

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048035.D
 Acq On : 14 Oct 2024 19:32
 Operator : RC/JU
 Sample : P4239-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG3

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 23:06:12 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	298875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.574	136	1176933	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	706615	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1434628	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1355912	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	1598956	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12262	1.326	ng/uL	0.00
4) Pyridine-d5	3.675	84	13241	0.489	ng/u1	0.02
7) Phenol-d5	6.957	99	207378	7.338	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	128177	6.391	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	186451	9.068	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	126030	5.998	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	84461	9.013	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	90374	10.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	160812	8.964	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	95130m	3.430	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	478068	9.332	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	561531	9.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	52847	5.181	ng/u1	0.01
60) Fluorene-d10	15.409	176	440263	9.922	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	38126	4.541	ng/u1	0.00
73) Anthracene-d10	17.256	188	639371	9.064	ng/u1	0.00
81) Pyrene-d10	19.544	212	738776	9.600	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	592181	7.138	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.203	178	500460	5.949	ng/u1	100
74) Anthracene	17.292	178	103506	1.206	ng/u1	99
80) Fluoranthene	19.215	202	973503	10.741	ng/u1	99
82) Pyrene	19.574	202	736286	7.299	ng/u1	97
85) Benzo(a)anthracene	21.368	228	430574	4.535	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	193349	3.611	ng/u1	97
87) Chrysene	21.427	228	450818	4.871	ng/u1	97
90) Benzo(b)fluoranthene	23.438	252	590693	5.924	ng/u1	97
91) Benzo(k)fluoranthene	23.491	252	222194m	2.179	ng/u1	
93) Benzo(a)pyrene	24.238	252	248615	2.625	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.750	276	229542	1.891	ng/u1	98

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

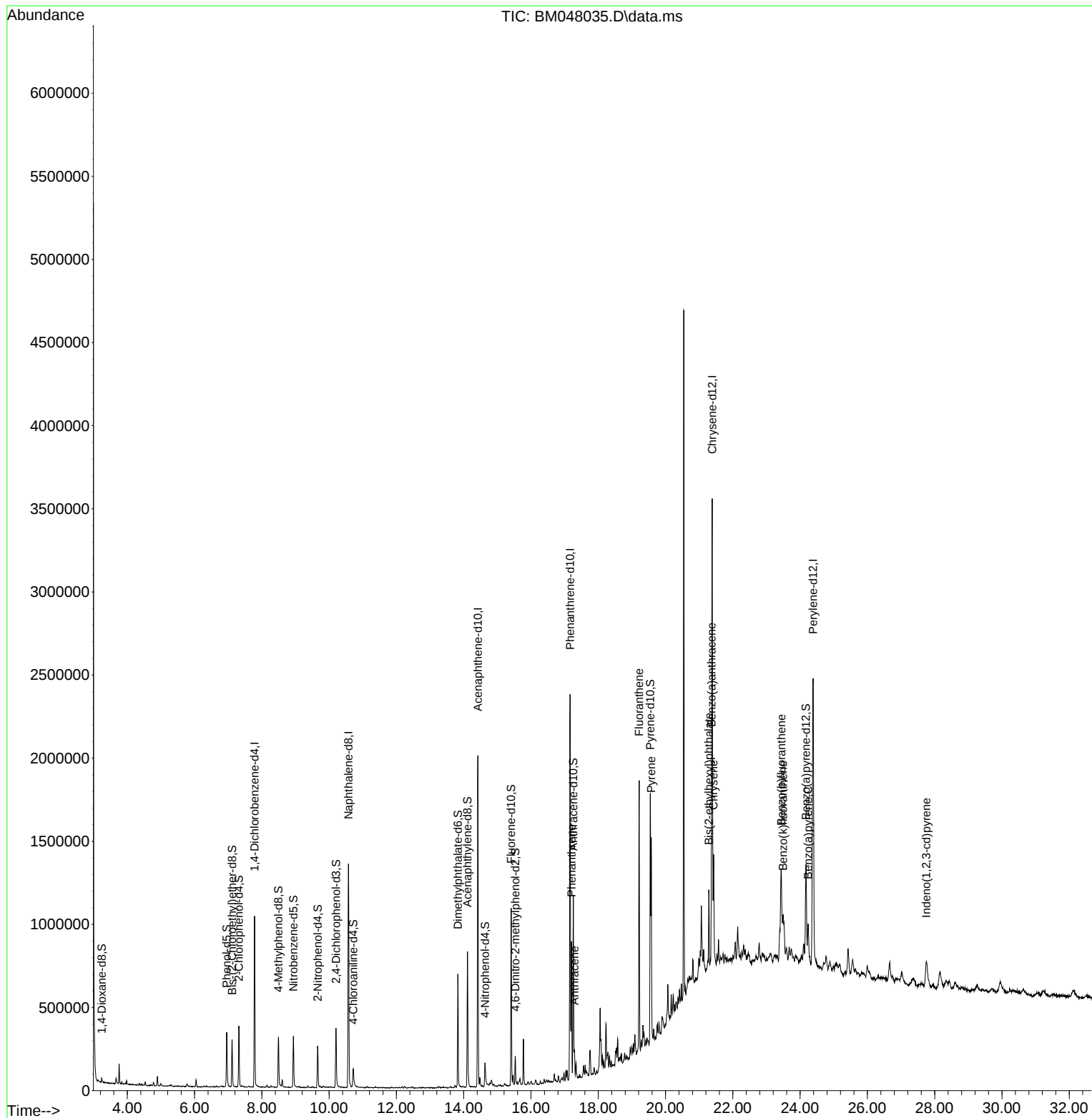
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048035.D
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ALS Vial : 12 Sample Multiplier: 1

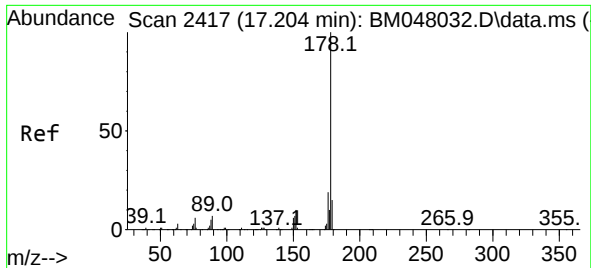
Instrument :
BNA_M
ClientSampleId :
A4EG3

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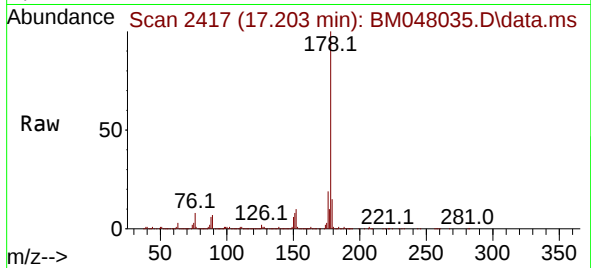
Quant Time: Oct 14 23:06:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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#72
Phenanthrene
Concen: 5.949 ng/u1
RT: 17.203 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32

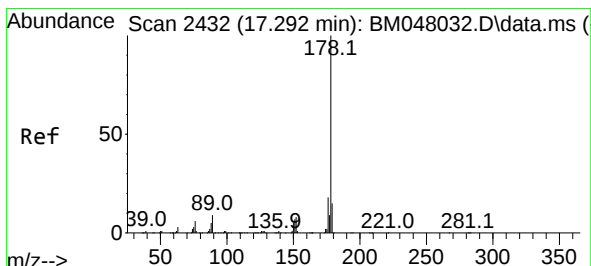
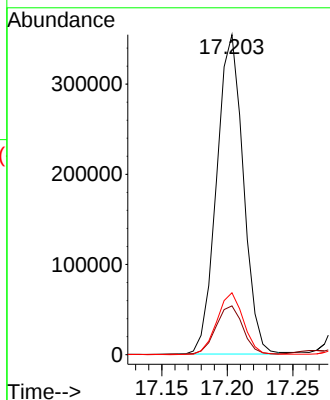
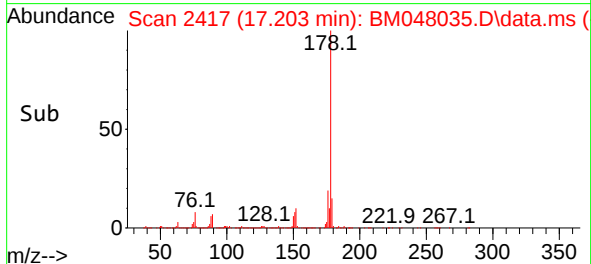
Instrument :
BNA_M
ClientSampleId :
A4EG3



Tgt Ion:178 Resp: 500460
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.4 15.4 23.0

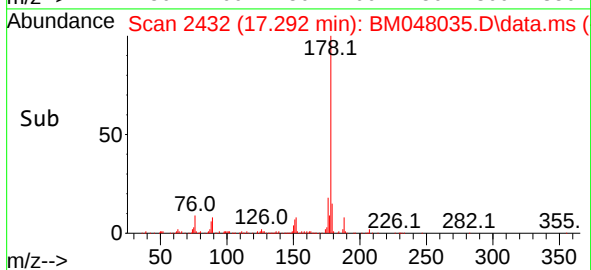
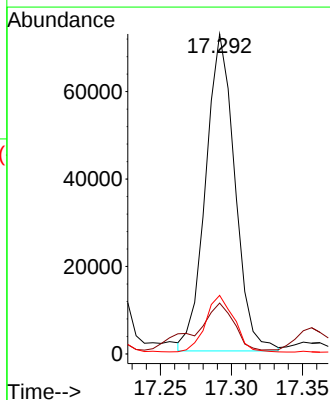
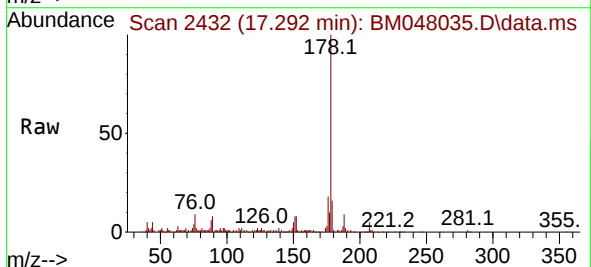
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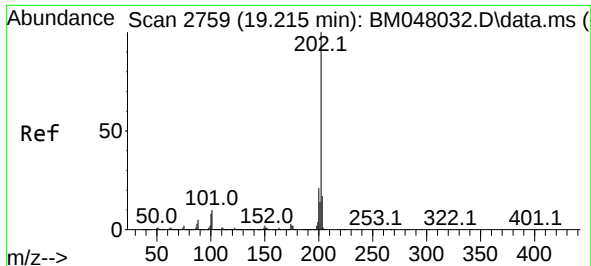
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 1.206 ng/u1
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32

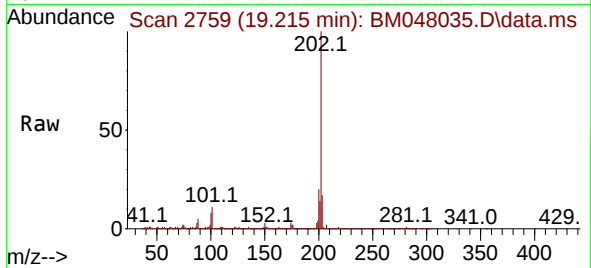
Tgt Ion:178 Resp: 103506
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.3 14.7 22.1





#80
Fluoranthene
Concen: 10.741 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32

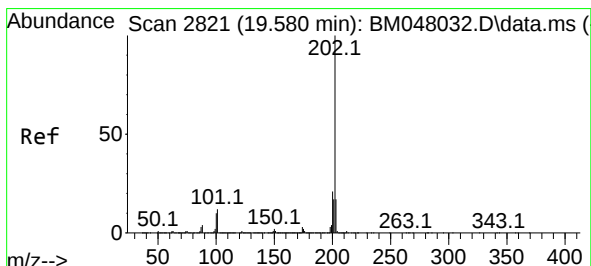
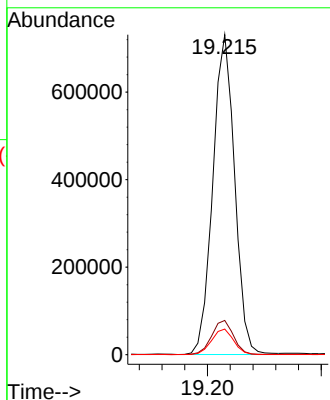
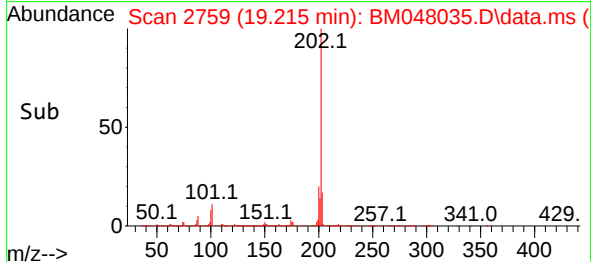
Instrument :
BNA_M
ClientSampleId :
A4EG3



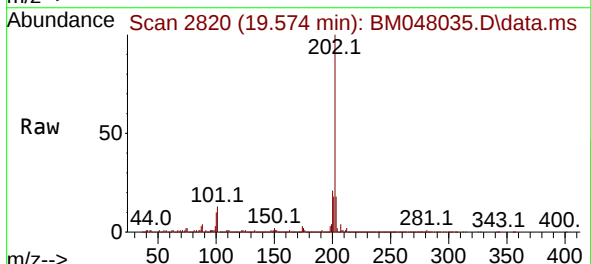
Tgt Ion:202 Resp: 97350
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 8.0 6.8 10.2

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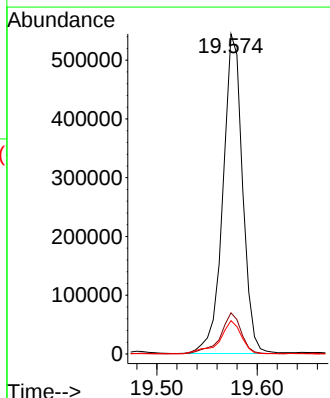
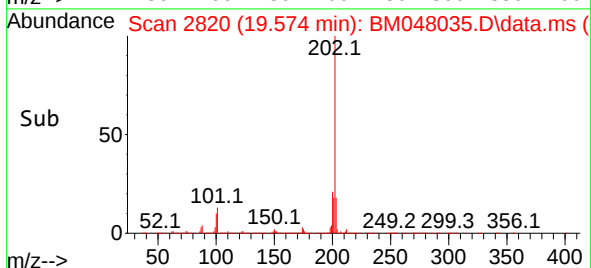
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

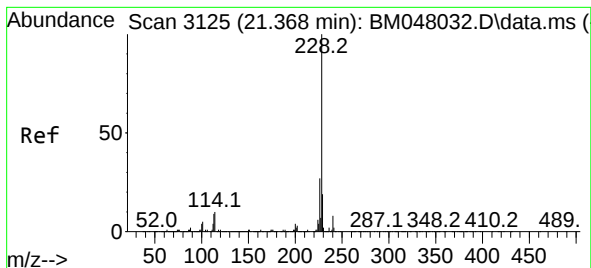


#82
Pyrene
Concen: 7.299 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32



Tgt Ion:202 Resp: 736286
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 4.535 ng/ul

RT: 21.368 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM048035.D

Acq: 14 Oct 2024 19:32

Instrument :

BNA_M

ClientSampleId :

A4EG3

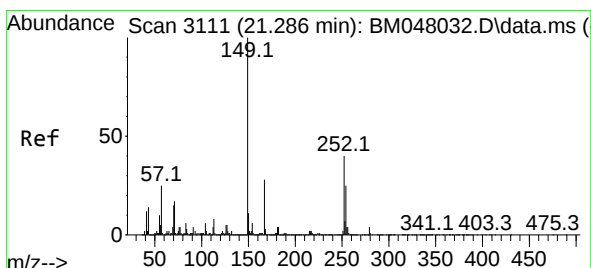
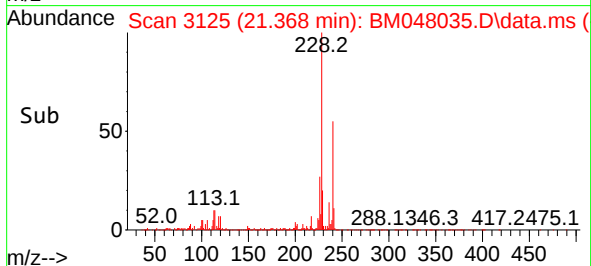
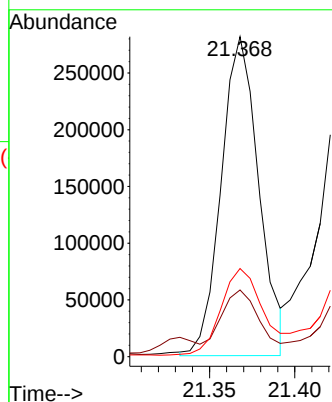
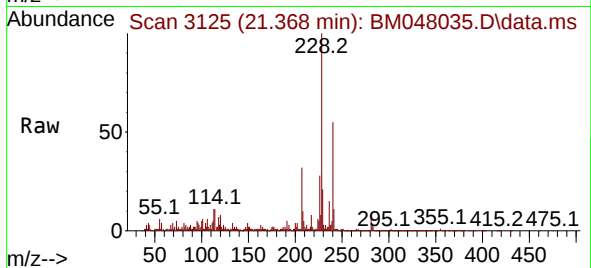
Tgt Ion:	228	Resp:	430574
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	27.5	21.9	32.9

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.611 ng/ul

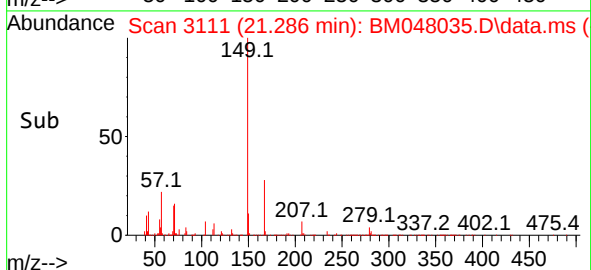
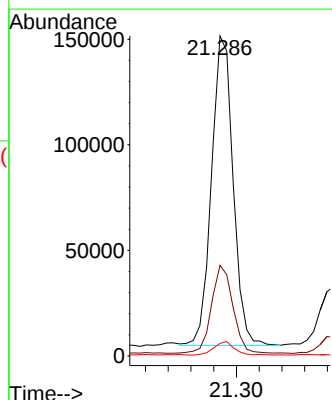
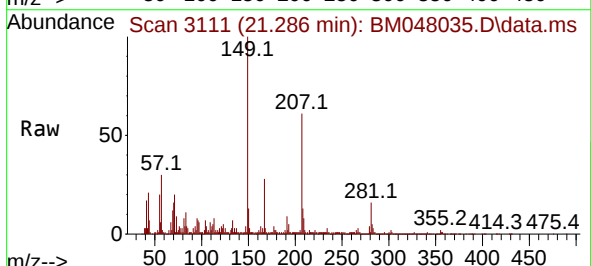
RT: 21.286 min Scan# 3111

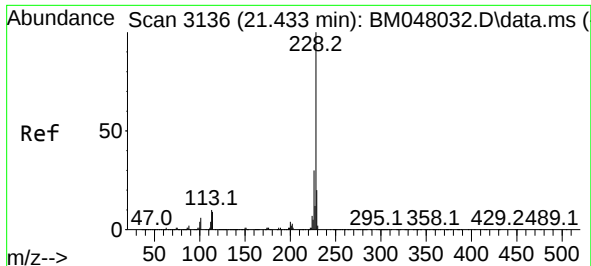
Delta R.T. -0.000 min

Lab File: BM048035.D

Acq: 14 Oct 2024 19:32

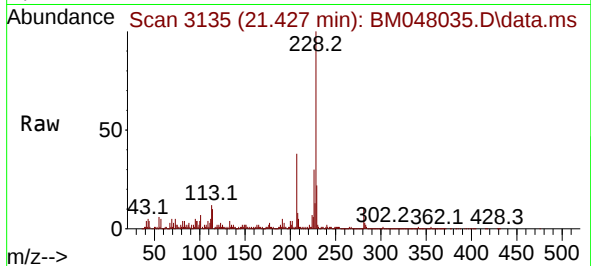
Tgt Ion:	149	Resp:	193349
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.3	31.9
279	3.9	2.7	4.1





#87
Chrysene
Concen: 4.871 ng/ul
RT: 21.427 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32

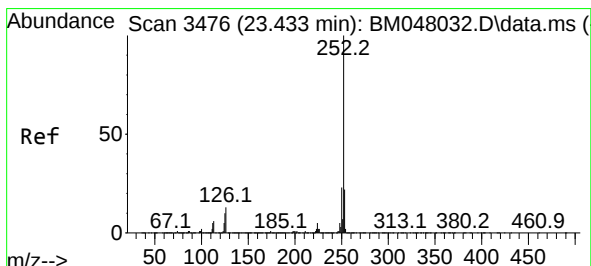
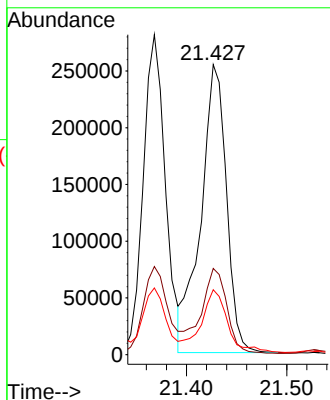
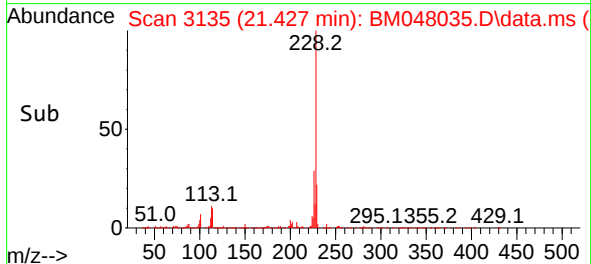
Instrument :
BNA_M
ClientSampleId :
A4EG3



Tgt Ion:228 Resp: 450818
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 22.4 15.3 22.9

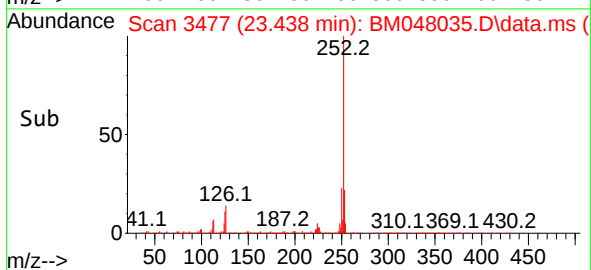
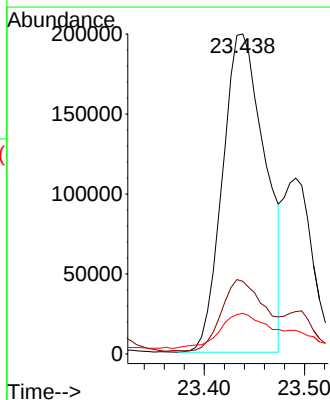
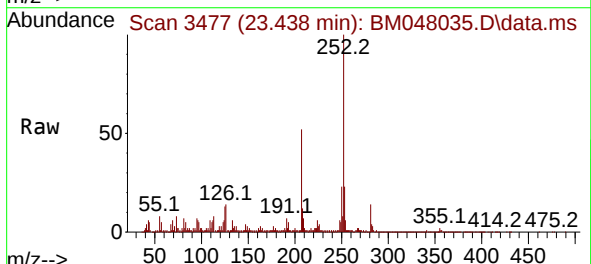
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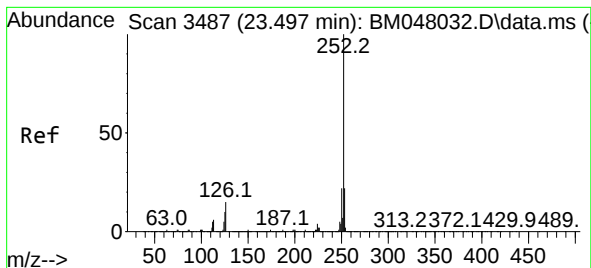
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 5.924 ng/ul
RT: 23.438 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048035.D
Acq: 14 Oct 2024 19:32

Tgt Ion:252 Resp: 590693
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 12.7 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 2.179 ng/ul m

RT: 23.491 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BM048035.D

Acq: 14 Oct 2024 19:32

Instrument :

BNA_M

ClientSampleId :

A4EG3

Tgt Ion:252 Resp: 222194

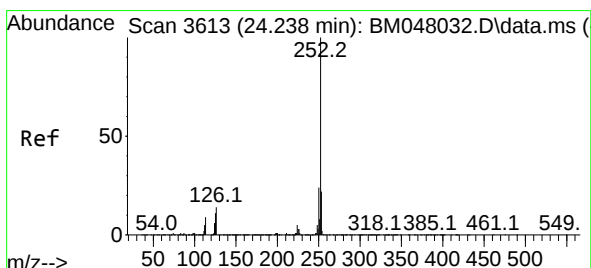
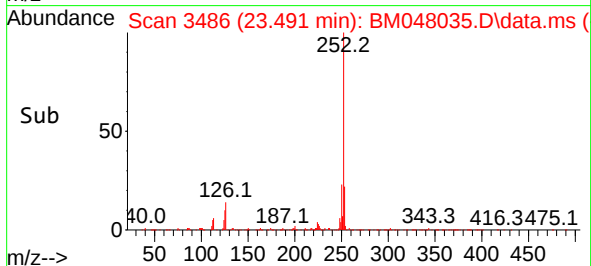
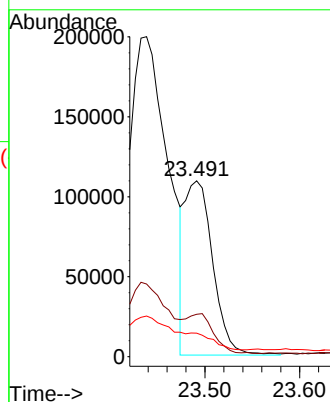
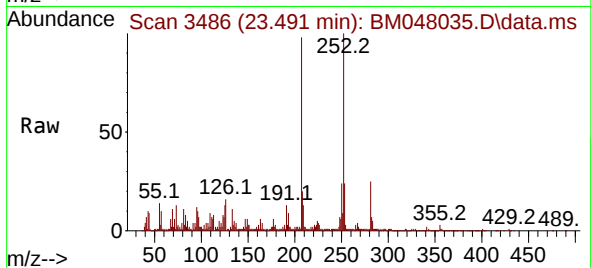
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	13.4	8.9	13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.625 ng/ul

RT: 24.238 min Scan# 3613

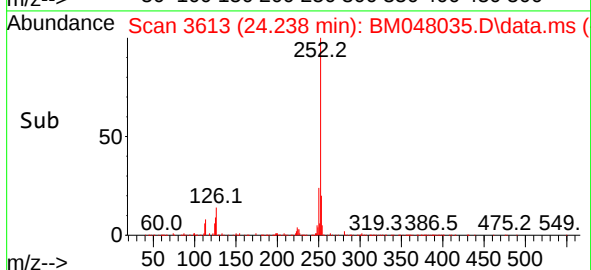
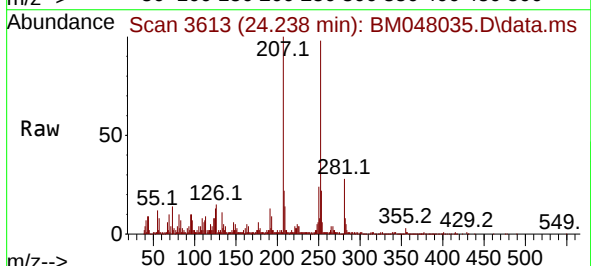
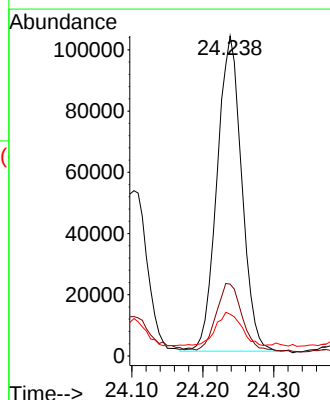
Delta R.T. 0.006 min

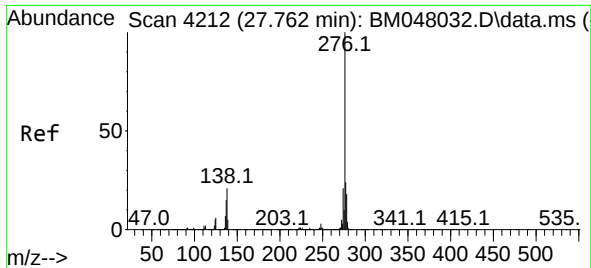
Lab File: BM048035.D

Acq: 14 Oct 2024 19:32

Tgt Ion:252 Resp: 248615

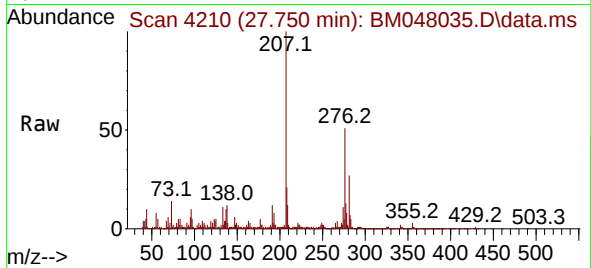
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.0	10.1	15.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.891 ng/ul
 RT: 27.750 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BM048035.D
 Acq: 14 Oct 2024 19:32

Instrument :
 BNA_M
 ClientSampleId :
 A4EG3



Tgt Ion:276 Resp: 22954
 Ion Ratio Lower Upper
 276 100
 138 22.7 16.9 25.3
 277 24.5 18.9 28.3

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 Supervised By :mohammad ahmed 10/17/2024

