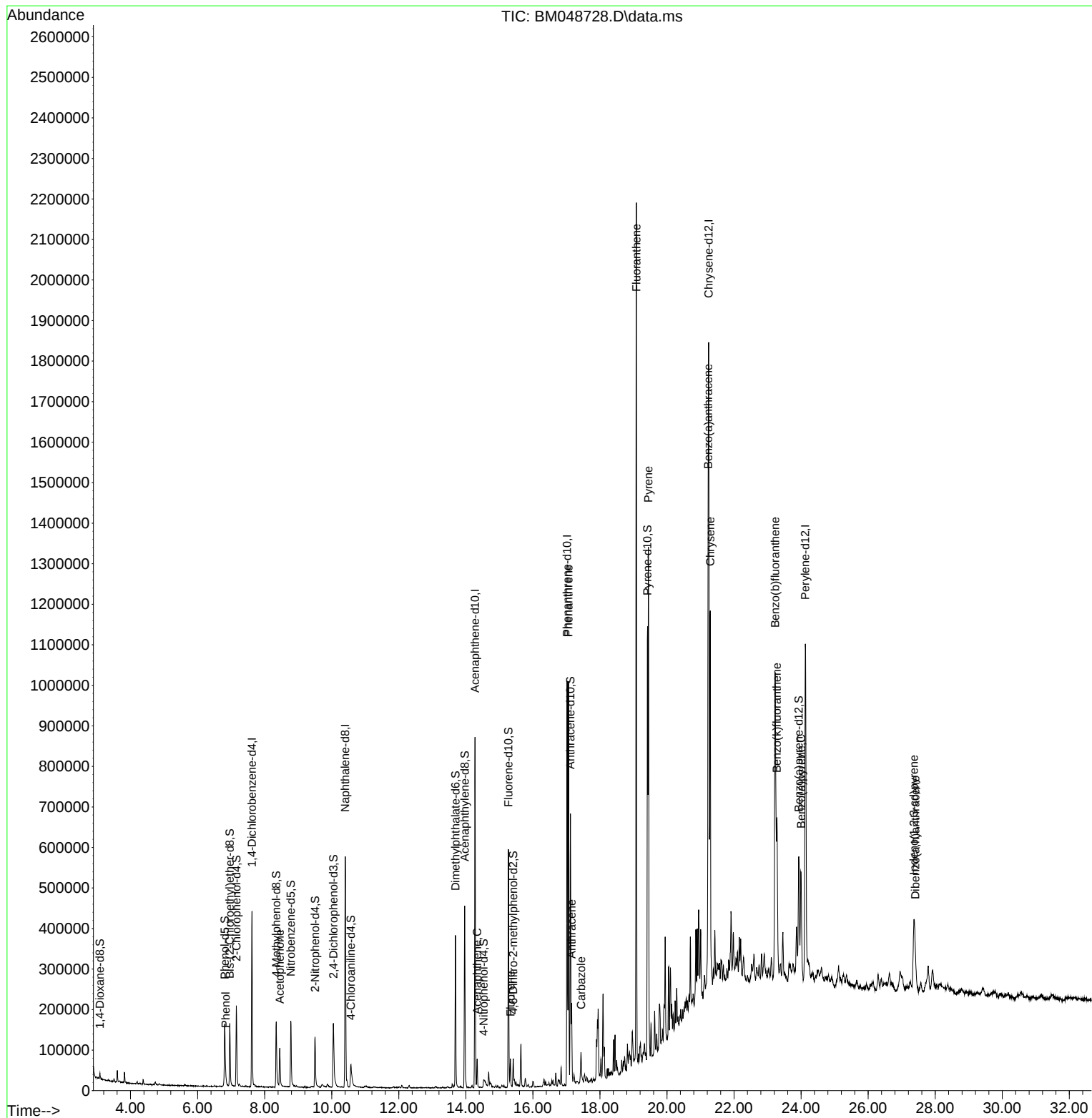
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048728.D
Acq On : 16 Nov 2024 04:23
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Misc :
ALS Vial : 21 Sample Multiplier: 1

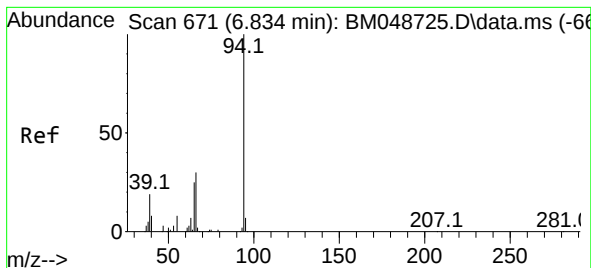
Instrument :
BNA_M
ClientSampleId :
BH9G3

Quant Time: Nov 16 04:57:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
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#8

Phenol

Concen: 1.208 ng/ul

RT: 6.840 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Instrument :

BNA_M

ClientSampleId :

BH9G3

Tgt Ion: 94 Resp: 1210

Ion Ratio Lower Upper

94 100

65 27.1 20.8 31.2

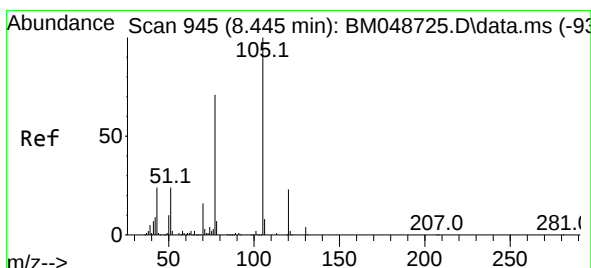
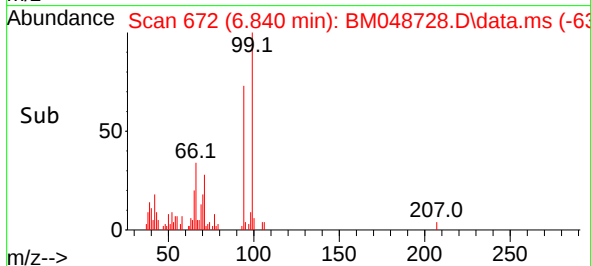
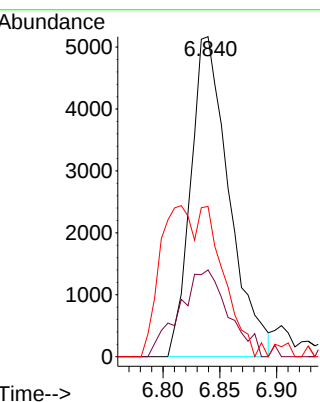
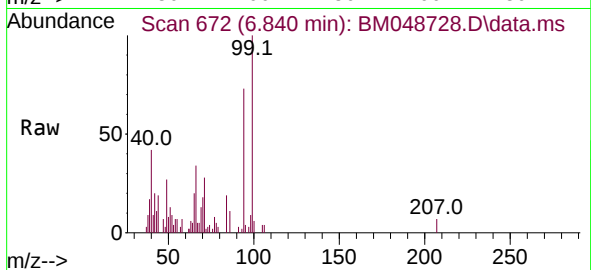
66 46.9 26.1 39.1

Manual Integrations

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Supervised By :mohammad ahmed 11/18/2024



#16

Acetophenone

Concen: 5.304 ng/ul

RT: 8.451 min Scan# 946

Delta R.T. 0.006 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

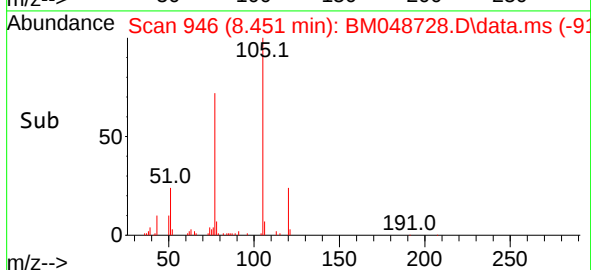
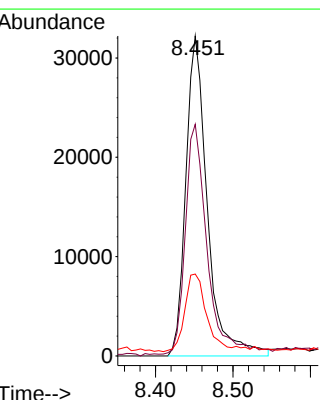
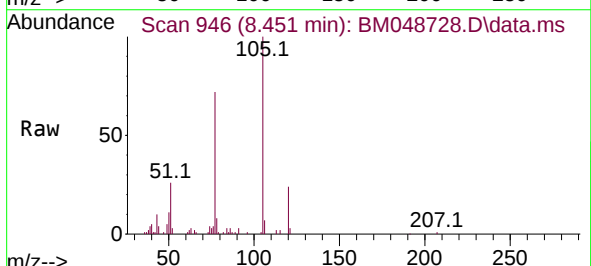
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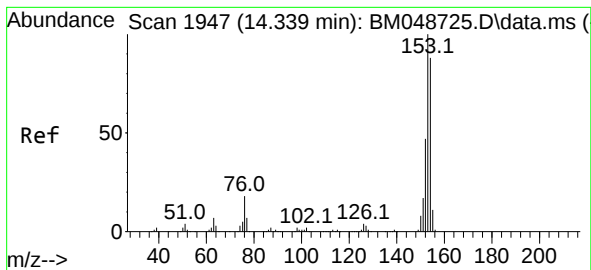
Ion Ratio Lower Upper

105 100

77 72.4 59.7 89.5

51 25.6 20.6 31.0





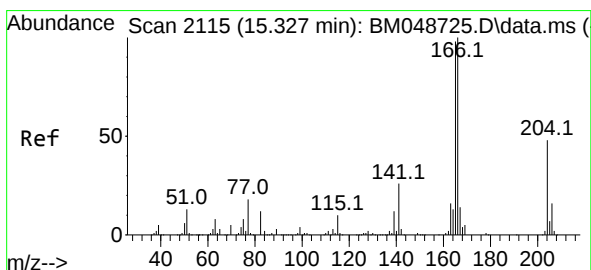
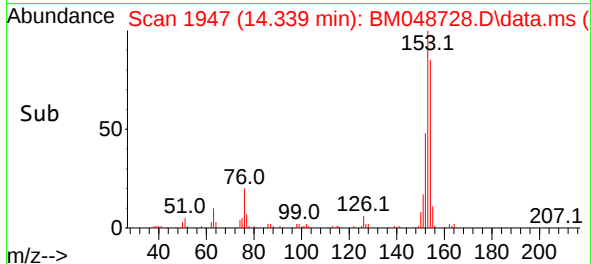
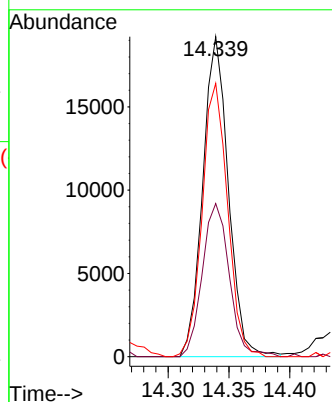
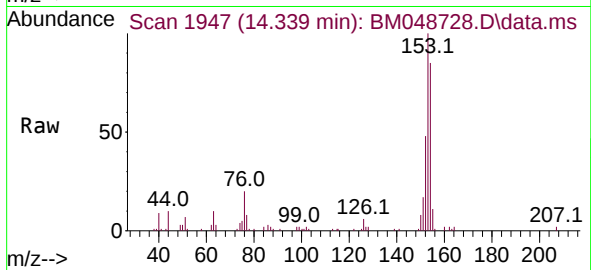
#52
Acenaphthene
Concen: 1.661 ng/ul
RT: 14.339 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

Instrument :
BNA_M
ClientSampleId :
BH9G3

Tgt Ion:153 Resp: 2814
Ion Ratio Lower Upper
153 100
152 47.8 38.3 57.5
154 85.4 71.1 106.7

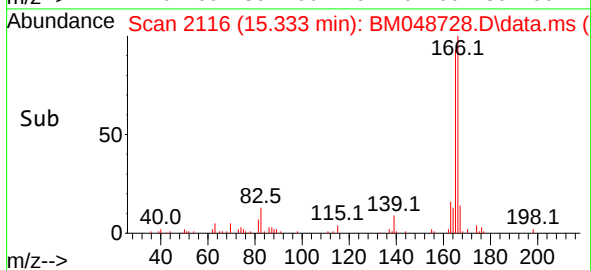
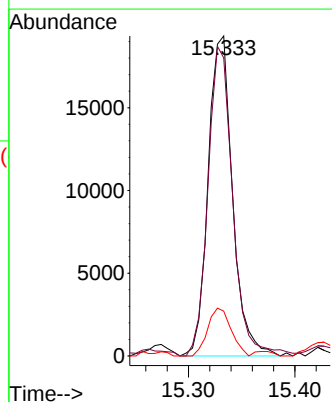
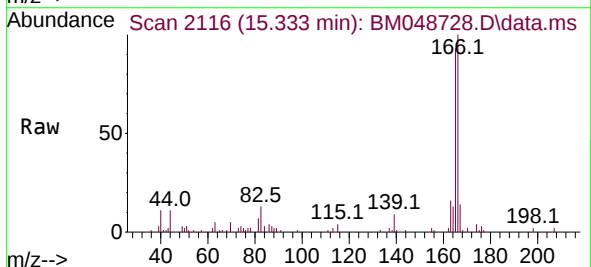
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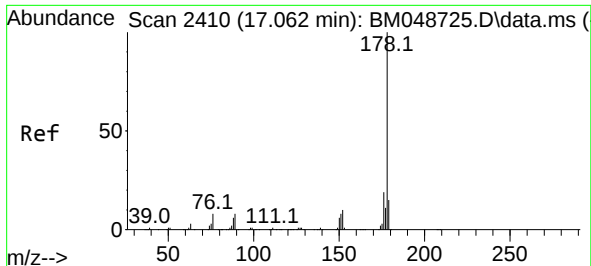
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#61
Fluorene
Concen: 1.663 ng/ul
RT: 15.333 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

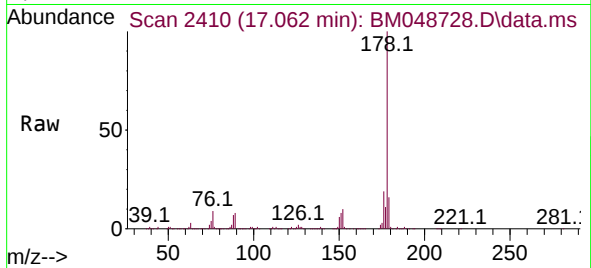
Tgt Ion:166 Resp: 30772
Ion Ratio Lower Upper
166 100
165 93.1 78.7 118.1
167 14.0 11.0 16.6





#72
Phenanthrene
Concen: 19.468 ng/u1
RT: 17.062 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

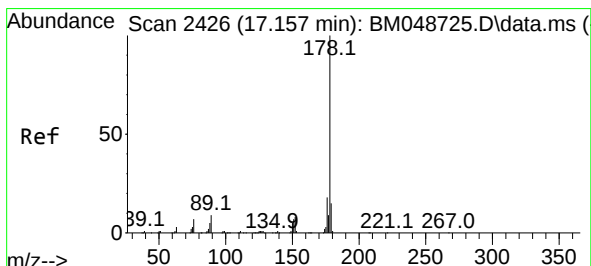
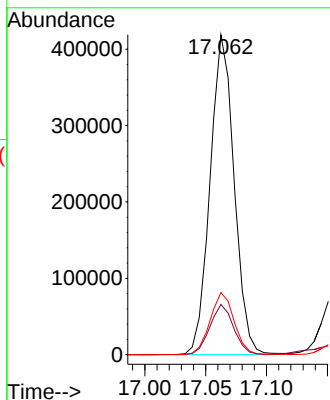
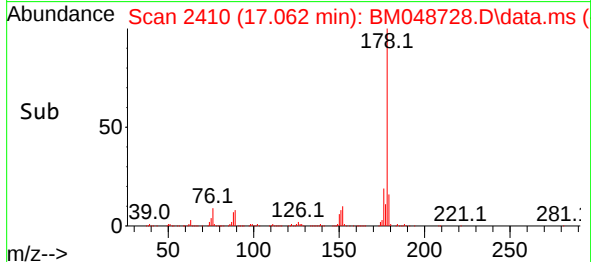
Instrument :
BNA_M
ClientSampleId :
BH9G3



Tgt Ion:178 Resp: 57416
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.4 15.1 22.7

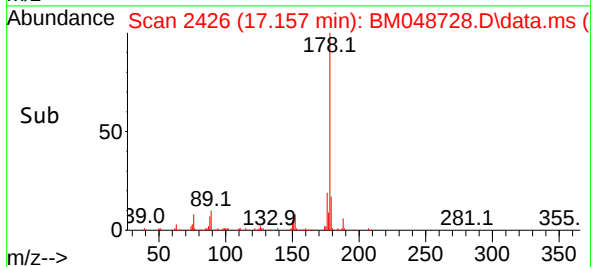
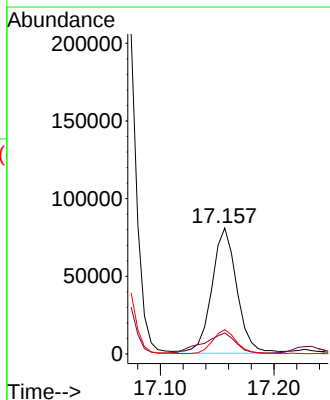
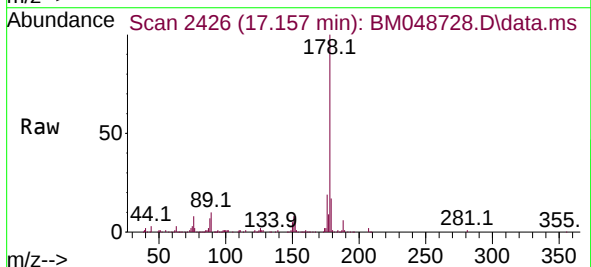
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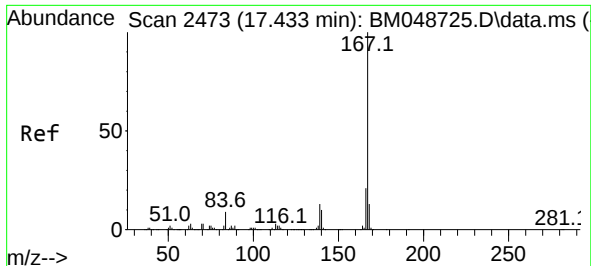
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#74
Anthracene
Concen: 4.167 ng/u1
RT: 17.157 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

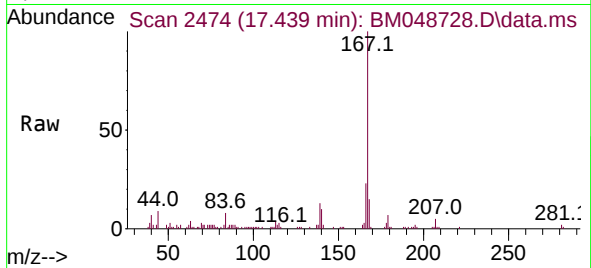
Tgt Ion:178 Resp: 123336
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 19.3 15.0 22.4





#77
 Carbazole
 Concen: 1.904 ng/ul
 RT: 17.439 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BM048728.D
 Acq: 16 Nov 2024 04:23

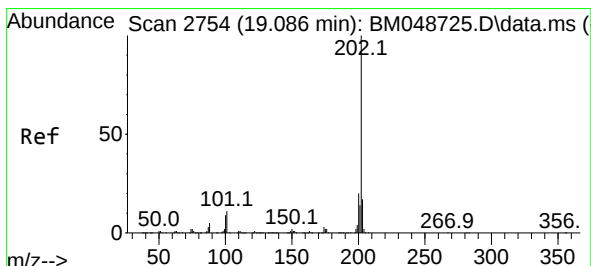
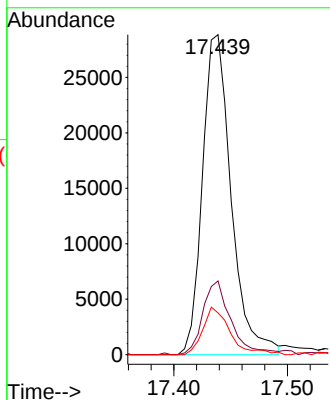
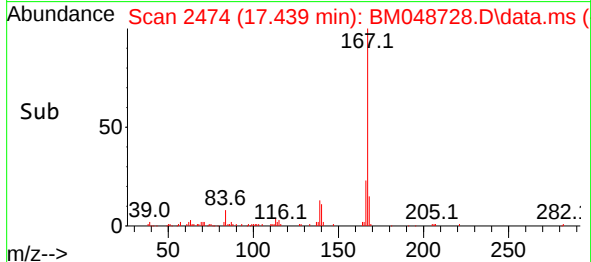
Instrument :
 BNA_M
 ClientSampleId :
 BH9G3



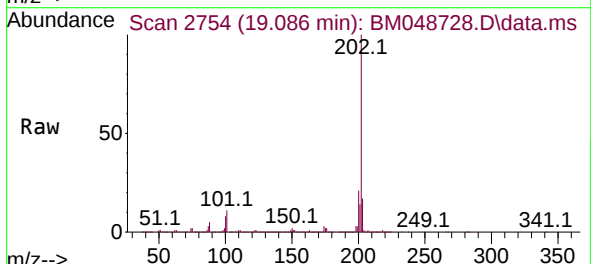
Tgt Ion:167 Resp: 50750
 Ion Ratio Lower Upper
 167 100
 166 23.1 16.4 24.6
 139 13.1 10.3 15.5

Manual Integrations
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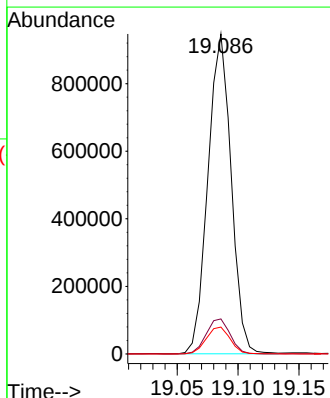
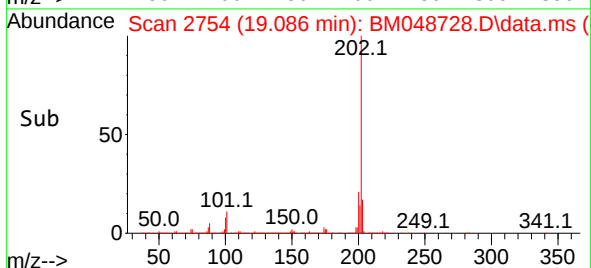
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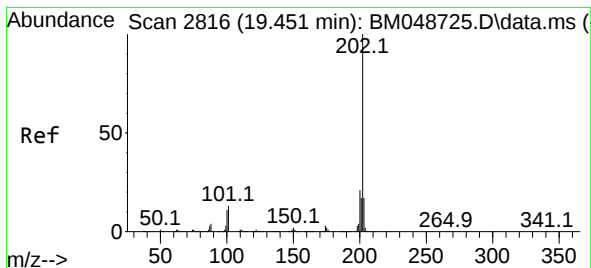


#80
 Fluoranthene
 Concen: 35.813 ng/ul
 RT: 19.086 min Scan# 2754
 Delta R.T. 0.000 min
 Lab File: BM048728.D
 Acq: 16 Nov 2024 04:23



Tgt Ion:202 Resp: 1251786
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.5 12.7
 100 8.4 7.0 10.4





#82

Pyrene

Concen: 20.308 ng/ul

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Instrument :

BNA_M

ClientSampleId :

BH9G3

Tgt Ion:202 Resp: 76968

Ion Ratio Lower Upper

202 100

101 14.3 10.6 15.8

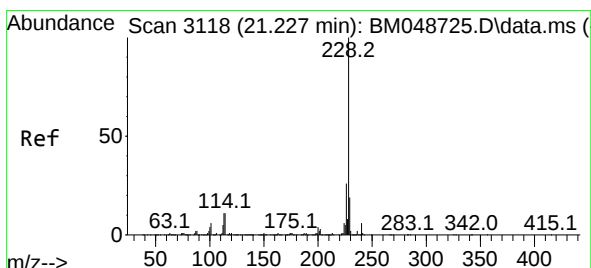
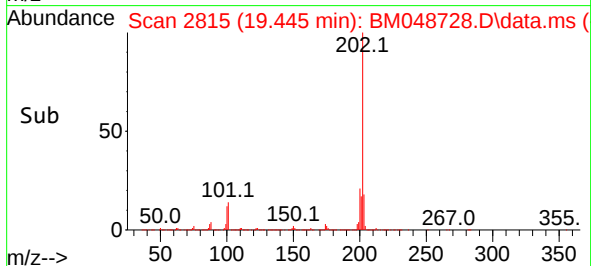
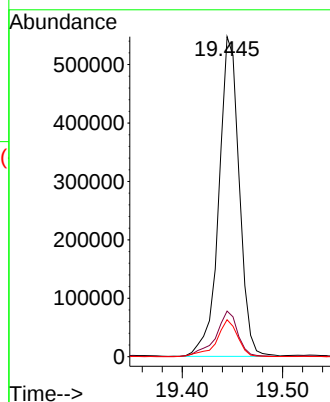
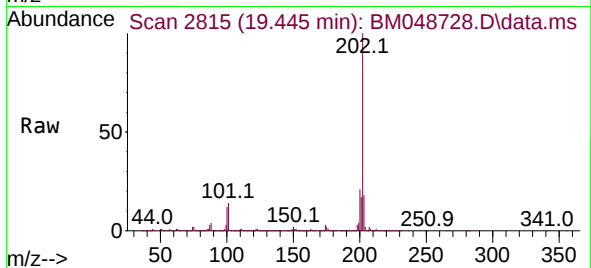
100 11.5 8.9 13.3

Manual Integrations

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Supervised By :mohammad ahmed 11/18/2024



#85

Benzo(a)anthracene

Concen: 16.319 ng/ul

RT: 21.227 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

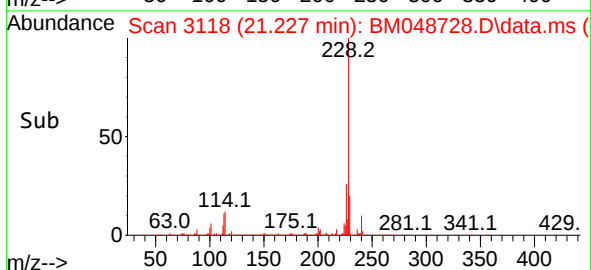
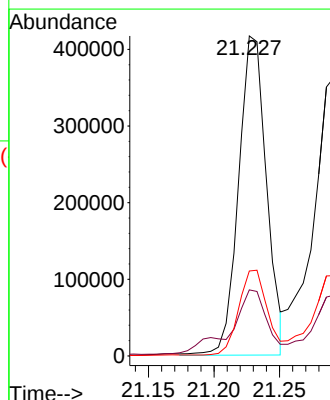
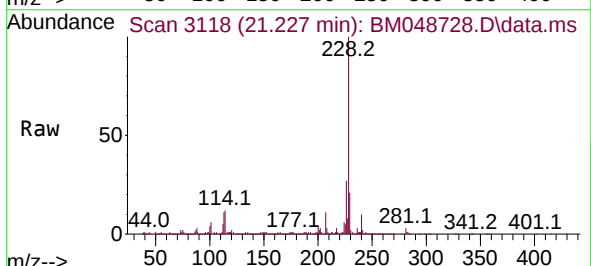
Tgt Ion:228 Resp: 617500

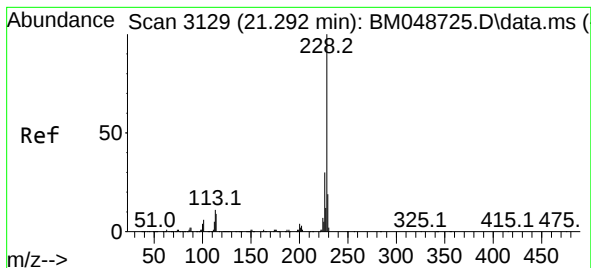
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 26.5 21.7 32.5





#87

Chrysene

Concen: 16.585 ng/ul

RT: 21.292 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Instrument :

BNA_M

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BH9G3

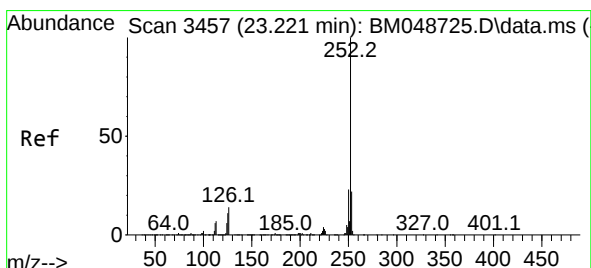
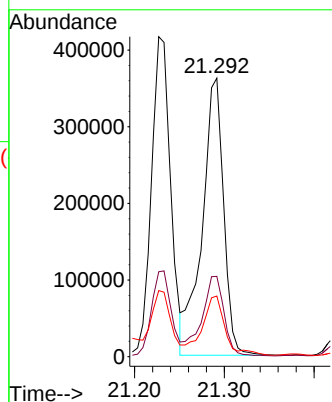
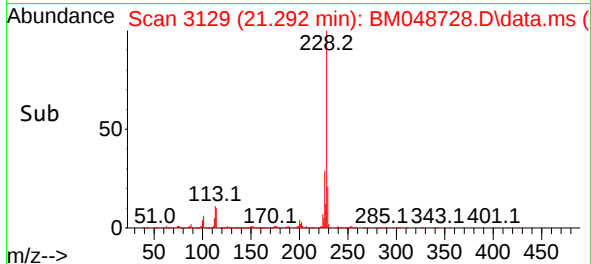
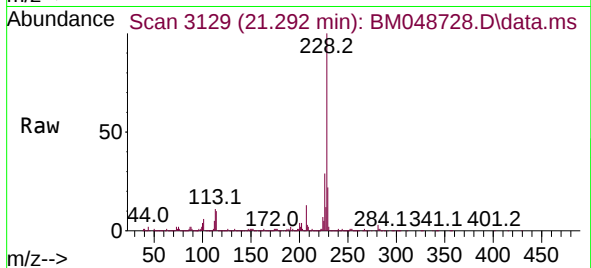
Tgt Ion:	228	Resp:	603059
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.2
229	21.8	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 11/18/2024



#90

Benzo(b)fluoranthene

Concen: 20.131 ng/ul

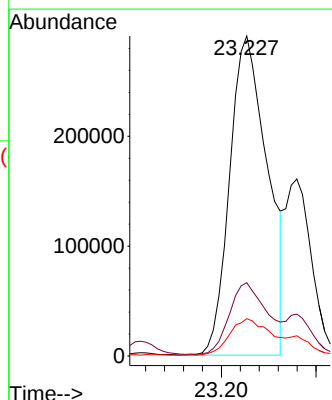
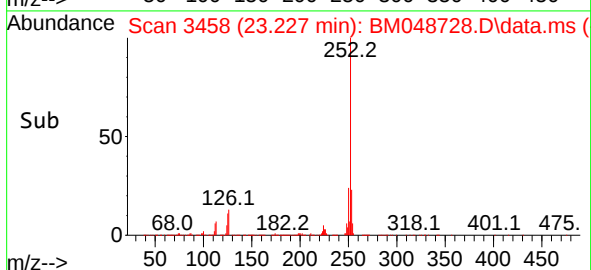
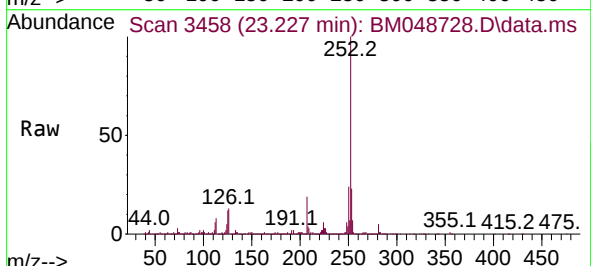
RT: 23.227 min Scan# 3458

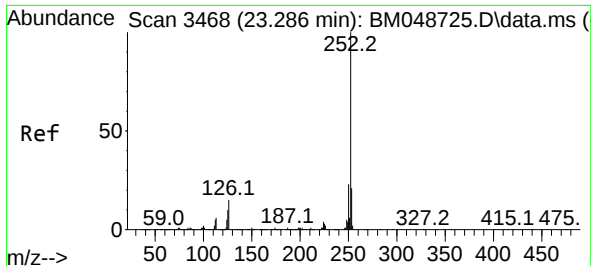
Delta R.T. 0.000 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Tgt Ion:	252	Resp:	805048
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	11.7	8.7	13.1





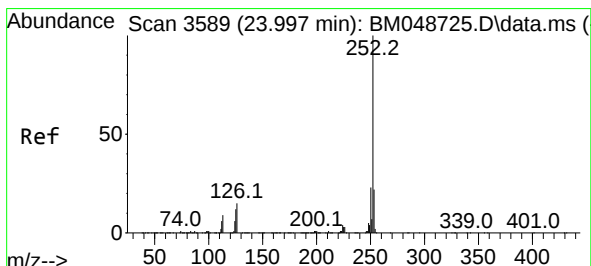
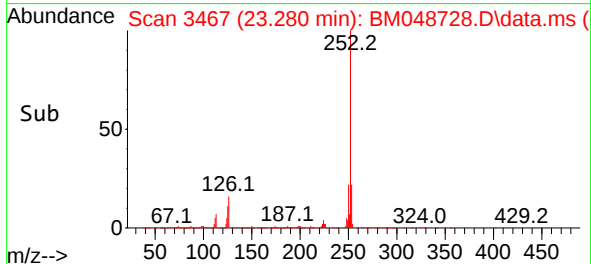
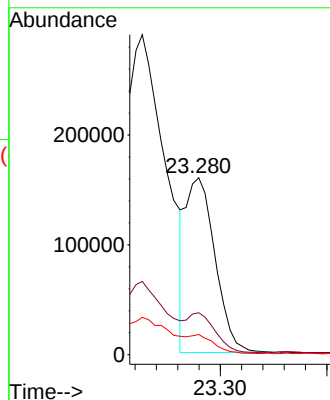
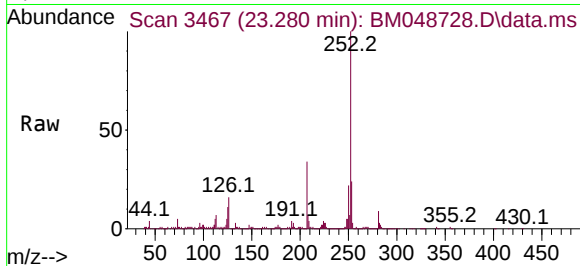
#91
Benzo(k)fluoranthene
Concen: 7.584 ng/u1
RT: 23.280 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

Instrument :
BNA_M
ClientSampleId :
BH9G3

Tgt Ion:252 Resp: 302400
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.4 8.0 12.0

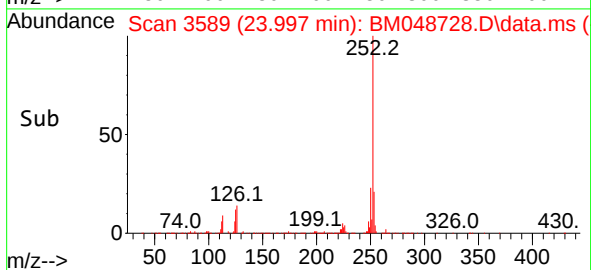
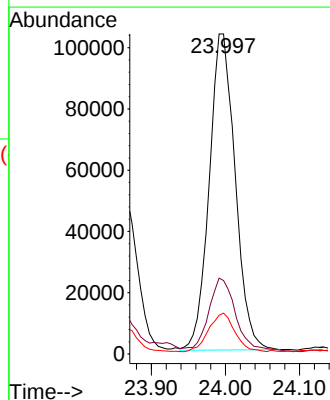
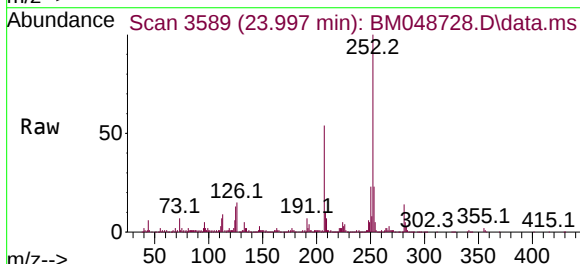
Manual Integrations
APPROVED

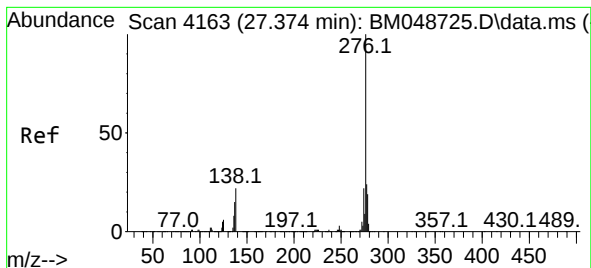
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#93
Benzo(a)pyrene
Concen: 6.682 ng/u1
RT: 23.997 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM048728.D
Acq: 16 Nov 2024 04:23

Tgt Ion:252 Resp: 251222
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.7 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.961 ng/ul

RT: 27.368 min Scan# 4162

Delta R.T. -0.006 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Instrument :

BNA_M

ClientSampleId :

BH9G3

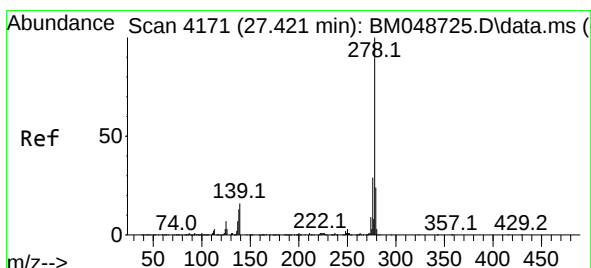
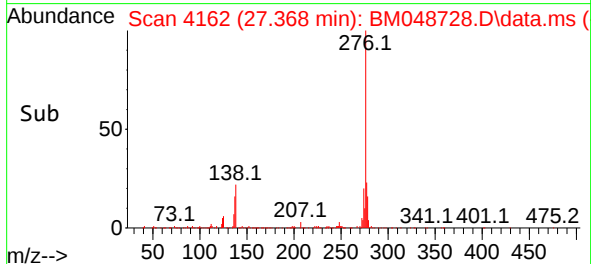
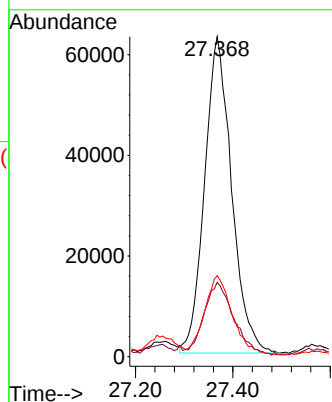
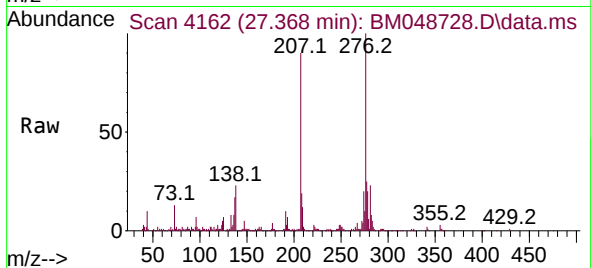
Tgt Ion:	276	Resp:	242394
Ion Ratio	Lower	Upper	
276	100		
138	23.3	16.2	24.2
277	25.3	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.486 ng/ul

RT: 27.403 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BM048728.D

Acq: 16 Nov 2024 04:23

Tgt Ion:	278	Resp:	99209
Ion Ratio	Lower	Upper	
278	100		
139	18.5	12.6	18.8
279	33.7	19.0	28.6

