

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047921.D
 Acq On : 08 Oct 2024 20:24
 Operator : RC/JU
 Sample : P4183-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 02:41:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	219362	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	880880	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	527139	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1053063	20.000	ng/u1	0.00
79) Chrysene-d12	21.391	240	993084	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1103764	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9370	1.380	ng/uL	0.00
4) Pyridine-d5	3.687	84	12723m	0.640	ng/u1	0.02
7) Phenol-d5	6.963	99	248168	11.964	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	154942	10.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	205605	13.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	176638	11.453	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	94096	13.416	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	99136	14.750	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	192344	14.326	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	188590	9.086	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	561654	14.696	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	646677m	14.271	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	65573	8.618	ng/u1	0.00
60) Fluorene-d10	15.421	176	495428	14.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	49202	7.984	ng/u1	0.00
73) Anthracene-d10	17.262	188	751483	14.513	ng/u1	-0.01
81) Pyrene-d10	19.550	212	747637	13.265	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.185	264	593906	10.371	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.209	178	318368	5.155	ng/u1	99
74) Anthracene	17.298	178	69738	1.107	ng/u1	97
80) Fluoranthene	19.221	202	712616	10.735	ng/u1	99
82) Pyrene	19.580	202	448957	6.077	ng/u1	97
85) Benzo(a)anthracene	21.374	228	323557	4.653	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.297	149	103736	2.645	ng/u1	99
87) Chrysene	21.439	228	356275	5.256	ng/u1	98
90) Benzo(b)fluoranthene	23.444	252	442134	6.423	ng/u1	99
91) Benzo(k)fluoranthene	23.497	252	180700m	2.567	ng/u1	
93) Benzo(a)pyrene	24.250	252	135412	2.071	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.762	276	136525m	1.630	ng/u1	

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

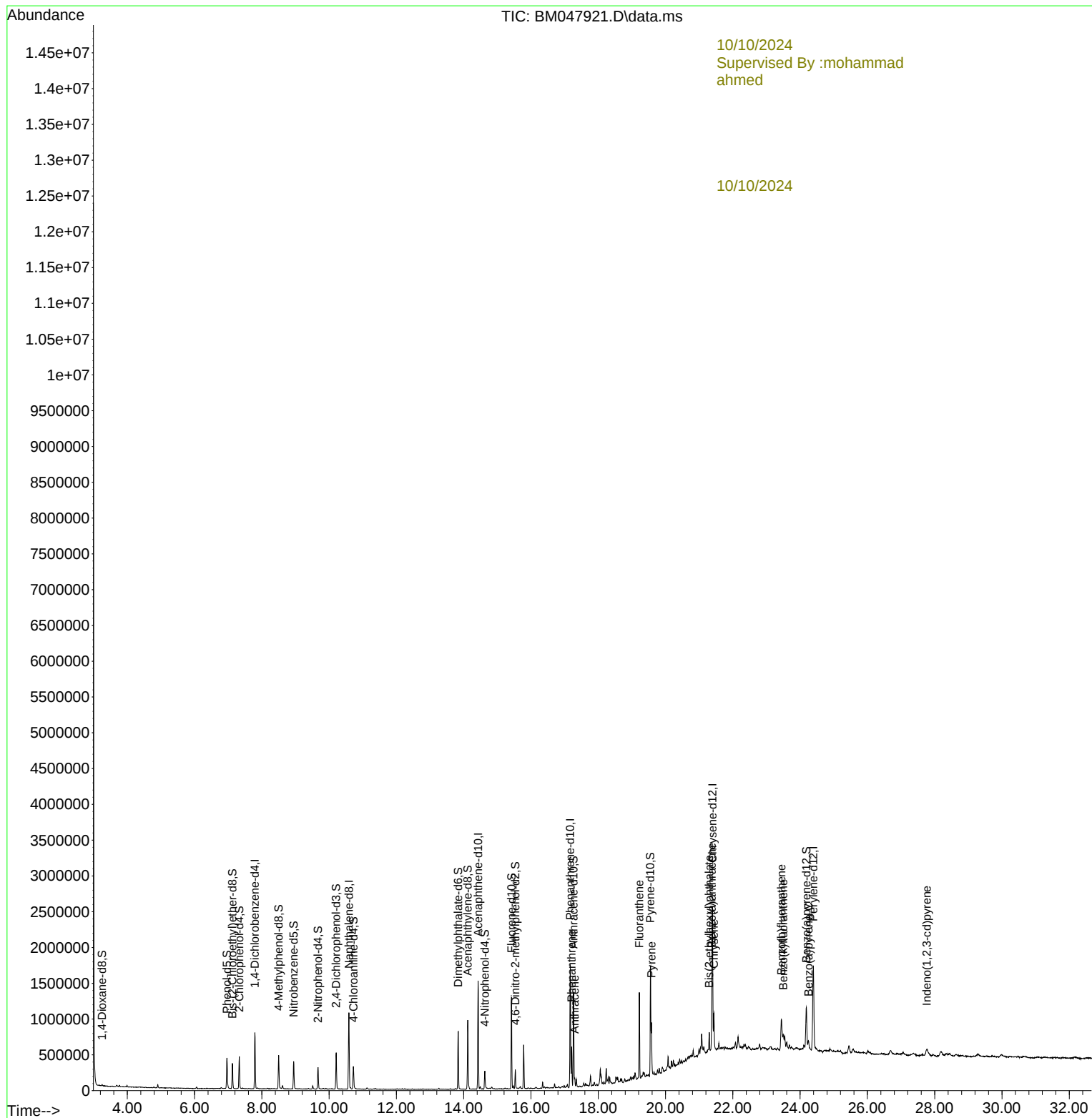
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
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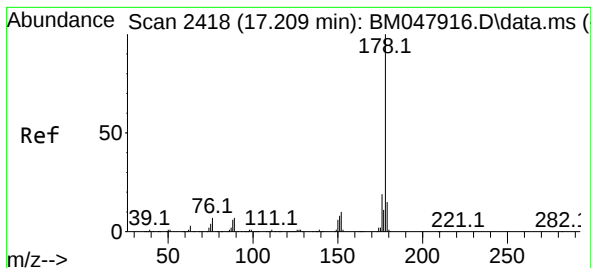
Instrument :
BNA_M
ClientSampleId :
A4EM4

Quant Time: Oct 09 02:41:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

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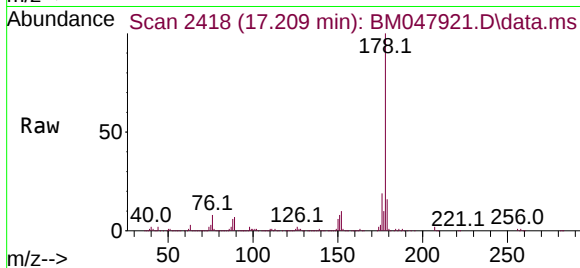
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





#72
Phenanthrene
Concen: 5.155 ng/u1
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047921.D
Acq: 08 Oct 2024 20:24

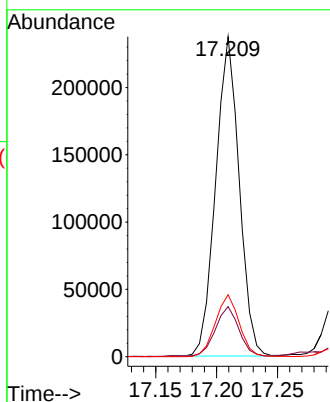
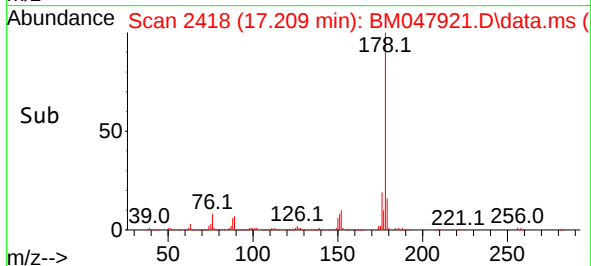
Instrument :
BNA_M
ClientSampleId :
A4EM4



Tgt Ion:178 Resp: 31836
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.4 15.4 23.0

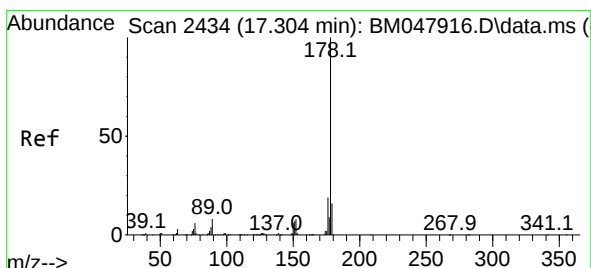
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Supervised By :mohammad ahmed 10/11/2024



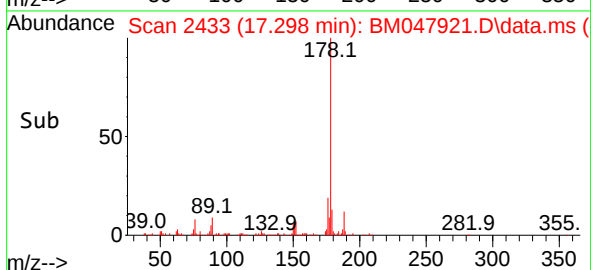
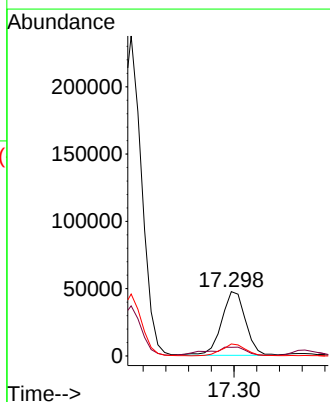
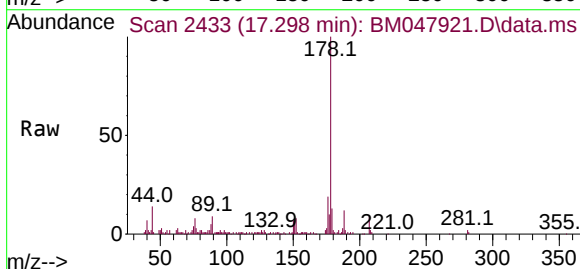
10/10/2024
Supervised By :mohammad
ahmed

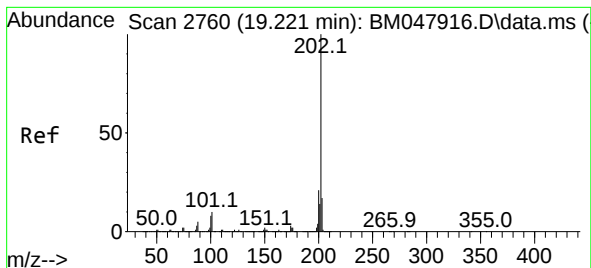
10/10/2024



#74
Anthracene
Concen: 1.107 ng/u1
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM047921.D
Acq: 08 Oct 2024 20:24

Tgt Ion:178 Resp: 69738
Ion Ratio Lower Upper
178 100
179 13.4 12.4 18.6
176 18.8 14.7 22.1





#80

Fluoranthene

Concen: 10.735 ng/ul

RT: 19.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Instrument :

BNM_M

ClientSampleId :

A4EM4

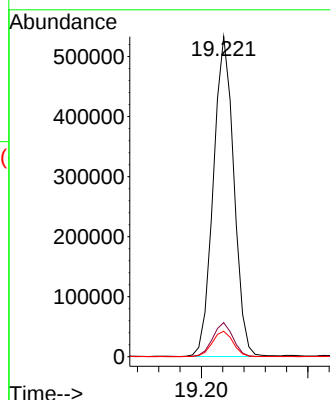
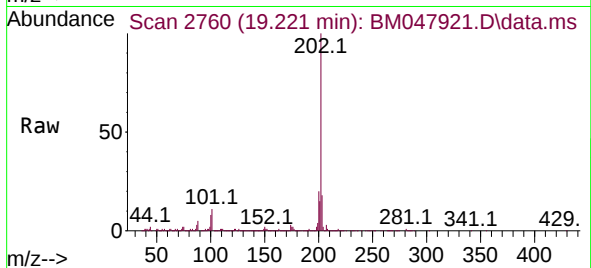
Tgt Ion:	202	Resp:	712610
Ion Ratio	Lower	Upper	
202	100		
101	10.7	9.0	13.4
100	8.0	6.8	10.2

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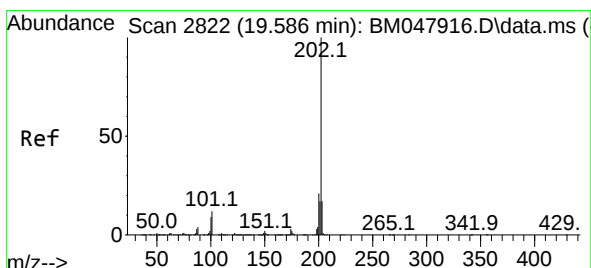
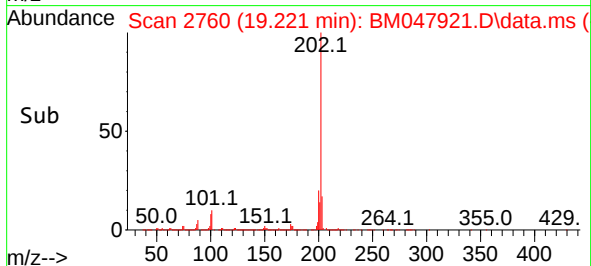
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ahmed

10/10/2024



#82

Pyrene

Concen: 6.077 ng/ul

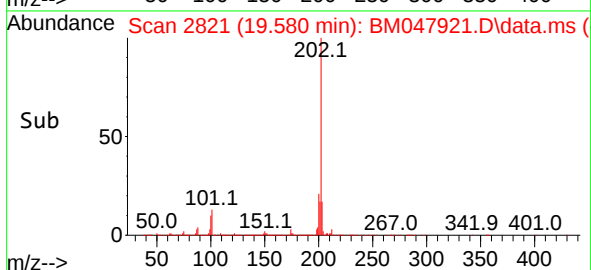
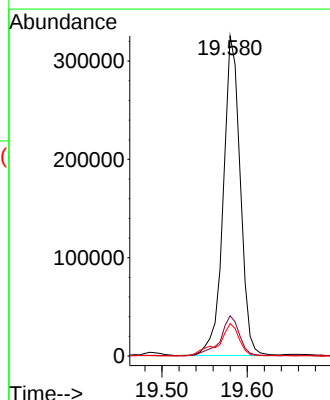
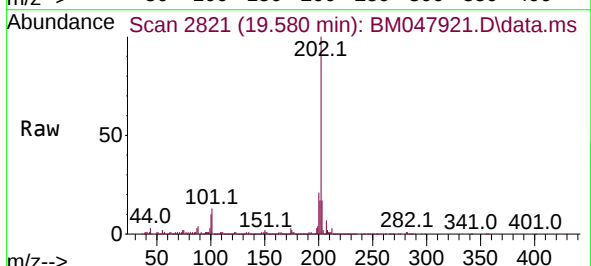
RT: 19.580 min Scan# 2821

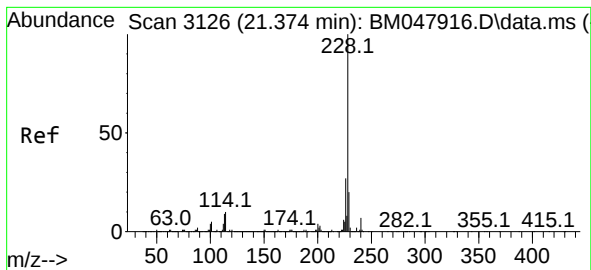
Delta R.T. -0.006 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Tgt Ion:	202	Resp:	448957
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.9	16.3
100	10.1	9.4	14.2





#85

Benzo(a)anthracene

Concen: 4.653 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Instrument :

BNA_M

ClientSampleId :

A4EM4

Tgt Ion:228 Resp: 32355

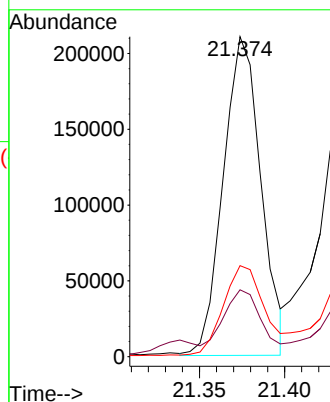
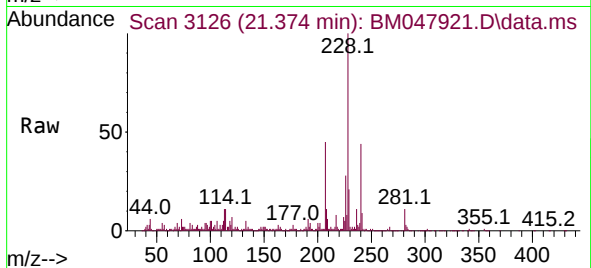
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.5	21.9	32.9

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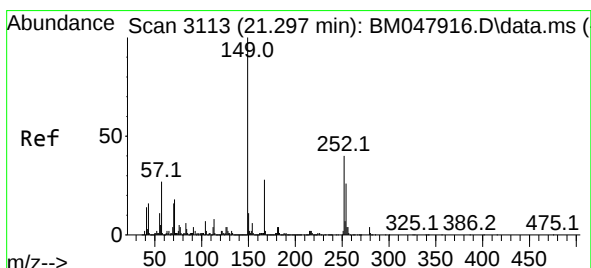
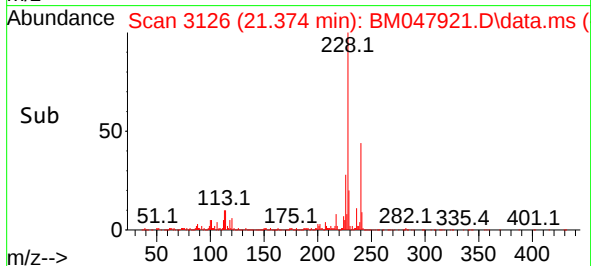
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ahmed

10/10/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.645 ng/ul

RT: 21.297 min Scan# 3113

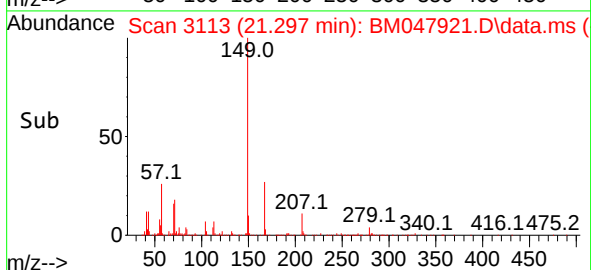
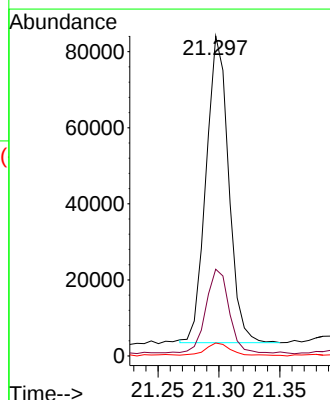
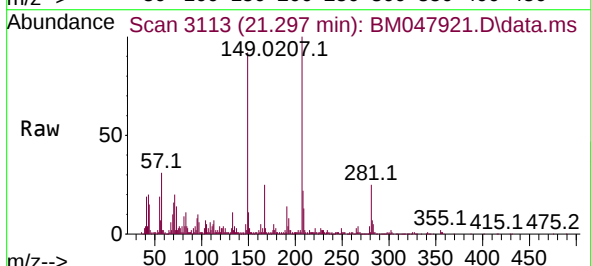
Delta R.T. -0.006 min

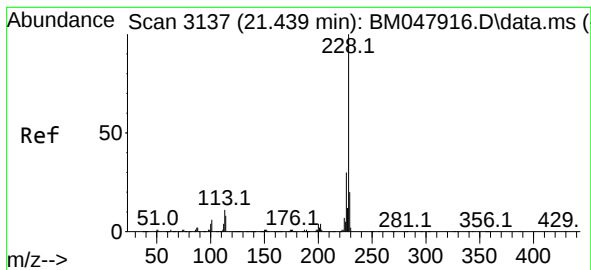
Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Tgt Ion:149 Resp: 103736

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	2.7	4.1





#87

Chrysene

Concen: 5.256 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Instrument :

BNA_M

ClientSampleId :

A4EM4

Tgt Ion:228 Resp: 356275

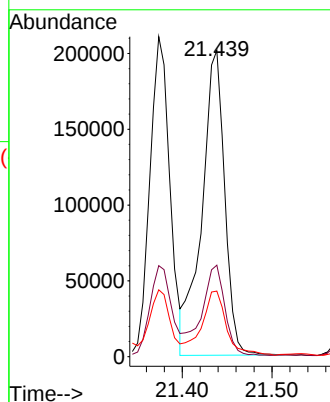
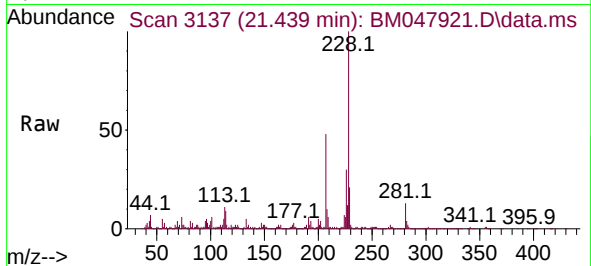
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	21.4	15.3	22.9

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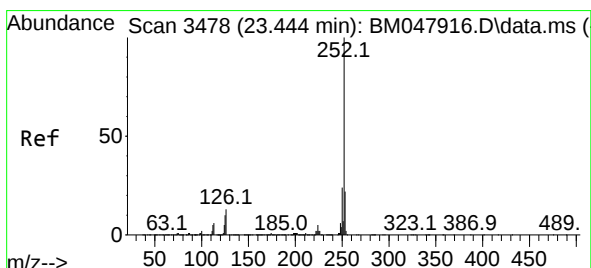
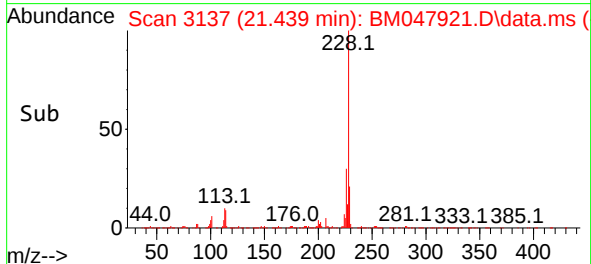
Supervised By :mohammad ahmed 10/11/2024



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#90

Benzo(b)fluoranthene

Concen: 6.423 ng/ul

RT: 23.444 min Scan# 3478

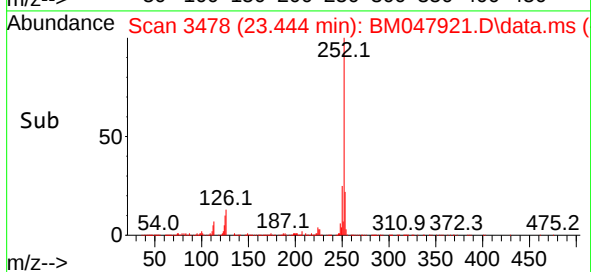
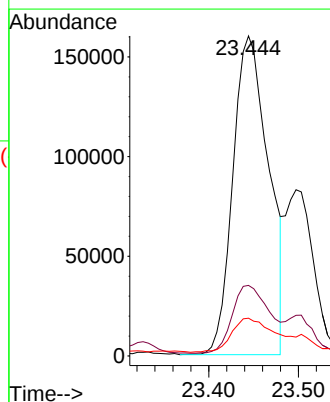
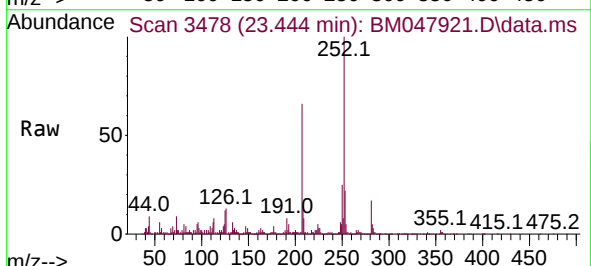
Delta R.T. -0.006 min

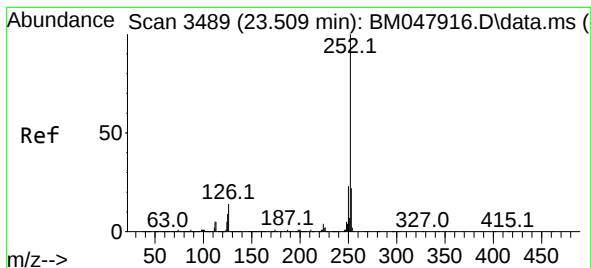
Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Tgt Ion:252 Resp: 442134

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.8	9.0	13.4





#91

Benzo(k)fluoranthene

Concen: 2.567 ng/ul m

RT: 23.497 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

Instrument :

BNA_M

ClientSampleId :

A4EM4

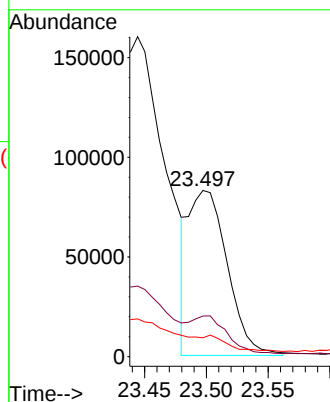
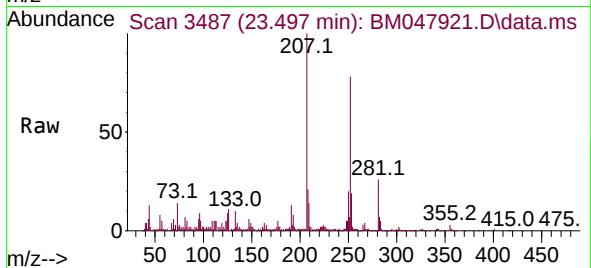
Tgt Ion:252	Resp: 180700
Ion Ratio	Lower Upper
252 100	
253 24.5	17.5 26.3
125 11.4	8.9 13.3

Manual Integrations

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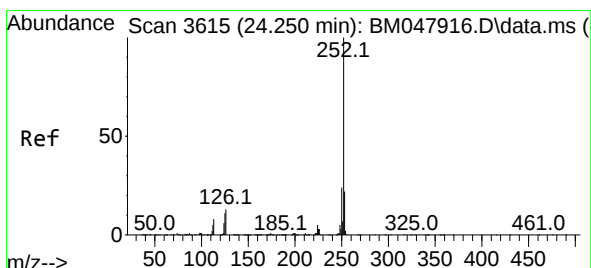
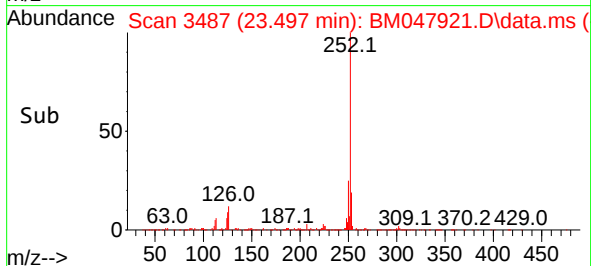
Supervised By :mohammad ahmed 10/11/2024



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Supervised By :mohammad ahmed

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#93

Benzo(a)pyrene

Concen: 2.071 ng/ul

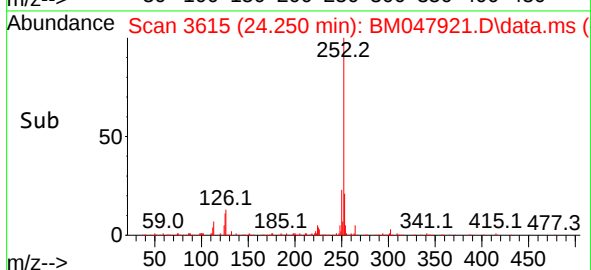
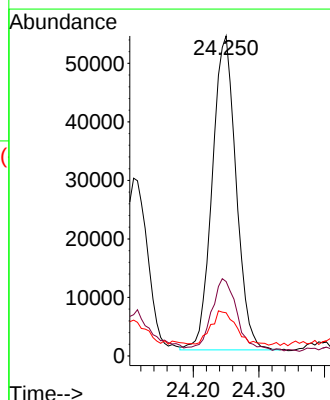
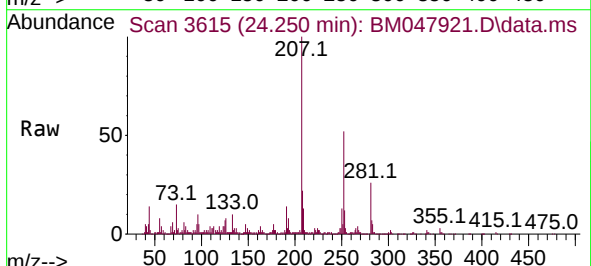
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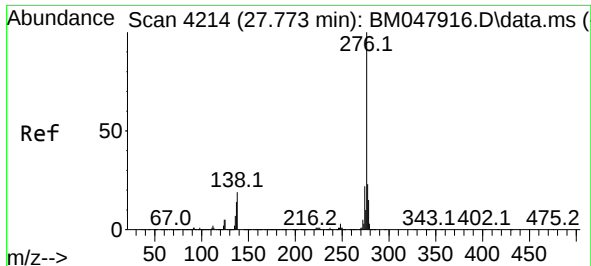
Delta R.T. -0.006 min

Lab File: BM047921.D

Acq: 08 Oct 2024 20:24

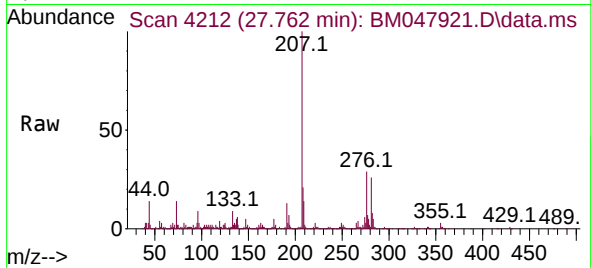
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Ion Ratio	Lower Upper
252 100	
253 23.3	17.2 25.8
125 13.5	10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.630 ng/ul m
RT: 27.762 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM047921.D
Acq: 08 Oct 2024 20:24

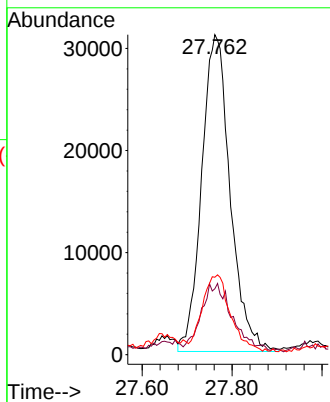
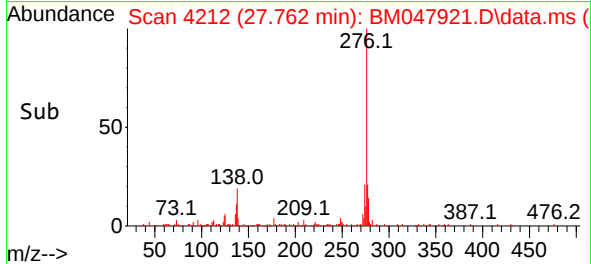
Instrument :
BNA_M
ClientSampleId :
A4EM4



Tgt Ion:276 Resp: 13652
Ion Ratio Lower Upper
276 100
138 20.6 16.9 25.3
277 24.2 18.9 28.3

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10/10/2024
Supervised By :mohammad
ahmed

10/10/2024