

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048053.D
 Acq On : 15 Oct 2024 08:04
 Operator : RC/JU
 Sample : P4238-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EZ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

10/16/2024
 Supervised By :mohammad
 ahmed

Quant Time: Oct 15 08:40:20 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	7.787	152	249941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1006168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	634412	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1294271	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1130902	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1345619	20.000	ng/u1	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	8890	1.149	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.963	99	144327	6.107	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	91439	5.452	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	135125	7.858	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	87396	4.974	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	64072	7.998	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	70980	9.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	125403	8.177	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	50415	2.126	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	407624	8.862	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	484311	8.881	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	37354m	4.079	ng/u1	0.02
60) Fluorene-d10	15.416	176	379784	9.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	21255	2.806	ng/u1	0.00
73) Anthracene-d10	17.262	188	603205	9.478	ng/u1	0.00
81) Pyrene-d10	19.551	212	623363	9.712	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	463111	6.633	ng/u1	0.02

Target Compounds					Qvalue
72) Phenanthrene	17.204	178	592522	7.807	ng/u1 100
74) Anthracene	17.298	178	119197	1.540	ng/u1 99
80) Fluoranthene	19.215	202	1536159	20.321	ng/u1 99
82) Pyrene	19.580	202	1081349	12.852	ng/u1 96
85) Benzo(a)anthracene	21.374	228	639399	8.075	ng/u1 98
86) Bis(2-ethylhexyl)phtha...	21.292	149	239767	5.369	ng/u1# 96
87) Chrysene	21.433	228	747777	9.687	ng/u1 97
90) Benzo(b)fluoranthene	23.444	252	1137775	13.558	ng/u1 99
91) Benzo(k)fluoranthene	23.497	252	353200m	4.116	ng/u1
93) Benzo(a)pyrene	24.244	252	380962	4.780	ng/u1 94
94) Indeno(1,2,3-cd)pyrene	27.774	276	406384	3.979	ng/u1 97
95) Dibenzo(a,h)anthracene	27.815	278	139898	1.671	ng/u1# 84

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

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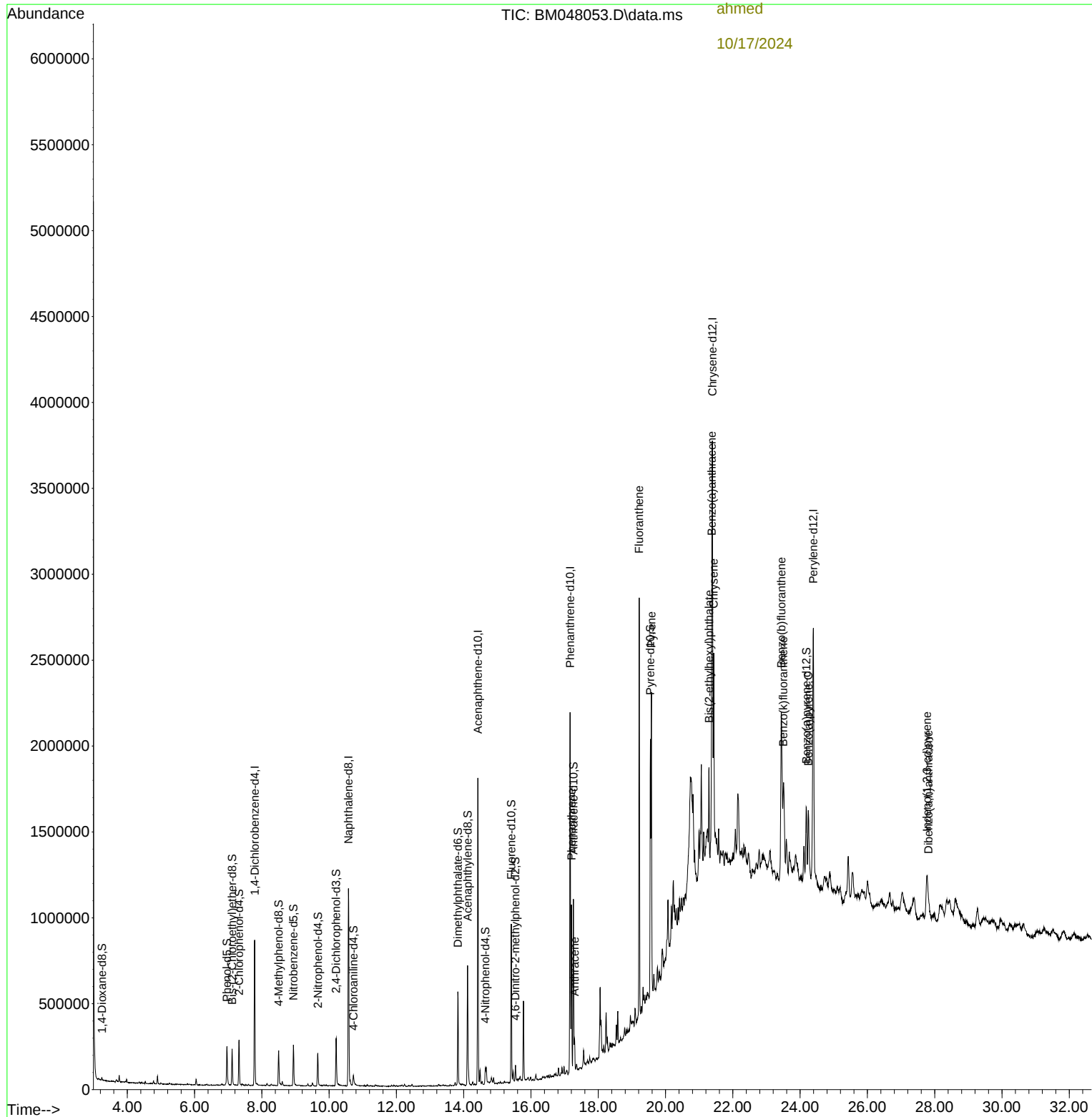
Instrument :
BNA_M
ClientSampleId :
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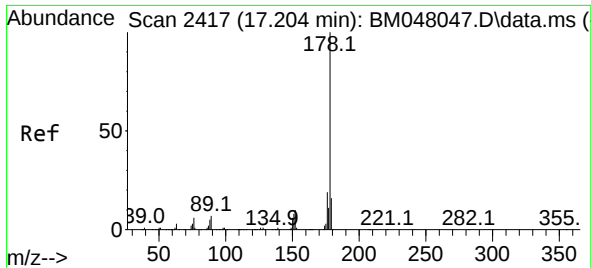
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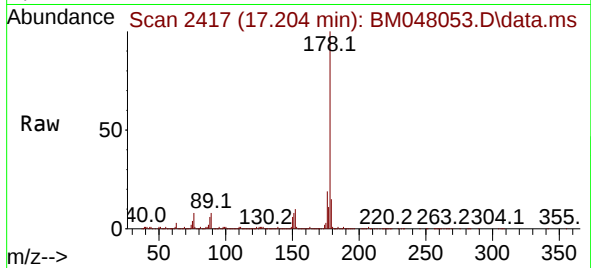
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#72
Phenanthrene
Concen: 7.807 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

Instrument :
BNA_M
ClientSampleId :
A4EZ6



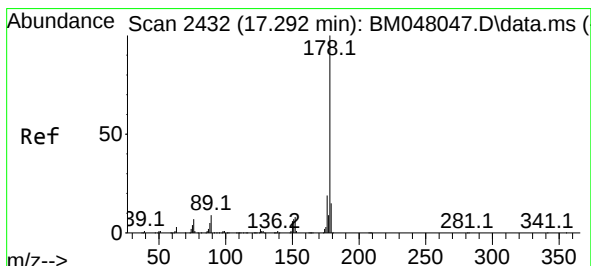
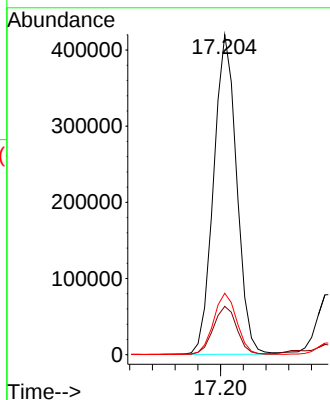
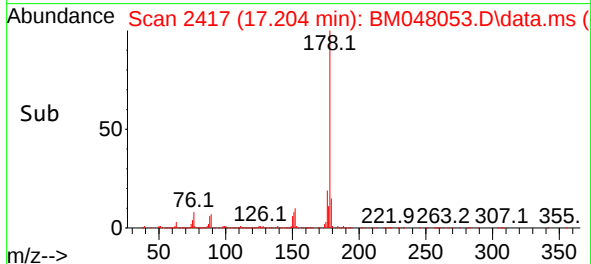
Tgt Ion:178 Resp: 59252
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 19.2 15.4 23.0

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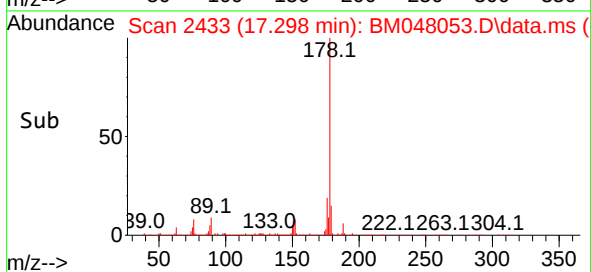
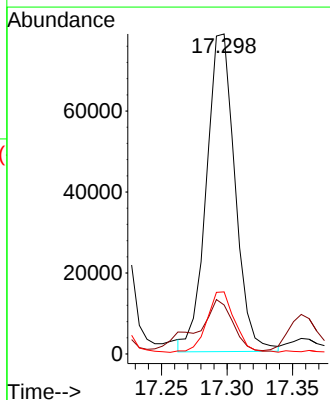
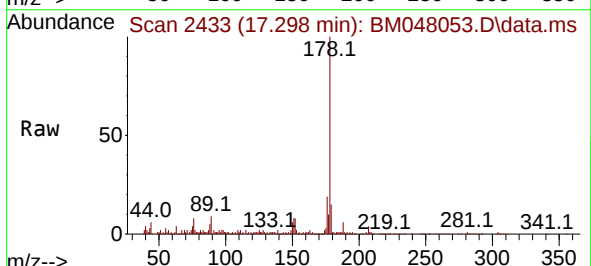
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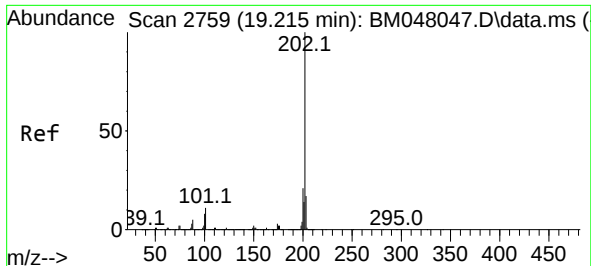
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#74
Anthracene
Concen: 1.540 ng/u1
RT: 17.298 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

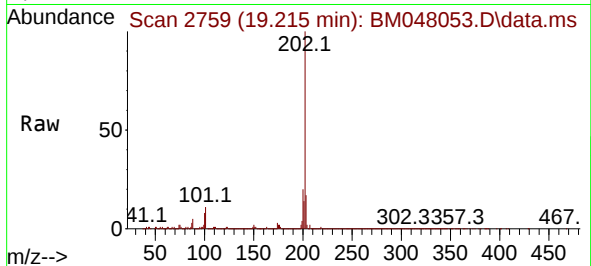
Tgt Ion:178 Resp: 119197
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.4 14.7 22.1





#80
Fluoranthene
Concen: 20.321 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

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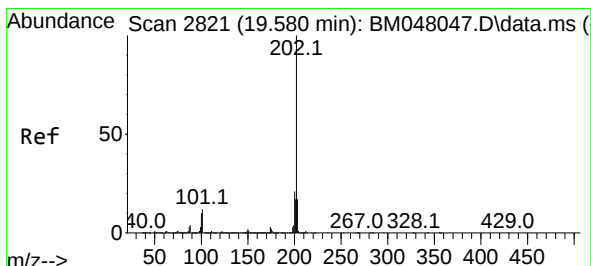
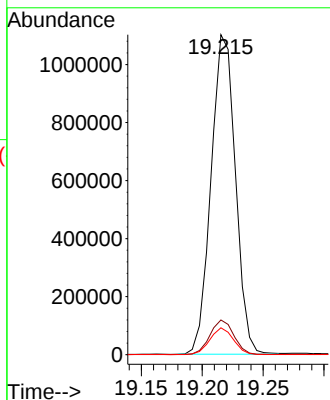
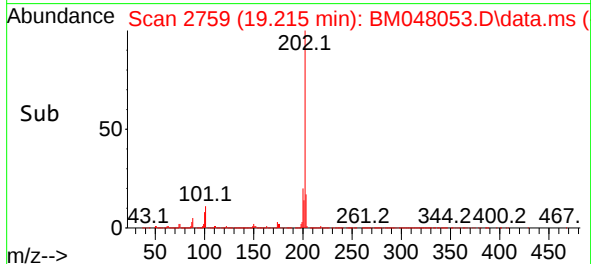
Tgt Ion:202 Resp: 153615
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.4 6.8 10.2

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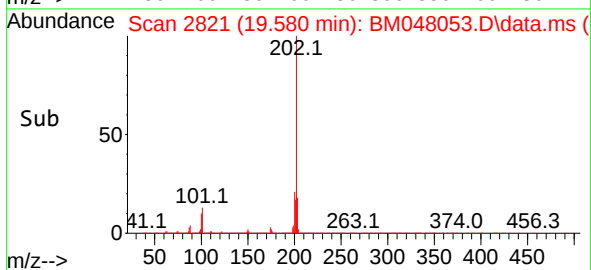
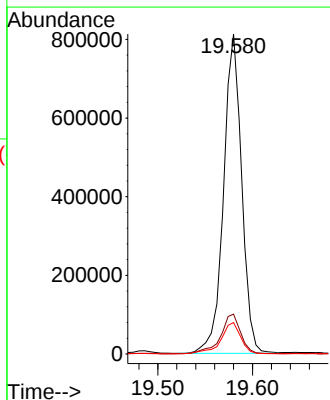
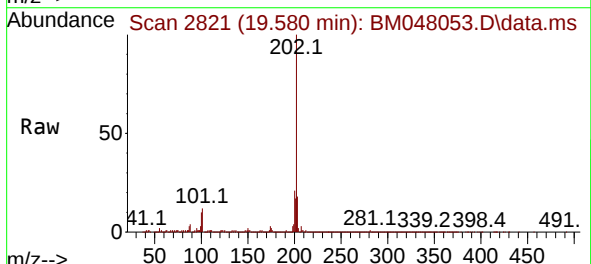
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ahmed

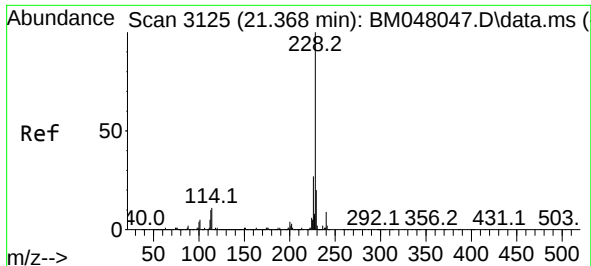
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#82
Pyrene
Concen: 12.852 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

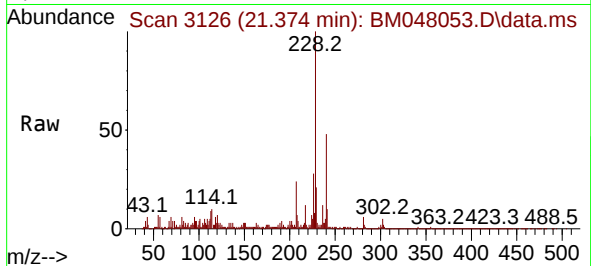
Tgt Ion:202 Resp: 1081349
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 9.8 9.4 14.2





#85
Benzo(a)anthracene
Concen: 8.075 ng/u1
RT: 21.374 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

Instrument :
BNA_M
ClientSampleId :
A4EZ6



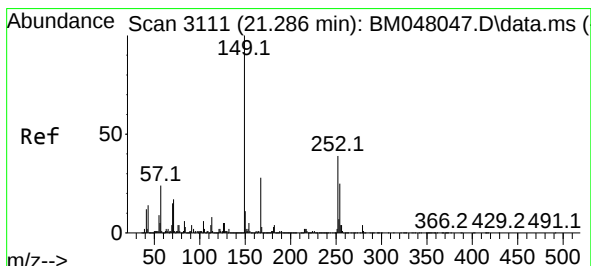
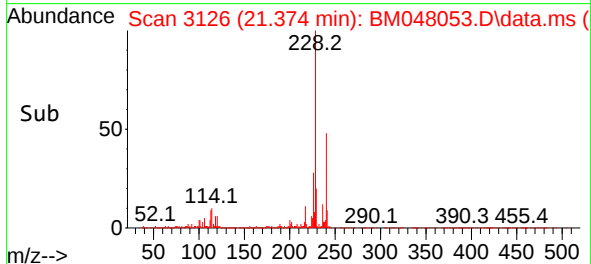
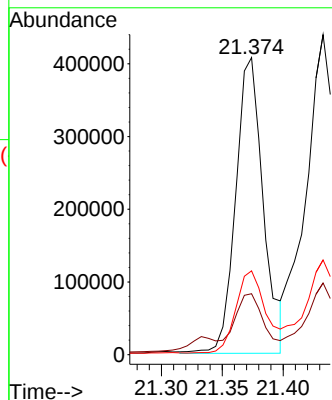
Tgt Ion:228 Resp: 639399
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.2 21.9 32.9

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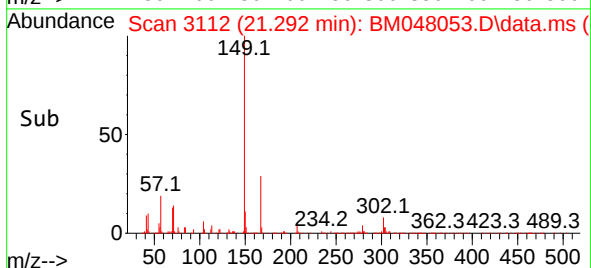
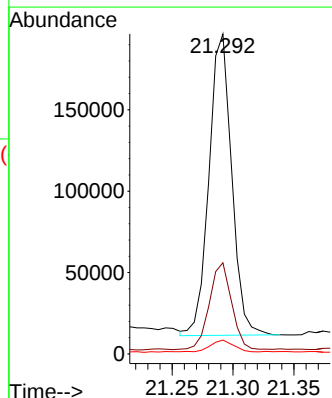
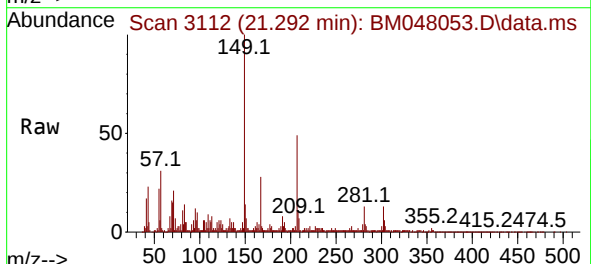
10/16/2024
Supervised By :mohammad
ahmed

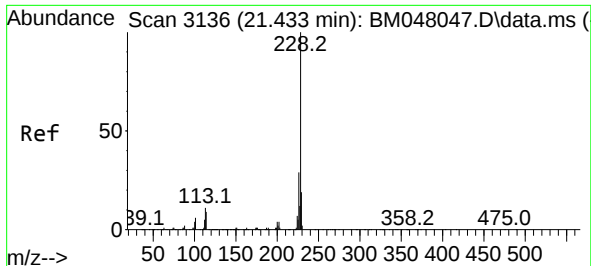
10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.369 ng/u1
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

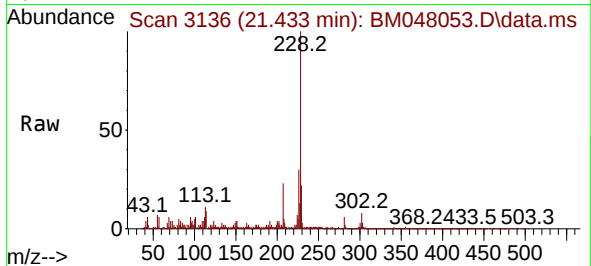
Tgt Ion:149 Resp: 239767
Ion Ratio Lower Upper
149 100
167 28.5 21.3 31.9
279 4.3 2.7 4.1#





#87
Chrysene
Concen: 9.687 ng/u1
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

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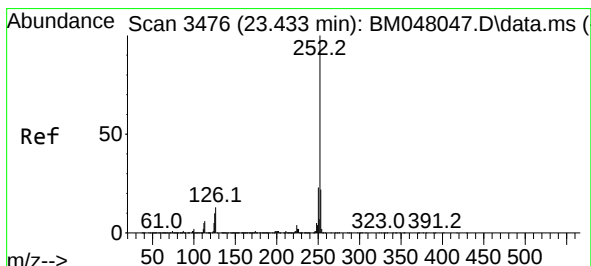
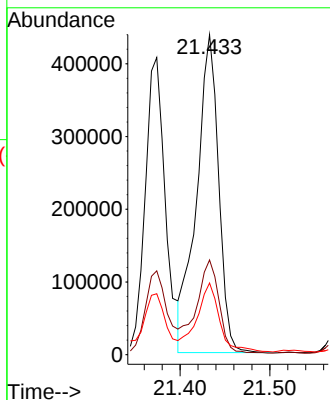
Tgt Ion:228 Resp: 747775
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 22.4 15.3 22.9

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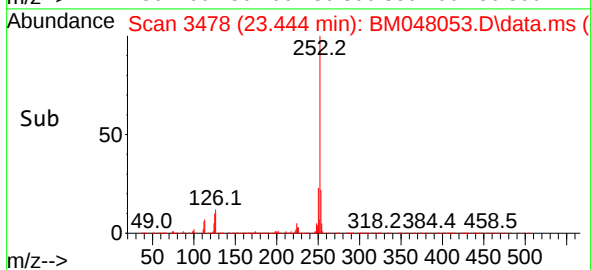
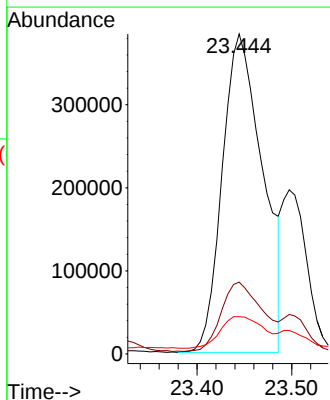
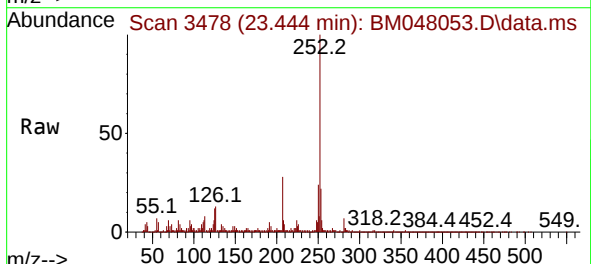
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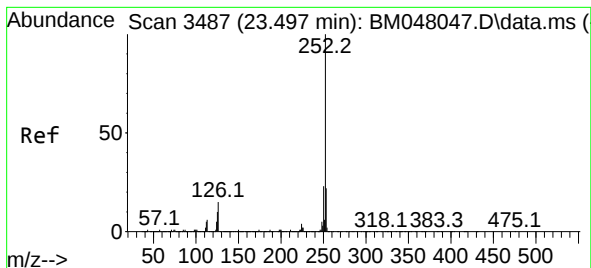
10/17/2024



#90
Benzo(b)fluoranthene
Concen: 13.558 ng/u1
RT: 23.444 min Scan# 3478
Delta R.T. 0.018 min
Lab File: BM048053.D
Acq: 15 Oct 2024 08:04

Tgt Ion:252 Resp: 1137775
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.6 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 4.116 ng/ul m

RT: 23.497 min Scan# 3487

Delta R.T. 0.012 min

Lab File: BM048053.D

Acq: 15 Oct 2024 08:04

Instrument :

BNA_M

ClientSampleId :

A4EZ6

Tgt Ion:252 Resp: 353200

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	14.3	8.9	13.3

Manual Integrations

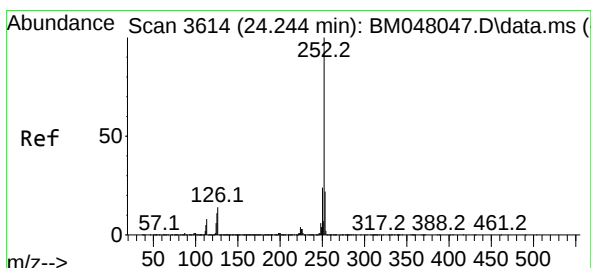
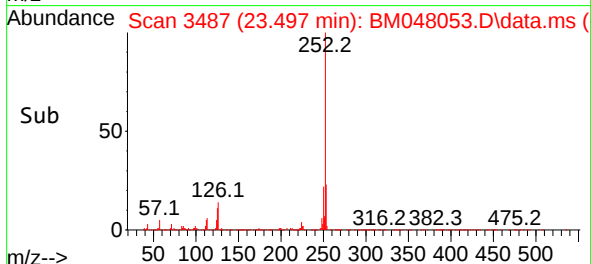
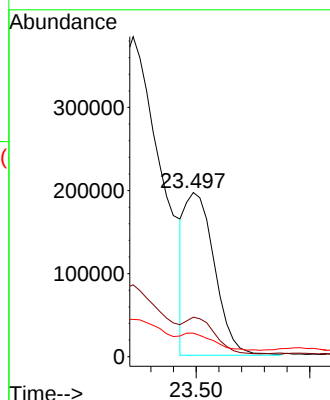
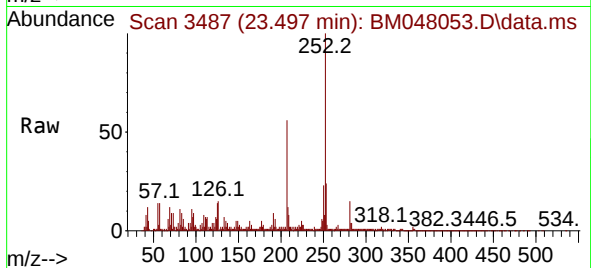
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#93

Benzo(a)pyrene

Concen: 4.780 ng/ul

RT: 24.244 min Scan# 3614

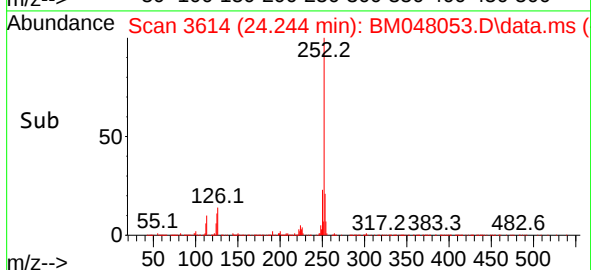
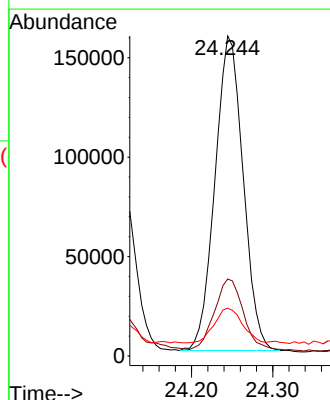
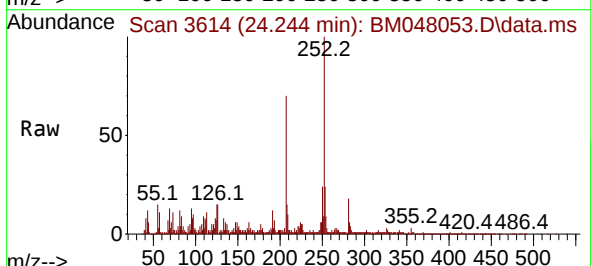
Delta R.T. 0.012 min

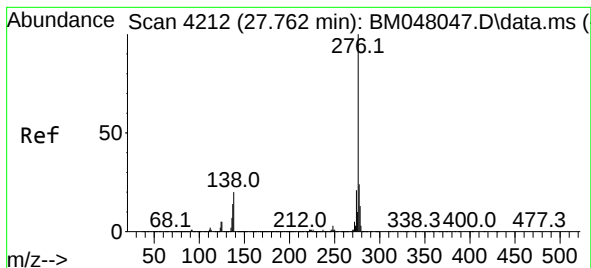
Lab File: BM048053.D

Acq: 15 Oct 2024 08:04

Tgt Ion:252 Resp: 380962

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	14.9	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.979 ng/ul

RT: 27.774 min Scan# 4212

Delta R.T. 0.030 min

Lab File: BM048053.D

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Tgt Ion:	276	Resp:	406384
Ion Ratio	Lower	Upper	
276	100		
138	21.4	16.9	25.3
277	25.7	18.9	28.3

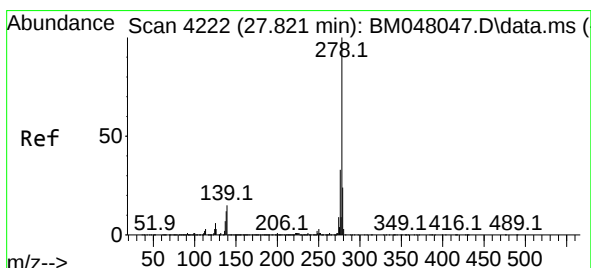
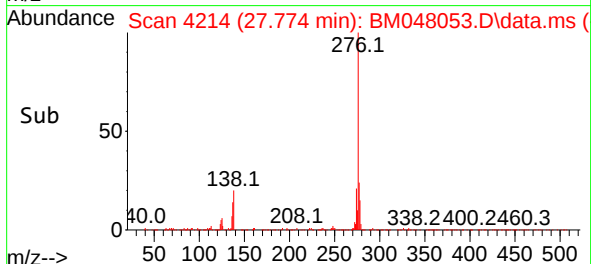
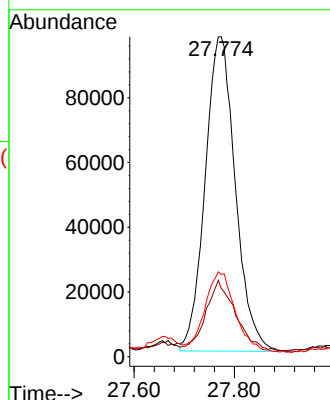
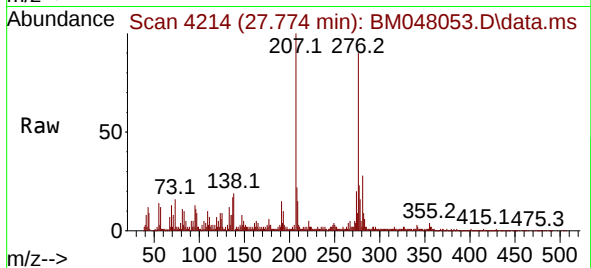
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ahmed

10/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.671 ng/ul

RT: 27.815 min Scan# 4221

Delta R.T. 0.018 min

Lab File: BM048053.D

Acq: 15 Oct 2024 08:04

Tgt Ion:	278	Resp:	139898
Ion Ratio	Lower	Upper	
278	100		
139	23.5	13.4	20.2#
279	30.8	18.4	27.6#

