

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020807.D
 Acq On : 06 Jul 2024 04:50
 Operator : MA/JU
 Sample : P2964-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 05:25:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	195671	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.499	136	805490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	522581	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1114826	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1024575	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1194253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15876	3.484	ng/uL	0.00
4) Pyridine-d5	3.687	84	26362m	1.985	ng/u1	0.00
7) Phenol-d5	6.916	99	329500	20.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	195291	19.195	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	281816	21.486	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	239205	18.352	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	136831	23.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	157157	26.408	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	282652	23.057	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	106504	6.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	906618	24.952	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	995719	22.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	119371	21.502	ng/u1	0.02
60) Fluorene-d10	15.369	176	767027	25.087	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	94943	16.899	ng/u1	0.00
73) Anthracene-d10	17.269	188	1177859	23.541	ng/u1	0.00
81) Pyrene-d10	19.651	212	1249835	20.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	976651	16.812	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	594850	10.190	ng/u1	99
74) Anthracene	17.304	178	119330	1.987	ng/u1	98
77) Carbazole	17.592	167	67493	1.362	ng/u1	98
80) Fluoranthene	19.304	202	1416657	18.842	ng/u1	98
82) Pyrene	19.680	202	1007990	13.072	ng/u1	99
85) Benzo(a)anthracene	21.604	228	622613	8.670	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.527	149	308457	6.938	ng/u1#	97
87) Chrysene	21.669	228	725263	10.684	ng/u1	97
90) Benzo(b)fluoranthene	23.910	252	1047303	14.476	ng/u1	98
91) Benzo(k)fluoranthene	23.980	252	322511m	4.407	ng/u1	
93) Benzo(a)pyrene	24.815	252	380791	5.576	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.786	276	385609	4.402	ng/u1	97
95) Dibenzo(a,h)anthracene	28.827	278	134404m	1.867	ng/u1	

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

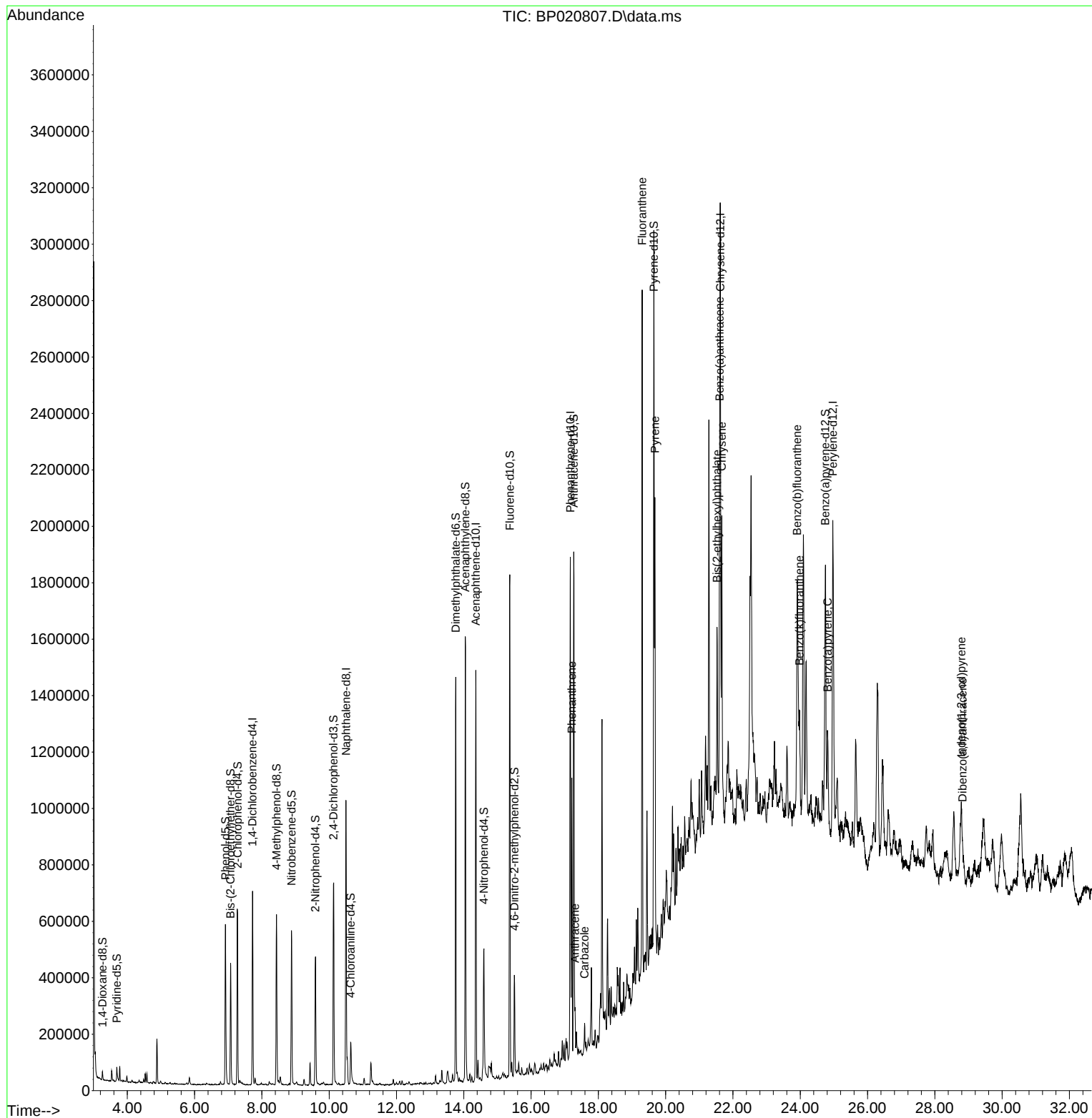
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020807.D
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 ALS Vial : 26 Sample Multiplier: 1

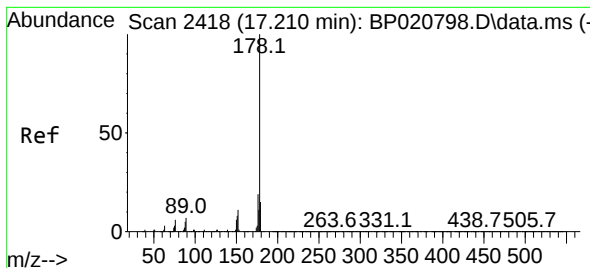
Instrument :
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#72

Phenanthrene

Concen: 10.190 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

Instrument :

BNA_P

ClientSampleId :

A4CS6

Tgt Ion:178 Resp: 594850

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

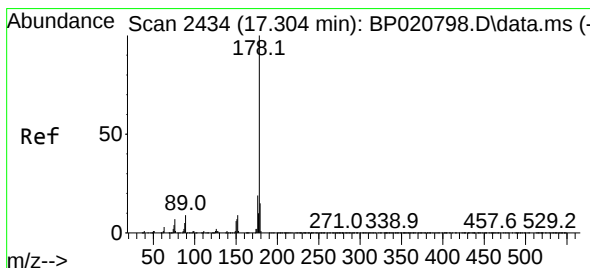
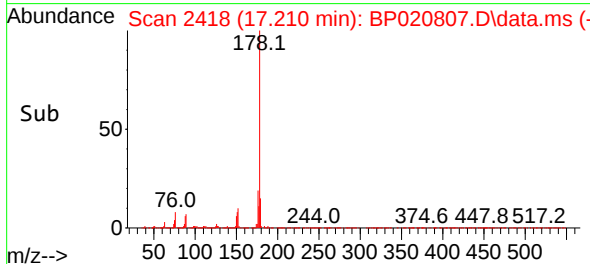
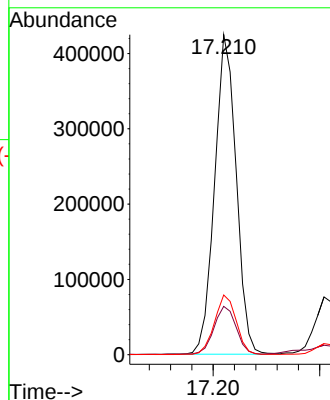
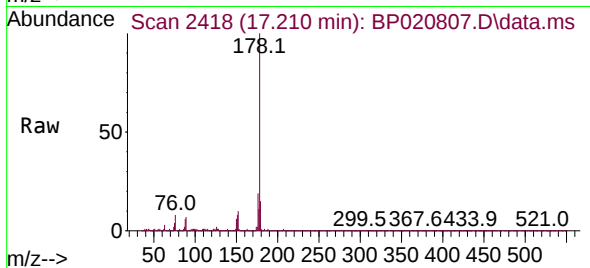
176 18.7 15.4 23.2

Manual Integrations

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#74

Anthracene

Concen: 1.987 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

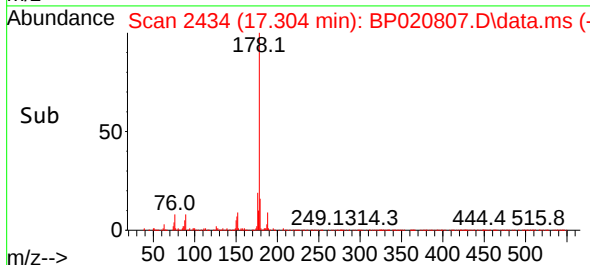
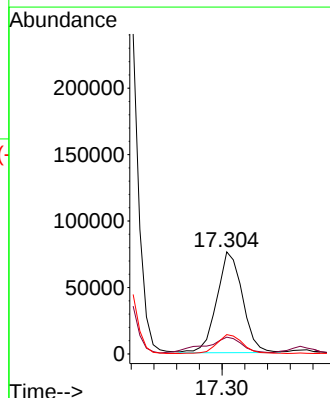
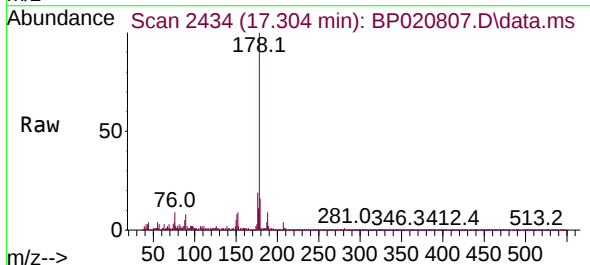
Tgt Ion:178 Resp: 119330

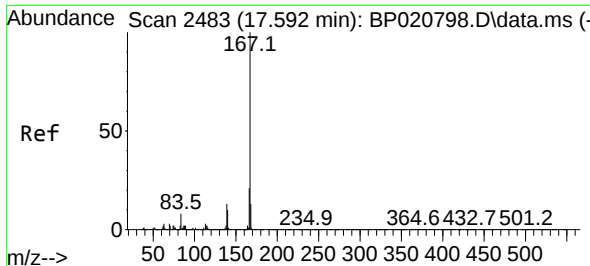
Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

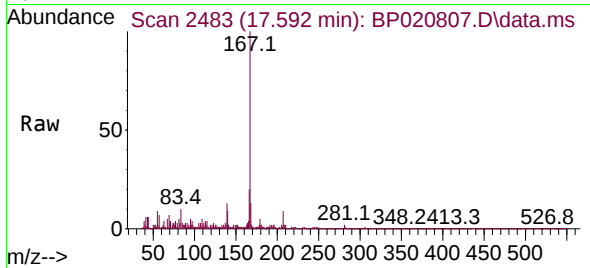
176 19.0 15.0 22.4





#77
 Carbazole
 Concen: 1.362 ng/ul
 RT: 17.592 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BP020807.D
 Acq: 06 Jul 2024 04:50

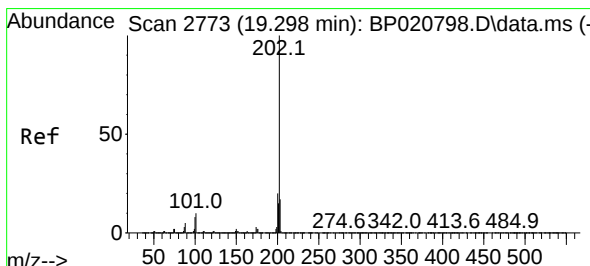
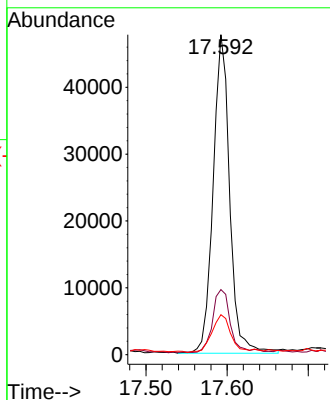
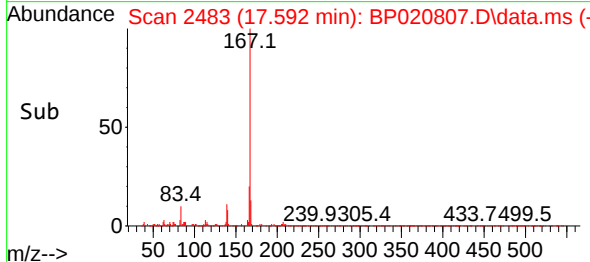
Instrument :
 BNA_P
 ClientSampleId :
 A4CS6



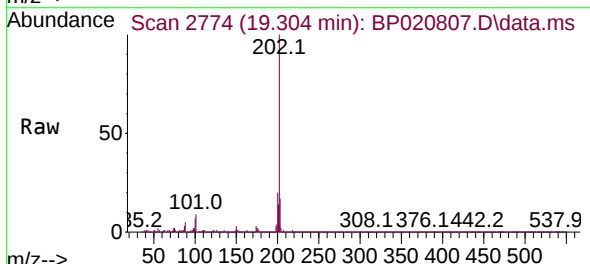
Tgt Ion:167 Resp: 67493
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.2 25.8
 139 12.5 10.6 16.0

Manual Integrations
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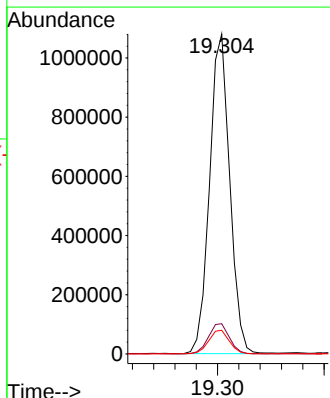
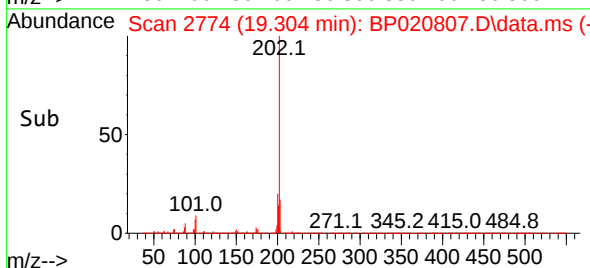
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

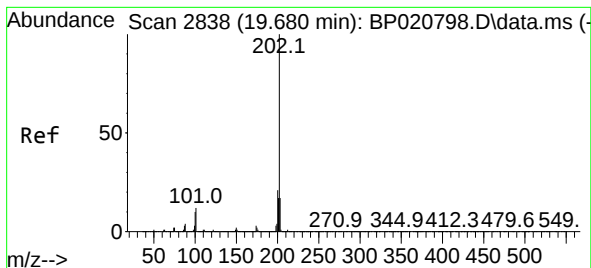


#80
 Fluoranthene
 Concen: 18.842 ng/ul
 RT: 19.304 min Scan# 2774
 Delta R.T. 0.006 min
 Lab File: BP020807.D
 Acq: 06 Jul 2024 04:50



Tgt Ion:202 Resp: 1416657
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.2 12.4
 100 7.4 6.6 10.0





#82

Pyrene

Concen: 13.072 ng/ul

RT: 19.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

Instrument :

BNA_P

ClientSampleId :

A4CS6

Tgt Ion:202 Resp: 1007990

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

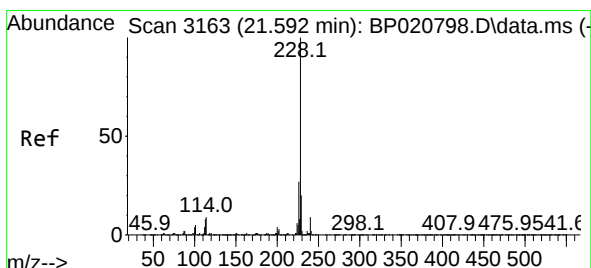
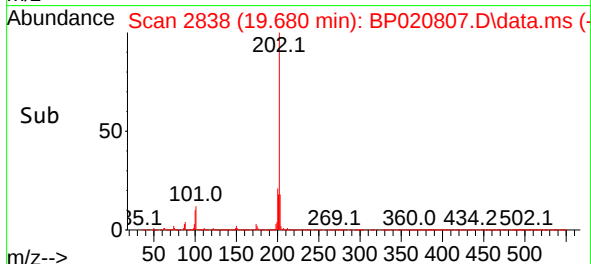
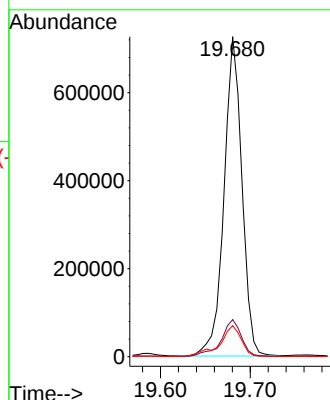
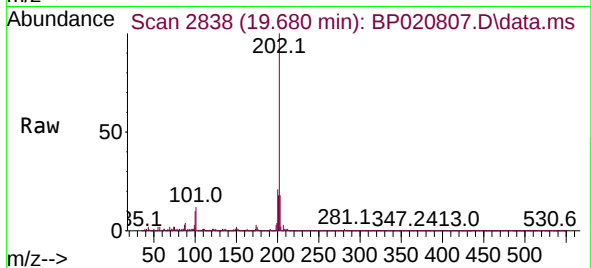
100 9.7 7.9 11.9

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Supervised By :mohammad ahmed 07/08/2024



#85

Benzo(a)anthracene

Concen: 8.670 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

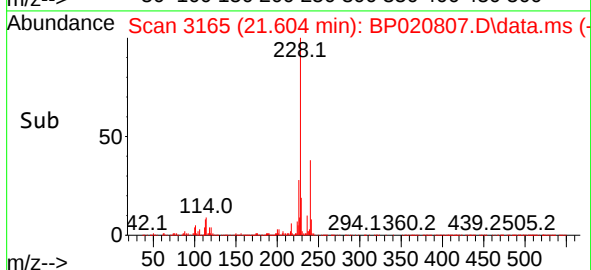
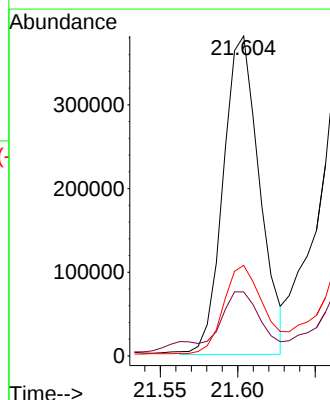
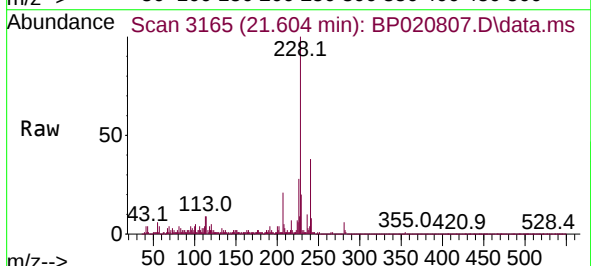
Tgt Ion:228 Resp: 622613

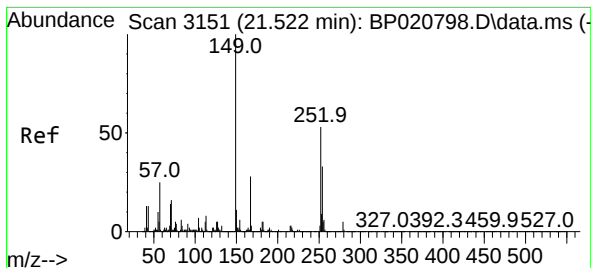
Ion Ratio Lower Upper

228 100

229 20.0 15.2 22.8

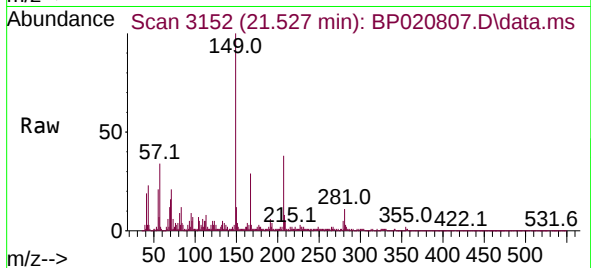
226 28.3 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.938 ng/ul
RT: 21.527 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP020807.D
Acq: 06 Jul 2024 04:50

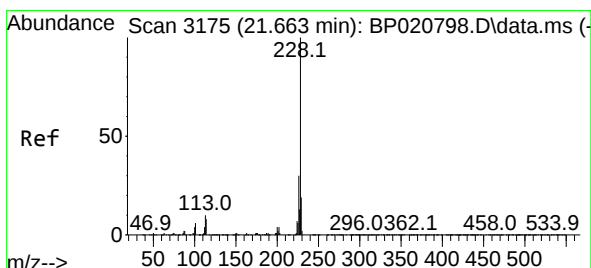
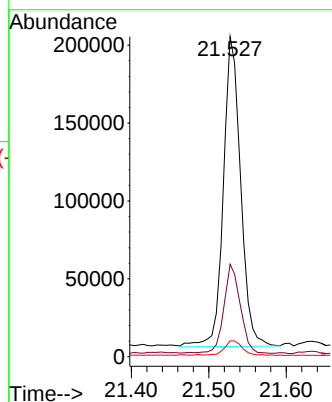
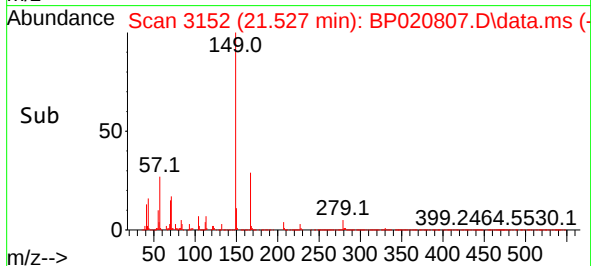
Instrument :
BNA_P
ClientSampleId :
A4CS6



Tgt Ion:149 Resp: 30845
Ion Ratio Lower Upper
149 100
167 28.9 22.0 33.0
279 4.9 3.3 4.9

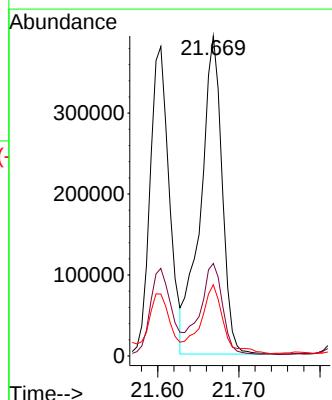
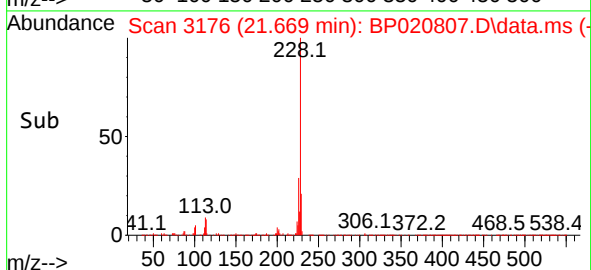
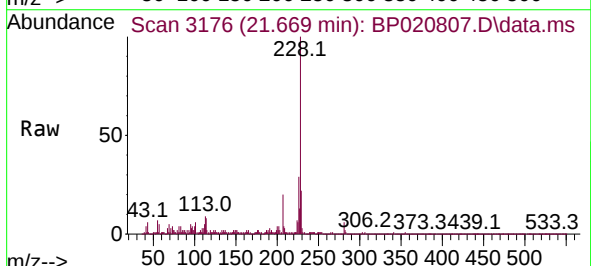
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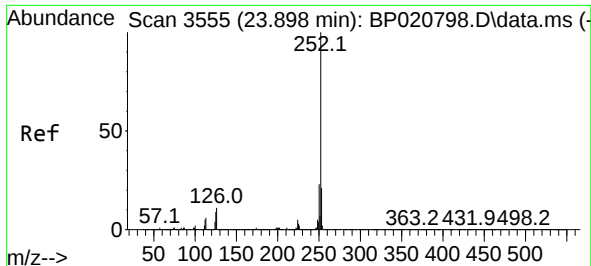
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 10.684 ng/ul
RT: 21.669 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BP020807.D
Acq: 06 Jul 2024 04:50

Tgt Ion:228 Resp: 725263
Ion Ratio Lower Upper
228 100
226 28.9 23.8 35.6
229 22.2 16.1 24.1





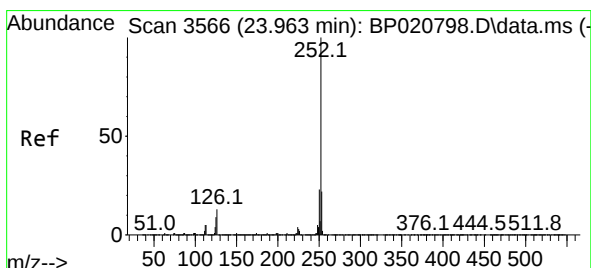
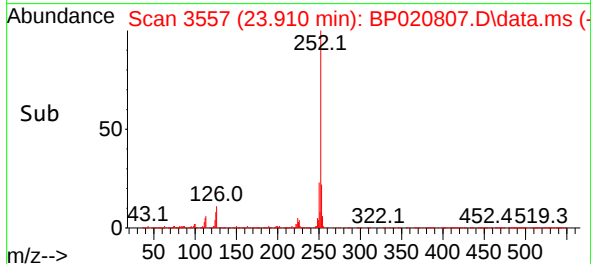
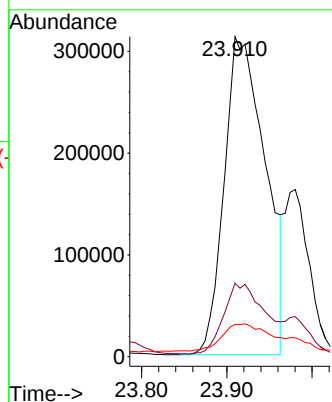
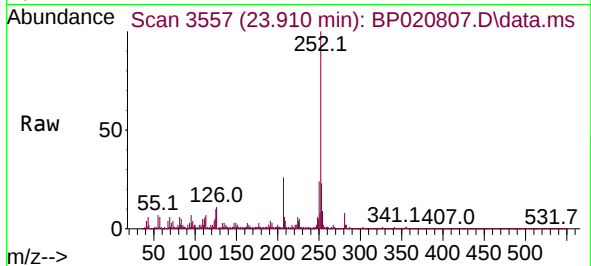
#90
Benzo(b)fluoranthene
Concen: 14.476 ng/ul
RT: 23.910 min Scan# 3557
Delta R.T. 0.006 min
Lab File: BP020807.D
Acq: 06 Jul 2024 04:50

Instrument :
BNA_P
ClientSampleId :
A4CS6

Tgt Ion:252 Resp: 104730
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.1 7.9 11.9

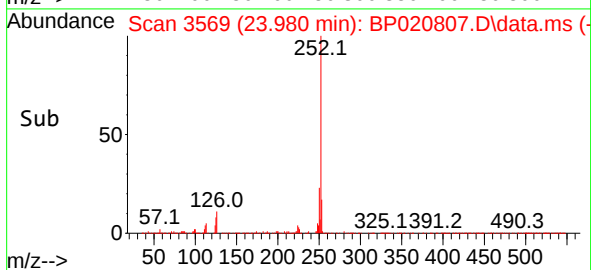
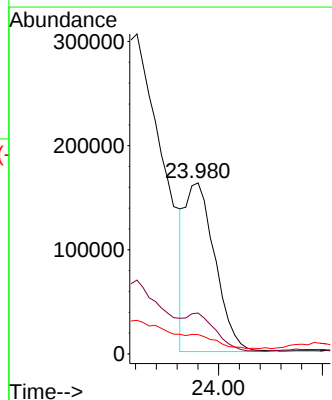
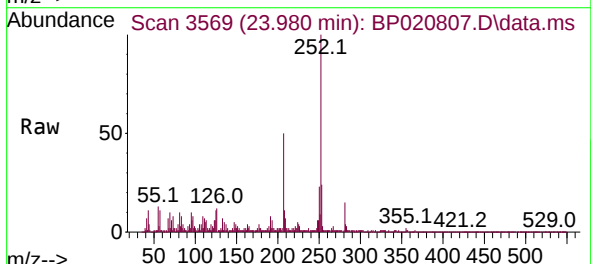
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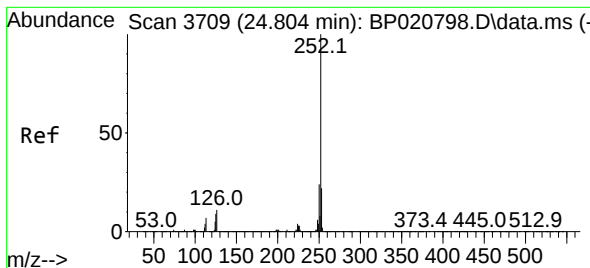
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#91
Benzo(k)fluoranthene
Concen: 4.407 ng/ul m
RT: 23.980 min Scan# 3569
Delta R.T. 0.006 min
Lab File: BP020807.D
Acq: 06 Jul 2024 04:50

Tgt Ion:252 Resp: 322511
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.3 7.9 11.9





#93

Benzo(a)pyrene

Concen: 5.576 ng/ul

RT: 24.815 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

Instrument :

BNA_P

ClientSampleId :

A4CS6

Tgt Ion:252 Resp: 38079

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

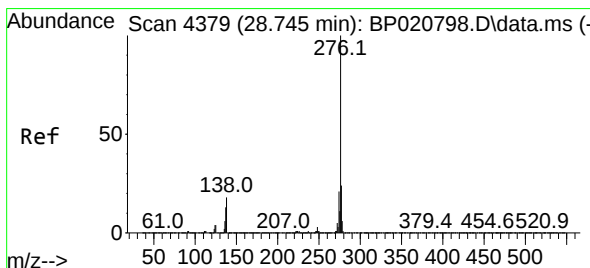
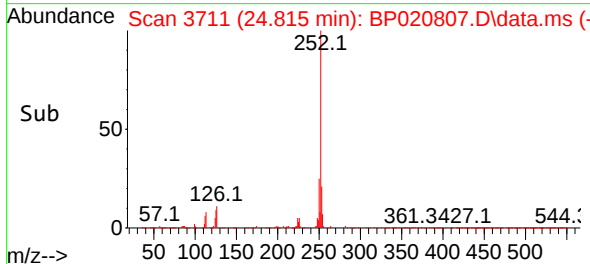
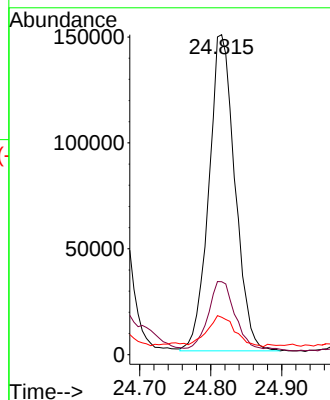
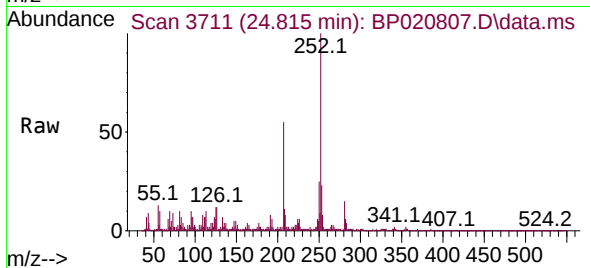
125 11.7 8.7 13.1

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.402 ng/ul

RT: 28.786 min Scan# 4386

Delta R.T. 0.023 min

Lab File: BP020807.D

Acq: 06 Jul 2024 04:50

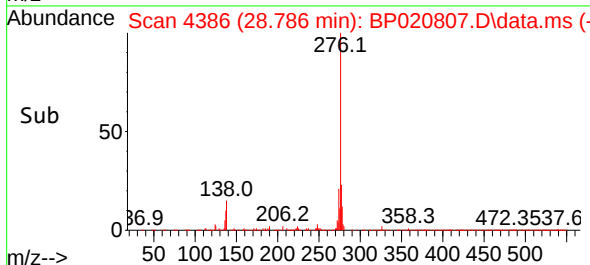
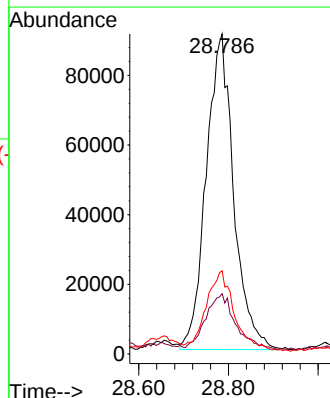
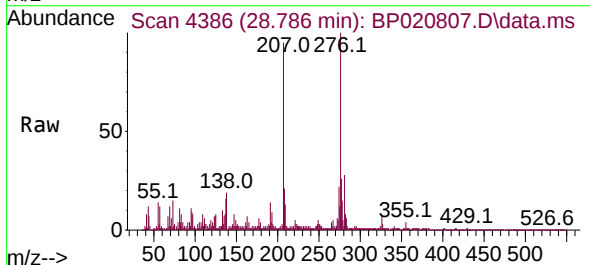
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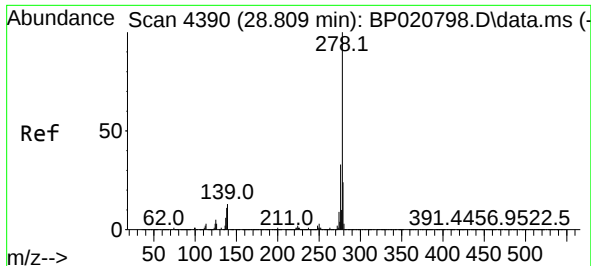
Ion Ratio Lower Upper

276 100

138 18.8 15.2 22.8

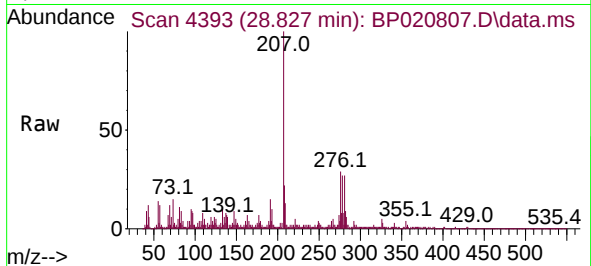
277 26.0 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.867 ng/ul m
 RT: 28.827 min Scan# 4393
 Delta R.T. -0.012 min
 Lab File: BP020807.D
 Acq: 06 Jul 2024 04:50

Instrument :
 BNA_P
 ClientSampleId :
 A4CS6



Tgt Ion:278 Resp: 134404
 Ion Ratio Lower Upper
 278 100
 139 21.1 11.1 16.7
 279 28.5 18.7 28.1

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