

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021013.D
 Acq On : 17 Jul 2024 07:42
 Operator : MA/JU
 Sample : P3178-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 08:12:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	214360	20.000	ng/u1	0.01
20) Naphthalene-d8	10.446	136	894881	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	610781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1315375	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1203979	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1410005	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13331	2.830	ng/uL	0.01
4) Pyridine-d5	3.681	84	15062	1.104	ng/u1	0.03
7) Phenol-d5	6.905	99	311000	17.796	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	192248	18.152	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	268080	18.618	ng/u1	0.01
15) 4-Methylphenol-d8	8.410	113	257179	17.718	ng/u1	0.02
21) Nitrobenzene-d5	8.840	128	132841	19.112	ng/u1	0.01
24) 2-Nitrophenol-d4	9.557	143	148789	18.703	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.093	165	278388	19.352	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	240314	12.610	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	896761	20.197	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1013053	20.320	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	90606m	14.343	ng/u1	0.01
60) Fluorene-d10	15.322	176	797888	21.904	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	108782	13.668	ng/u1	0.00
73) Anthracene-d10	17.222	188	1276674	21.852	ng/u1	0.00
81) Pyrene-d10	19.604	212	1110603	14.920	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	761096	10.945	ng/u1	0.00
Target Compounds	Qvalue					
72) Phenanthrene	17.157	178	414480	6.074	ng/u1	99
74) Anthracene	17.257	178	79326	1.140	ng/u1	99
80) Fluoranthene	19.251	202	986753	10.977	ng/u1	100
82) Pyrene	19.633	202	590301	6.453	ng/u1	99
85) Benzo(a)anthracene	21.533	228	470721	5.581	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	267383	4.875	ng/u1#	99
87) Chrysene	21.598	228	492636	6.286	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	720945m	8.426	ng/u1	
91) Benzo(k)fluoranthene	23.863	252	237298	2.779	ng/u1#	96
93) Benzo(a)pyrene	24.674	252	190990	2.362	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	28.586	276	220615	2.117	ng/u1	96
95) Dibenzo(a,h)anthracene	28.627	278	94280	1.093	ng/u1#	84

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

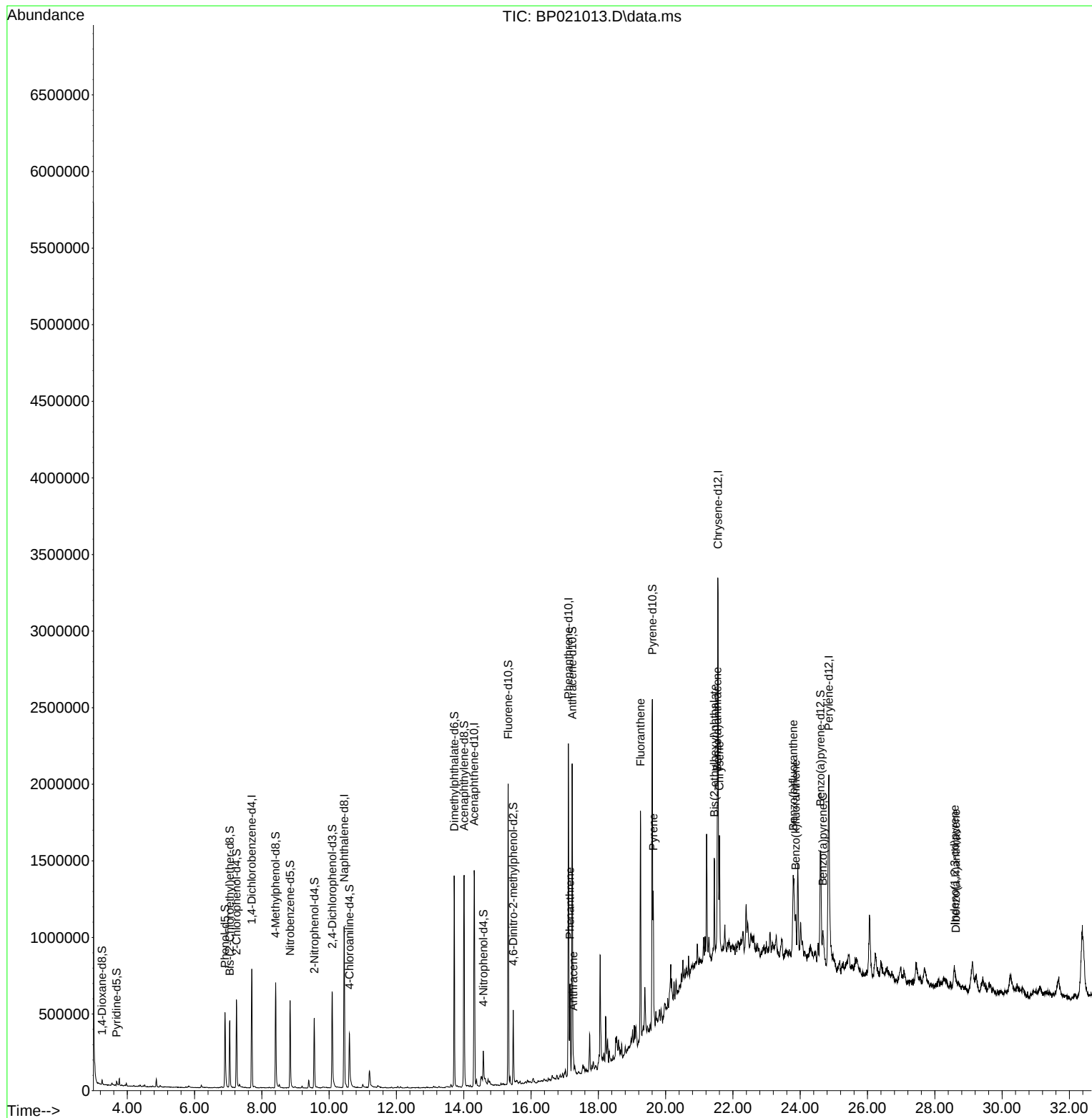
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021013.D
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ALS Vial : 25 Sample Multiplier: 1

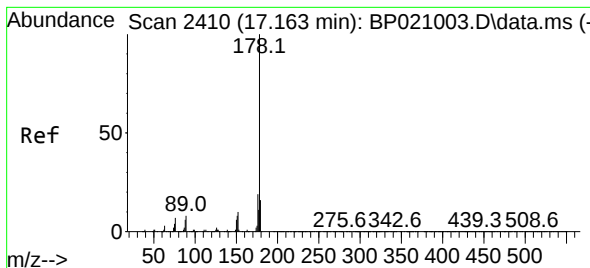
Instrument :
BNA_P
ClientSampleId :
A4BT4

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.074 ng/ul

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:178 Resp: 414480

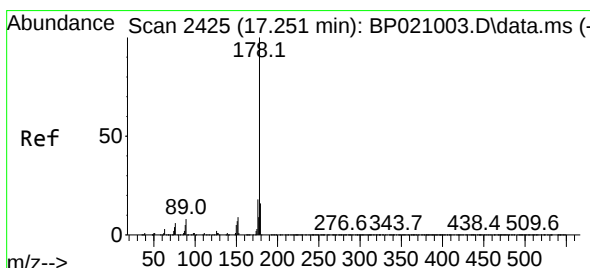
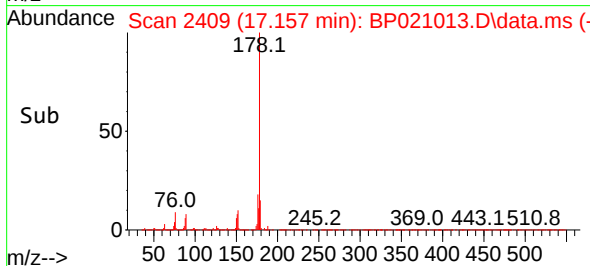
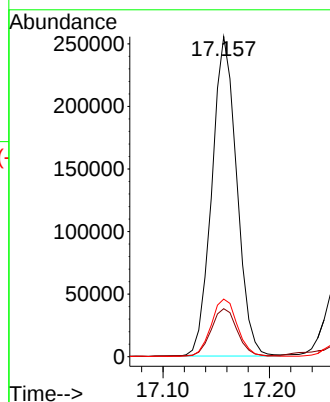
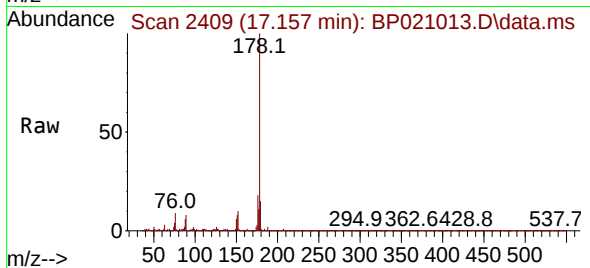
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.0	15.0	22.4

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#74

Anthracene

Concen: 1.140 ng/ul

RT: 17.257 min Scan# 2426

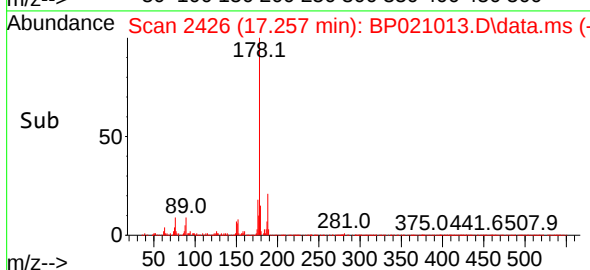
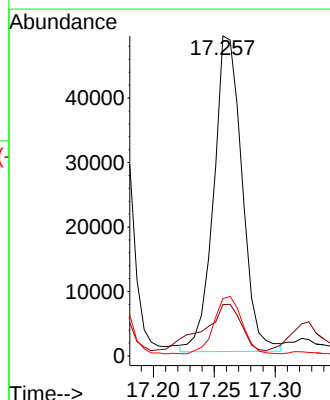
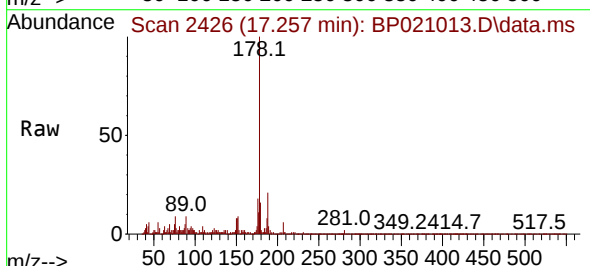
Delta R.T. -0.000 min

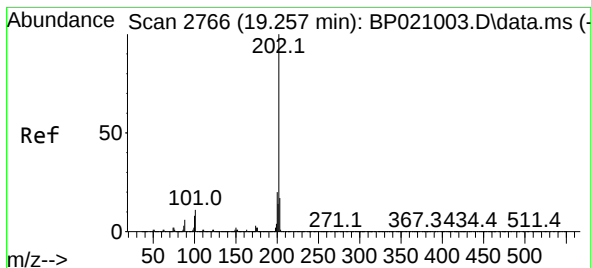
Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:178 Resp: 79326

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.0	14.8	22.2





#80

Fluoranthene

Concen: 10.977 ng/uI

RT: 19.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:202 Resp: 98675

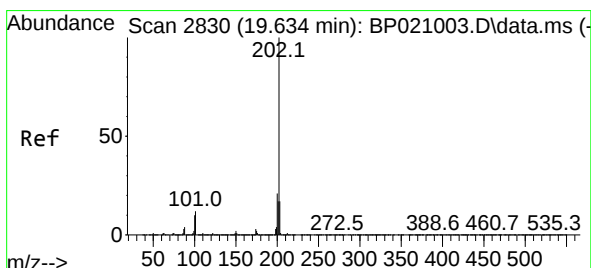
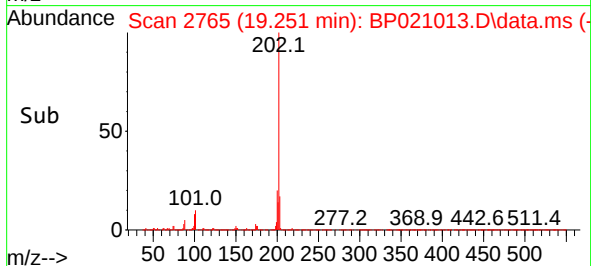
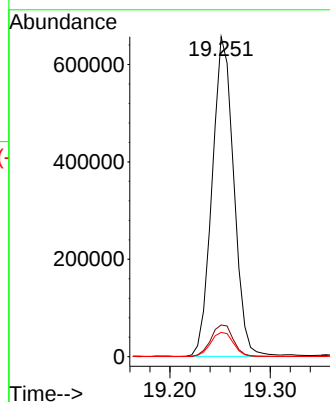
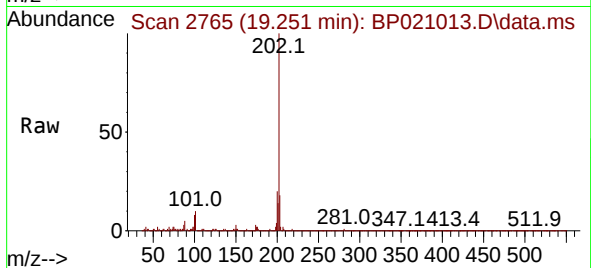
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	7.6	6.1	9.1

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#82

Pyrene

Concen: 6.453 ng/uI

RT: 19.633 min Scan# 2830

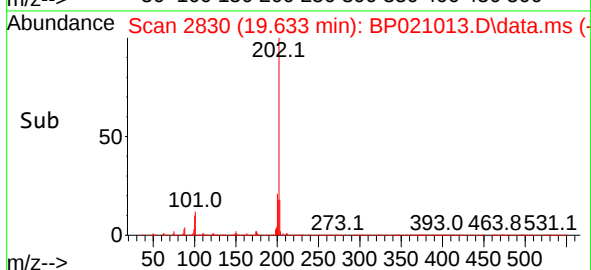
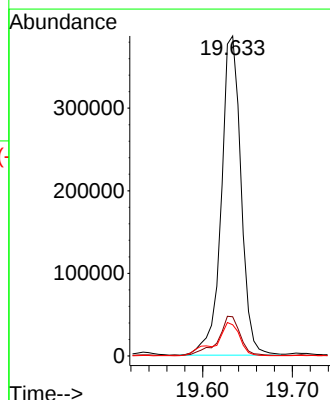
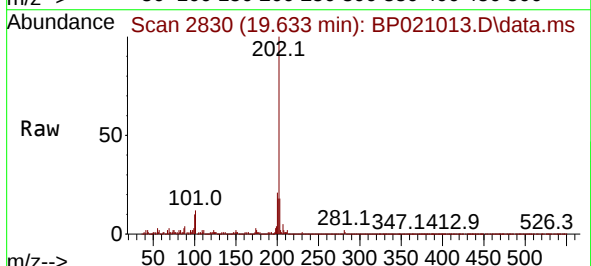
Delta R.T. 0.006 min

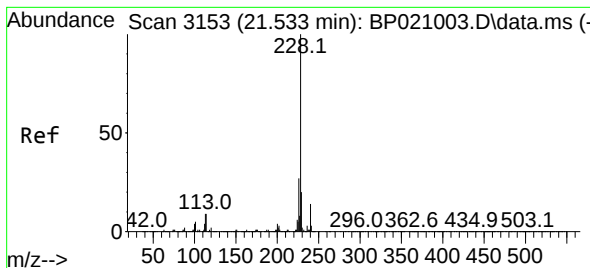
Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:202 Resp: 590301

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.2
100	9.8	7.8	11.6





#85

Benzo(a)anthracene

Concen: 5.581 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:228 Resp: 47072

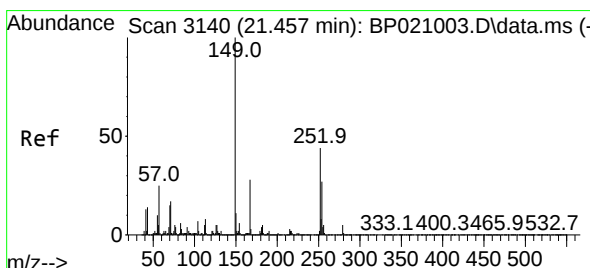
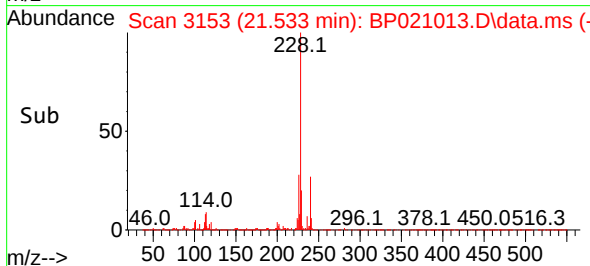
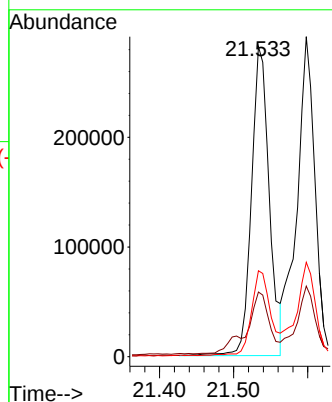
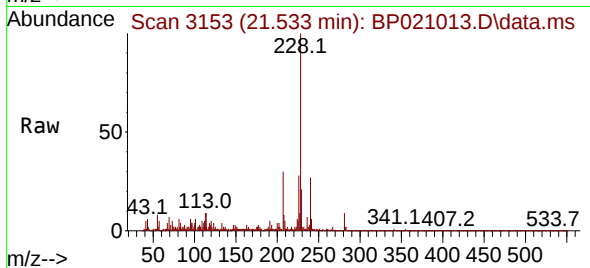
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	27.7	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.875 ng/ul

RT: 21.451 min Scan# 3139

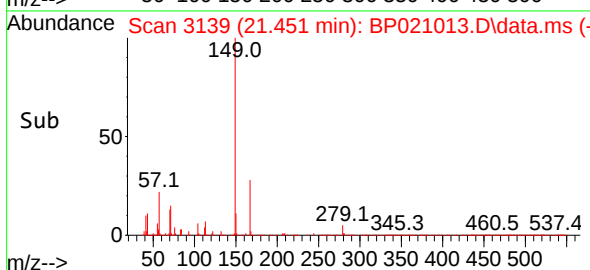
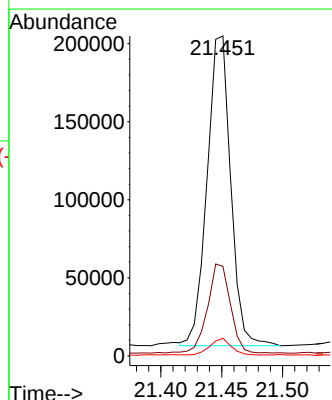
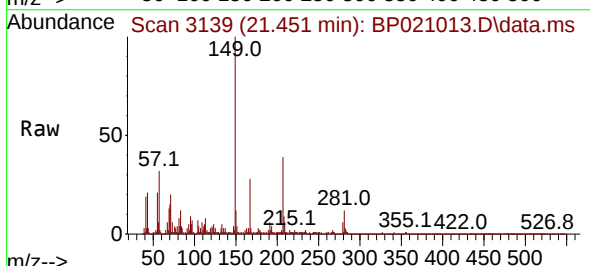
Delta R.T. 0.006 min

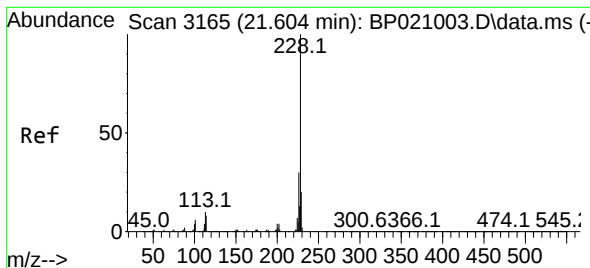
Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:149 Resp: 267383

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	5.6	3.7	5.5





#87

Chrysene

Concen: 6.286 ng/u1

RT: 21.598 min Scan# 3165

Delta R.T. -0.000 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:228 Resp: 492630

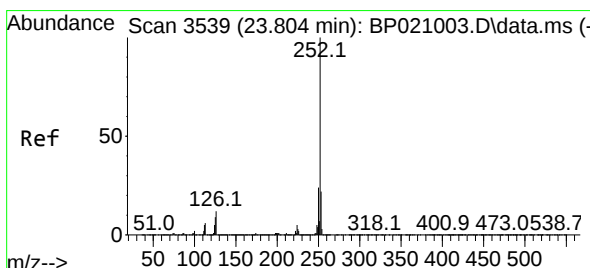
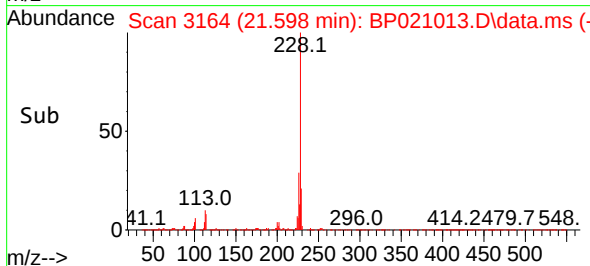
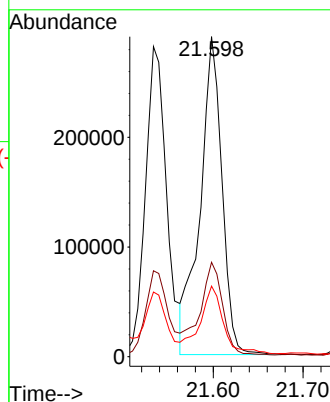
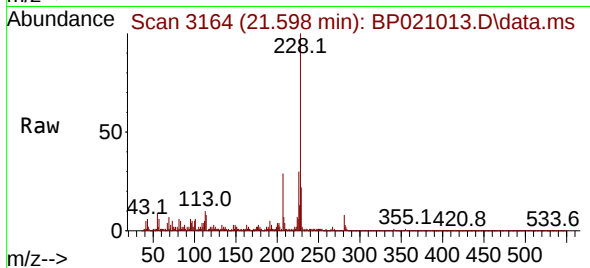
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	22.1	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#90

Benzo(b)fluoranthene

Concen: 8.426 ng/u1 m

RT: 23.792 min Scan# 3537

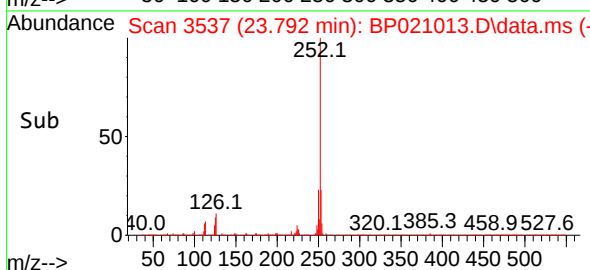
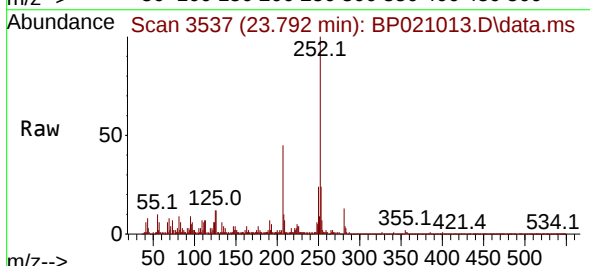
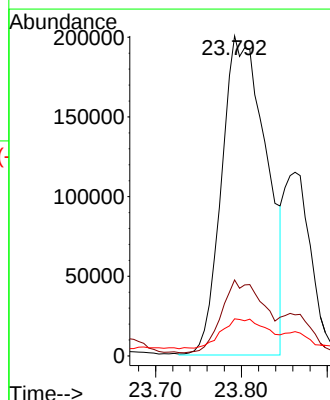
Delta R.T. 0.012 min

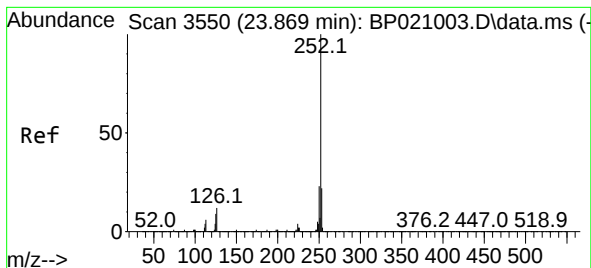
Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:252 Resp: 720945

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	11.6	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 2.779 ng/u1

RT: 23.863 min Scan# 3550

Delta R.T. 0.012 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:252 Resp: 237298

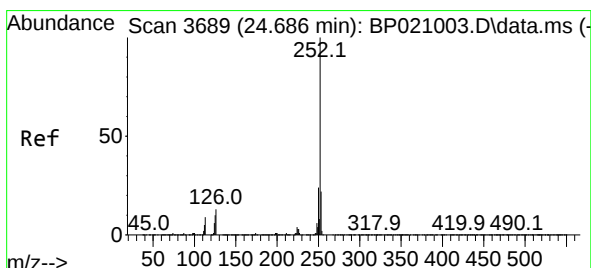
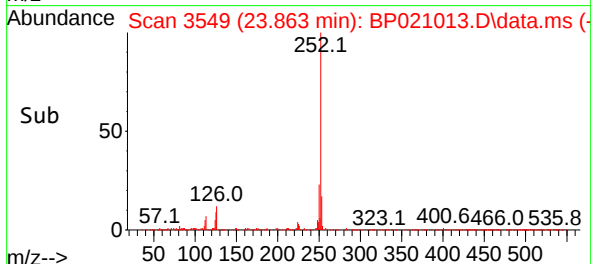
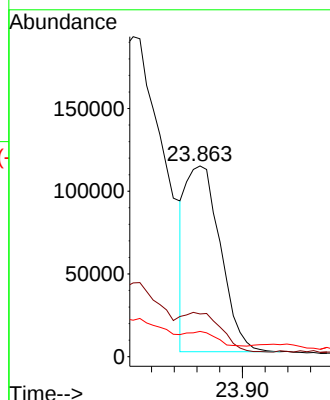
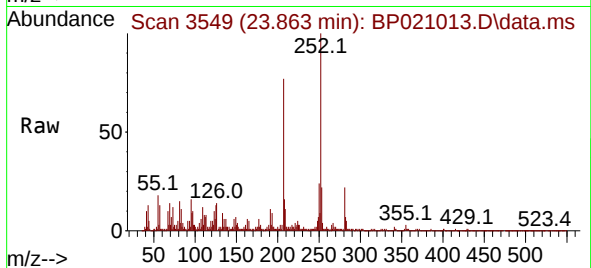
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.3	7.4	11.0

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#93

Benzo(a)pyrene

Concen: 2.362 ng/u1

RT: 24.674 min Scan# 3687

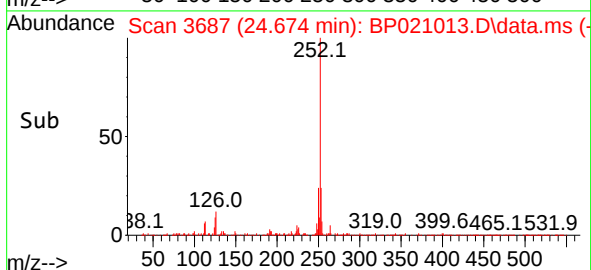
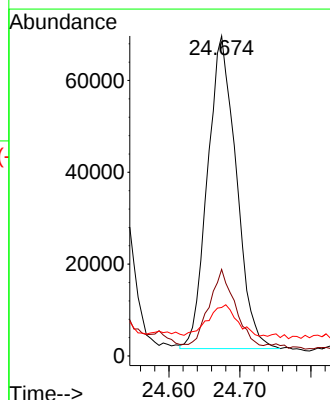
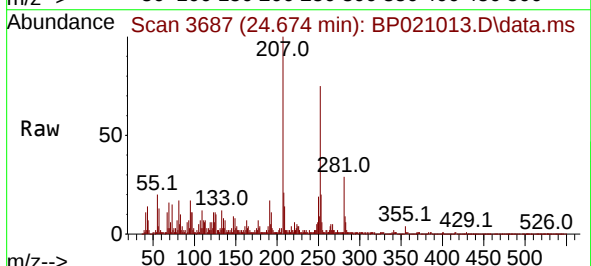
Delta R.T. 0.006 min

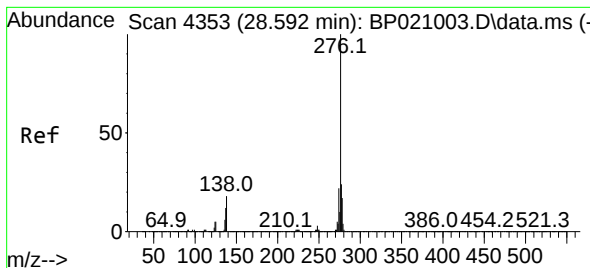
Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:252 Resp: 190990

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.0
125	15.2	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.117 ng/ul

RT: 28.586 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Instrument :

BNA_P

ClientSampleId :

A4BT4

Tgt Ion:276 Resp: 22061

Ion Ratio Lower Upper

276 100

138 17.8 14.3 21.5

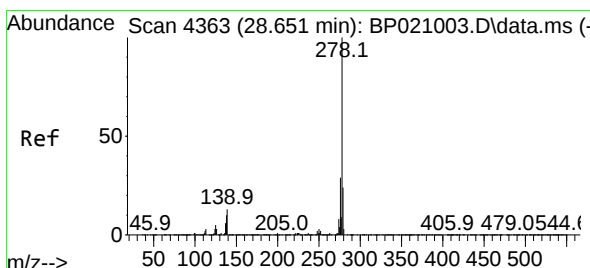
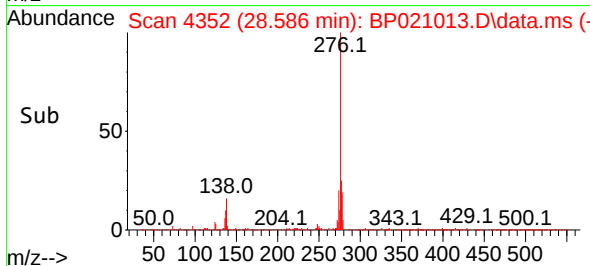
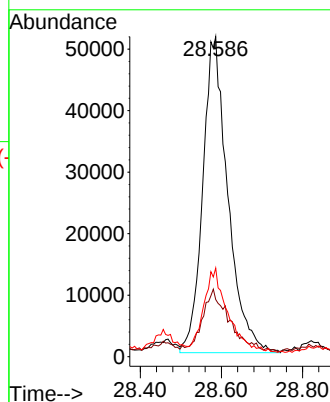
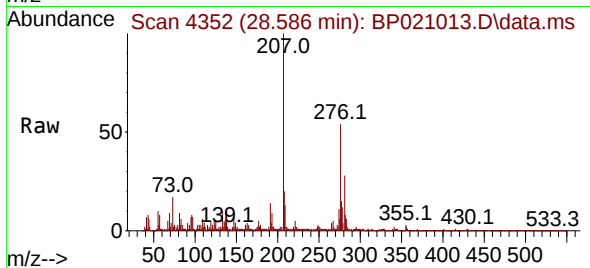
277 27.7 19.2 28.8

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.093 ng/ul

RT: 28.627 min Scan# 4359

Delta R.T. -0.006 min

Lab File: BP021013.D

Acq: 17 Jul 2024 07:42

Tgt Ion:278 Resp: 94280

Ion Ratio Lower Upper

278 100

139 20.6 10.9 16.3#

279 31.8 19.4 29.0#

