

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048081.D
 Acq On : 16 Oct 2024 09:35
 Operator : RC/JU
 Sample : P4350-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EOAK7

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 10:58:59 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	7.775	152	273302	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1119045	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	691577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1361274	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1227531	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1356948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	20788	2.458	ng/uL	0.00
4) Pyridine-d5	3.652	84	294812	11.906	ng/u1	0.00
7) Phenol-d5	6.952	99	399947	15.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	241863	13.189	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	349115	18.567	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	338485	17.616	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	162107	18.194	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	180559	21.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	336081	19.704	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	446248m	16.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	1090257	21.744	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	1245796	20.956	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	102762	10.294	ng/u1	0.01
60) Fluorene-d10	15.410	176	949071	21.853	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	71815	9.015	ng/u1	0.00
73) Anthracene-d10	17.257	188	1499037	22.395	ng/u1	0.00
81) Pyrene-d10	19.545	212	1730080	24.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	1718702	24.412	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.981	94	36681	1.334	ng/u1	96
72) Phenanthrene	17.198	178	604839	7.577	ng/u1	100
74) Anthracene	17.286	178	81691	1.003	ng/u1	98
80) Fluoranthene	19.210	202	913158	11.129	ng/u1	100
82) Pyrene	19.574	202	747763	8.188	ng/u1	97
85) Benzo(a)anthracene	21.368	228	323211	3.761	ng/u1	98
87) Chrysene	21.427	228	353886	4.224	ng/u1	97
90) Benzo(b)fluoranthene	23.433	252	441648	5.219	ng/u1	99
91) Benzo(k)fluoranthene	23.492	252	144738m	1.673	ng/u1	
93) Benzo(a)pyrene	24.239	252	280309	3.488	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.756	276	199021	1.932	ng/u1	98
96) Benzo(g,h,i)perylene	28.803	276	194952	2.416	ng/u1	99

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

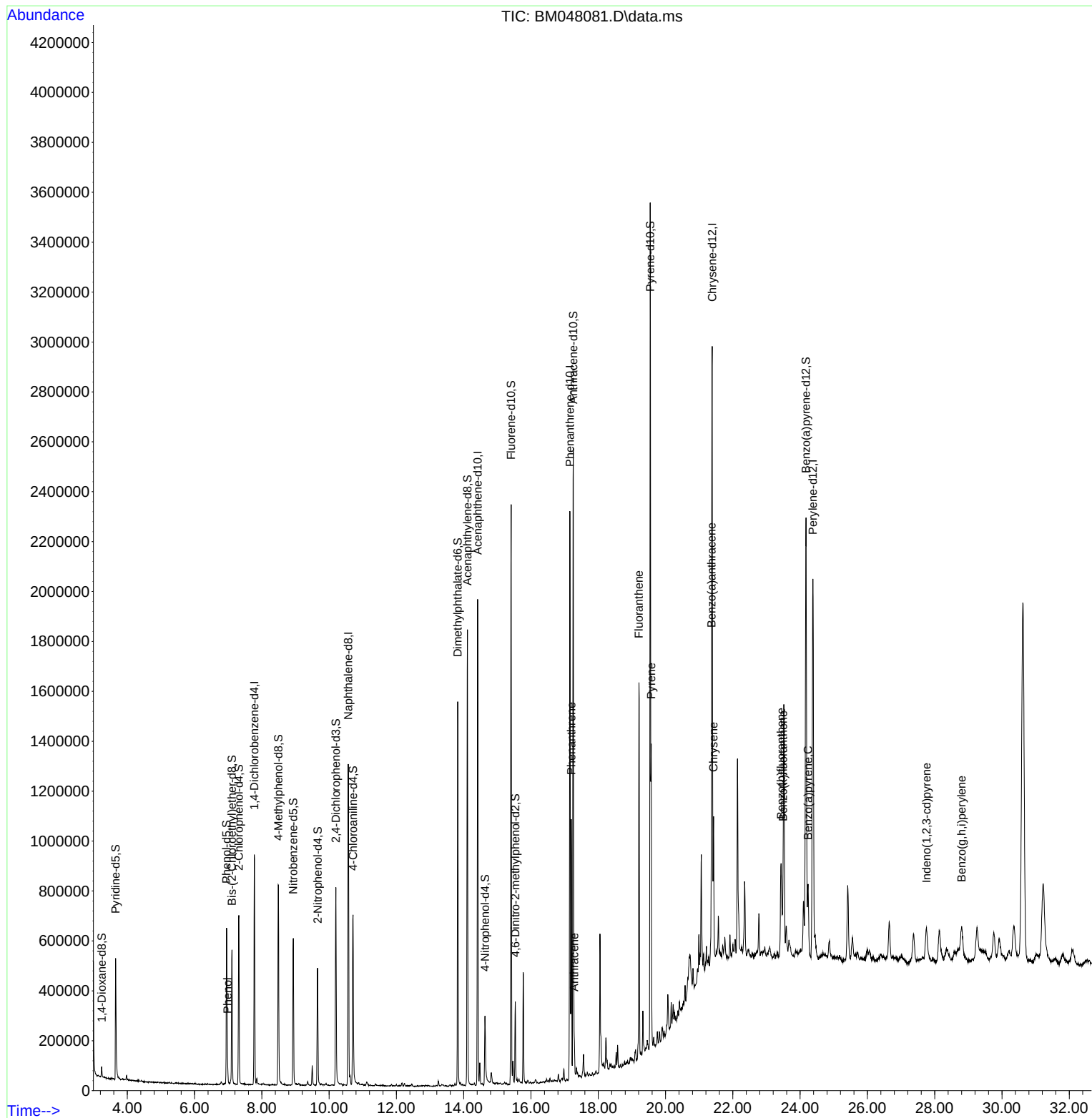
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048081.D
Acq On : 16 Oct 2024 09:35
Operator : RC/JU
Sample : P4350-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

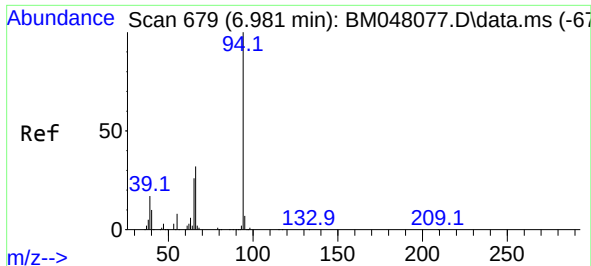
Instrument :
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Quant Time: Oct 16 10:58:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

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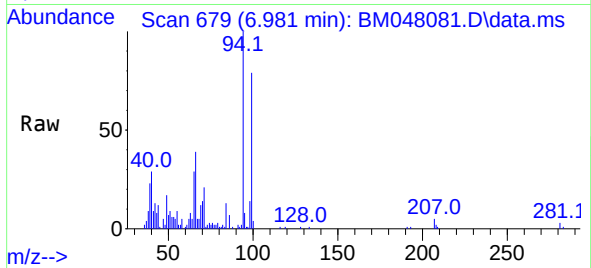
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024





#8
Phenol
Concen: 1.334 ng/u1
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

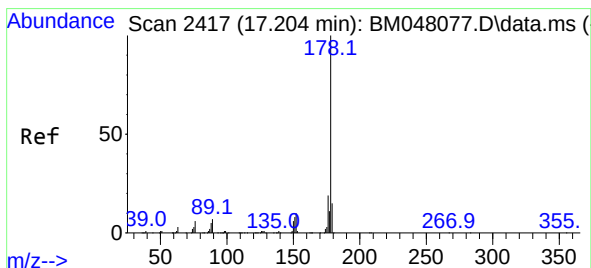
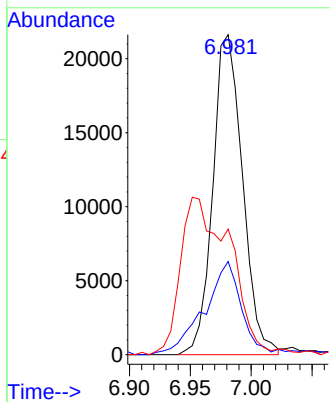
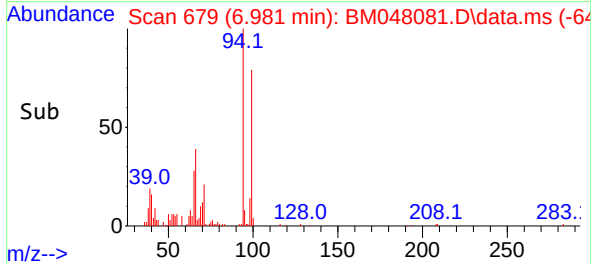
Instrument :
BNA_M
ClientSampleId :
EOAK7



Tgt Ion: 94 Resp: 3668
Ion Ratio Lower Upper
94 100
65 29.1 26.3 39.5
66 39.3 30.5 45.7

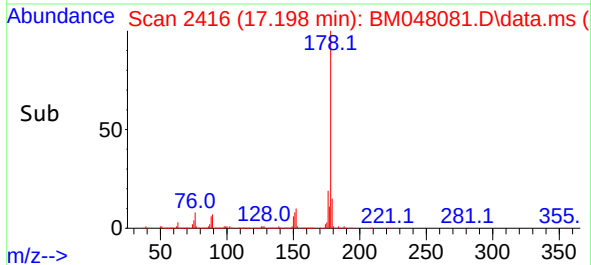
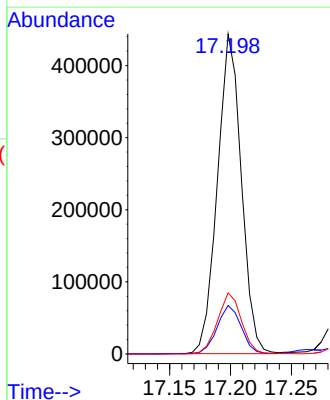
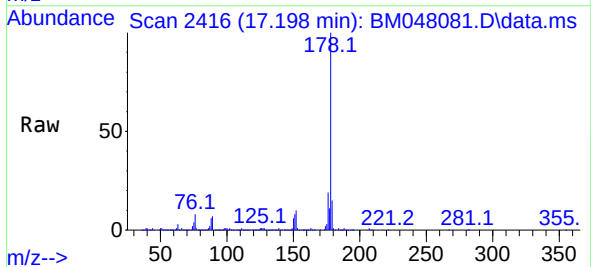
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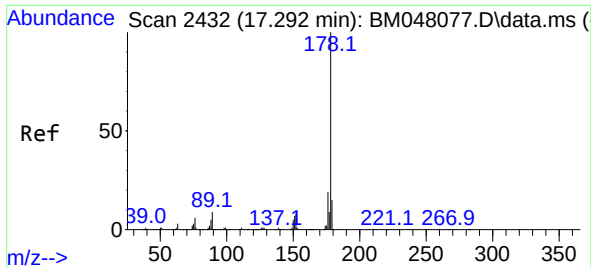
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 7.577 ng/u1
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

Tgt Ion:178 Resp: 604839
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.1 15.4 23.0





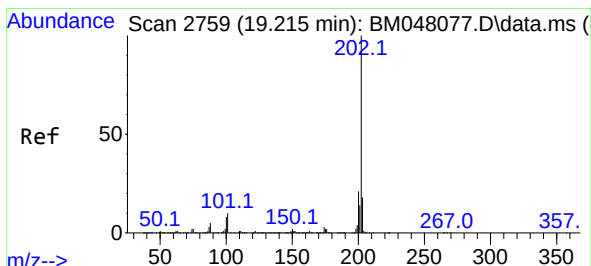
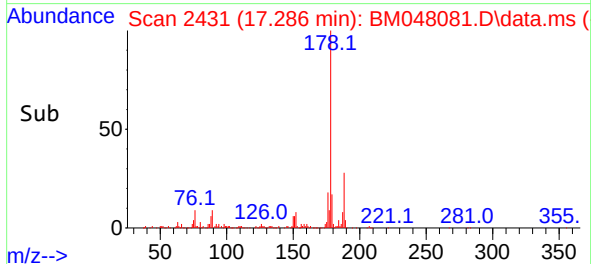
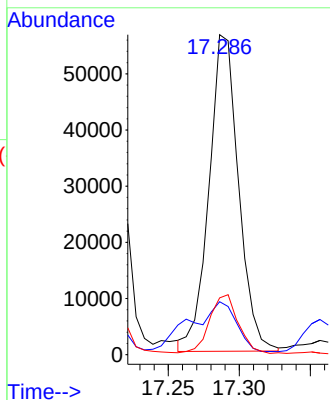
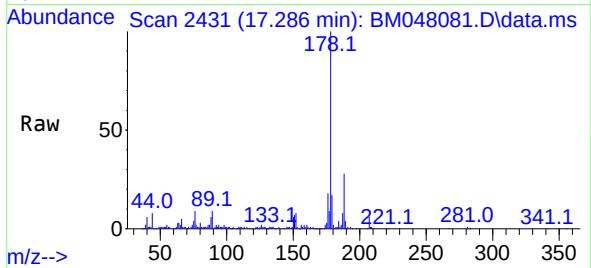
#74
 Anthracene
 Concen: 1.003 ng/u1
 RT: 17.286 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BM048081.D
 Acq: 16 Oct 2024 09:35

Instrument :
 BNA_M
 ClientSampleId :
 EOAK7

Tgt Ion:178 Resp: 8169
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.4 18.6
 176 17.7 14.7 22.1

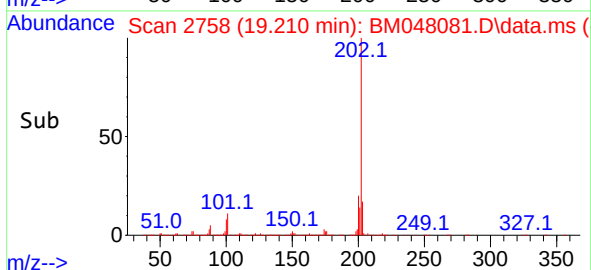
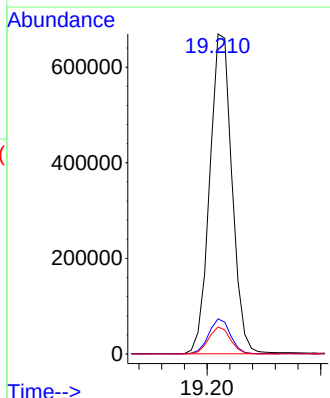
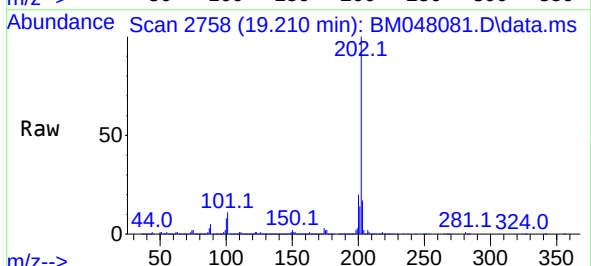
Manual Integrations
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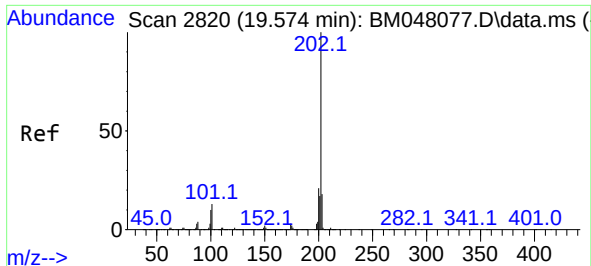
Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024



#80
 Fluoranthene
 Concen: 11.129 ng/u1
 RT: 19.210 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM048081.D
 Acq: 16 Oct 2024 09:35

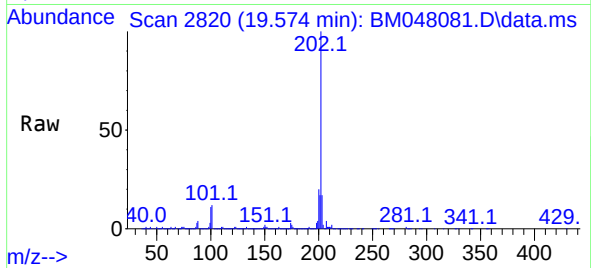
Tgt Ion:202 Resp: 913158
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.0 13.4
 100 8.4 6.8 10.2





#82
Pyrene
Concen: 8.188 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

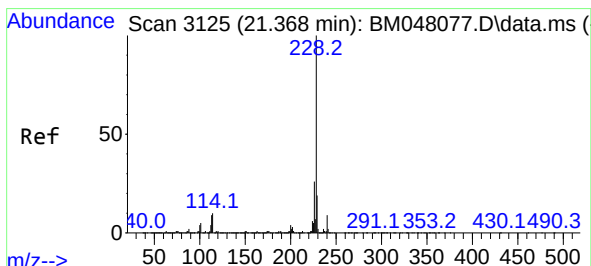
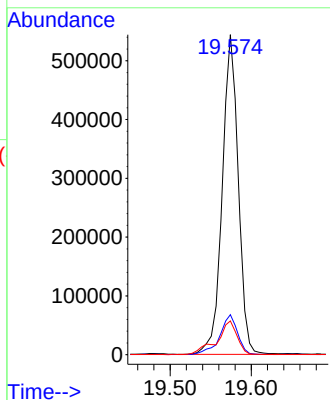
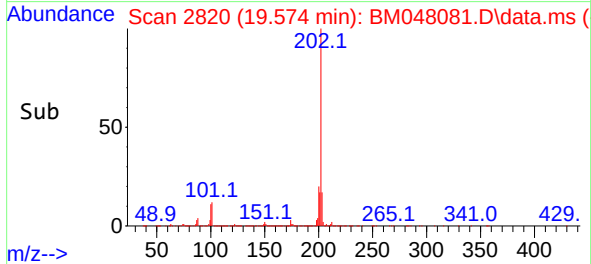
Instrument :
BNA_M
ClientSampleId :
EOAK7



Tgt Ion:202 Resp: 74776
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 10.5 9.4 14.2

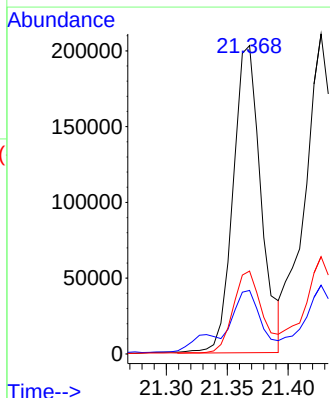
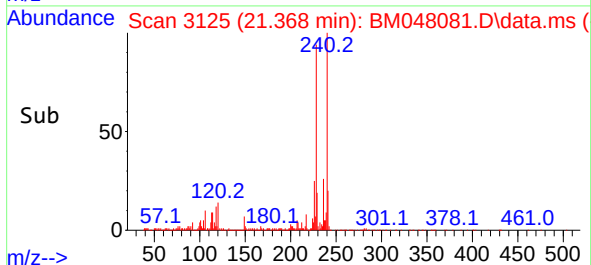
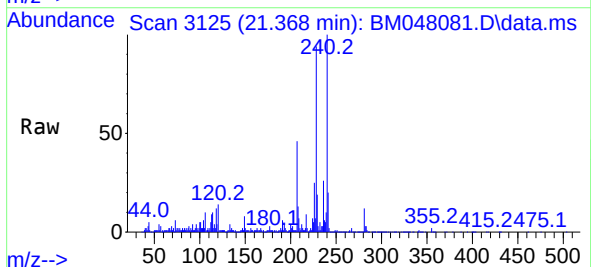
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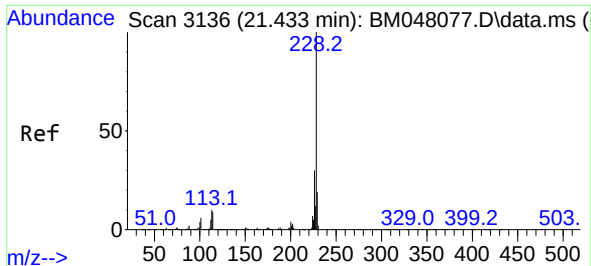
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 3.761 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

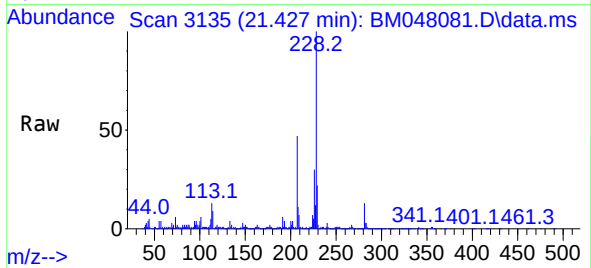
Tgt Ion:228 Resp: 323211
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 26.9 21.9 32.9





#87
Chrysene
Concen: 4.224 ng/ul
RT: 21.427 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

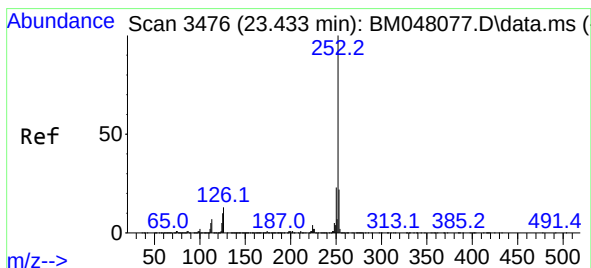
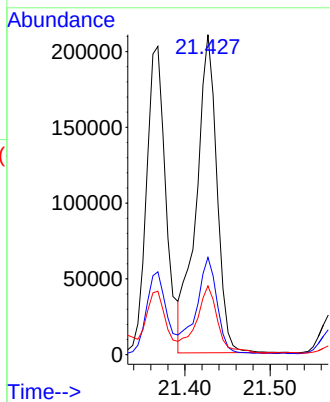
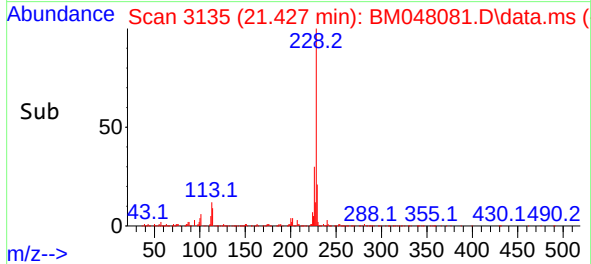
Instrument :
BNA_M
ClientSampleId :
EOAK7



Tgt Ion:228 Resp: 353880
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.5 15.3 22.9

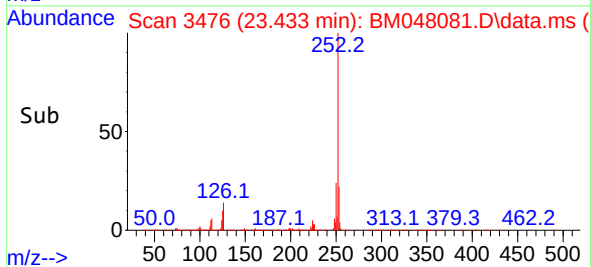
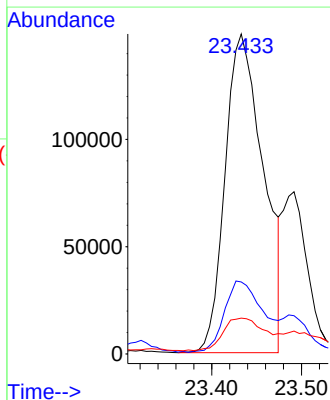
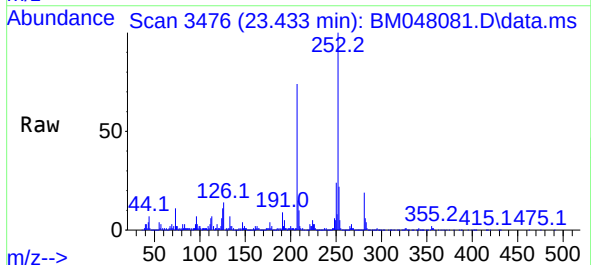
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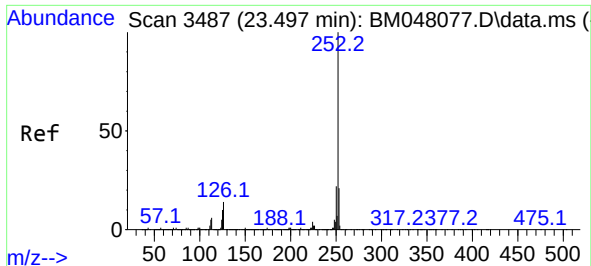
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 5.219 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

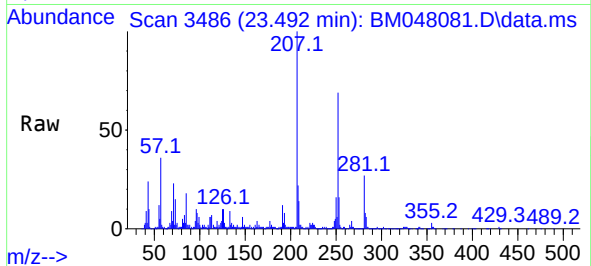
Tgt Ion:252 Resp: 441648
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.2 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 1.673 ng/ul m
RT: 23.492 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35

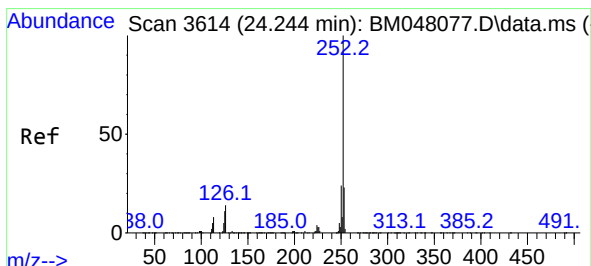
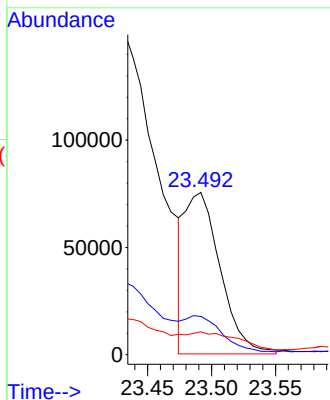
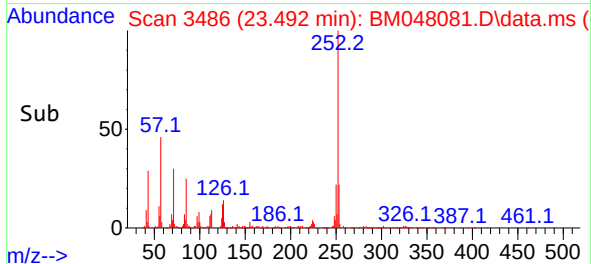
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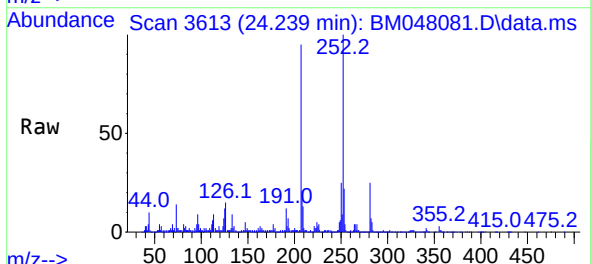
Tgt Ion:252 Resp: 144738
Ion Ratio Lower Upper
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253 23.5 17.5 26.3
125 14.1 8.9 13.3

Manual Integrations
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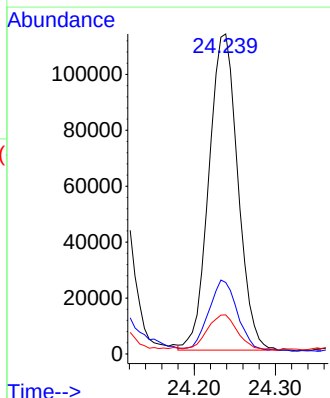
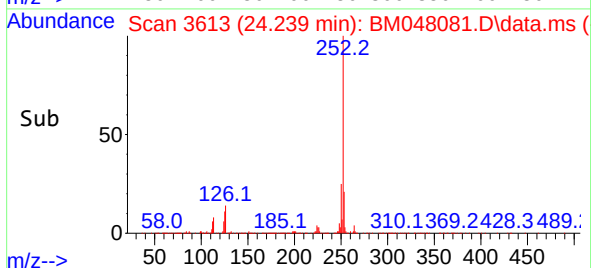
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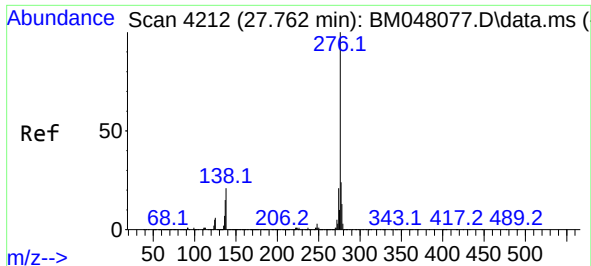


#93
Benzo(a)pyrene
Concen: 3.488 ng/ul
RT: 24.239 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM048081.D
Acq: 16 Oct 2024 09:35



Tgt Ion:252 Resp: 280309
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.2 10.1 15.1





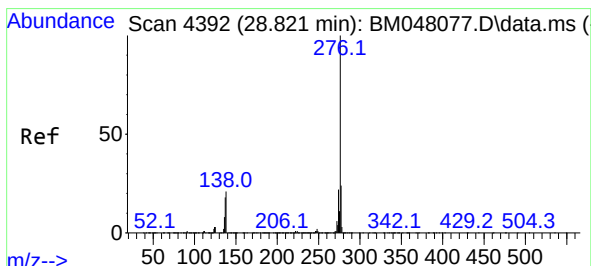
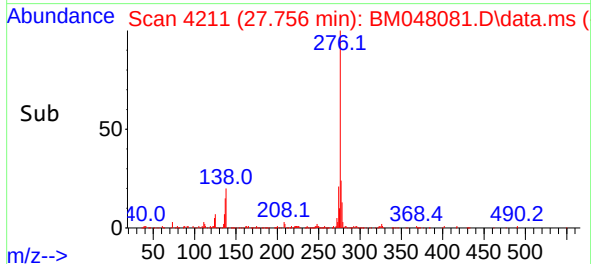
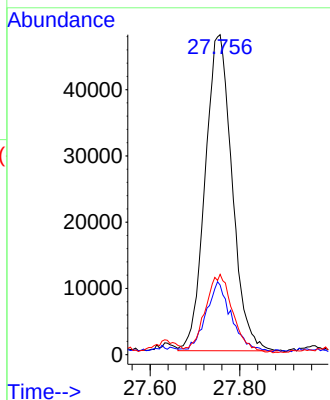
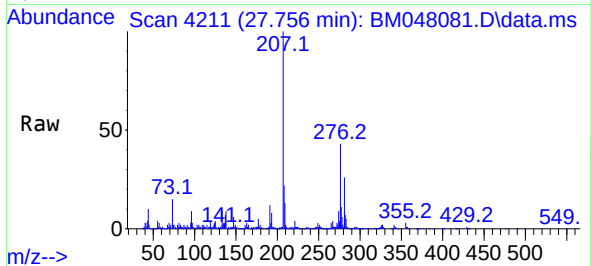
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.932 ng/ul
 RT: 27.756 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BM048081.D
 Acq: 16 Oct 2024 09:35

Instrument :
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Tgt Ion:276 Resp: 19902
 Ion Ratio Lower Upper
 276 100
 138 21.8 16.9 25.3
 277 25.1 18.9 28.3

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 2.416 ng/ul
 RT: 28.803 min Scan# 4389
 Delta R.T. 0.012 min
 Lab File: BM048081.D
 Acq: 16 Oct 2024 09:35

Tgt Ion:276 Resp: 194952
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.7 28.1
 277 23.6 18.3 27.5

