

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048034.D
 Acq On : 14 Oct 2024 18:53
 Operator : RC/JU
 Sample : P4239-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ET4

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 23:03:37 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	276995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1083476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	644664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1312919	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1282604	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	1504378	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13958	1.628	ng/uL	0.00
4) Pyridine-d5	3.669	84	17880	0.712	ng/u1	0.01
7) Phenol-d5	6.957	99	237431m	9.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	152431	8.201	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	217660	11.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	167307	8.591	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	98051	11.366	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	107726	13.031	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	180613	10.937	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	145220	5.688	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	541717	11.590	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	642321	11.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	55302	5.943	ng/u1	0.01
60) Fluorene-d10	15.410	176	495588	12.242	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	42918	5.586	ng/u1	0.00
73) Anthracene-d10	17.256	188	750385	11.623	ng/u1	0.00
81) Pyrene-d10	19.545	212	842055	11.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	689939	8.839	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	448336	5.823	ng/u1	100
80) Fluoranthene	19.215	202	604745	7.054	ng/u1	99
82) Pyrene	19.574	202	486665	5.100	ng/u1	98
85) Benzo(a)anthracene	21.368	228	245686	2.736	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.291	149	192680	3.804	ng/u1#	98
87) Chrysene	21.427	228	280500	3.204	ng/u1	96
90) Benzo(b)fluoranthene	23.438	252	332435	3.543	ng/u1	96
91) Benzo(k)fluoranthene	23.491	252	123091	1.283	ng/u1#	94
93) Benzo(a)pyrene	24.232	252	136150	1.528	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.750	276	120526	1.056	ng/u1	98

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

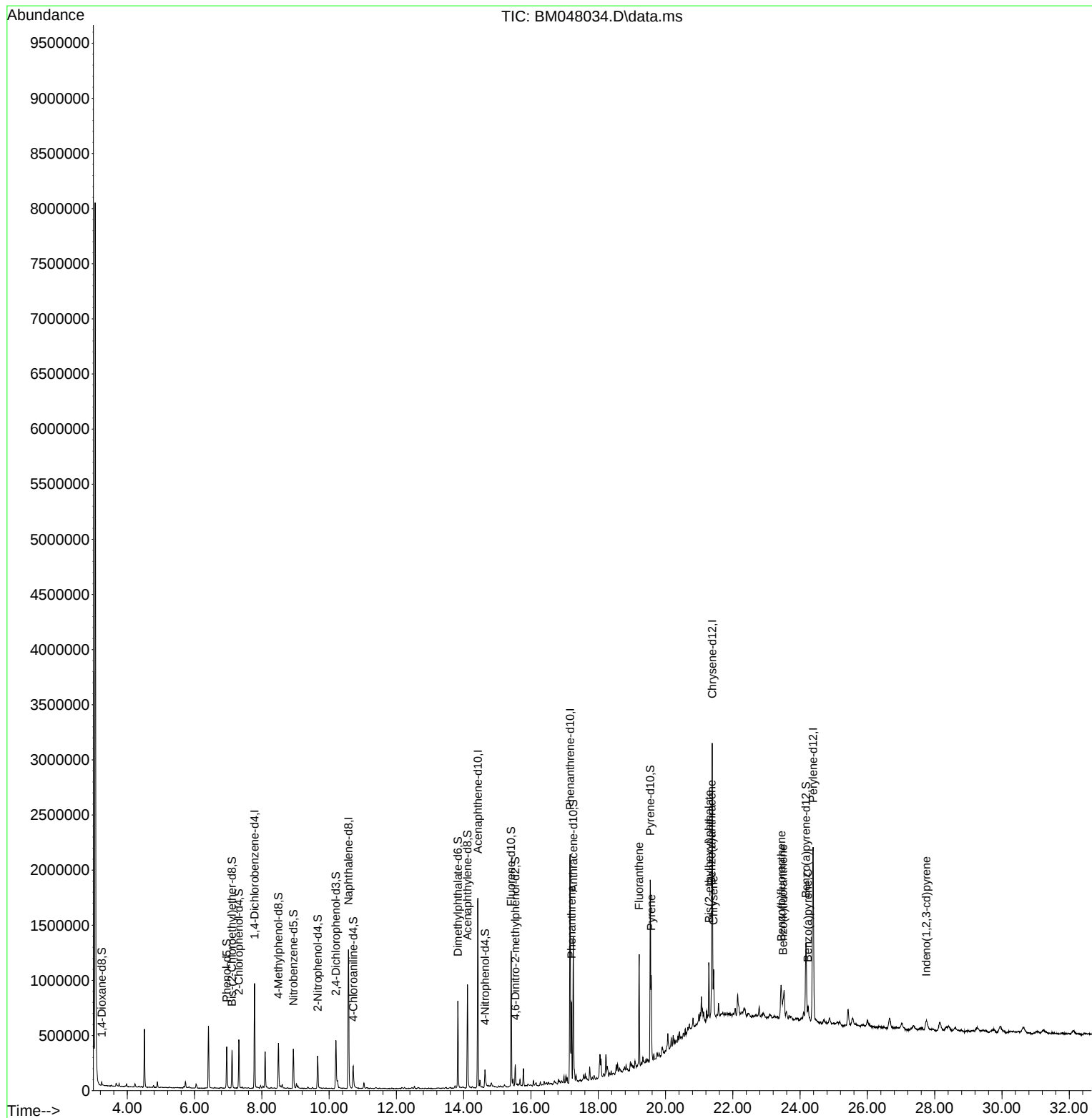
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048034.D
Acq On : 14 Oct 2024 18:53
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ALS Vial : 11 Sample Multiplier: 1

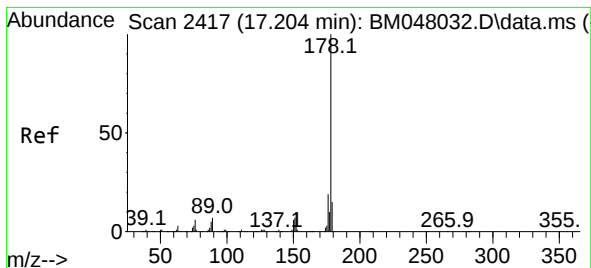
Instrument :
BNA_M
ClientSampleId :
A4ET4

Quant Time: Oct 14 23:03:37 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: 5.823 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM048034.D

Acq: 14 Oct 2024 18:53

Instrument :

BNA_M

ClientSampleId :

A4ET4

Tgt Ion:178 Resp: 448330

Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

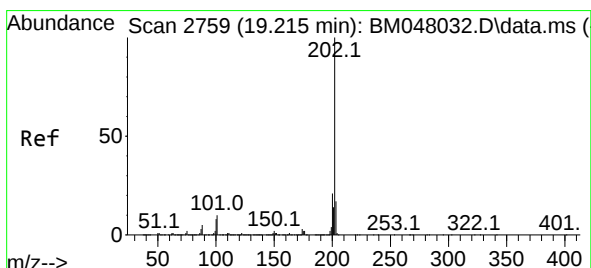
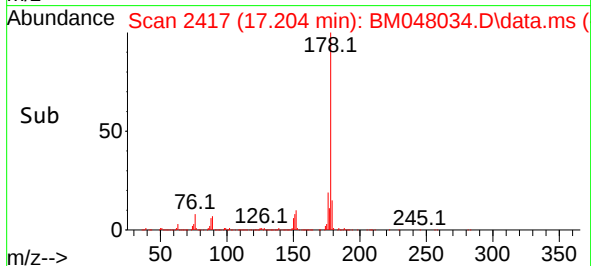
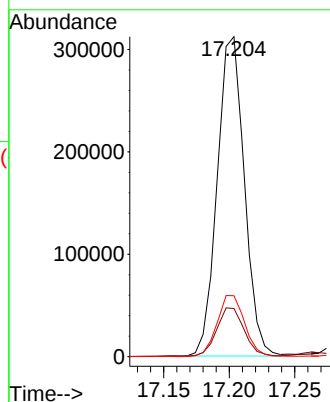
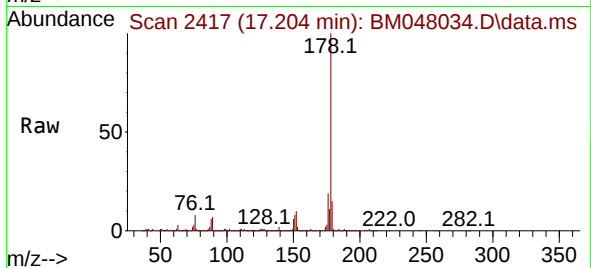
176 19.1 15.4 23.0

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#80

Fluoranthene

Concen: 7.054 ng/ul

RT: 19.215 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BM048034.D

Acq: 14 Oct 2024 18:53

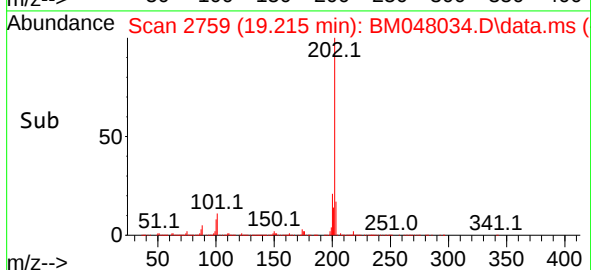
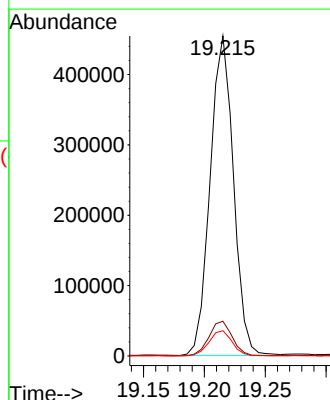
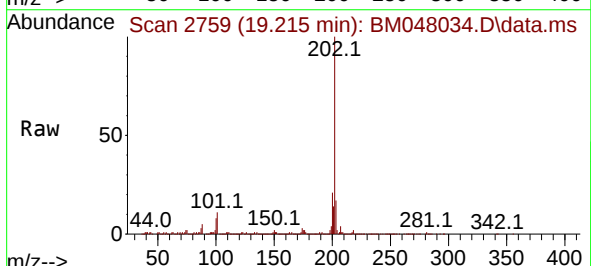
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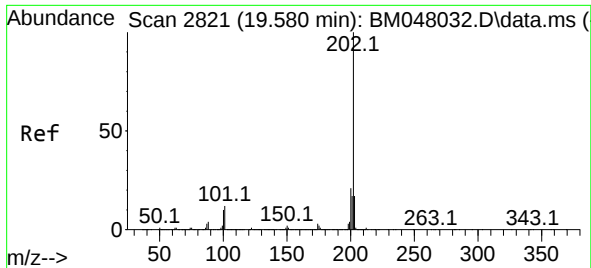
Ion Ratio Lower Upper

202 100

101 10.9 9.0 13.4

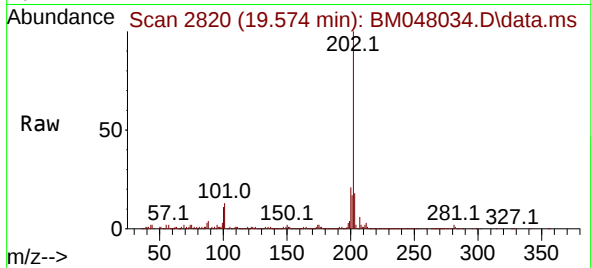
100 7.9 6.8 10.2





#82
Pyrene
Concen: 5.100 ng/ul
RT: 19.574 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

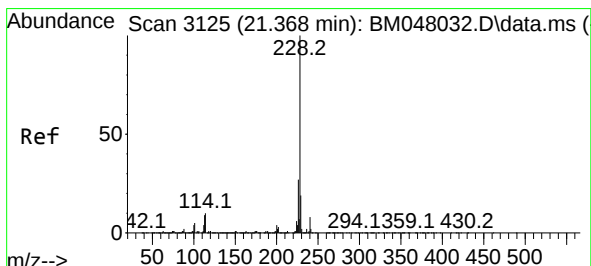
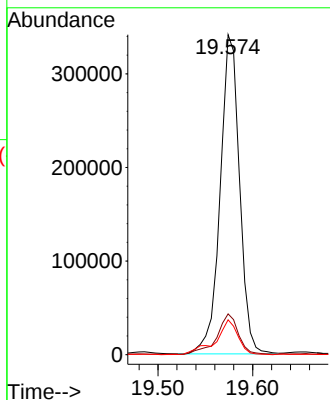
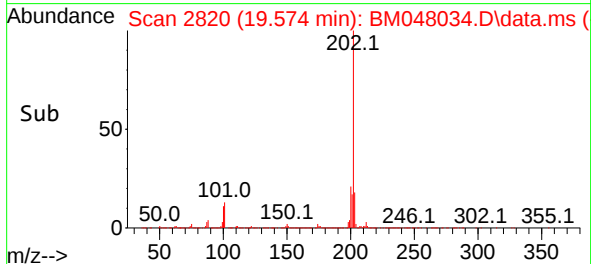
Instrument :
BNA_M
ClientSampleId :
A4ET4



Tgt Ion:202 Resp: 48666
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.9 9.4 14.2

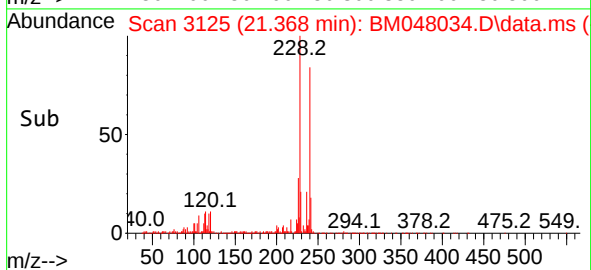
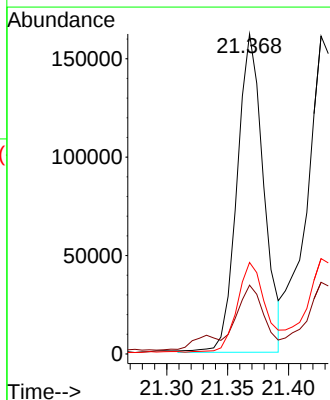
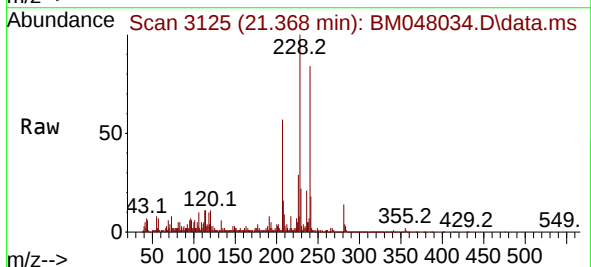
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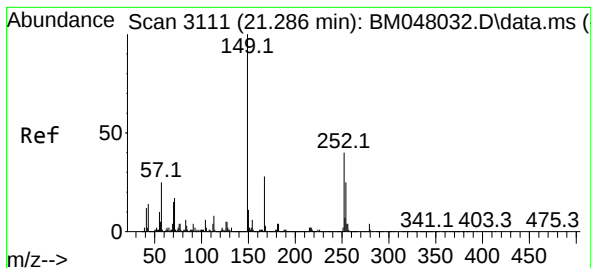
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 2.736 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

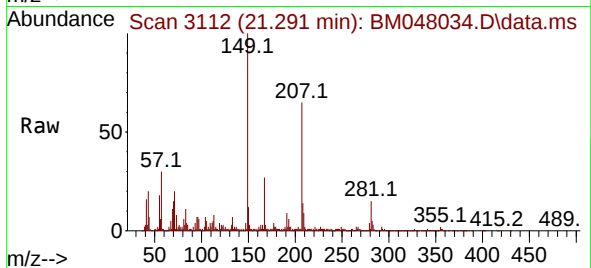
Tgt Ion:228 Resp: 245686
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.6 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.804 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

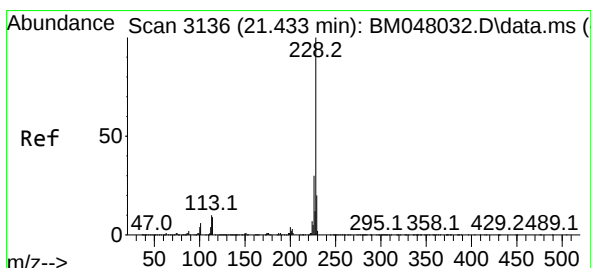
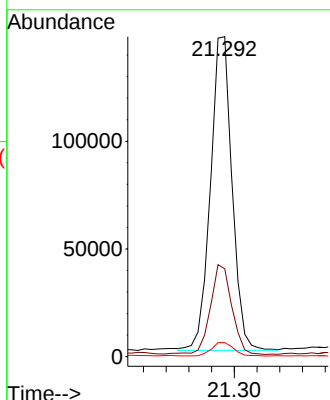
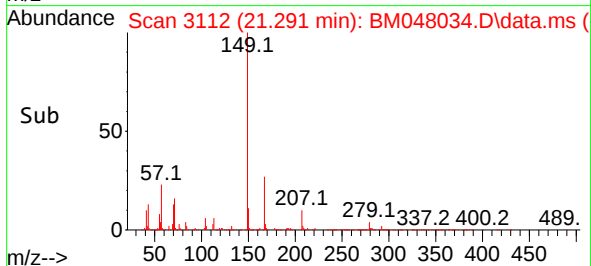
Instrument :
BNA_M
ClientSampleId :
A4ET4



Tgt Ion:149 Resp: 192680
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 4.4 2.7 4.1

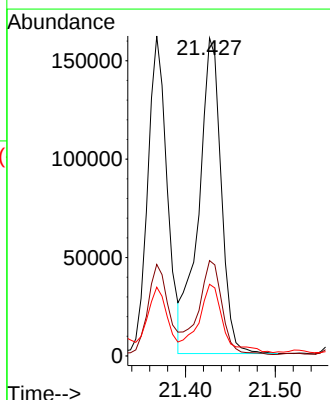
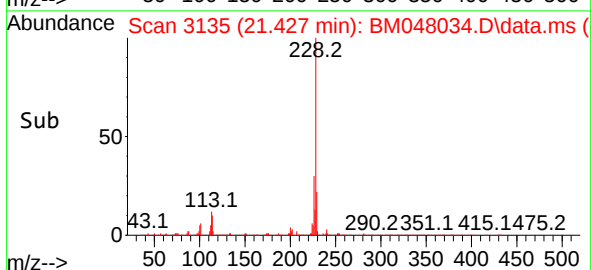
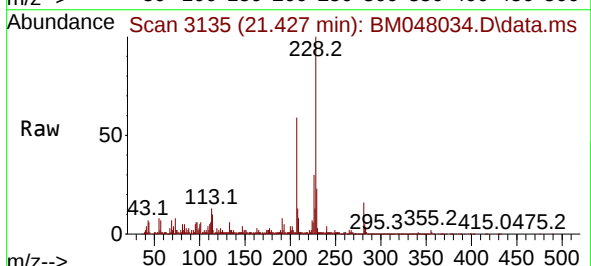
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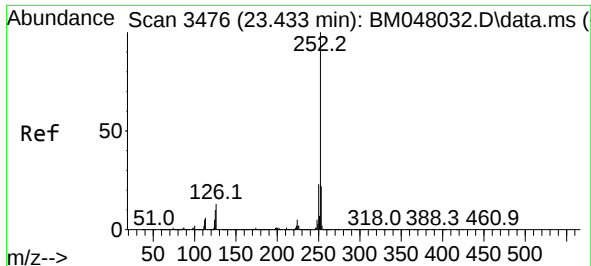
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 3.204 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

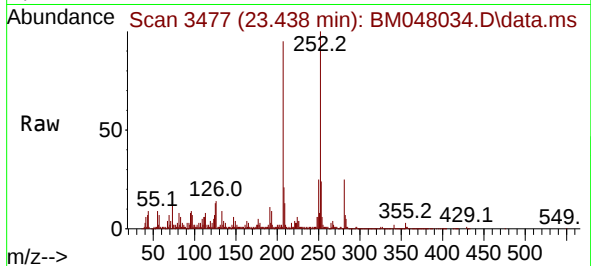
Tgt Ion:228 Resp: 280500
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.5 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 3.543 ng/u1
RT: 23.438 min Scan# 3476
Delta R.T. 0.012 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

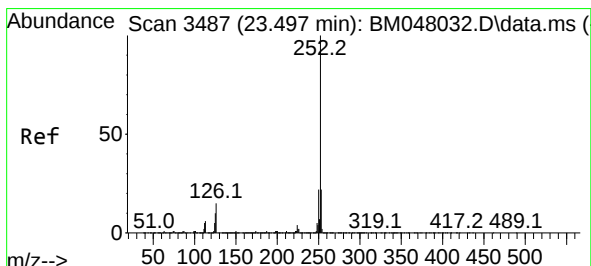
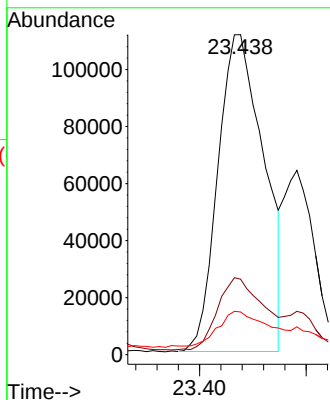
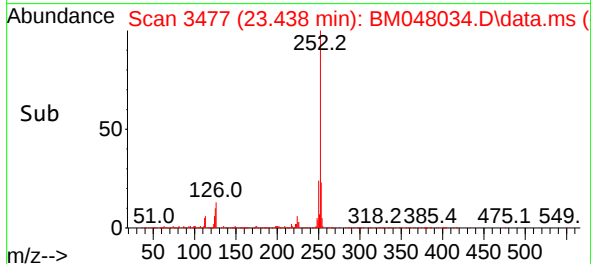
Instrument :
BNA_M
ClientSampleId :
A4ET4



Tgt Ion:252 Resp: 332435
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 13.3 9.0 13.4

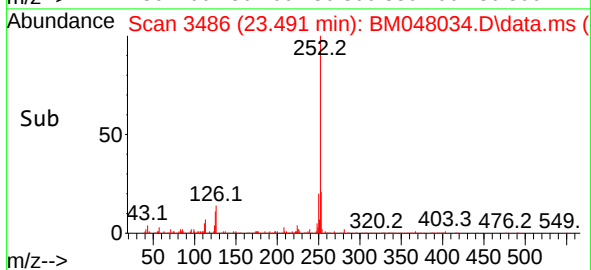
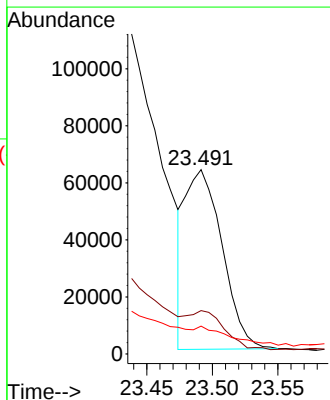
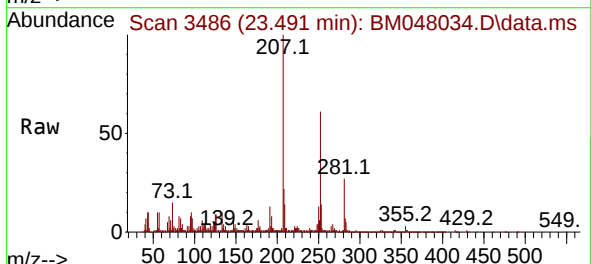
Manual Integrations
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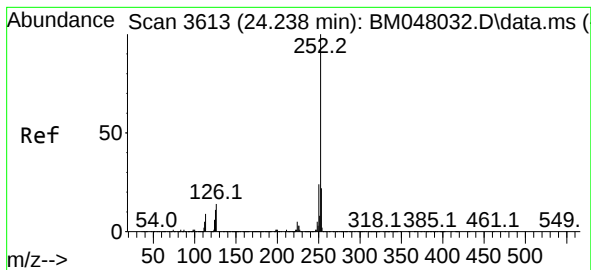
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#91
Benzo(k)fluoranthene
Concen: 1.283 ng/u1
RT: 23.491 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048034.D
Acq: 14 Oct 2024 18:53

Tgt Ion:252 Resp: 123091
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 15.1 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 1.528 ng/ul

RT: 24.232 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM048034.D

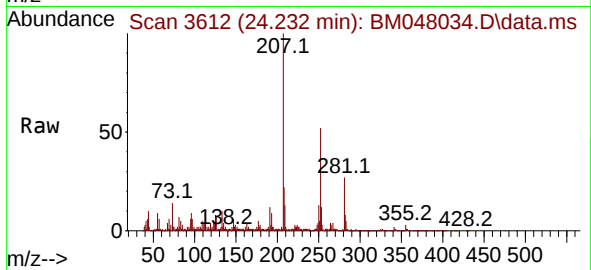
Acq: 14 Oct 2024 18:53

Instrument :

BNA_M

ClientSampleId :

A4ET4



Tgt Ion: 252 Resp: 136150

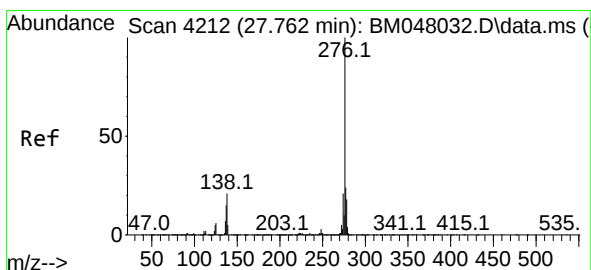
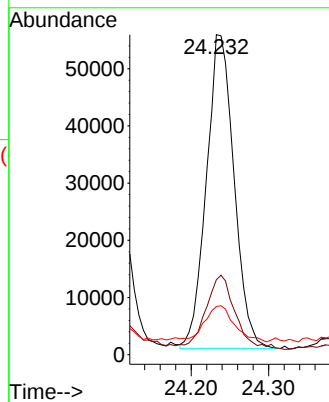
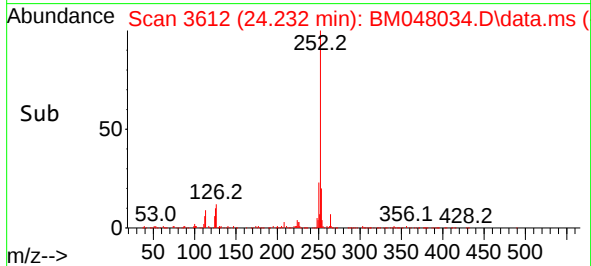
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	15.1	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.056 ng/ul

RT: 27.750 min Scan# 4210

Delta R.T. 0.006 min

Lab File: BM048034.D

Acq: 14 Oct 2024 18:53

Tgt Ion: 276 Resp: 120526

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.9	25.3
277	24.3	18.9	28.3

