

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048039.D
 Acq On : 14 Oct 2024 22:11
 Operator : RC/JU
 Sample : P4238-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 23:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	289992	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1142545	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.422	164	695564	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1430987	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1467374	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1738962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15609	1.739	ng/uL	0.00
4) Pyridine-d5	3.669	84	16777m	0.639	ng/u1	0.01
7) Phenol-d5	6.957	99	258573	9.430	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	156490m	8.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	224868	11.271	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	182749	8.964	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	101230	11.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	110516	12.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	195466	11.224	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	196551	7.300	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	556394	11.033	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	671735	11.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	70227m	6.994	ng/u1	0.01
60) Fluorene-d10	15.410	176	504336	11.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	45571	5.442	ng/u1	0.00
73) Anthracene-d10	17.257	188	787386	11.190	ng/u1	0.00
81) Pyrene-d10	19.545	212	921774	11.068	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	796160	8.824	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	619949	7.388	ng/u1	99
74) Anthracene	17.292	178	142377	1.663	ng/u1	99
80) Fluoranthene	19.215	202	811124	8.270	ng/u1	98
82) Pyrene	19.574	202	737807	6.758	ng/u1	96
85) Benzo(a)anthracene	21.368	228	407255	3.964	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	83085	1.434	ng/u1	99
87) Chrysene	21.427	228	405515	4.049	ng/u1	96
90) Benzo(b)fluoranthene	23.433	252	471363	4.347	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	169116m	1.525	ng/u1	
93) Benzo(a)pyrene	24.239	252	220488	2.141	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.750	276	170812	1.294	ng/u1	98

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

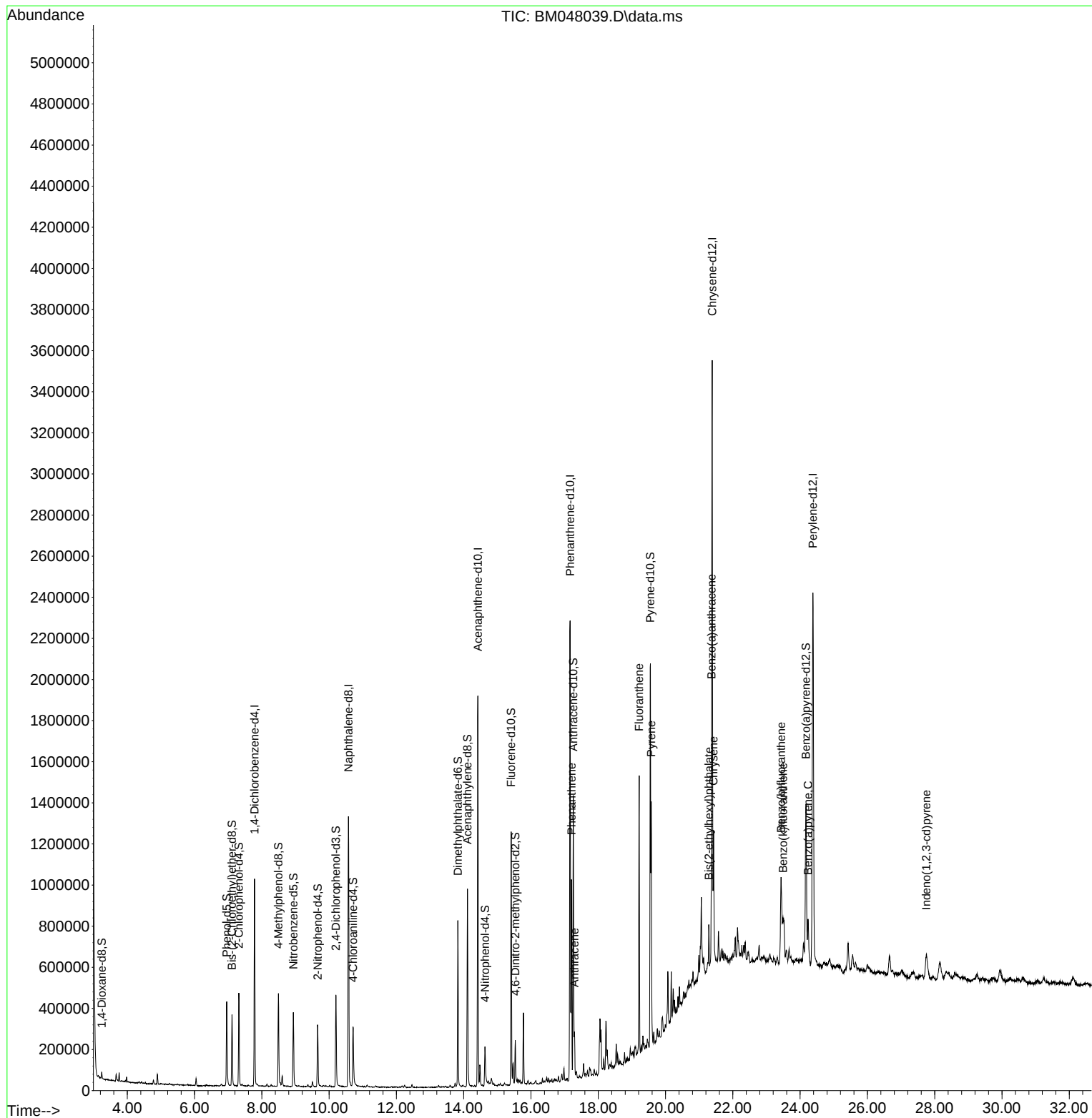
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048039.D
Acq On : 14 Oct 2024 22:11
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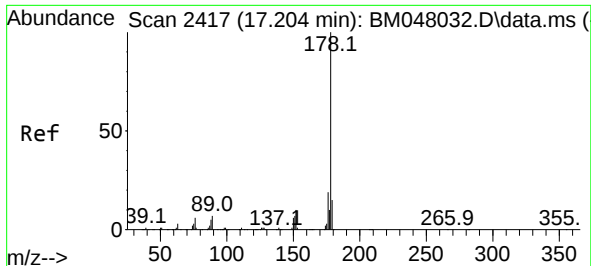
Instrument :
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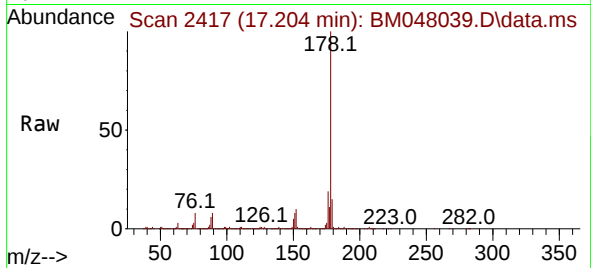
Quant Time: Oct 14 23:17:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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#72
Phenanthrene
Concen: 7.388 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11

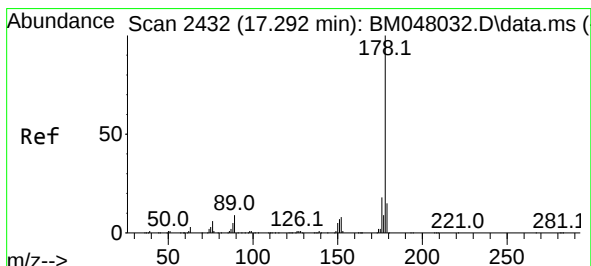
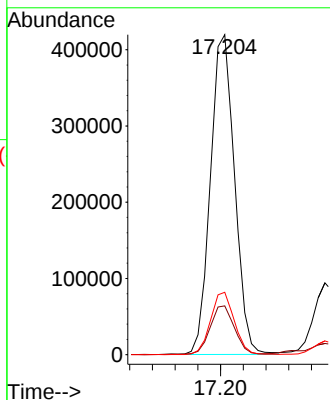
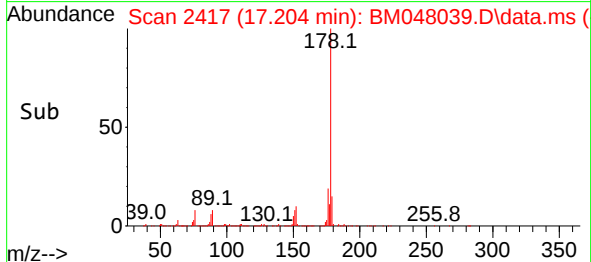
Instrument :
BNA_M
ClientSampleId :
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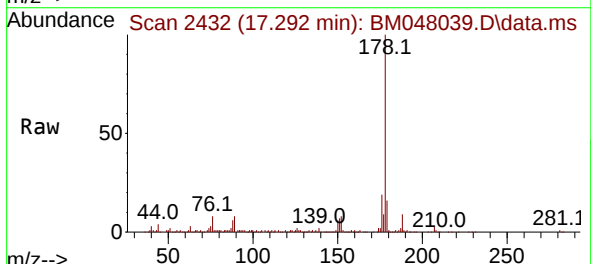
Tgt Ion:178 Resp: 619949
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.5 15.4 23.0

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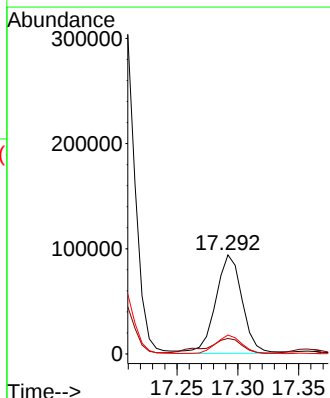
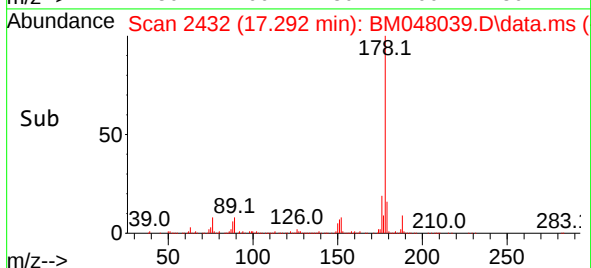
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

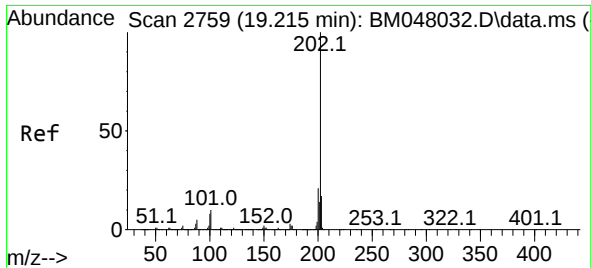


#74
Anthracene
Concen: 1.663 ng/u1
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11



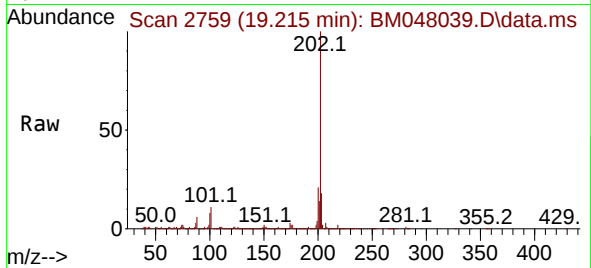
Tgt Ion:178 Resp: 142377
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.1 14.7 22.1





#80
Fluoranthene
Concen: 8.270 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11

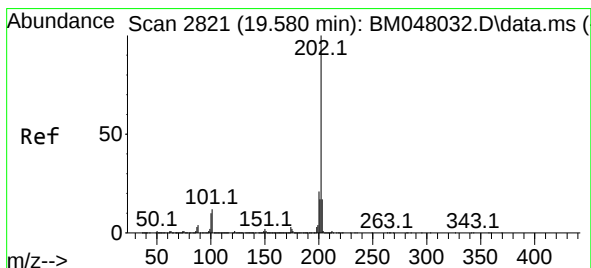
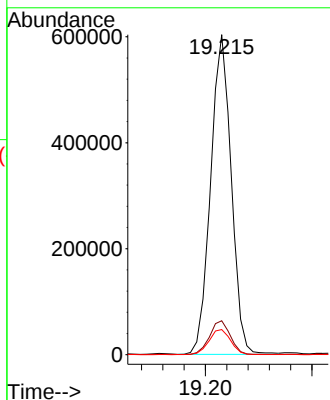
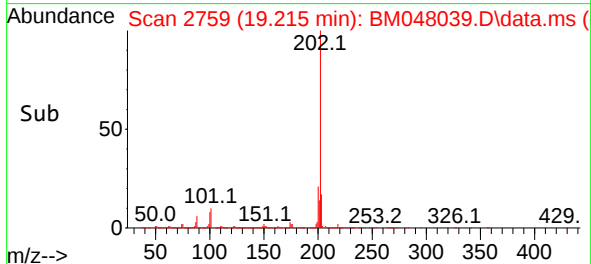
Instrument :
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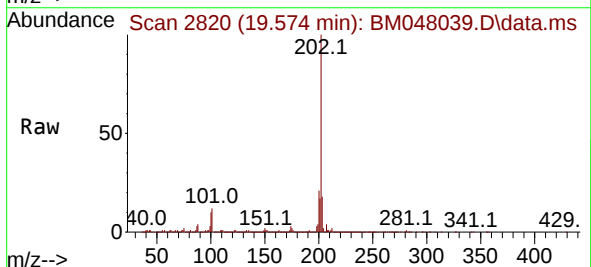
Tgt Ion:202 Resp: 811124
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 7.9 6.8 10.2

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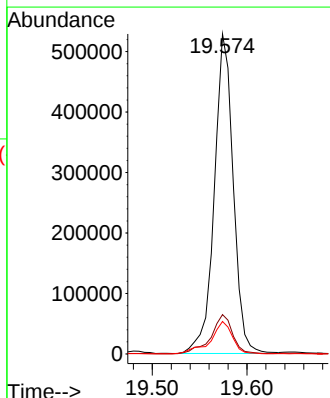
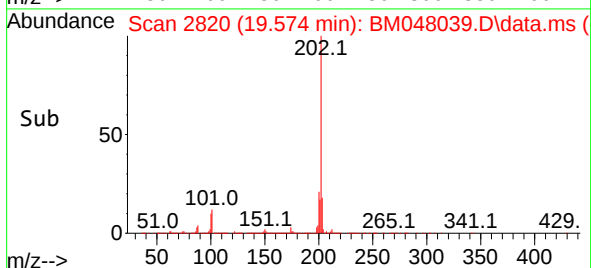
Reviewed By :Yogesh Patel 10/15/2024
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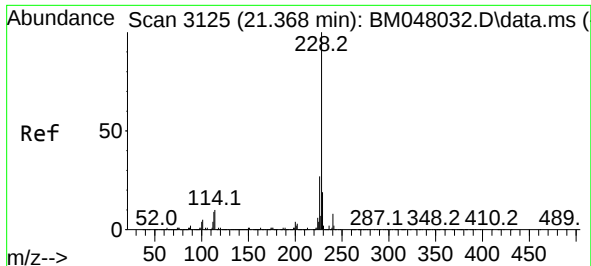


#82
Pyrene
Concen: 6.758 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11



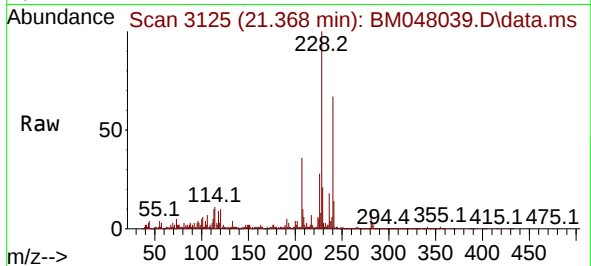
Tgt Ion:202 Resp: 737807
Ion Ratio Lower Upper
202 100
101 12.3 10.9 16.3
100 10.2 9.4 14.2





#85
Benzo(a)anthracene
Concen: 3.964 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11

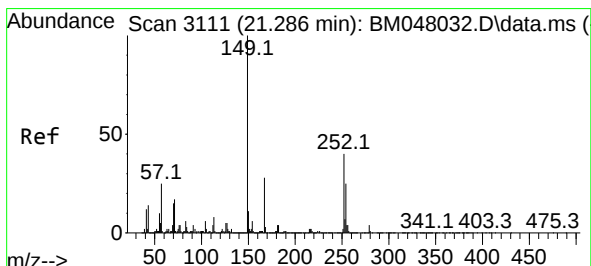
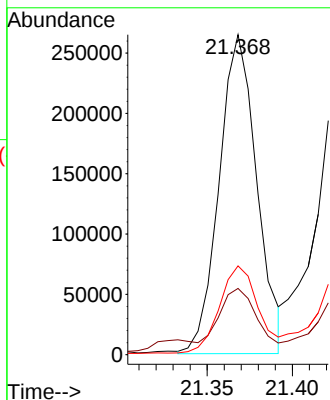
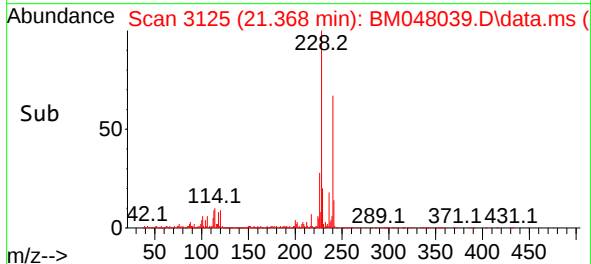
Instrument :
BNA_M
ClientSampleId :
A4F13



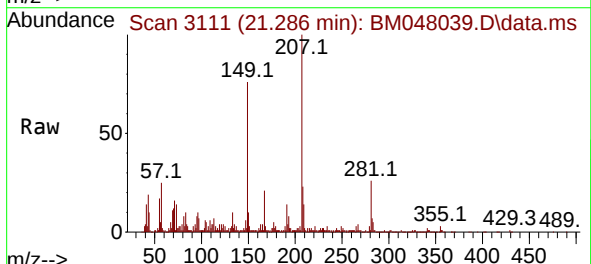
Tgt Ion:228 Resp: 40725
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 27.7 21.9 32.9

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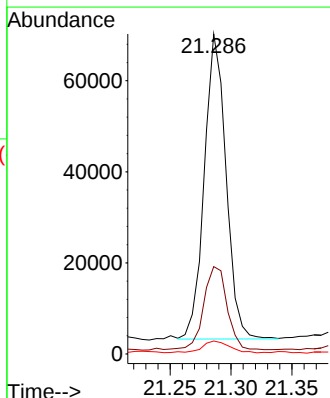
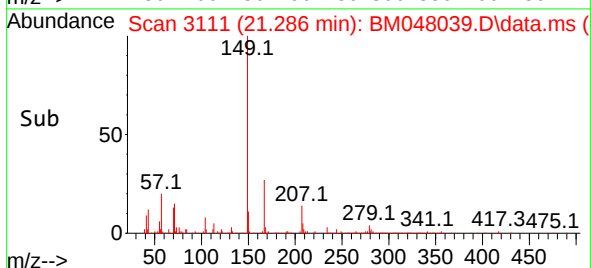
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

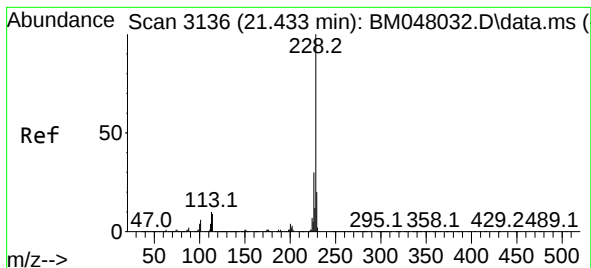


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.434 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048039.D
Acq: 14 Oct 2024 22:11



Tgt Ion:149 Resp: 83085
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 4.1 2.7 4.1





#87

Chrysene

Concen: 4.049 ng/ul

RT: 21.427 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BM048039.D

Acq: 14 Oct 2024 22:11

Instrument :

BNA_M

ClientSampleId :

A4F13

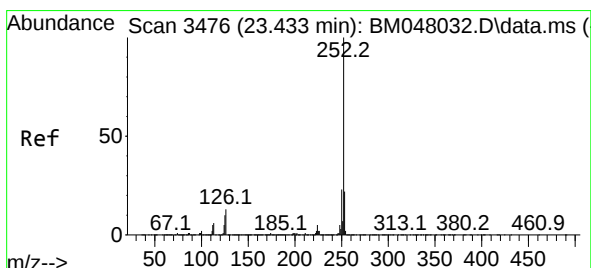
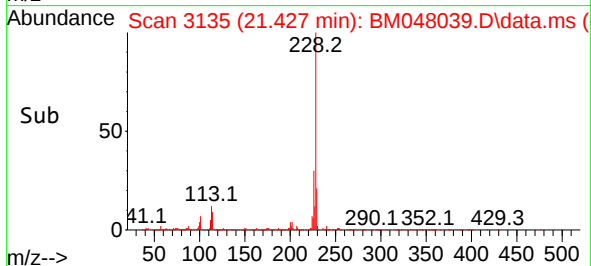
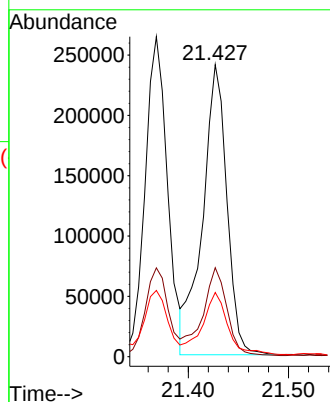
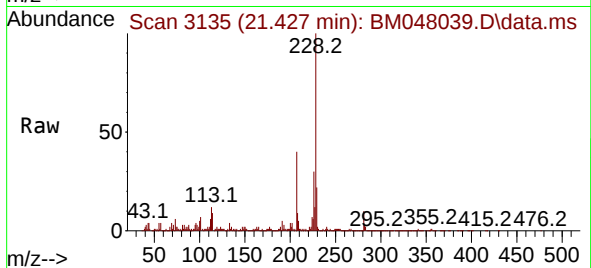
Tgt Ion:228	Resp: 40551
Ion Ratio	Lower Upper
228 100	
226 30.5	23.6 35.4
229 22.0	15.3 22.9

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#90

Benzo(b)fluoranthene

Concen: 4.347 ng/ul

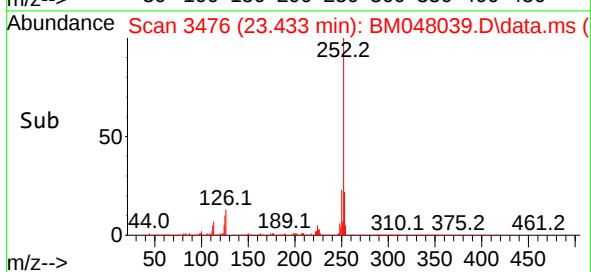
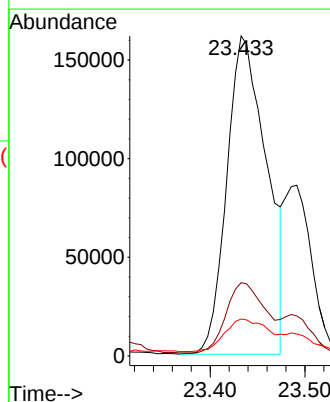
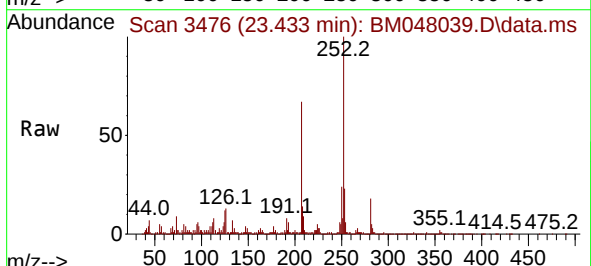
RT: 23.433 min Scan# 3476

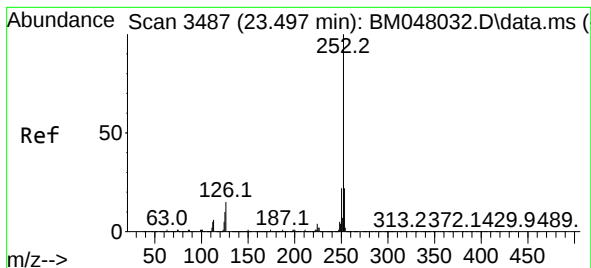
Delta R.T. 0.006 min

Lab File: BM048039.D

Acq: 14 Oct 2024 22:11

Tgt Ion:252	Resp: 471363
Ion Ratio	Lower Upper
252 100	
253 22.9	17.4 26.2
125 11.5	9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 1.525 ng/ul m

RT: 23.491 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM048039.D

Acq: 14 Oct 2024 22:11

Instrument :

BNA_M

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A4F13

Tgt Ion:252 Resp: 169110

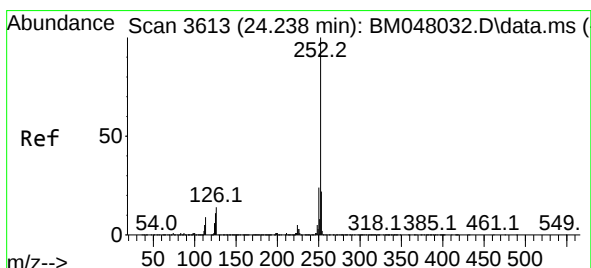
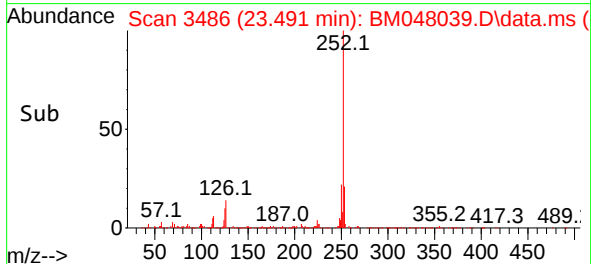
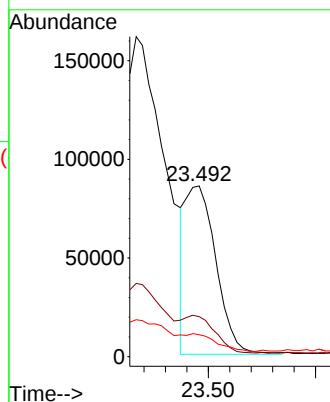
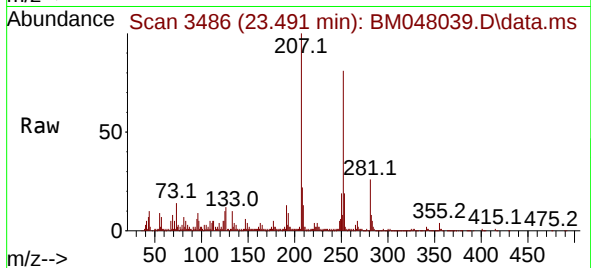
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.9	8.9	13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.141 ng/ul

RT: 24.239 min Scan# 3613

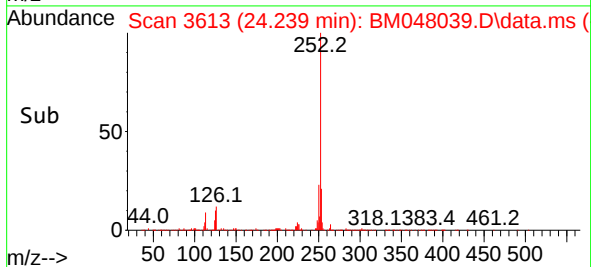
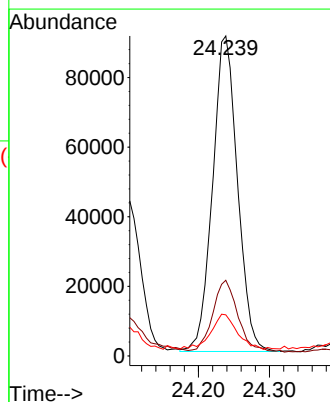
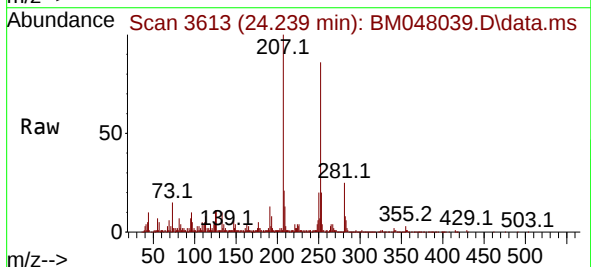
Delta R.T. 0.006 min

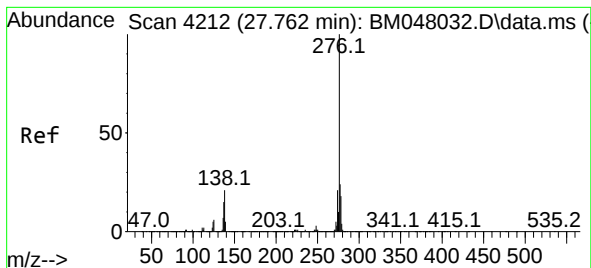
Lab File: BM048039.D

Acq: 14 Oct 2024 22:11

Tgt Ion:252 Resp: 220488

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	12.9	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.294 ng/ul

RT: 27.750 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM048039.D

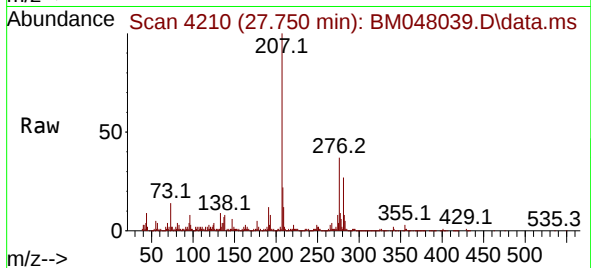
Acq: 14 Oct 2024 22:11

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:276 Resp: 17081

Ion Ratio Lower Upper

276 100

138 22.5 16.9 25.3

277 24.3 18.9 28.3

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