

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021109.D
 Acq On : 23 Jul 2024 22:16
 Operator : MA/JU
 Sample : P3238-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 04:30:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:18:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	159708	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.440	136	676237	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	459374	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188	965445	20.000	ng/ul	-0.02
79) Chrysene-d12	21.569	240	858841	20.000	ng/ul	-0.03
88) Perylene-d12	24.886	264	1055863	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	13309	3.792	ng/uL	0.00
4) Pyridine-d5	3.623	84	15914	1.566	ng/ul	0.01
7) Phenol-d5	6.875	99	293837	22.567	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	164605	20.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	248017	23.119	ng/ul	-0.01
15) 4-Methylphenol-d8	8.387	113	243007	22.471	ng/ul	-0.01
21) Nitrobenzene-d5	8.822	128	119018	22.660	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	139087	23.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	254723	23.432	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	138477	9.616	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	790685	23.677	ng/ul	-0.01
49) Acenaphthylene-d8	13.998	160	912073	24.324	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.598	143	102920m	21.662	ng/ul	0.00
60) Fluorene-d10	15.316	176	716528	26.154	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.493	200	66843	11.443	ng/ul	0.00
73) Anthracene-d10	17.216	188	1137789	26.534	ng/ul	-0.02
81) Pyrene-d10	19.604	212	1177220	22.171	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.651	264	949908	18.241	ng/ul	-0.05
Target Compounds					Qvalue	
30) Naphthalene	10.487	128	104951	2.951	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	43796	1.794	ng/ul	99
37) 1-Methylnaphthalene	12.322	142	34460	1.372	ng/ul	98
50) Acenaphthylene	14.028	152	74535	1.756	ng/ul	99
52) Acenaphthene	14.369	153	176489	6.263	ng/ul	96
56) Dibenzofuran	14.710	168	117199	3.037	ng/ul	96
61) Fluorene	15.375	166	195933	6.222	ng/ul	99
72) Phenanthrene	17.157	178	3593706	71.754	ng/ul	99
74) Anthracene	17.251	178	645558	12.644	ng/ul	99
77) Carbazole	17.545	167	300646	7.203	ng/ul	98
78) Di-n-butylphthalate	18.116	149	115539	2.006	ng/ul	98
80) Fluoranthene	19.263	202	4963084	77.400	ng/ul	98
82) Pyrene	19.639	202	3872404	59.347	ng/ul	98
85) Benzo(a)anthracene	21.545	228	2262064	37.599	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	296135	7.569	ng/ul	98
87) Chrysene	21.616	228	2278736	40.762	ng/ul	98
90) Benzo(b)fluoranthene	23.833	252	2839407	44.314	ng/ul	98
91) Benzo(k)fluoranthene	23.892	252	1067122	16.688	ng/ul	98
93) Benzo(a)pyrene	24.727	252	1169930	19.322	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.668	276	1069216	13.704	ng/ul	98
95) Dibenzo(a,h)anthracene	28.704	278	395367m	6.119	ng/ul	
96) Benzo(g,h,i)perylene	29.845	276	173005m	2.723	ng/ul	

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Quant Time: Jul 24 04:30:41 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:18:37 2024
Response via : Initial Calibration

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

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

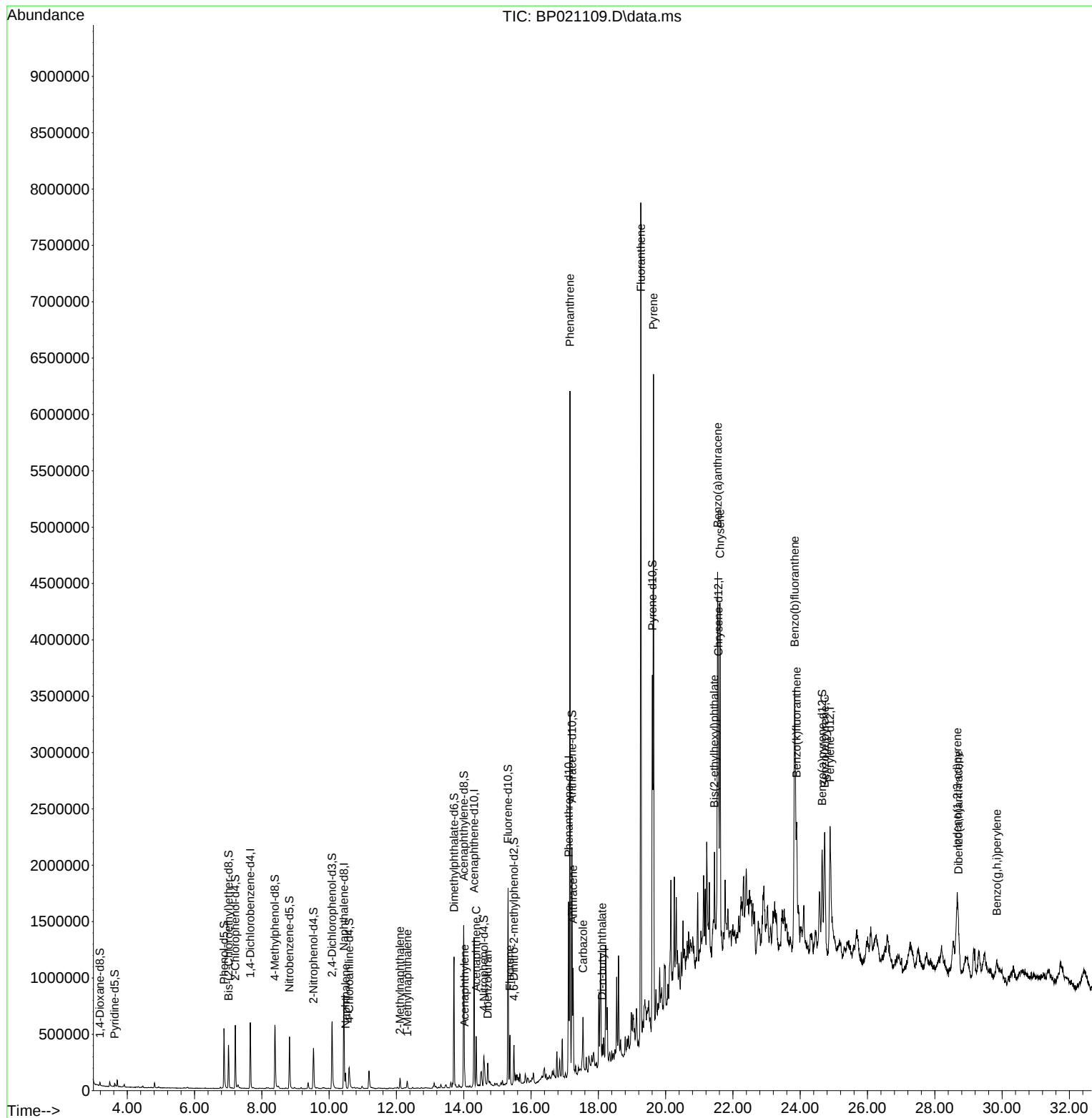
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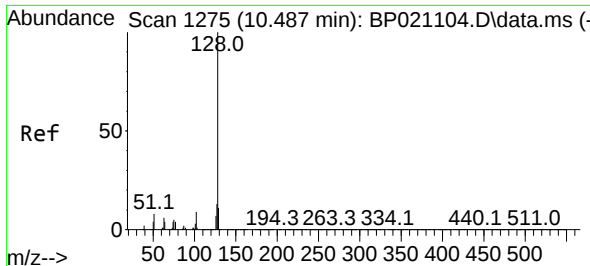
Instrument :
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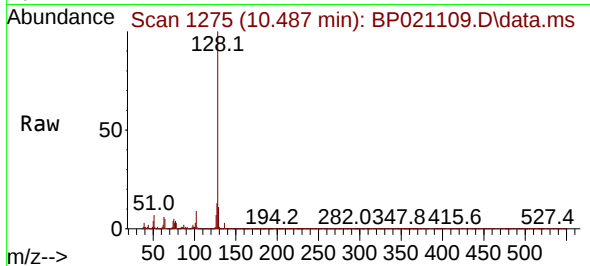
Quant Time: Jul 24 04:30:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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#30
Naphthalene
Concen: 2.951 ng/ul
RT: 10.487 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

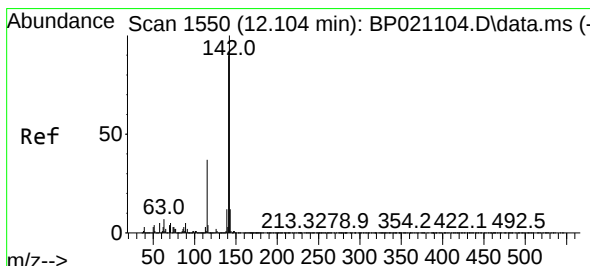
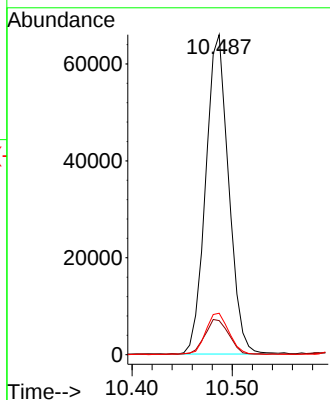
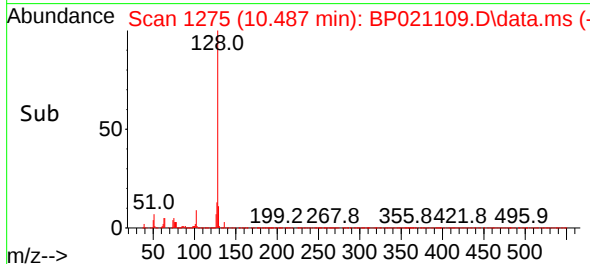
Instrument :
BNA_P
ClientSampleId :
A4BE8



Tgt Ion:128 Resp: 10495
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 10.8 16.2

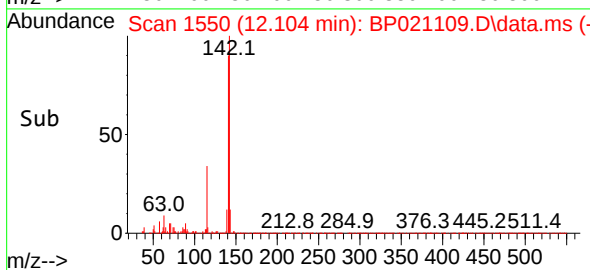
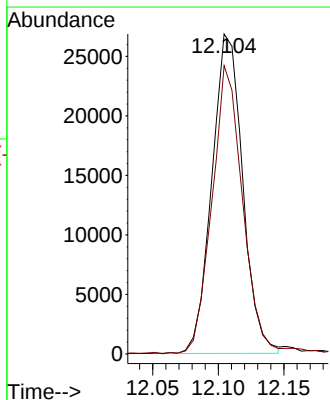
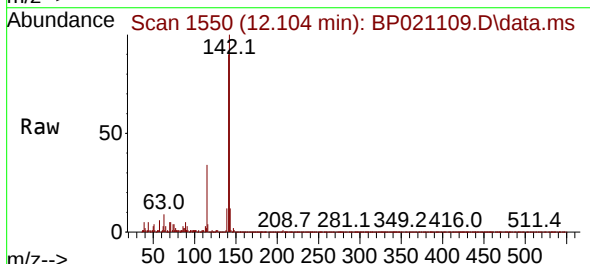
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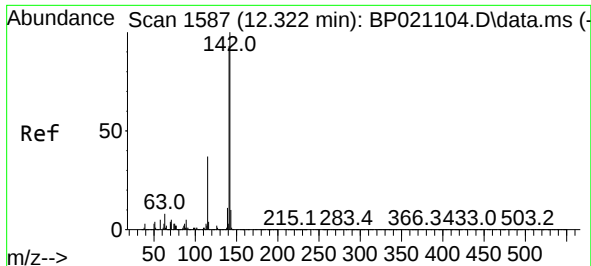
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#36
2-Methylnaphthalene
Concen: 1.794 ng/ul
RT: 12.104 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

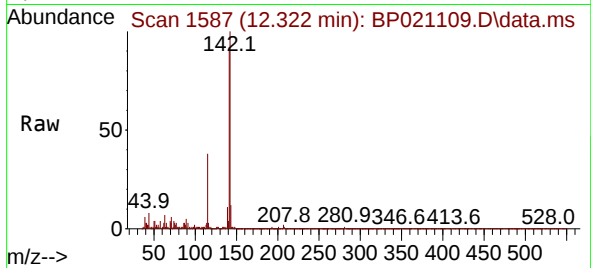
Tgt Ion:142 Resp: 43796
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8





#37
1-Methylnaphthalene
Concen: 1.372 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

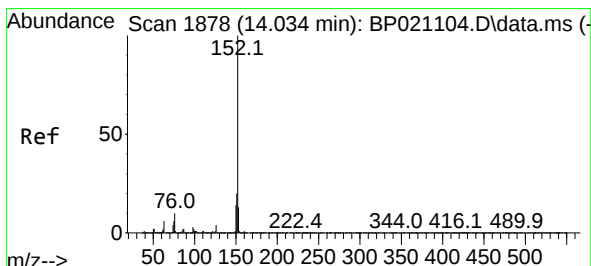
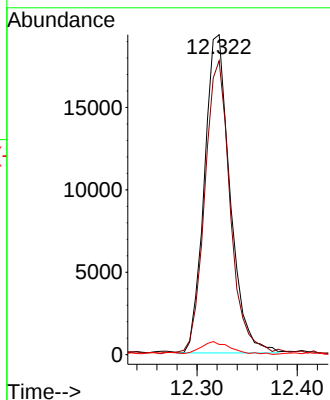
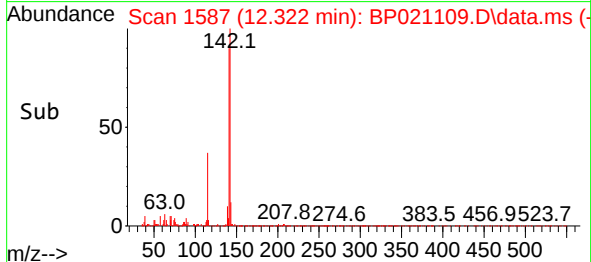
Instrument :
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ClientSampleId :
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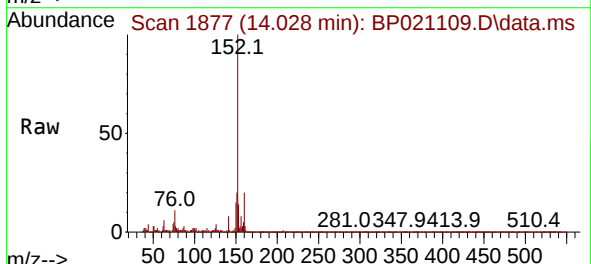
Tgt Ion:142 Resp: 34460
Ion Ratio Lower Upper
142 100
141 91.8 75.0 112.6
116 3.2 3.2 4.8

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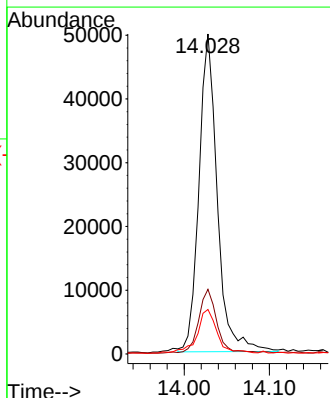
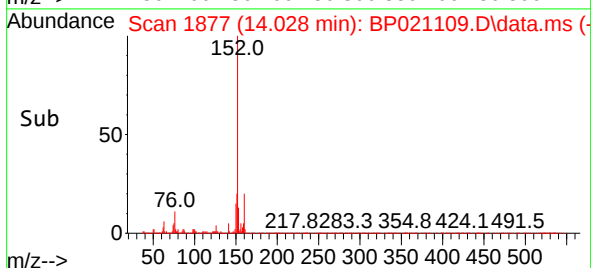
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

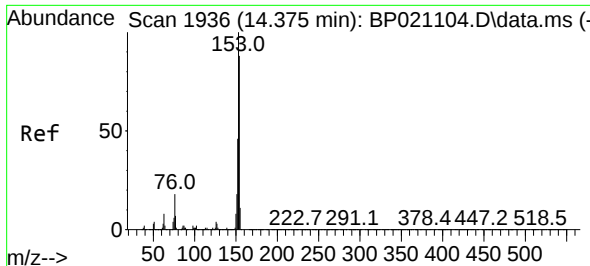


#50
Acenaphthylene
Concen: 1.756 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. -0.012 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16



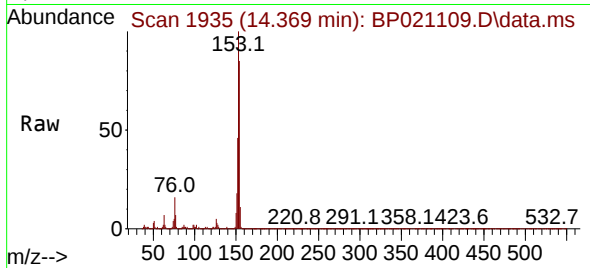
Tgt Ion:152 Resp: 74535
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.9 10.3 15.5





#52
Acenaphthene
Concen: 6.263 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.018 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

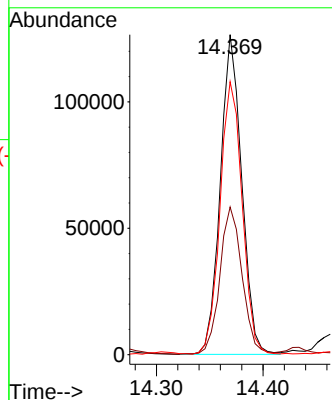
Instrument :
BNA_P
ClientSampleId :
A4BE8



Tgt Ion:153 Resp: 176489
Ion Ratio Lower Upper
153 100
152 46.2 37.8 56.6
154 85.3 71.8 107.6

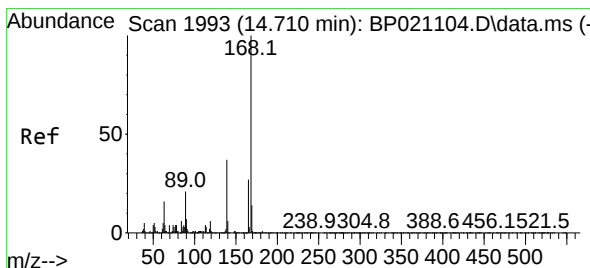
Manual Integrations
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Reviewed By :Jagrut
Upadhyay



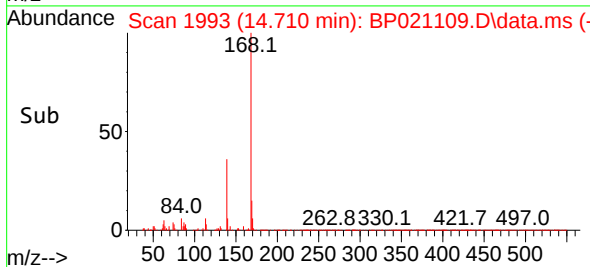
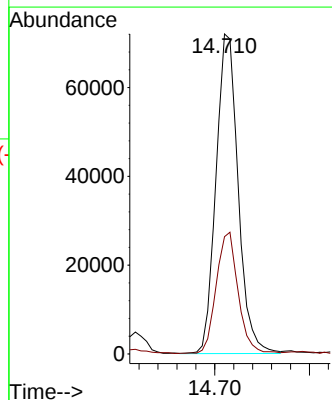
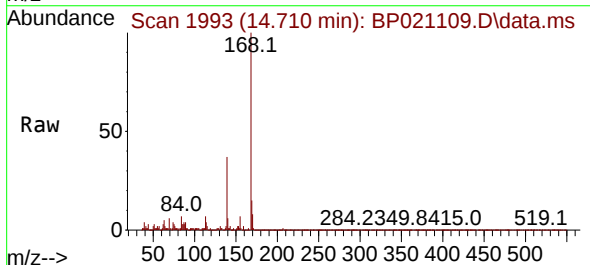
07/24/2024
Supervised By :mohammad
ahmed

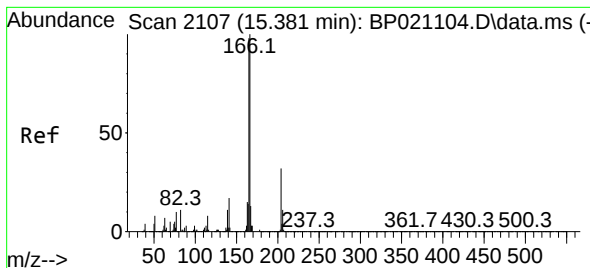
07/25/2024



#56
Dibenzofuran
Concen: 3.037 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

Tgt Ion:168 Resp: 117199
Ion Ratio Lower Upper
168 100
139 36.6 31.1 46.7





#61

Fluorene

Concen: 6.222 ng/ul

RT: 15.375 min Scan# 2107

Delta R.T. -0.012 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Instrument :

BNA_P

ClientSampleId :

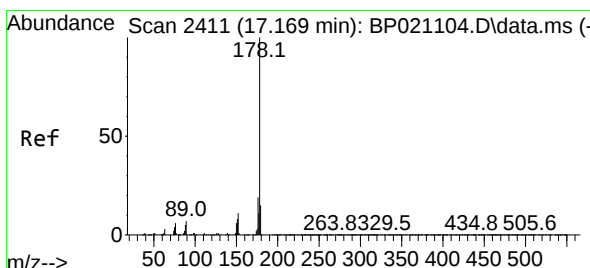
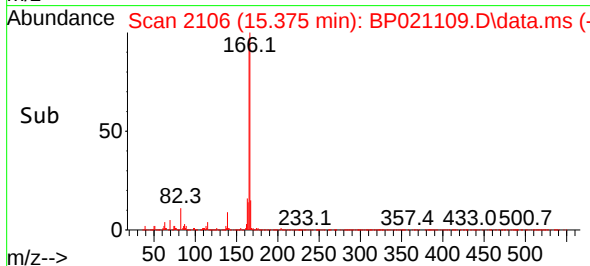
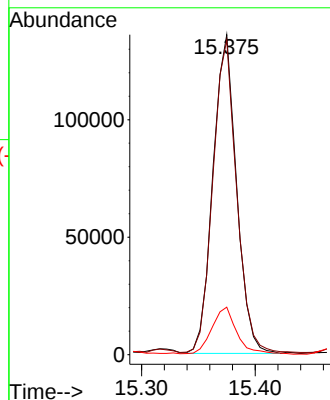
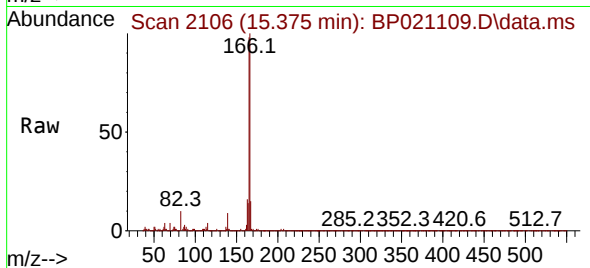
A4BE8

Tgt Ion:	166	Resp:	19593
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.1	117.1
167	14.9	10.9	16.3

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#72

Phenanthrene

Concen: 71.754 ng/ul

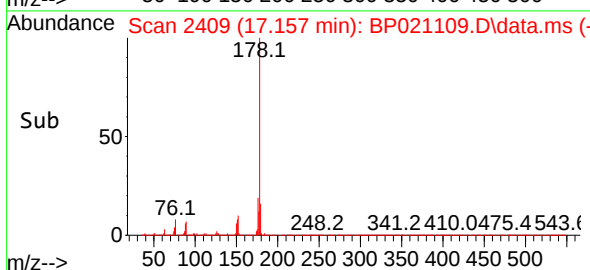
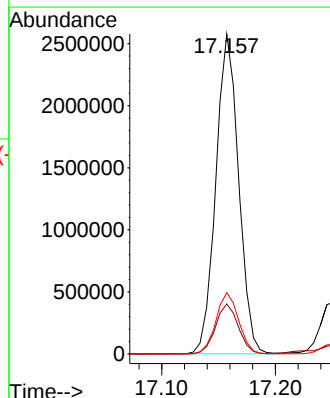
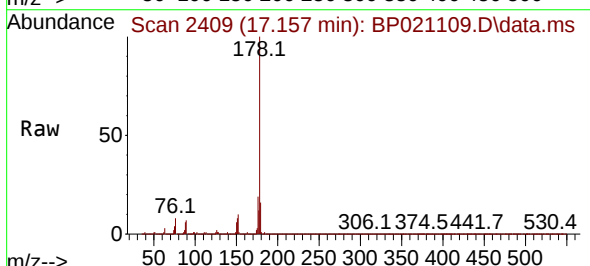
RT: 17.157 min Scan# 2409

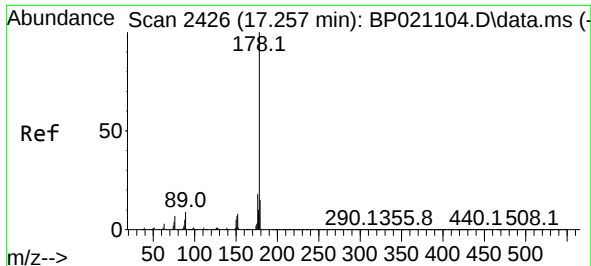
Delta R.T. -0.018 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

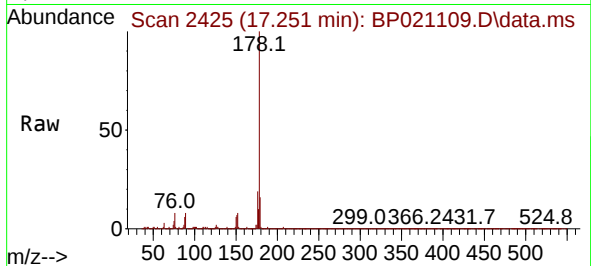
Tgt Ion:	178	Resp:	3593706
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	19.2	15.0	22.4





#74
 Anthracene
 Concen: 12.644 ng/ul
 RT: 17.251 min Scan# 2425
 Delta R.T. -0.024 min
 Lab File: BP021109.D
 Acq: 23 Jul 2024 22:16

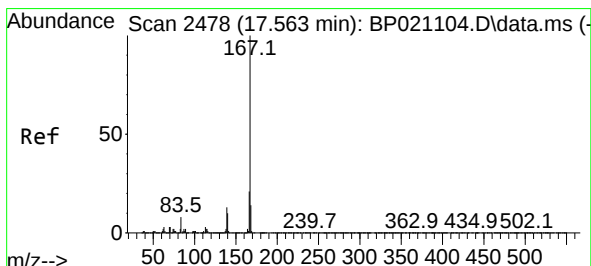
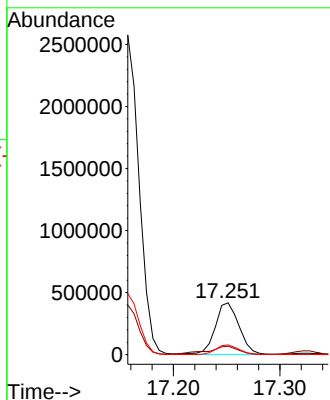
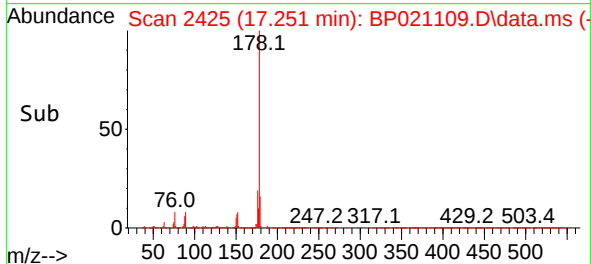
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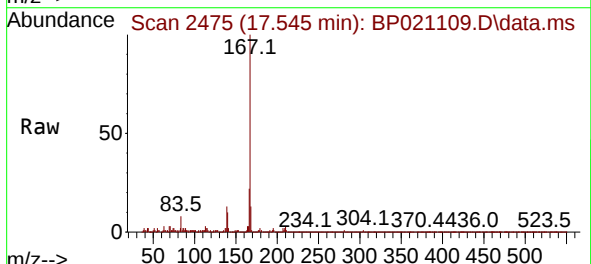
Tgt Ion:178 Resp: 645558
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.5 18.7
 176 18.7 14.8 22.2

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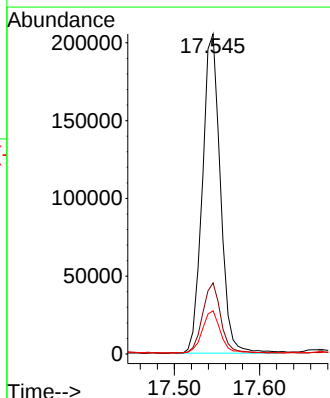
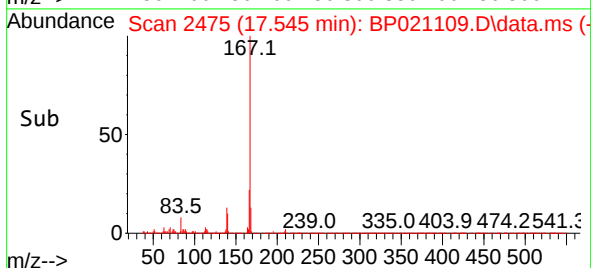
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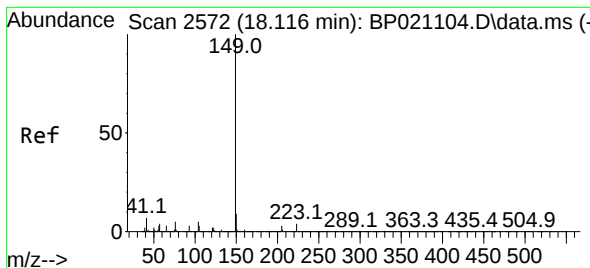


#77
 Carbazole
 Concen: 7.203 ng/ul
 RT: 17.545 min Scan# 2475
 Delta R.T. -0.018 min
 Lab File: BP021109.D
 Acq: 23 Jul 2024 22:16



Tgt Ion:167 Resp: 300646
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.5 10.2 15.2





#78

Di-n-butylphthalate

Concen: 2.006 ng/ul

RT: 18.116 min Scan# 2572

Delta R.T. -0.024 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Instrument :

BNA_P

ClientSampleId :

A4BE8

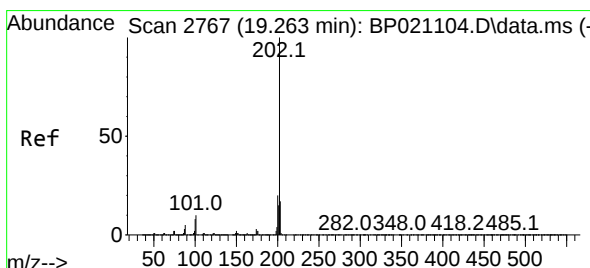
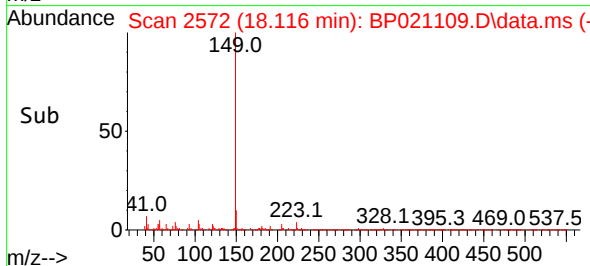
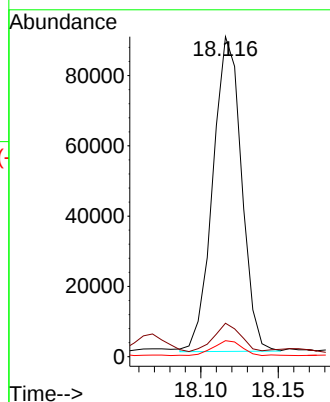
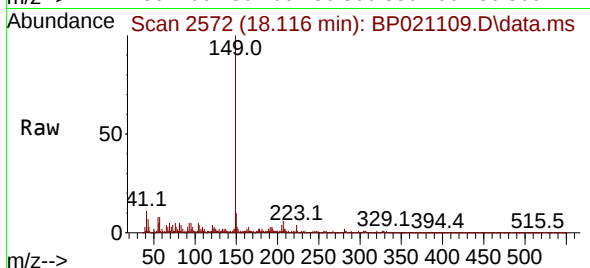
Tgt Ion:149 Resp: 115539

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.4	11.0
104	5.0	3.9	5.9

Manual Integrations

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#80

Fluoranthene

Concen: 77.400 ng/ul

RT: 19.263 min Scan# 2767

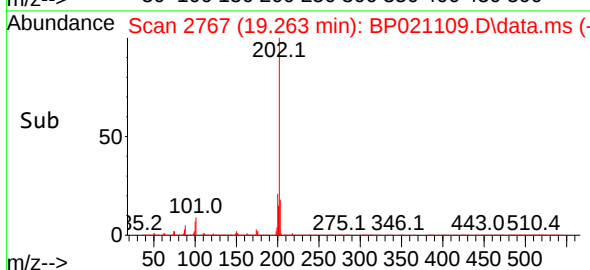
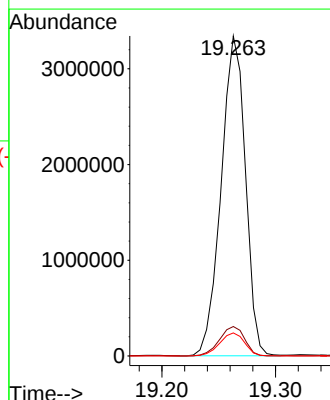
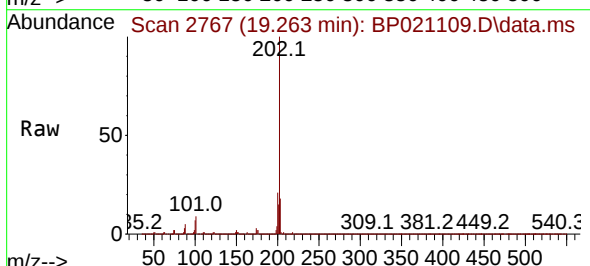
Delta R.T. -0.018 min

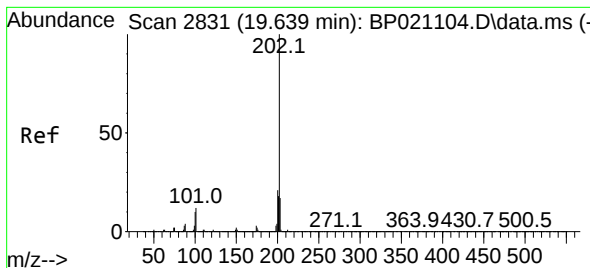
Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Tgt Ion:202 Resp: 4963084

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.0	12.0
100	7.2	6.1	9.1





#82

Pyrene

Concen: 59.347 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. -0.018 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Instrument :

BNA_P

ClientSampleId :

A4BE8

Tgt Ion:202 Resp: 3872404

Ion Ratio Lower Upper

202 100

101 10.7 9.4 14.2

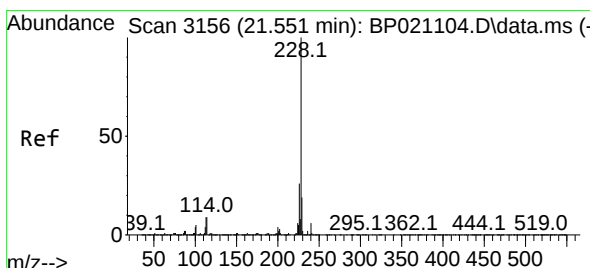
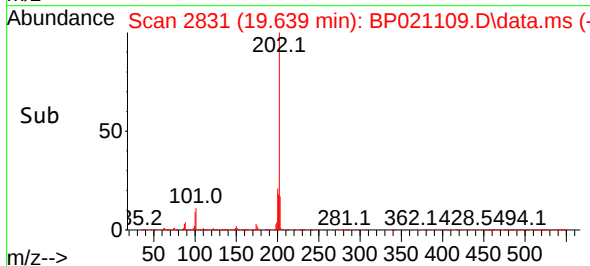
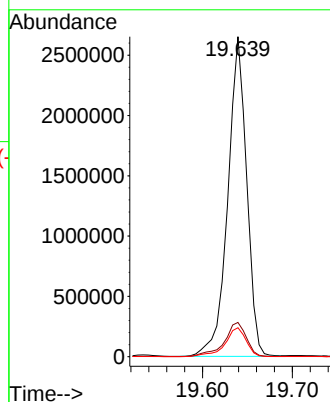
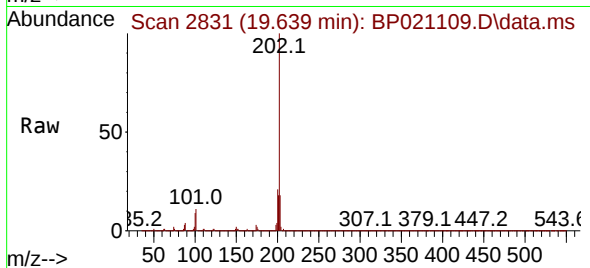
100 9.0 7.8 11.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 37.599 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. -0.029 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

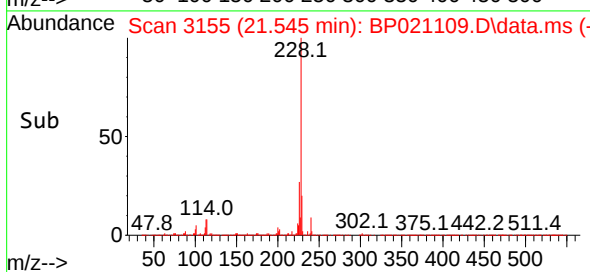
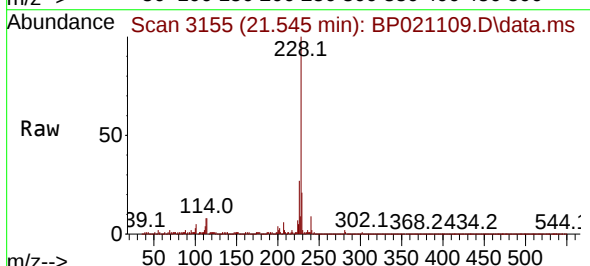
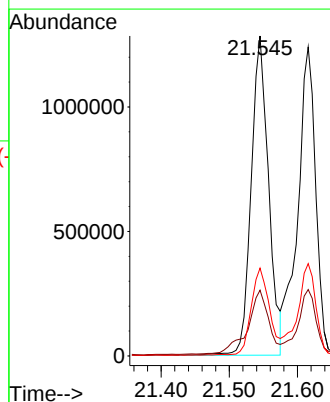
Tgt Ion:228 Resp: 2262064

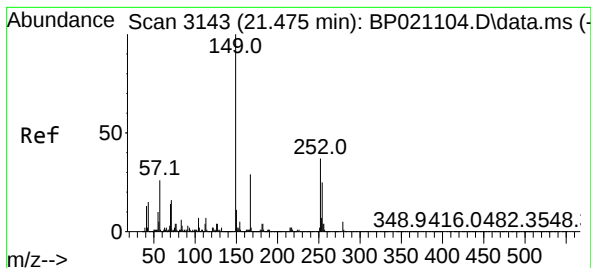
Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

226 27.4 21.4 32.2





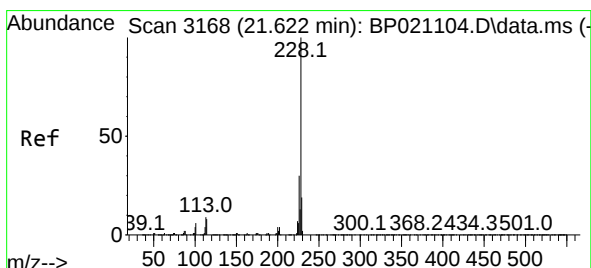
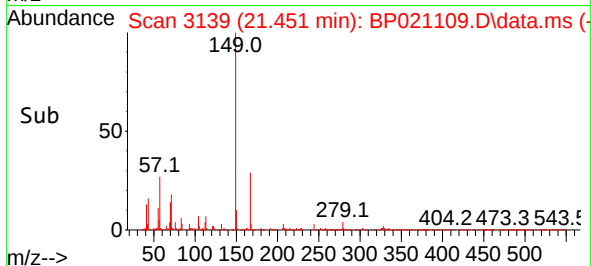
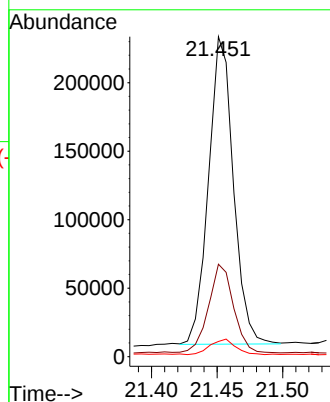
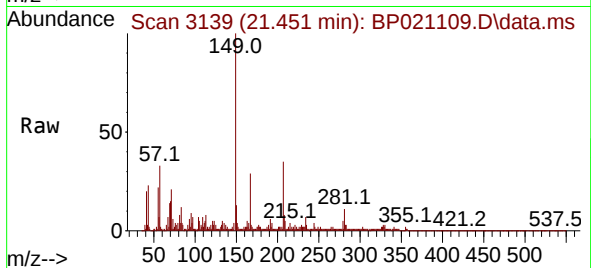
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.569 ng/ul
RT: 21.451 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

Instrument :
BNA_P
ClientSampleId :
A4BE8

Tgt Ion:149 Resp: 296135
Ion Ratio Lower Upper
149 100
167 28.9 22.1 33.1
279 4.8 3.7 5.5

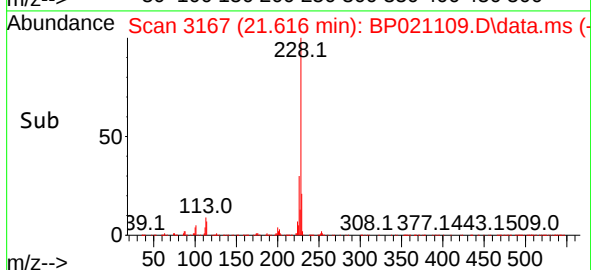
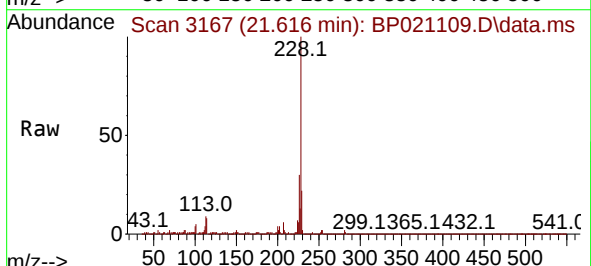
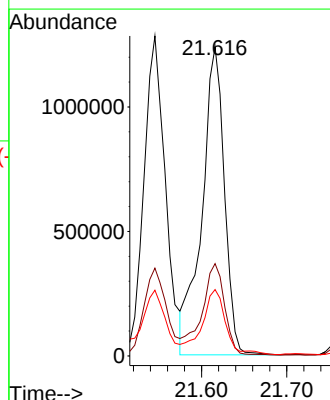
Manual Integrations
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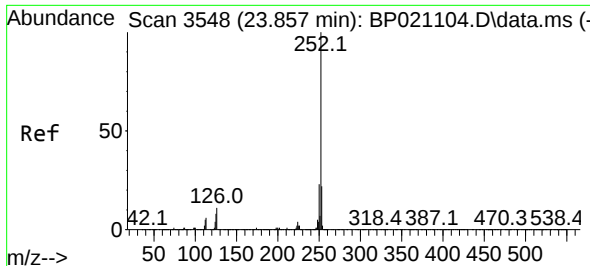
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 40.762 ng/ul
RT: 21.616 min Scan# 3167
Delta R.T. -0.024 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

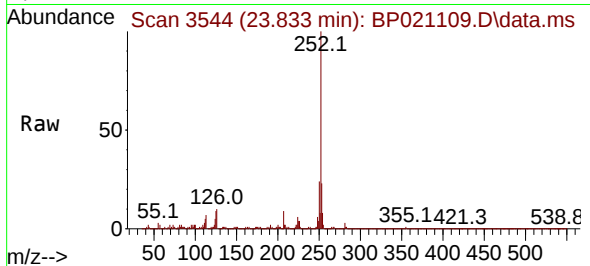
Tgt Ion:228 Resp: 2278736
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 44.314 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. -0.041 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16

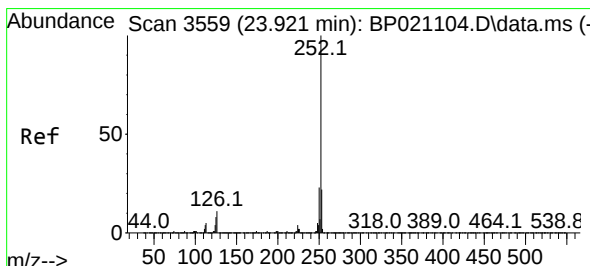
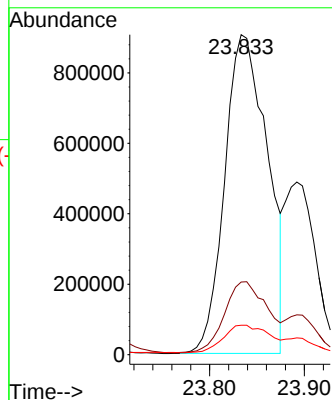
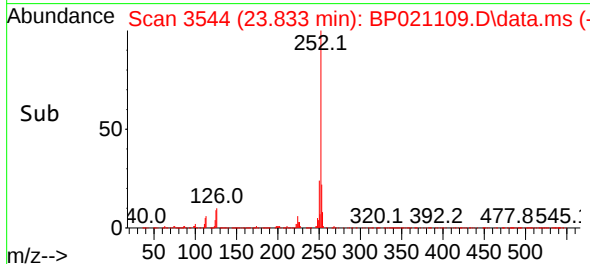
Instrument :
BNA_P
ClientSampleId :
A4BE8



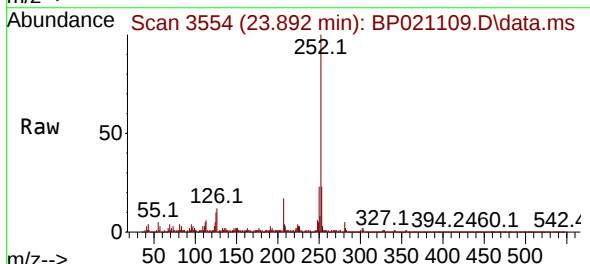
Tgt Ion:252 Resp: 283940
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.2 7.0 10.4

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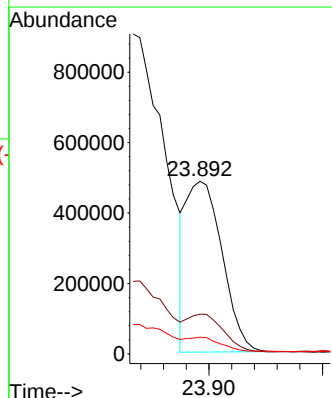
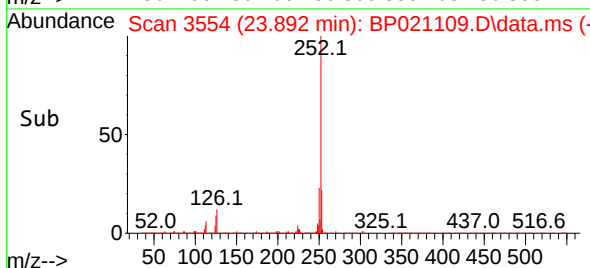
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

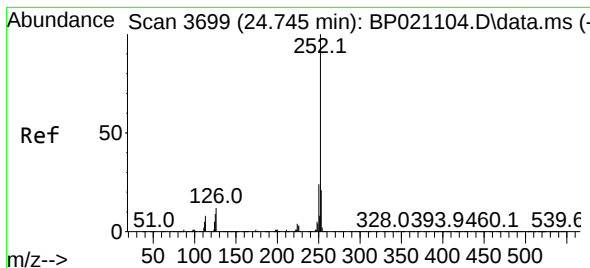


#91
Benzo(k)fluoranthene
Concen: 16.688 ng/ul
RT: 23.892 min Scan# 3554
Delta R.T. -0.059 min
Lab File: BP021109.D
Acq: 23 Jul 2024 22:16



Tgt Ion:252 Resp: 1067122
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 9.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 19.322 ng/ul

RT: 24.727 min Scan# 3699

Delta R.T. -0.053 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Instrument :

BNA_P

ClientSampleId :

A4BE8

Tgt Ion:252 Resp: 1169930

Ion Ratio Lower Upper

252 100

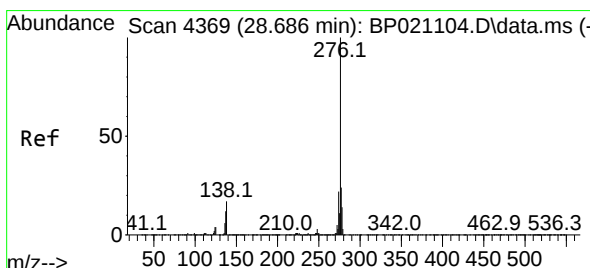
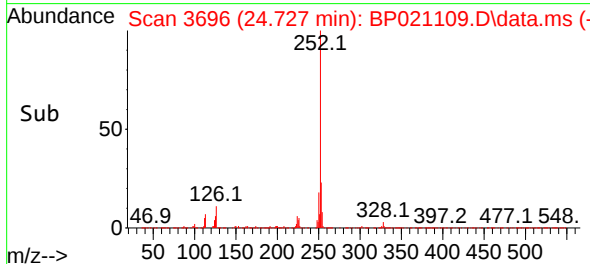
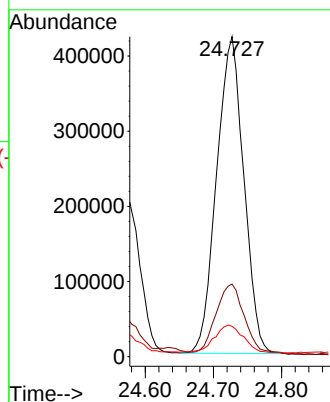
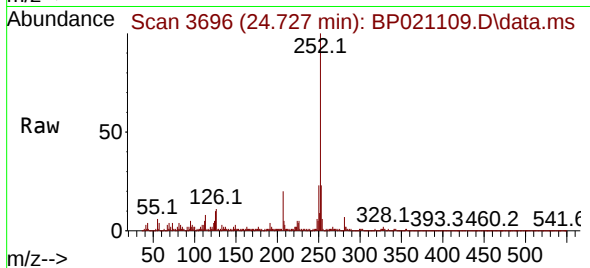
253 22.7 17.4 26.0

125 9.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.704 ng/ul

RT: 28.668 min Scan# 4366

Delta R.T. -0.106 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

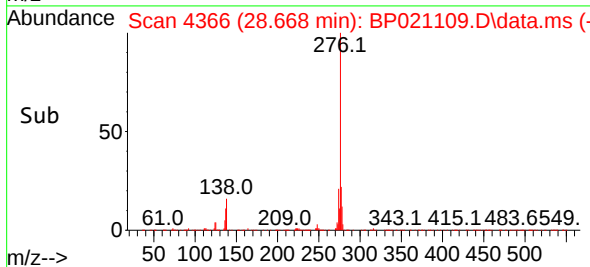
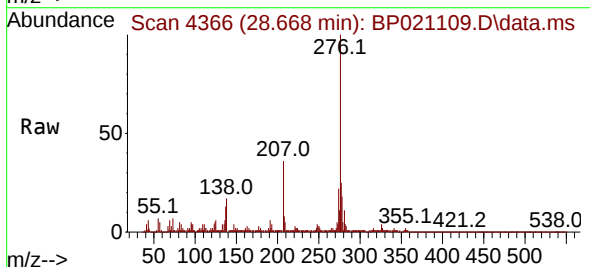
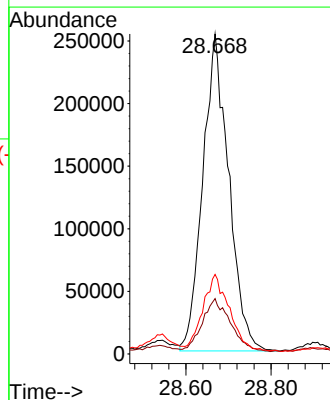
Tgt Ion:276 Resp: 1069216

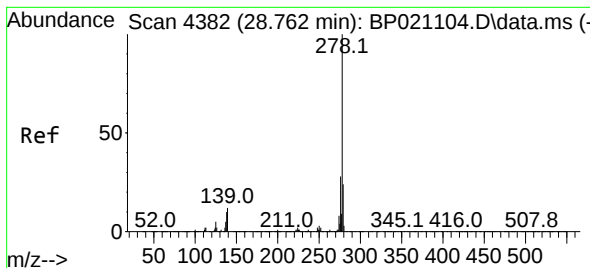
Ion Ratio Lower Upper

276 100

138 17.3 14.3 21.5

277 24.8 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 6.119 ng/ul m

RT: 28.704 min Scan# 41

Delta R.T. -0.124 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Instrument :

BNA_P

ClientSampleId :

A4BE8

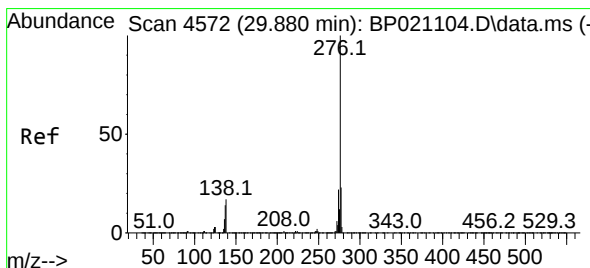
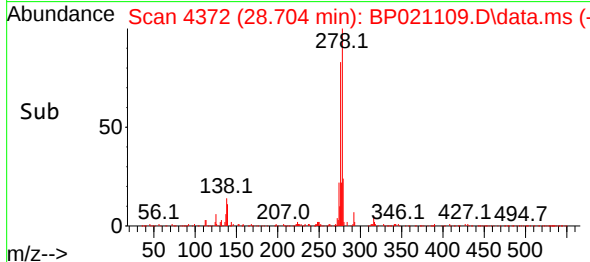
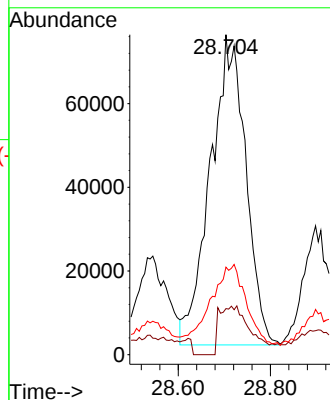
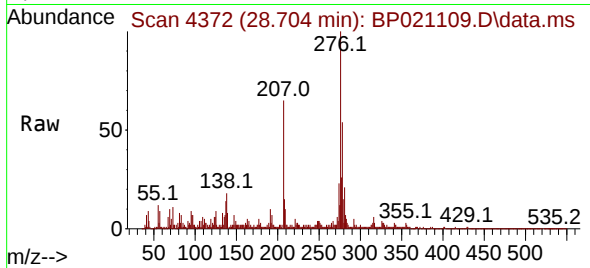
Tgt Ion:278 Resp: 39536

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.9	16.3
279	27.3	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#96

Benzo(g,h,i)perylene

Concen: 2.723 ng/ul m

RT: 29.845 min Scan# 4566

Delta R.T. -0.094 min

Lab File: BP021109.D

Acq: 23 Jul 2024 22:16

Tgt Ion:276 Resp: 173005

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	26.7	18.2	27.2

