

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021110.D
 Acq On : 23 Jul 2024 22:59
 Operator : MA/JU
 Sample : P3238-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C04

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 04:43:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	173197	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	699000	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	468444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1003653	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	956430	20.000	ng/u1	0.00
88) Perylene-d12	24.898	264	1188350	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13422	3.527	ng/uL	0.00
4) Pyridine-d5	3.628	84	11866	1.077	ng/u1	0.02
7) Phenol-d5	6.887	99	282592	20.013	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	165837	19.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	242111	20.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	234295	19.978	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	117005	21.551	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	131096	21.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	242500	21.582	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	169887	11.413	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	748072	21.968	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	871082	22.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	82873m	17.105	ng/u1	0.00
60) Fluorene-d10	15.322	176	684539	24.503	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	37659	6.201	ng/u1	0.00
73) Anthracene-d10	17.222	188	1114063	24.992	ng/u1	0.00
81) Pyrene-d10	19.610	212	1193240	20.180	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	1094396	18.673	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.481	128	110180	2.997	ng/u1	100
36) 2-Methylnaphthalene	12.104	142	43066	1.706	ng/u1	97
37) 1-Methylnaphthalene	12.322	142	36078	1.390	ng/u1	96
50) Acenaphthylene	14.028	152	58140	1.343	ng/u1	99
52) Acenaphthene	14.369	153	192637	6.704	ng/u1	98
56) Dibenzofuran	14.716	168	171601	4.361	ng/u1	95
61) Fluorene	15.375	166	255165	7.947	ng/u1	100
72) Phenanthrene	17.163	178	4123503	79.198	ng/u1	99
74) Anthracene	17.263	178	850458	16.023	ng/u1	99
77) Carbazole	17.545	167	456646	10.524	ng/u1	99
80) Fluoranthene	19.269	202	5865615	82.141	ng/u1	98
82) Pyrene	19.645	202	4406828	60.646	ng/u1	99
83) Butylbenzylphthalate	20.569	149	36378	1.202	ng/u1	89
85) Benzo(a)anthracene	21.551	228	2680371	40.006	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	481876	11.060	ng/u1#	98
87) Chrysene	21.616	228	2756022	44.269	ng/u1	97
90) Benzo(b)fluoranthene	23.839	252	3302730	45.798	ng/u1	98
91) Benzo(k)fluoranthene	23.904	252	1330773m	18.491	ng/u1	
93) Benzo(a)pyrene	24.733	252	1540780	22.610	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.686	276	1292713	14.721	ng/u1	98
95) Dibenzo(a,h)anthracene	28.709	278	461208m	6.342	ng/u1	
96) Benzo(g,h,i)perylene	29.845	276	204835m	2.864	ng/u1	

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

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

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

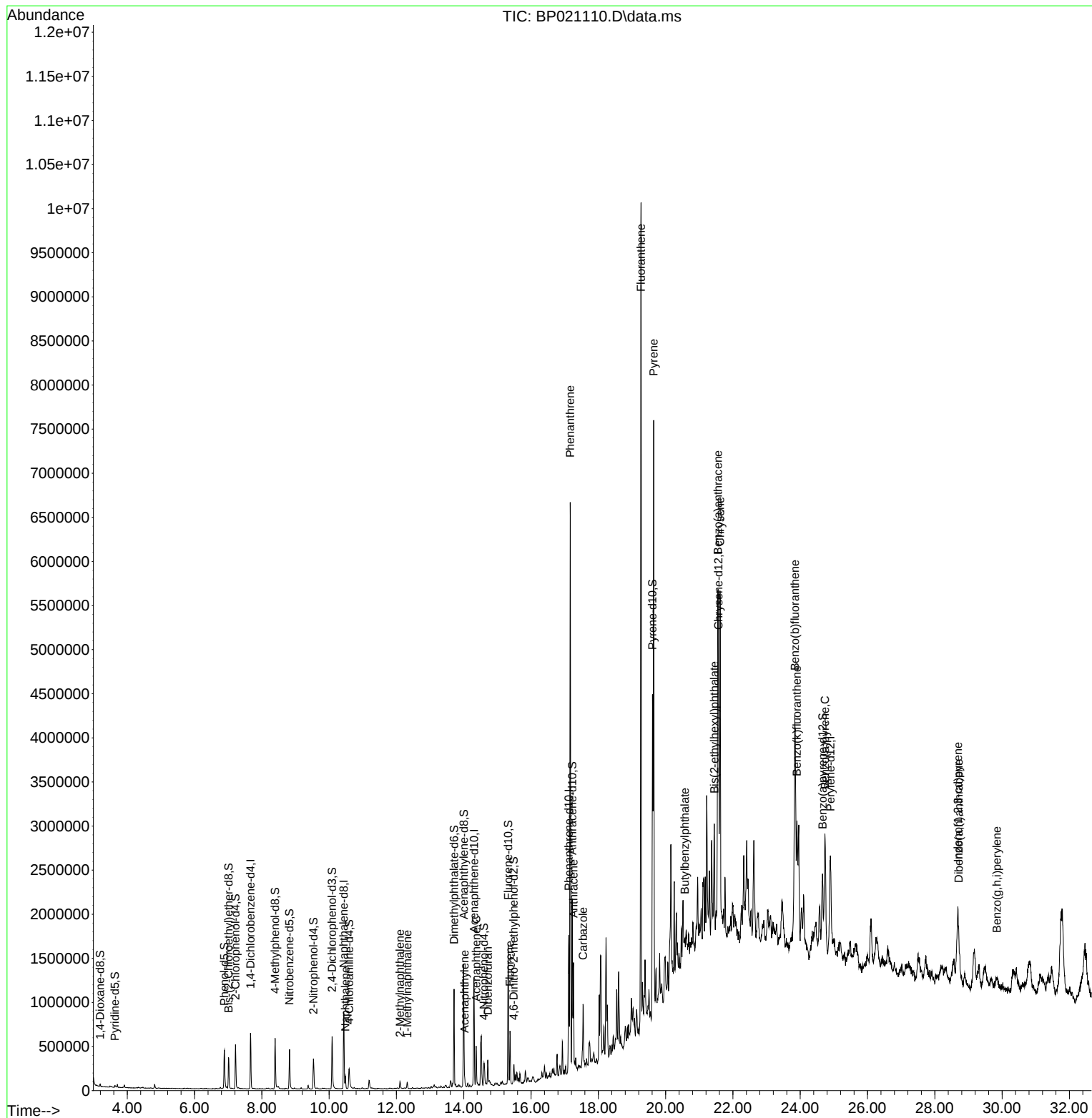
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
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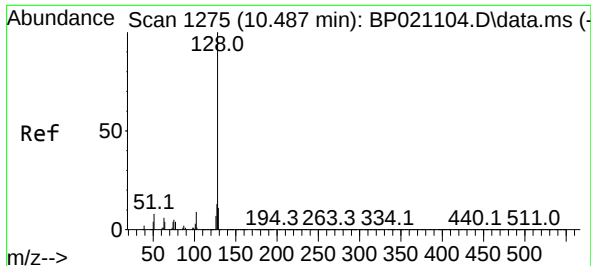
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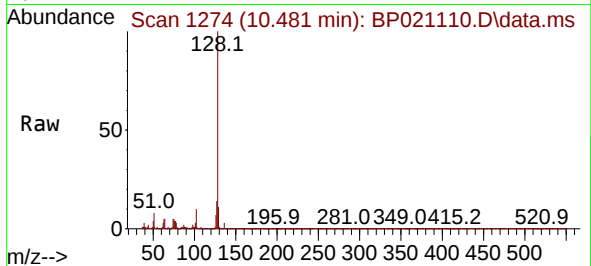
Quant Time: Jul 24 04:43:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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#30
Naphthalene
Concen: 2.997 ng/ul
RT: 10.481 min Scan# 110180
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

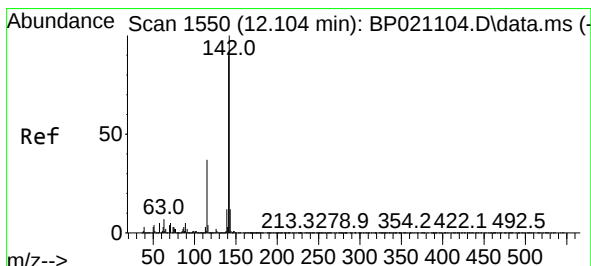
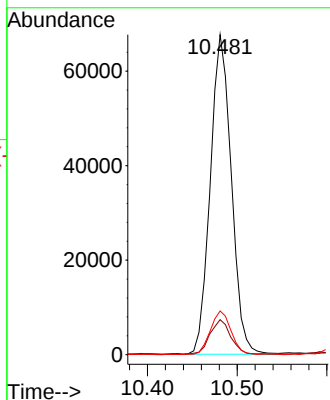
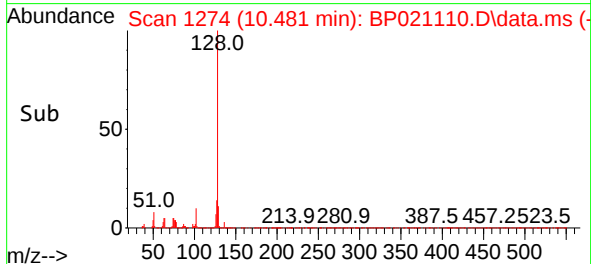
Instrument :
BNA_P
ClientSampleId :
A4C04



Tgt Ion:128 Resp: 110180
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.8 16.2

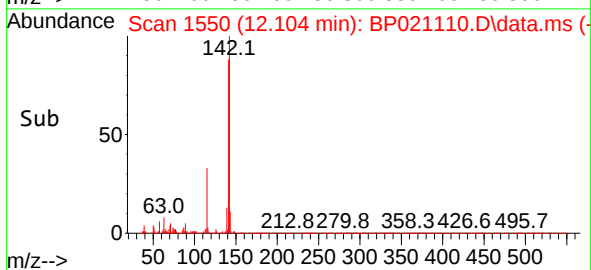
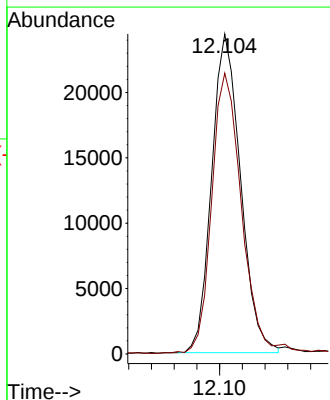
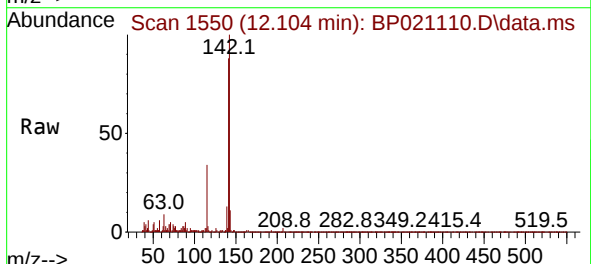
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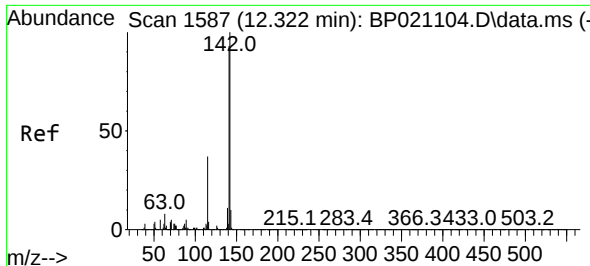
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#36
2-Methylnaphthalene
Concen: 1.706 ng/ul
RT: 12.104 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Tgt Ion:142 Resp: 43066
Ion Ratio Lower Upper
142 100
141 87.8 72.6 108.8





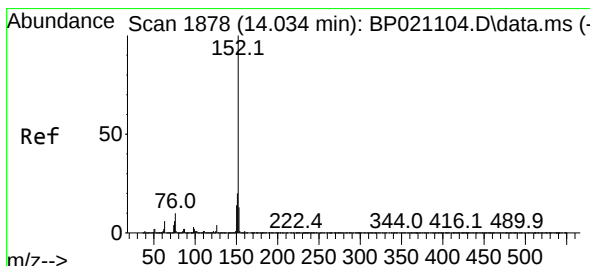
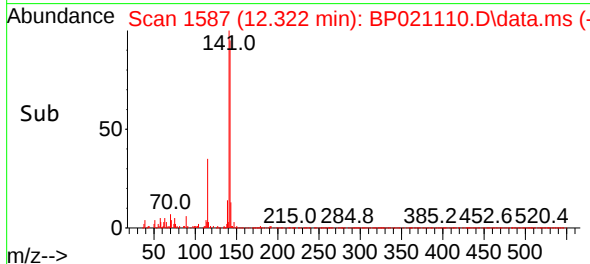
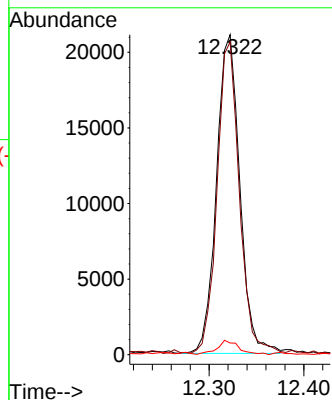
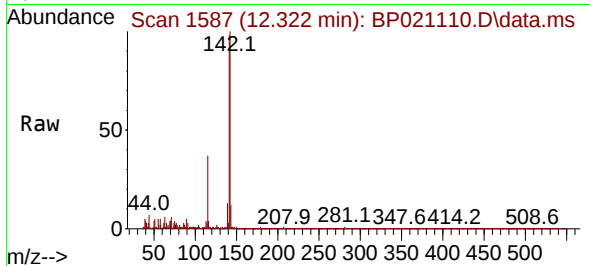
#37
1-Methylnaphthalene
Concen: 1.390 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Instrument :
BNA_P
ClientSampleId :
A4C04

Tgt Ion:142 Resp: 36078
Ion Ratio Lower Upper
142 100
141 97.7 75.0 112.6
116 3.7 3.2 4.8

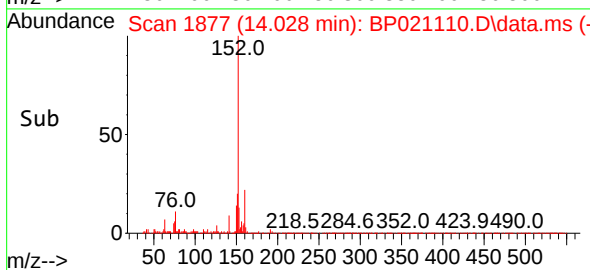
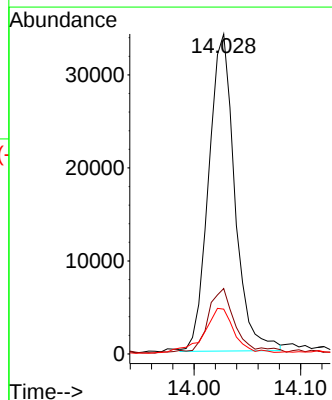
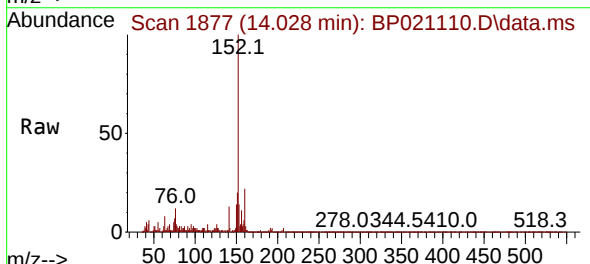
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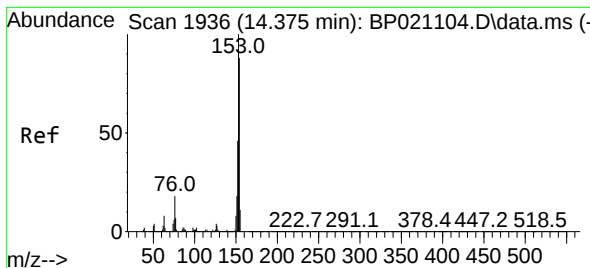
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#50
Acenaphthylene
Concen: 1.343 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

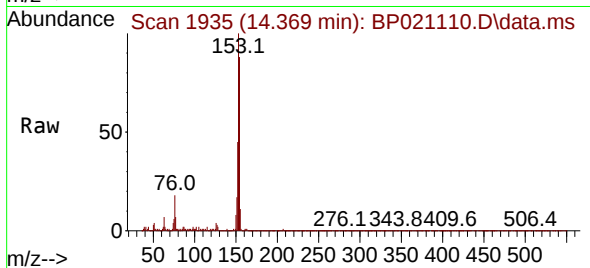
Tgt Ion:152 Resp: 58140
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.0 10.3 15.5





#52
Acenaphthene
Concen: 6.704 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

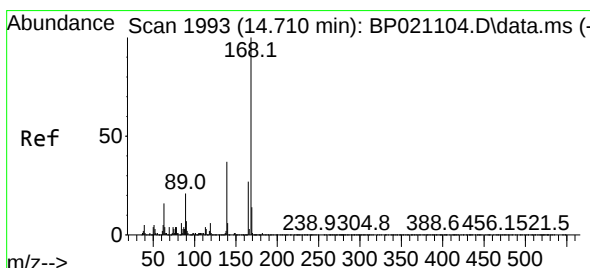
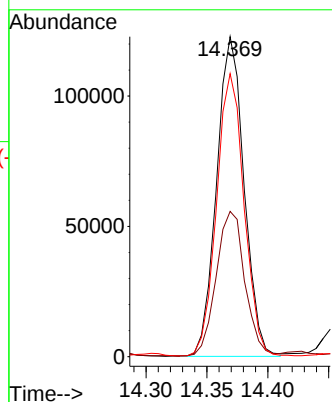
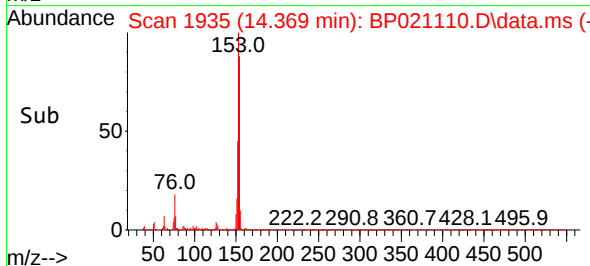
Instrument :
BNA_P
ClientSampleId :
A4C04



Tgt Ion:153 Resp: 19263
Ion Ratio Lower Upper
153 100
152 45.4 37.8 56.6
154 88.4 71.8 107.6

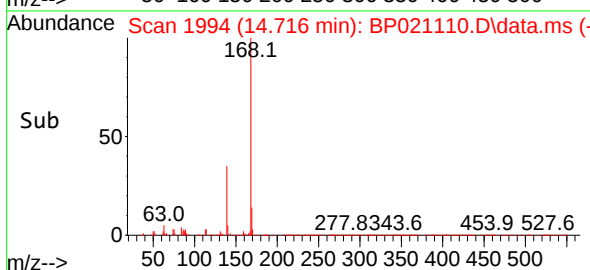
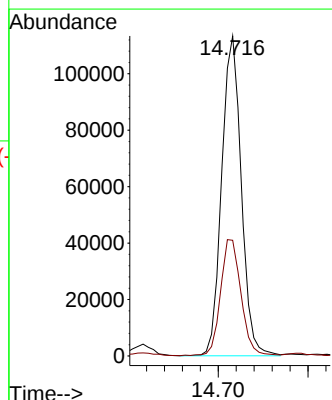
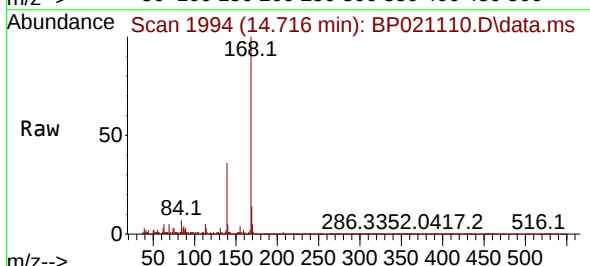
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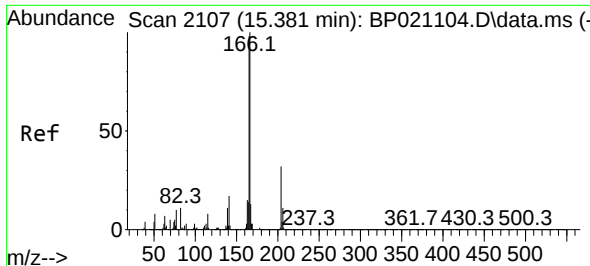
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#56
Dibenzofuran
Concen: 4.361 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Tgt Ion:168 Resp: 171601
Ion Ratio Lower Upper
168 100
139 36.2 31.1 46.7





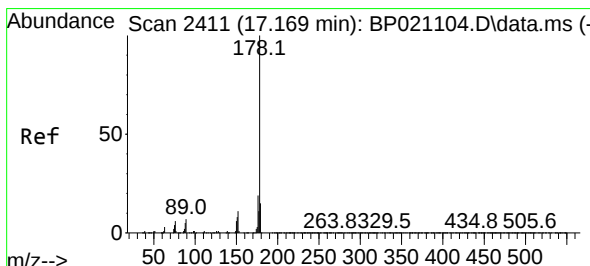
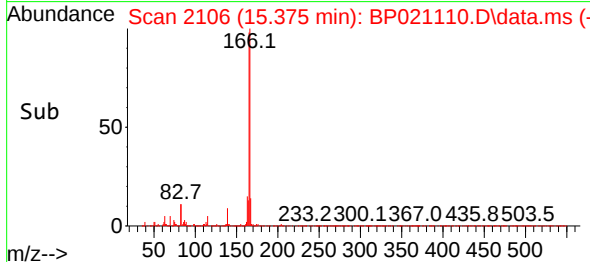
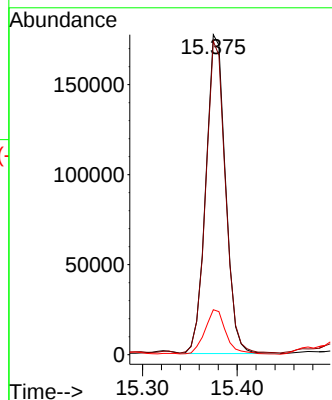
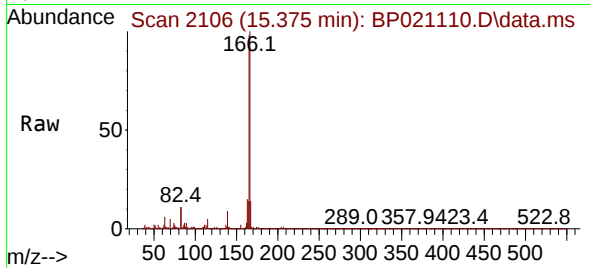
#61
Fluorene
Concen: 7.947 ng/ul
RT: 15.375 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Instrument :
BNA_P
ClientSampleId :
A4C04

Tgt Ion:166 Resp: 25516
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 14.1 10.9 16.3

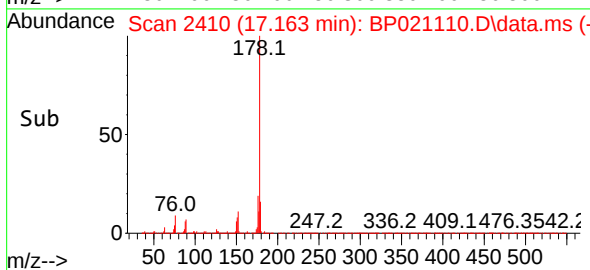
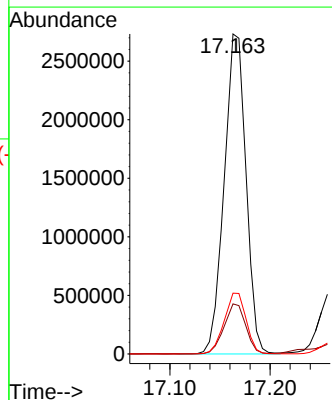
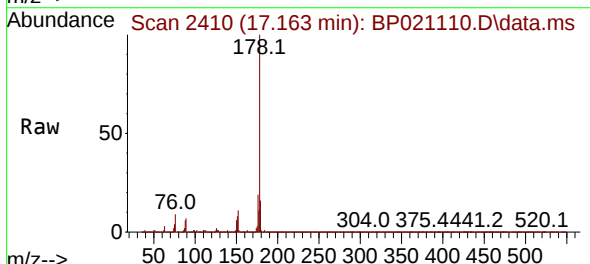
Manual Integrations
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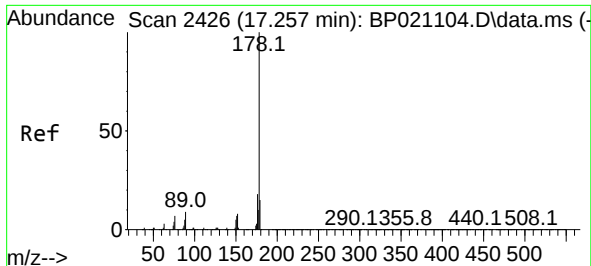
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Phenanthrene
Concen: 79.198 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Tgt Ion:178 Resp: 4123503
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.0 15.0 22.4





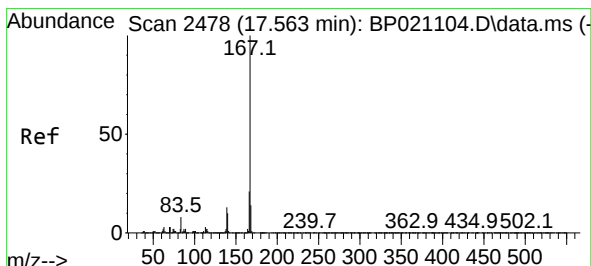
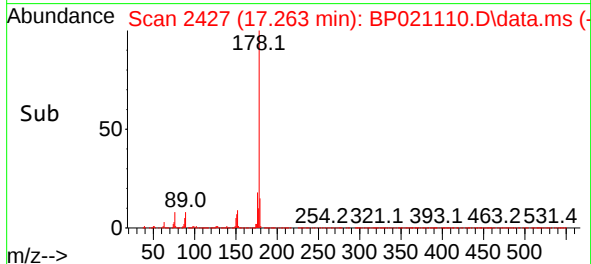
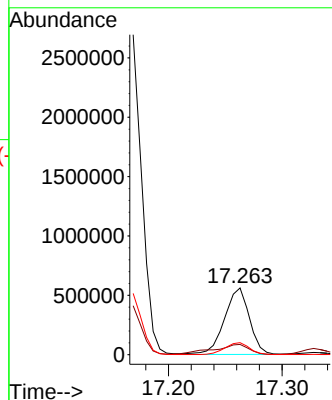
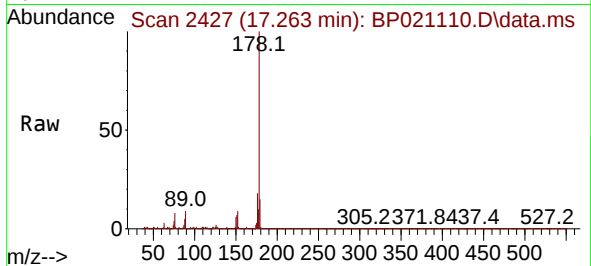
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 Anthracene
 Concen: 16.023 ng/ul
 RT: 17.263 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BP021110.D
 Acq: 23 Jul 2024 22:59

Instrument :
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 A4C04

Tgt Ion:178 Resp: 850458
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 18.0 14.8 22.2

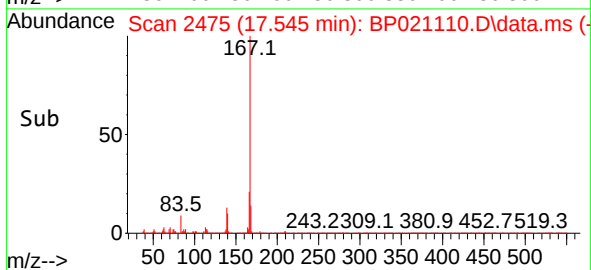
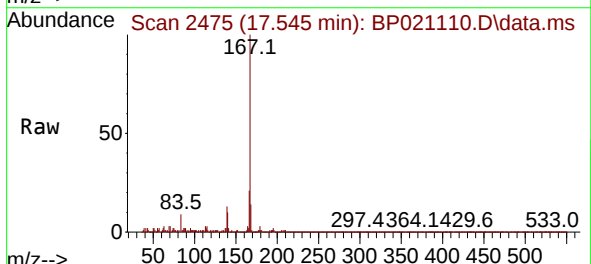
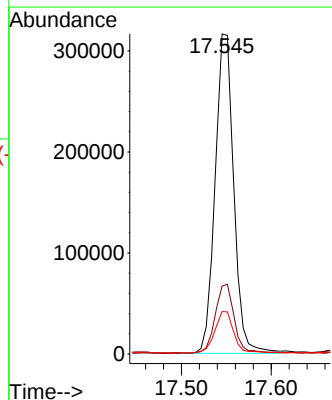
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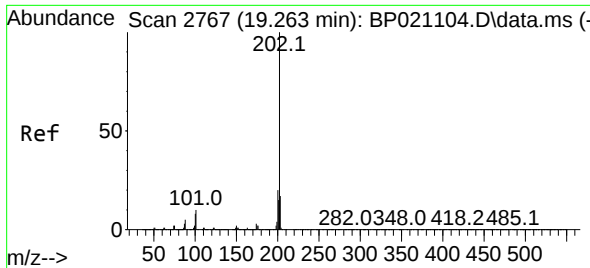
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#77
 Carbazole
 Concen: 10.524 ng/ul
 RT: 17.545 min Scan# 2475
 Delta R.T. -0.018 min
 Lab File: BP021110.D
 Acq: 23 Jul 2024 22:59

Tgt Ion:167 Resp: 456646
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.2 10.2 15.2





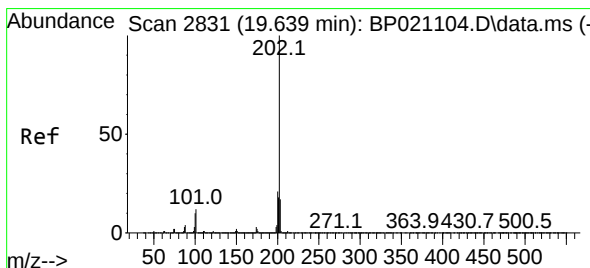
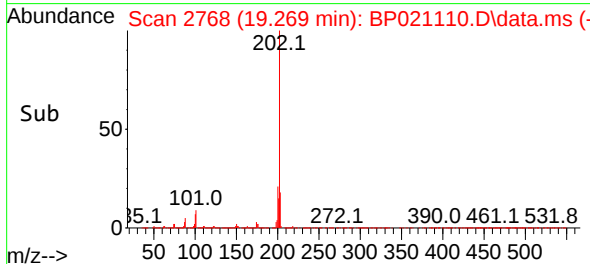
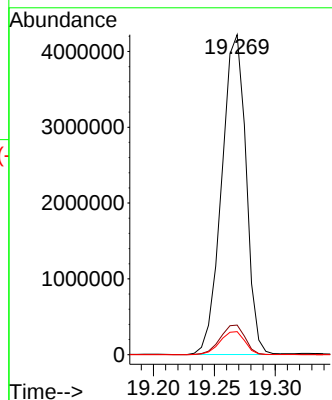
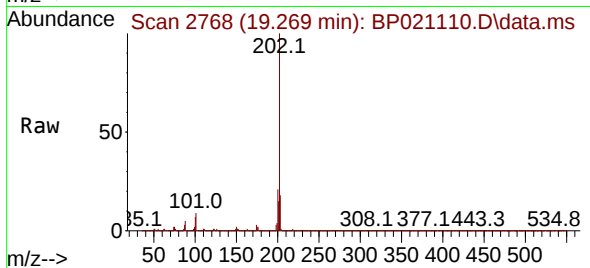
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Fluoranthene
Concen: 82.141 ng/ul
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021110.D
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Instrument :
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ClientSampleId :
A4C04

Tgt Ion:202 Resp: 586561
Ion Ratio Lower Upper
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101 9.3 8.0 12.0
100 7.2 6.1 9.1

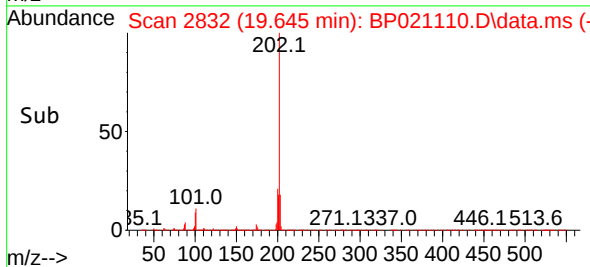
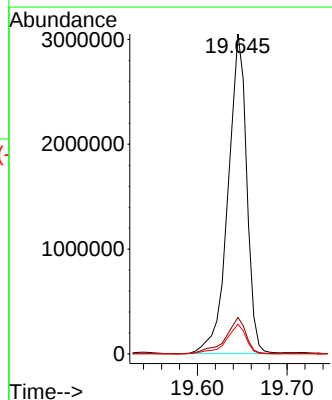
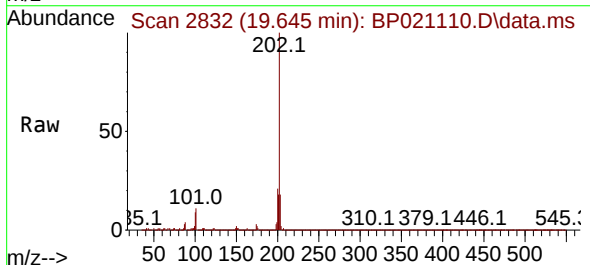
Manual Integrations
APPROVED

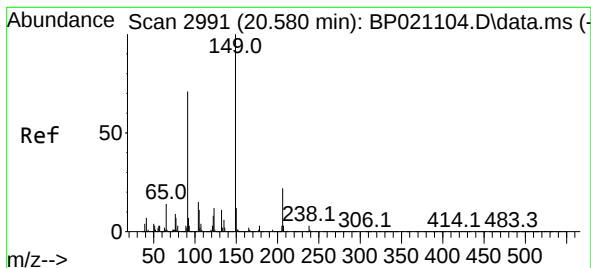
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#82
Pyrene
Concen: 60.646 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Tgt Ion:202 Resp: 4406828
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 1.202 ng/ul

RT: 20.569 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Instrument :

BNA_P

ClientSampleId :

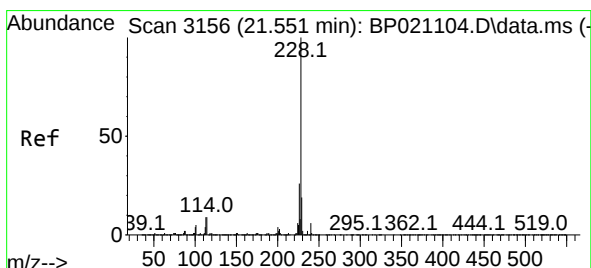
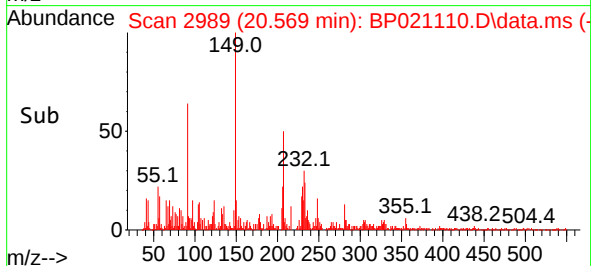
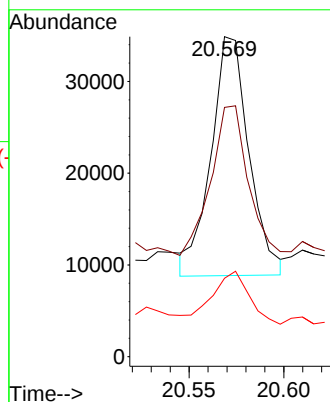
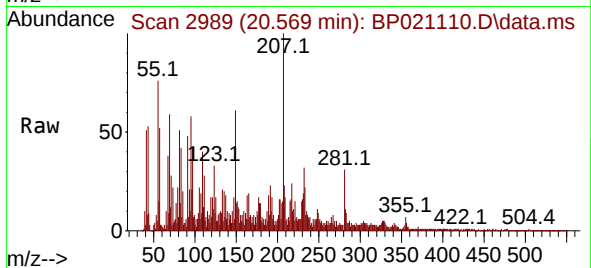
A4C04

Tgt Ion:	149	Resp:	36378
Ion Ratio	Lower	Upper	
149	100		
91	77.9	54.1	81.1
206	24.5	17.0	25.6

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 40.006 ng/ul

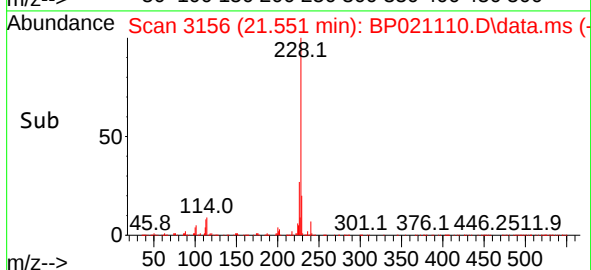
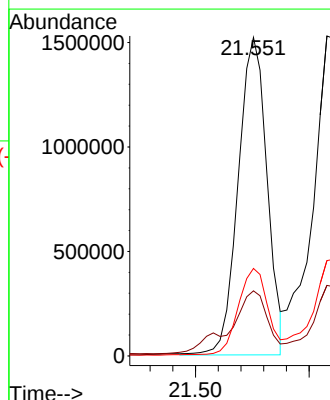
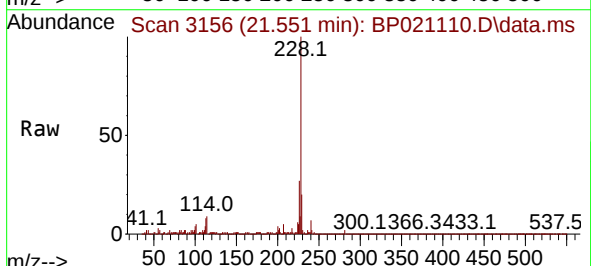
RT: 21.551 min Scan# 3156

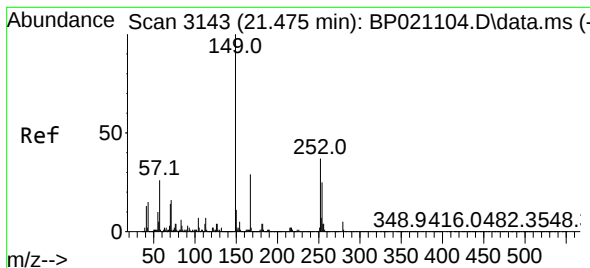
Delta R.T. -0.000 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Tgt Ion:	228	Resp:	2680371
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.5	23.3
226	27.5	21.4	32.2





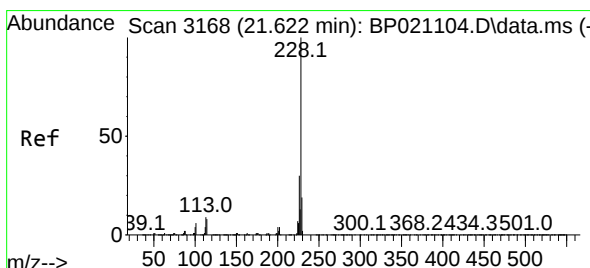
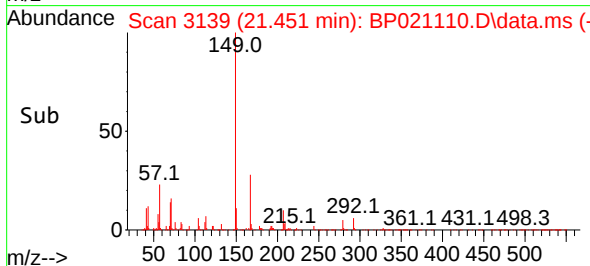
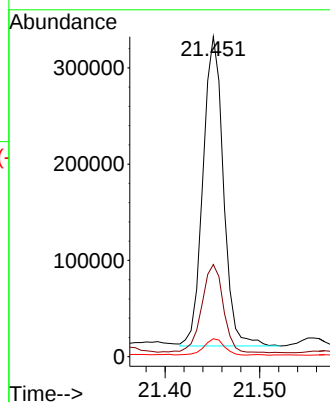
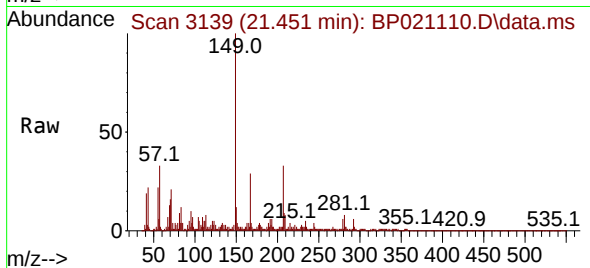
#86
Bis(2-ethylhexyl)phthalate
Concen: 11.060 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.024 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Instrument :
BNA_P
ClientSampleId :
A4C04

Tgt Ion:149 Resp: 481870
Ion Ratio Lower Upper
149 100
167 28.8 22.1 33.1
279 5.6 3.7 5.5

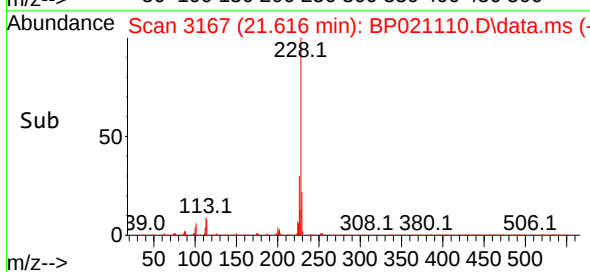
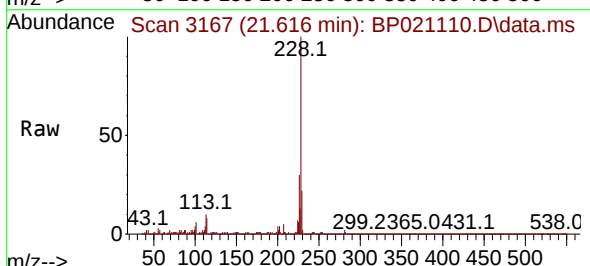
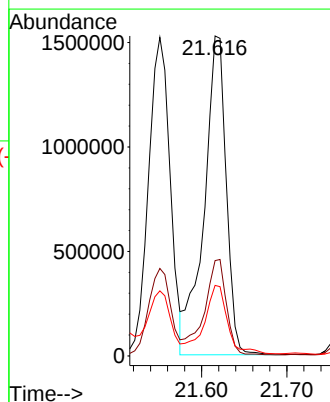
Manual Integrations
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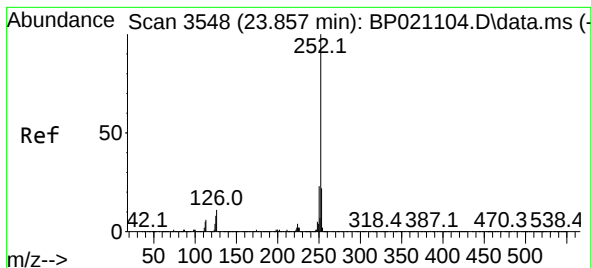
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 44.269 ng/ul
RT: 21.616 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP021110.D
Acq: 23 Jul 2024 22:59

Tgt Ion:228 Resp: 2756022
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 22.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 45.798 ng/ul

RT: 23.839 min Scan# 3545

Delta R.T. -0.018 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A4C04

Tgt Ion:252 Resp: 3302730

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

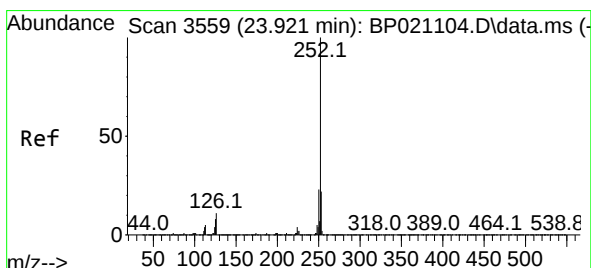
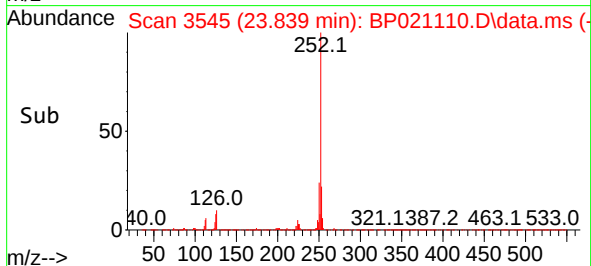
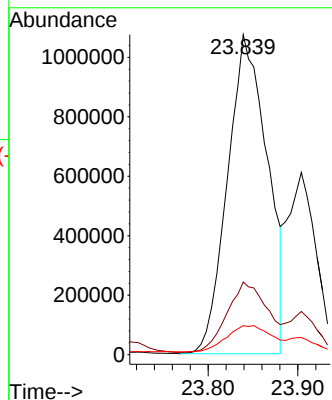
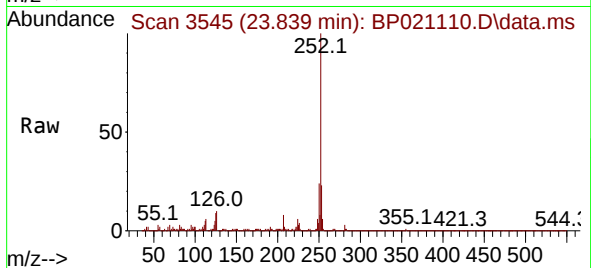
125 9.0 7.0 10.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/25/2024



#91

Benzo(k)fluoranthene

Concen: 18.491 ng/ul m

RT: 23.904 min Scan# 3556

Delta R.T. -0.018 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

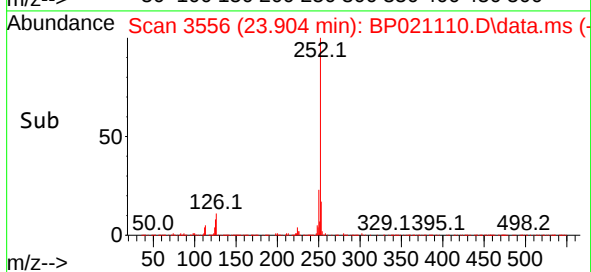
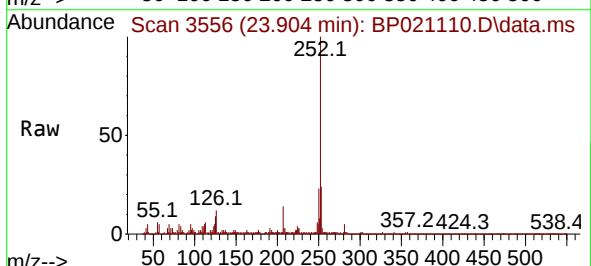
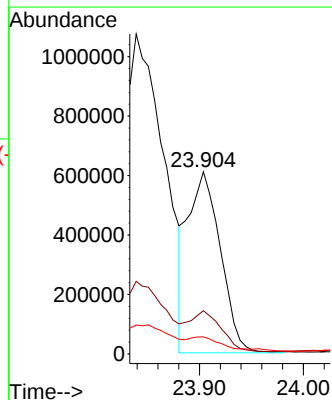
Tgt Ion:252 Resp: 1330773

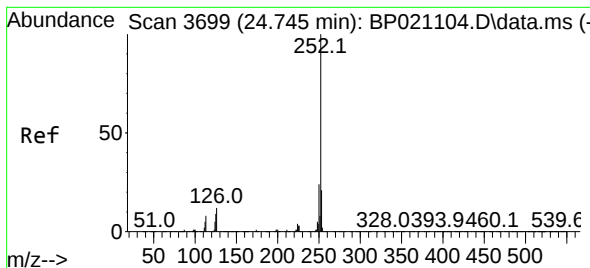
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 9.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 22.610 ng/ul

RT: 24.733 min Scan# 3697

Delta R.T. -0.012 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A4C04

Tgt Ion:252 Resp: 1540780

Ion Ratio Lower Upper

252 100

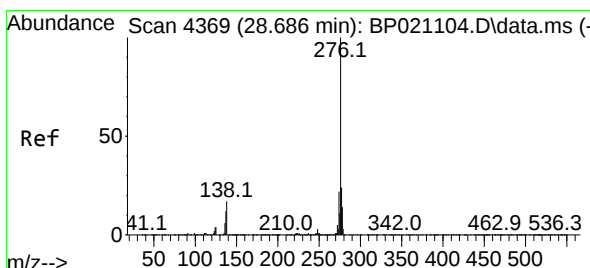
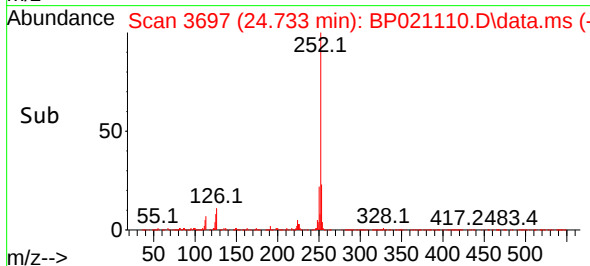
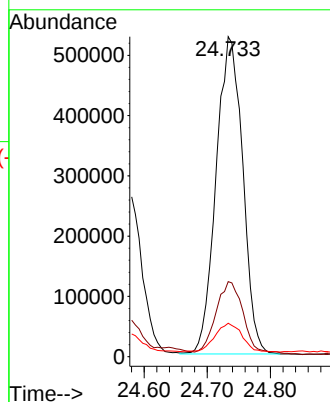
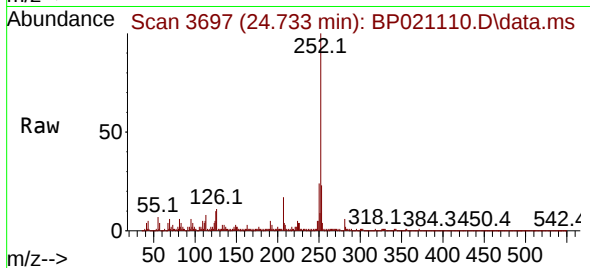
253 23.4 17.4 26.0

125 10.5 7.7 11.5

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.721 ng/ul

RT: 28.686 min Scan# 4369

Delta R.T. -0.000 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

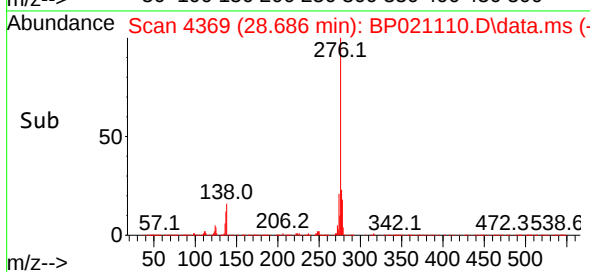
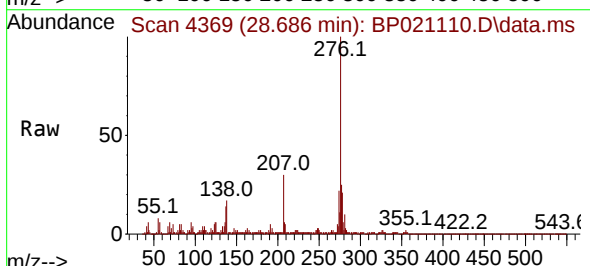
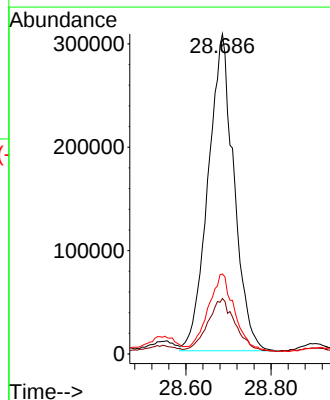
Tgt Ion:276 Resp: 1292713

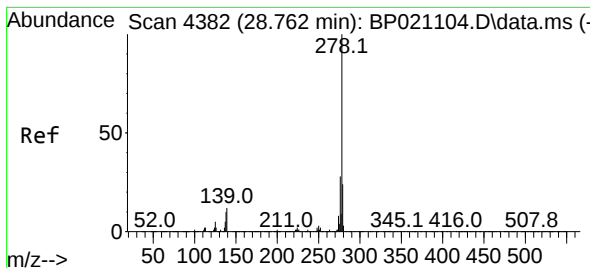
Ion Ratio Lower Upper

276 100

138 17.3 14.3 21.5

277 25.0 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 6.342 ng/ul m

RT: 28.709 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Instrument :

BNA_P

ClientSampleId :

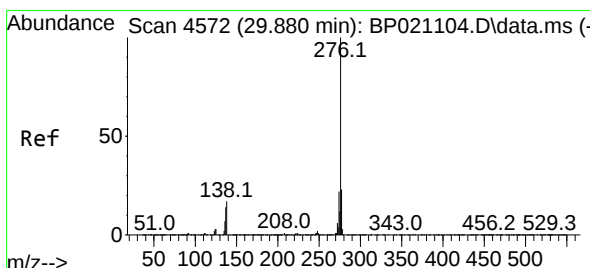
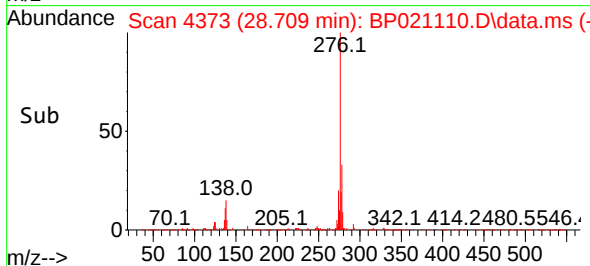
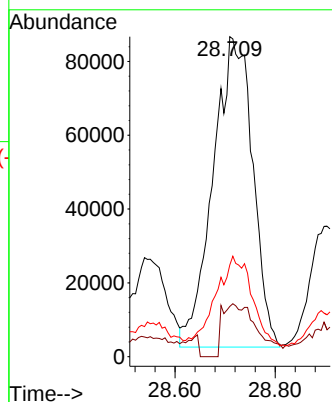
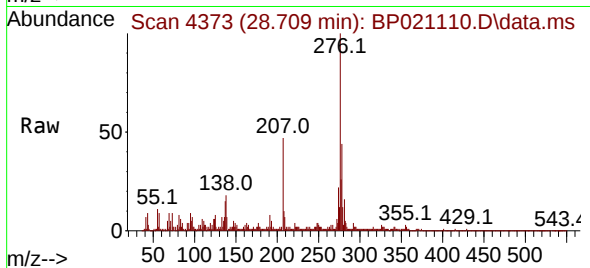
A4C04

Tgt Ion:278 Resp: 461208
 Ion Ratio Lower Upper
 278 100
 139 15.7 10.9 16.3
 279 28.6 19.4 29.0

Manual Integrations

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



#96

Benzo(g,h,i)perylene

Concen: 2.864 ng/ul m

RT: 29.845 min Scan# 4566

Delta R.T. -0.035 min

Lab File: BP021110.D

Acq: 23 Jul 2024 22:59

Tgt Ion:276 Resp: 204835
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.3 22.9
 277 27.4 18.2 27.2#

