

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048036.D
 Acq On : 14 Oct 2024 20:12
 Operator : RC/JU
 Sample : P4239-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ET3

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 23:08:33 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	359130	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1423635	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	869587	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1807032	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1783281	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	2078147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12878	1.159	ng/uL	0.00
4) Pyridine-d5	3.669	84	25085m	0.771	ng/u1	0.01
7) Phenol-d5	6.957	99	212646	6.262	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	149106	6.188	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	203574	8.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	126039	4.992	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	99312	8.761	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	105747	9.735	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	179699	8.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	84306	2.513	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	548877	8.706	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	655901	8.775	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	50189	3.998	ng/u1	0.01
60) Fluorene-d10	15.410	176	513108	9.396	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	45738	4.325	ng/u1	0.00
73) Anthracene-d10	17.257	188	758342	8.535	ng/u1	0.00
81) Pyrene-d10	19.545	212	902378	8.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	733055	6.799	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	292880	2.764	ng/u1	100
80) Fluoranthene	19.215	202	838872	7.038	ng/u1	97
82) Pyrene	19.574	202	623741	4.701	ng/u1	96
85) Benzo(a)anthracene	21.368	228	375432	3.007	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	113142	1.607	ng/u1#	95
87) Chrysene	21.427	228	462691	3.801	ng/u1	98
90) Benzo(b)fluoranthene	23.433	252	658685	5.083	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	224513m	1.694	ng/u1	
93) Benzo(a)pyrene	24.238	252	232604	1.890	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.750	276	242463	1.537	ng/u1	96

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

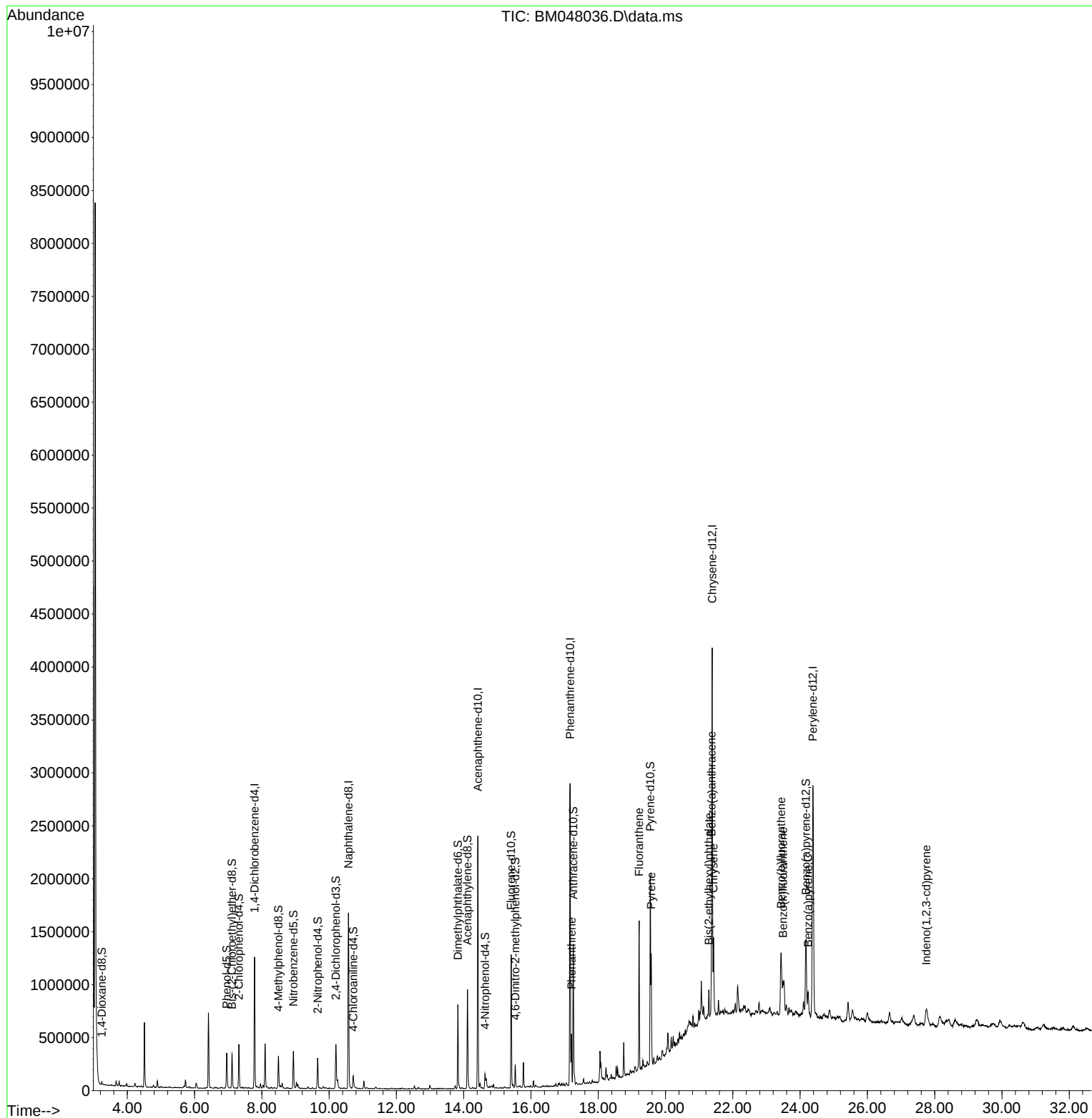
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048036.D
Acq On : 14 Oct 2024 20:12
Operator : RC/JU
Sample : P4239-09
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ALS Vial : 13 Sample Multiplier: 1

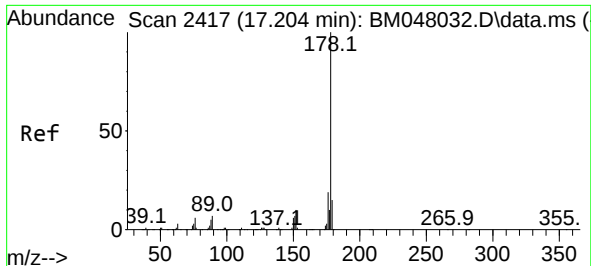
Instrument :
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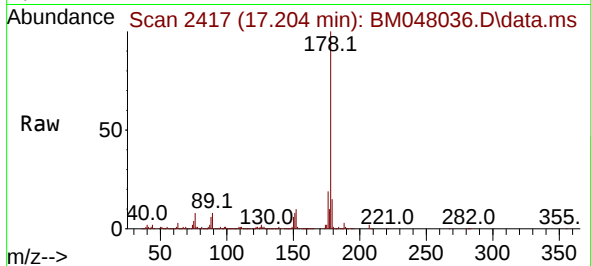
Quant Time: Oct 14 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.764 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048036.D
Acq: 14 Oct 2024 20:12

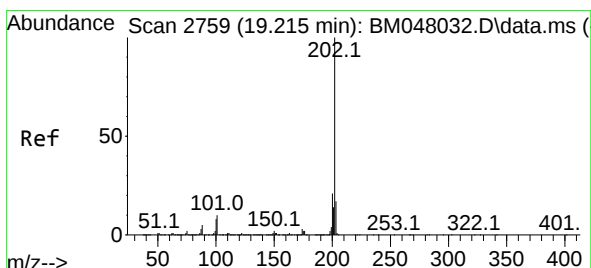
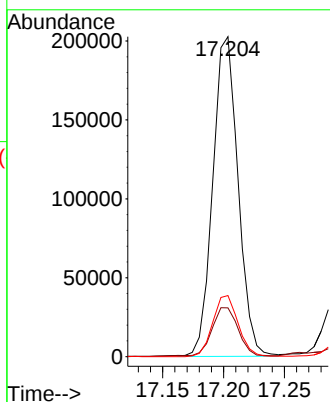
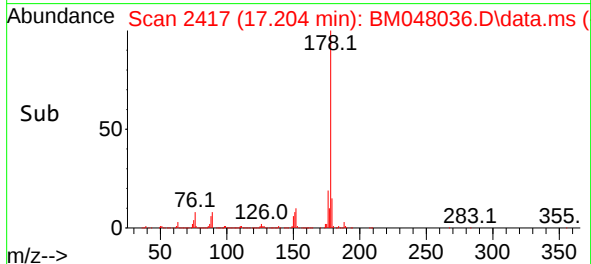
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 292880
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.1 15.4 23.0

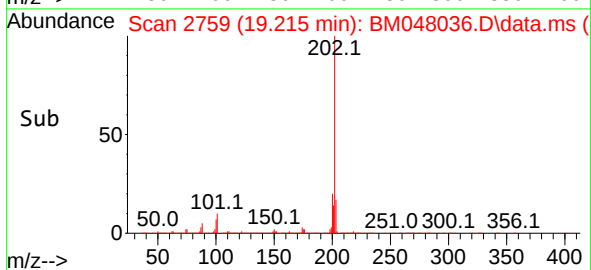
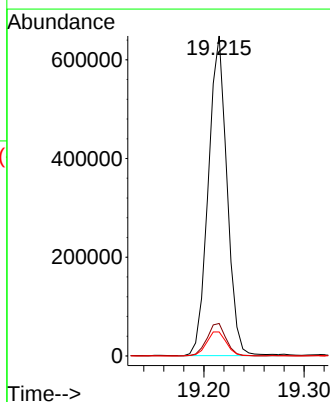
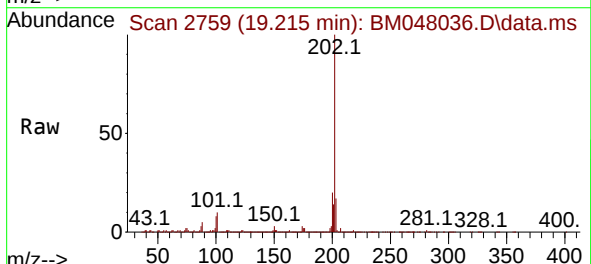
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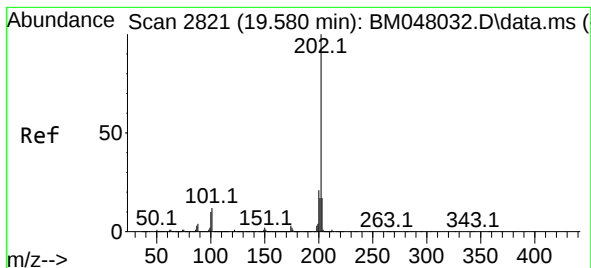
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#80
Fluoranthene
Concen: 7.038 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048036.D
Acq: 14 Oct 2024 20:12

Tgt Ion:202 Resp: 838872
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.4
100 7.5 6.8 10.2





#82

Pyrene

Concen: 4.701 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

Instrument :

BNA_M

ClientSampleId :

A4ET3

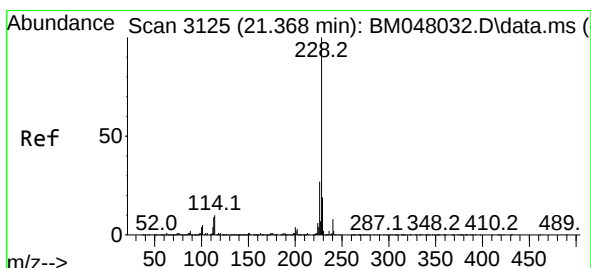
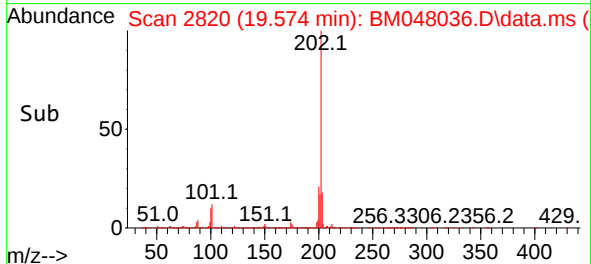
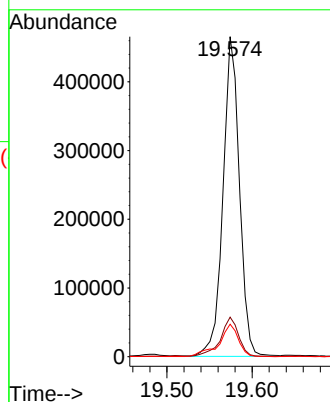
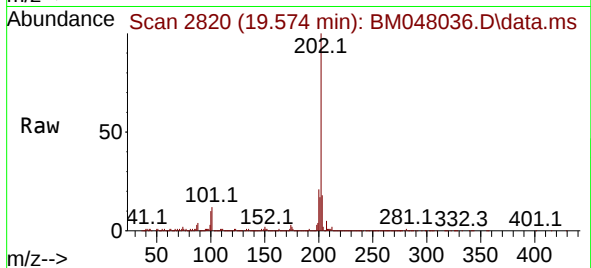
Tgt Ion:	202	Resp:	62374
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.9	16.3
100	10.1	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 3.007 ng/ul

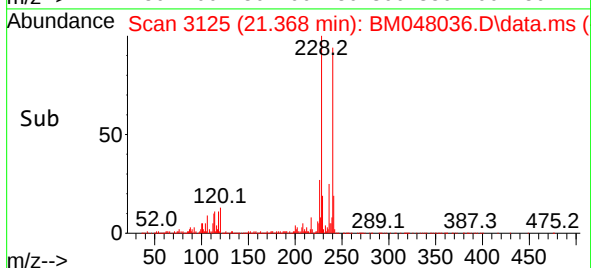
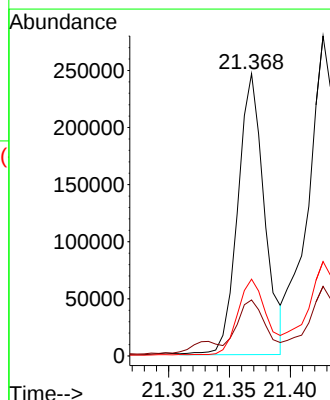
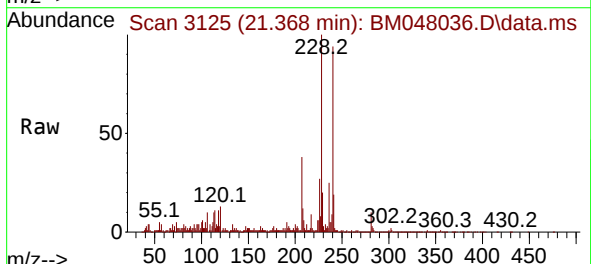
RT: 21.368 min Scan# 3125

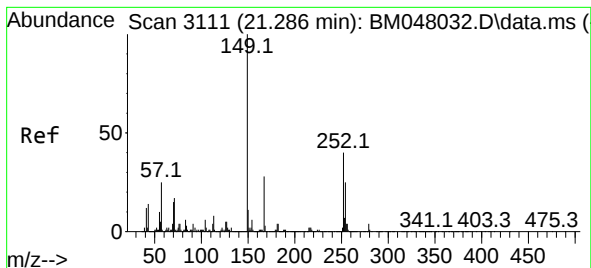
Delta R.T. 0.000 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

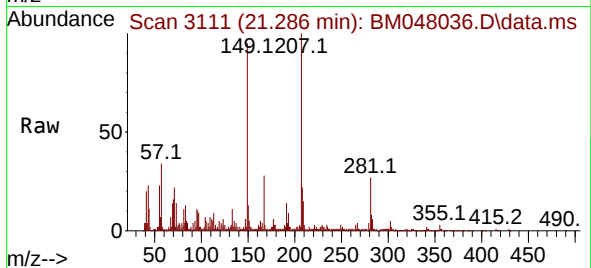
Tgt Ion:	228	Resp:	375432
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.6	23.4
226	27.2	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.607 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048036.D
Acq: 14 Oct 2024 20:12

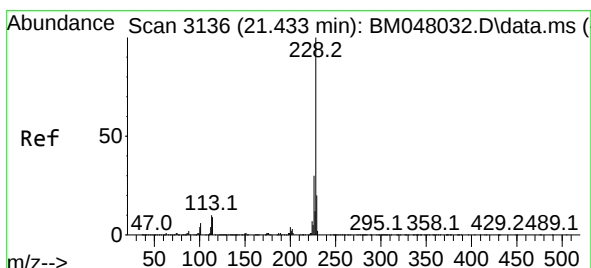
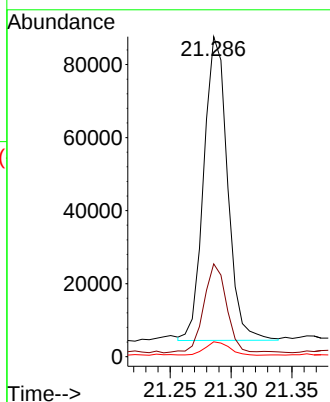
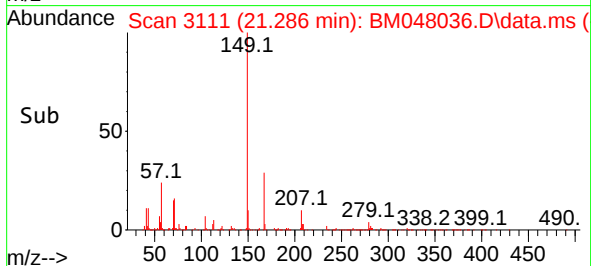
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 11314
Ion Ratio Lower Upper
149 100
167 29.0 21.3 31.9
279 4.7 2.7 4.1

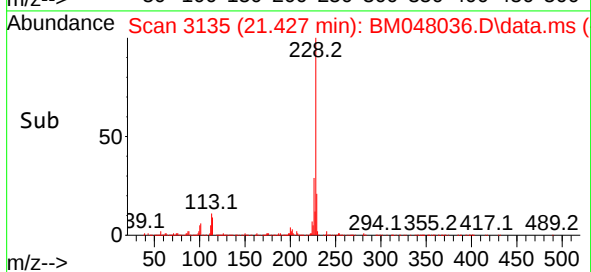
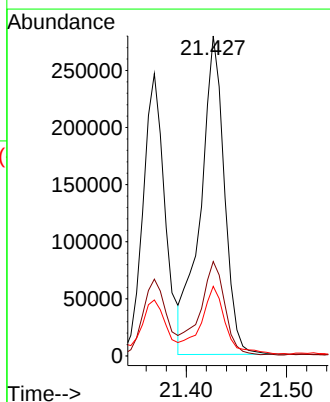
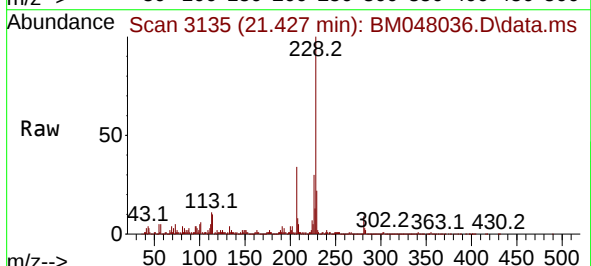
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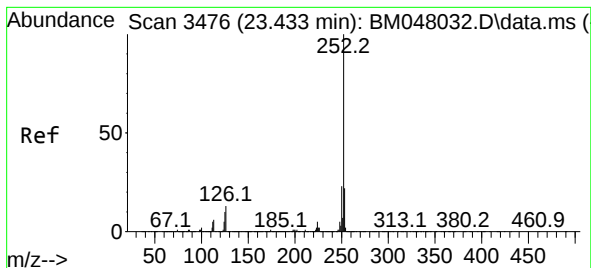
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 3.801 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048036.D
Acq: 14 Oct 2024 20:12

Tgt Ion:228 Resp: 462691
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 21.8 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 5.083 ng/ul

RT: 23.433 min Scan# 3476

Delta R.T. 0.006 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

Instrument :

BNA_M

ClientSampleId :

A4ET3

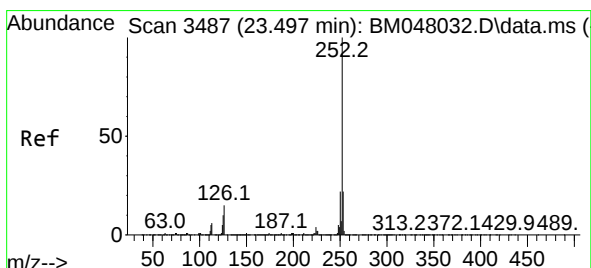
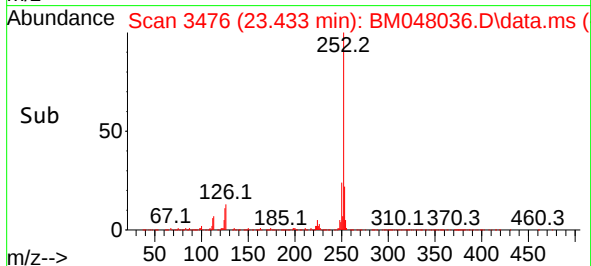
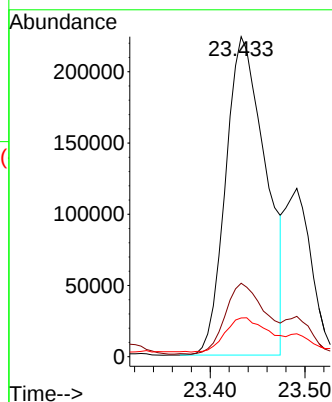
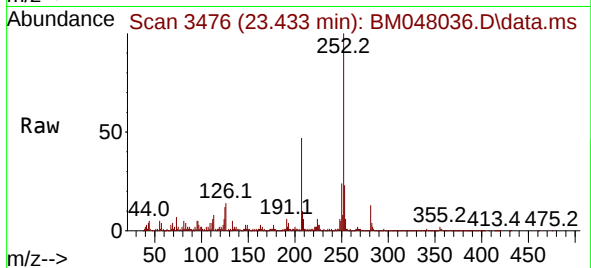
Tgt Ion:252 Resp: 65868
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.2
 125 12.1 9.0 13.4

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#91

Benzo(k)fluoranthene

Concen: 1.694 ng/ul m

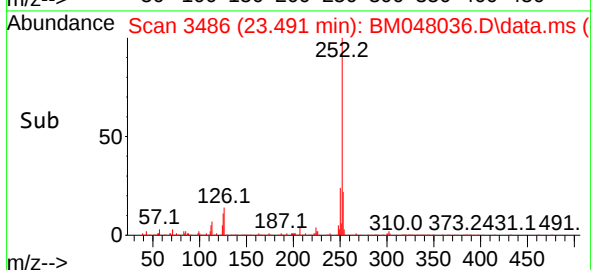
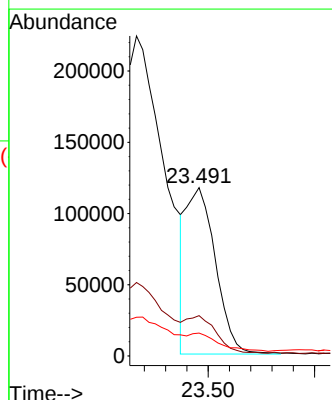
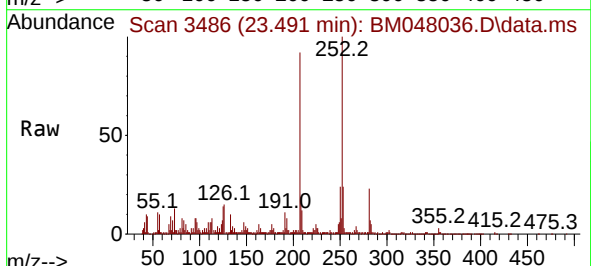
RT: 23.491 min Scan# 3486

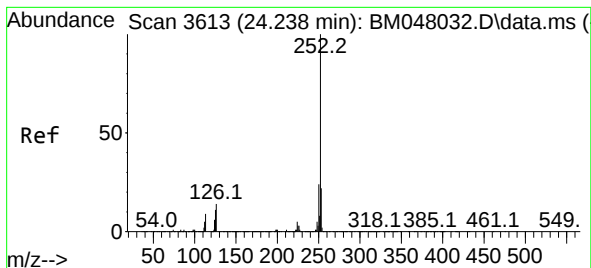
Delta R.T. 0.006 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

Tgt Ion:252 Resp: 224513
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.5 26.3
 125 13.6 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 1.890 ng/ul

RT: 24.238 min Scan# 30

Delta R.T. 0.006 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

Instrument :

BNM_M

ClientSampleId :

A4ET3

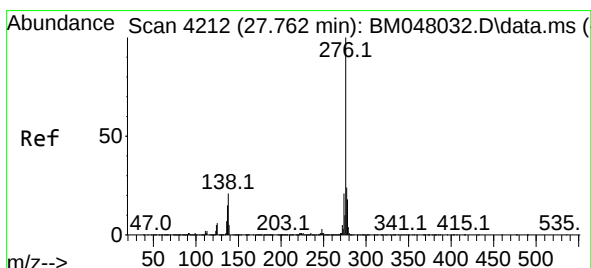
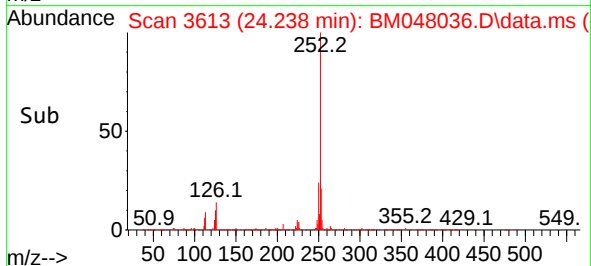
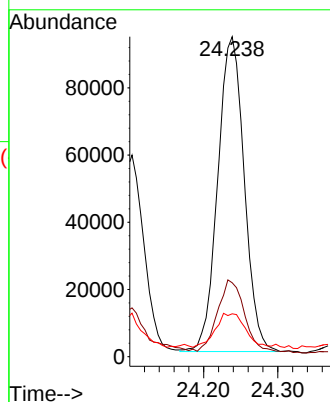
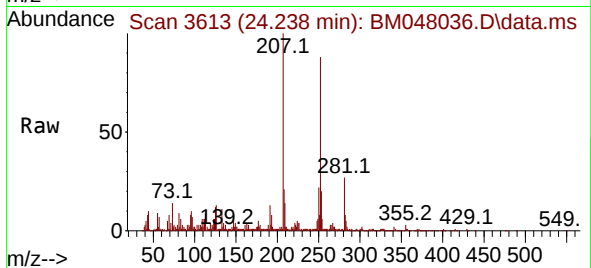
Tgt Ion:	252	Resp:	232604
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	13.4	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.537 ng/ul

RT: 27.750 min Scan# 4210

Delta R.T. 0.006 min

Lab File: BM048036.D

Acq: 14 Oct 2024 20:12

Tgt Ion:	276	Resp:	242463
Ion Ratio	Lower	Upper	
276	100		
138	22.5	16.9	25.3
277	26.3	18.9	28.3

