

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021092.D
 Acq On : 22 Jul 2024 18:22
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 04:44:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	217399	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.440	136	896425	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	577913	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1268555	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1175459	20.000	ng/u1	-0.02
88) Perylene-d12	24.874	264	1391366	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15016	3.143	ng/uL	0.00
4) Pyridine-d5	3.658	84	56864	4.111	ng/u1	0.00
7) Phenol-d5	6.893	99	369089	20.824	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	206859	19.259	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	305144	20.896	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	280874	19.080	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	143579	20.621	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	163360	20.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	294672	20.449	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	48232m	2.527	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	858079	20.425	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1010260	21.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	124652m	20.854	ng/u1	-0.01
60) Fluorene-d10	15.316	176	786159	22.810	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	57186	7.451	ng/u1	0.00
73) Anthracene-d10	17.222	188	1228410	21.802	ng/u1	0.00
81) Pyrene-d10	19.604	212	1333032	18.343	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.645	264	1111274	16.194	ng/u1	-0.04
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.028	152	64588	1.209	ng/u1	97
52) Acenaphthene	14.375	153	83327	2.351	ng/u1	96
56) Dibenzofuran	14.716	168	60822	1.253	ng/u1	98
61) Fluorene	15.369	166	83289	2.103	ng/u1	99
72) Phenanthrene	17.169	178	1381522	20.993	ng/u1	100
74) Anthracene	17.257	178	354883	5.290	ng/u1	100
77) Carbazole	17.545	167	153735	2.803	ng/u1	96
80) Fluoranthene	19.257	202	2297823	26.182	ng/u1	100
82) Pyrene	19.633	202	1651619	18.494	ng/u1	100
85) Benzo(a)anthracene	21.545	228	1018784	12.373	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	118109	2.206	ng/u1#	99
87) Chrysene	21.610	228	1016061	13.280	ng/u1	98
90) Benzo(b)fluoranthene	23.827	252	1395082	16.523	ng/u1	98
91) Benzo(k)fluoranthene	23.886	252	463677m	5.503	ng/u1	
93) Benzo(a)pyrene	24.715	252	564428	7.074	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.651	276	544065	5.292	ng/u1	97
95) Dibenzo(a,h)anthracene	28.692	278	181955m	2.137	ng/u1	

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

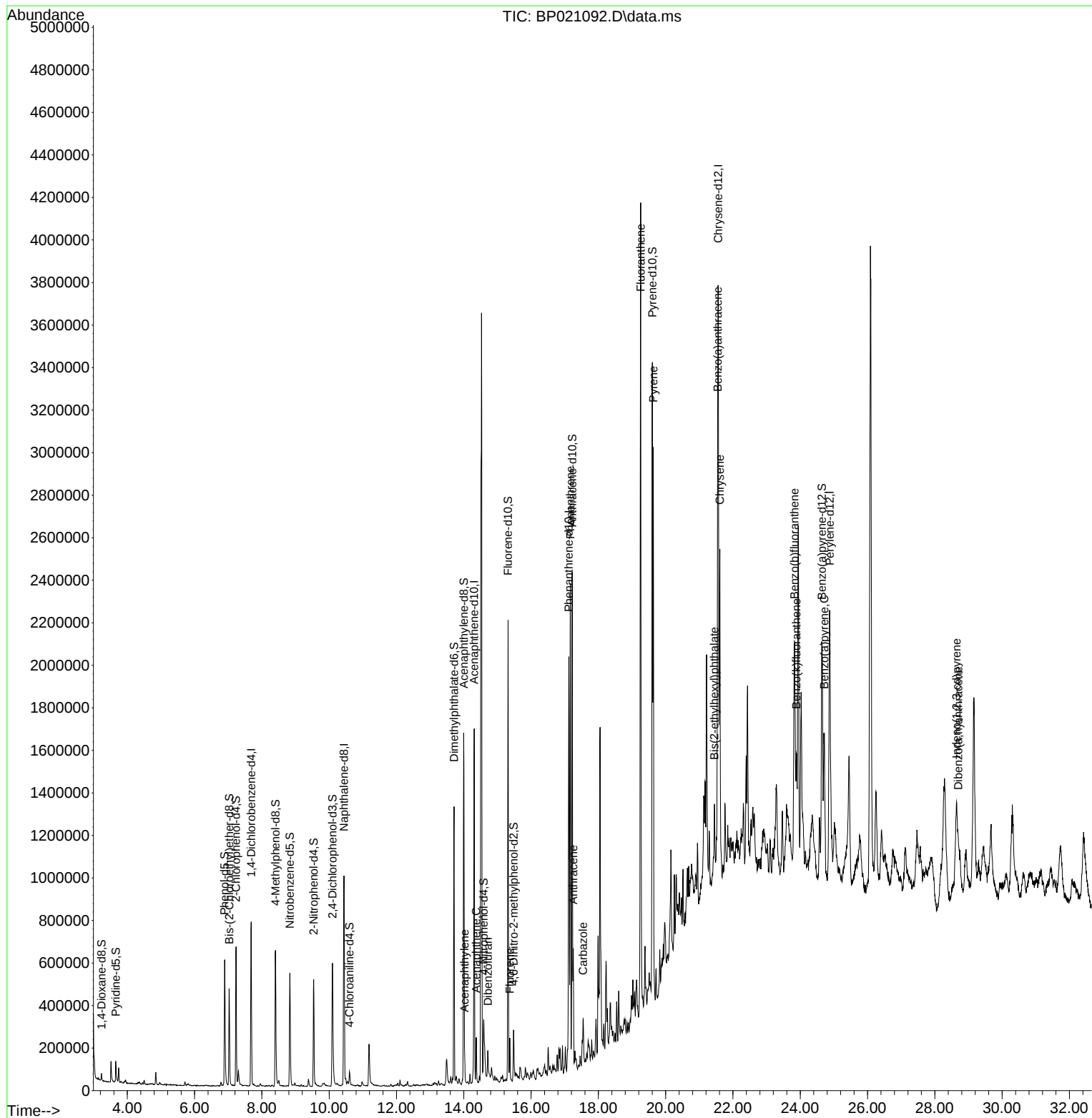
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

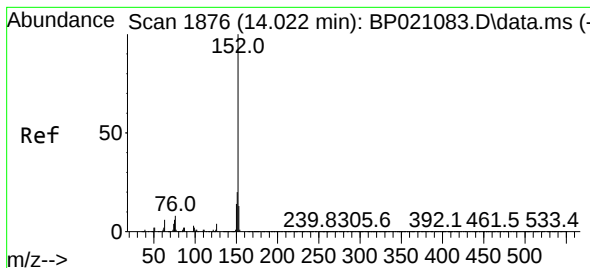
Instrument :
BNA_P
ClientSampleId :
A4BF7

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Quant Time: Jul 23 04:44:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.209 ng/ul

RT: 14.028 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

Instrument :

BNA_P

ClientSampleId :

A4BF7

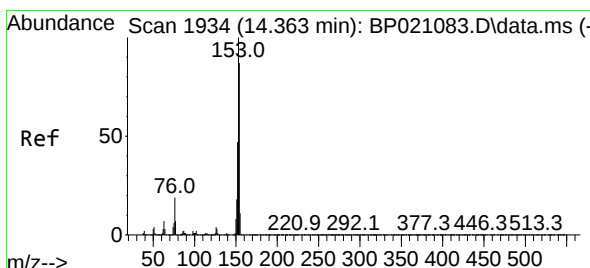
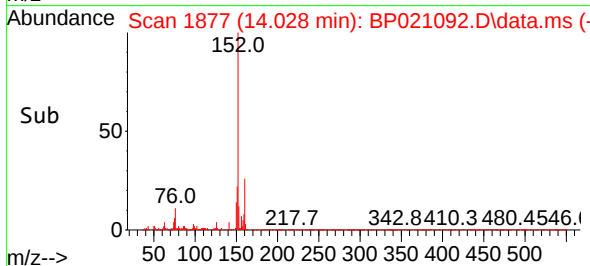
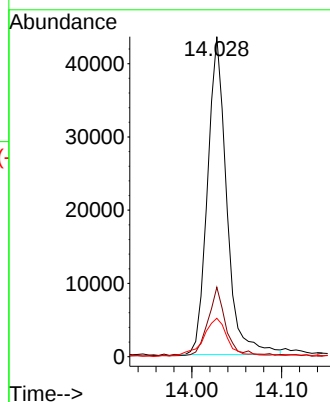
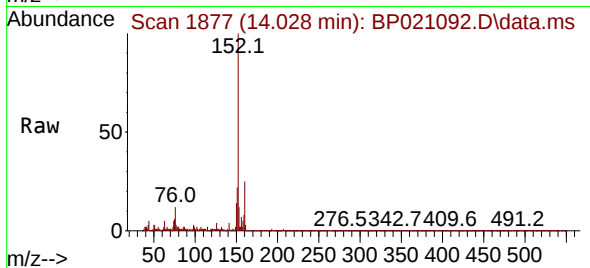
Tgt Ion:	152	Resp:	6458
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.2
153	12.0	10.3	15.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#52

Acenaphthene

Concen: 2.351 ng/ul

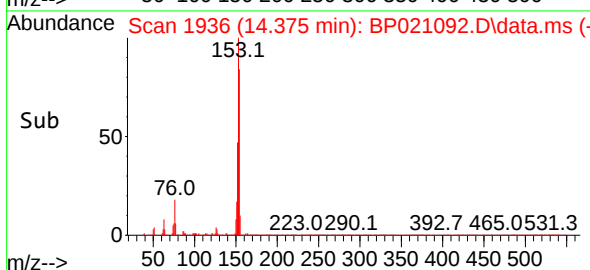
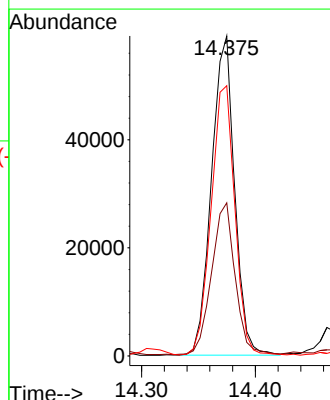
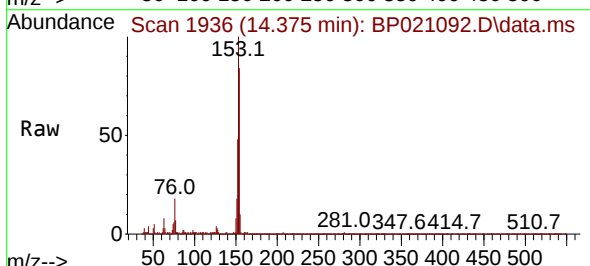
RT: 14.375 min Scan# 1936

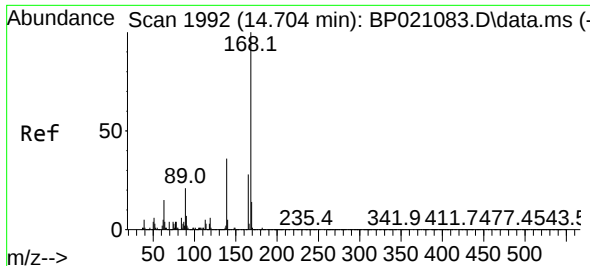
Delta R.T. 0.000 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

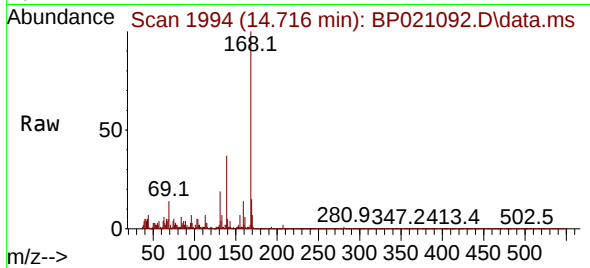
Tgt Ion:	153	Resp:	83327
Ion Ratio	Lower	Upper	
153	100		
152	47.9	37.8	56.6
154	84.5	71.8	107.6





#56
Dibenzenofuran
Concen: 1.253 ng/ul
RT: 14.716 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

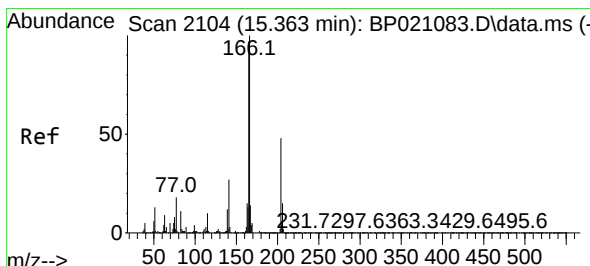
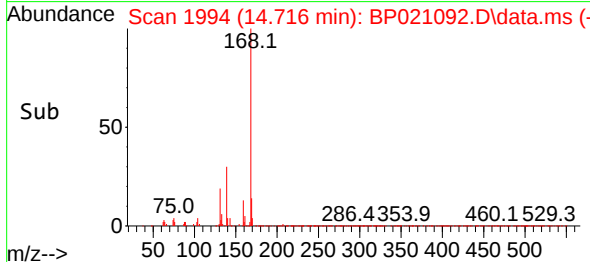
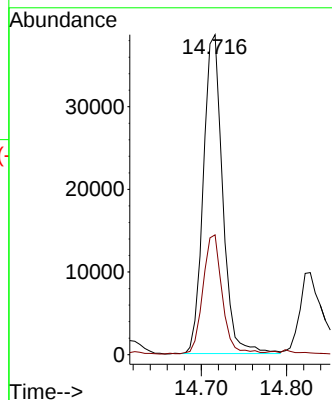
Instrument :
BNA_P
ClientSampleId :
A4BF7



Tgt Ion:168 Resp: 6082
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7

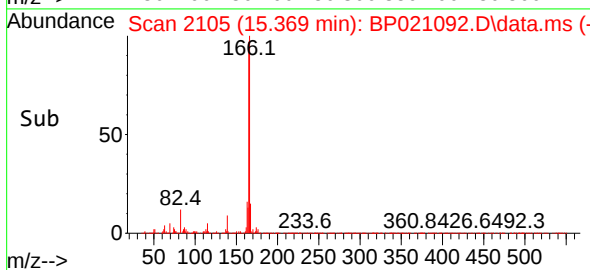
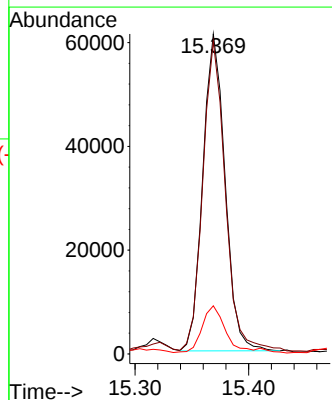
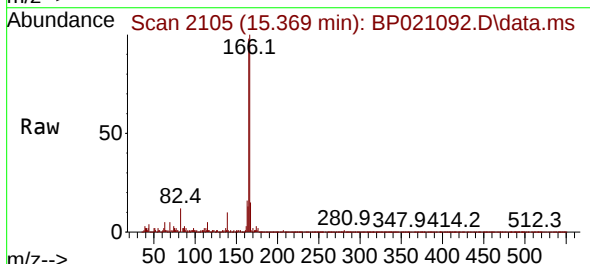
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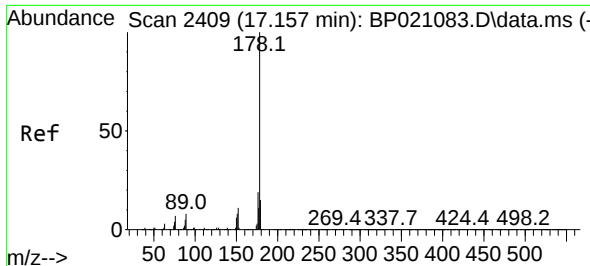
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#61
Fluorene
Concen: 2.103 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

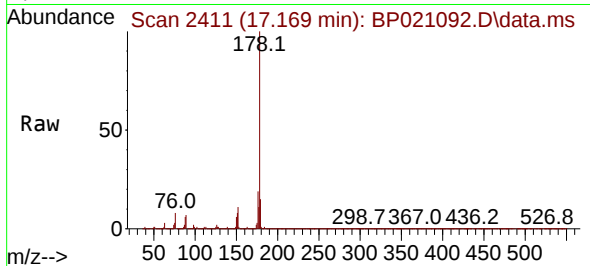
Tgt Ion:166 Resp: 83289
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 15.0 10.9 16.3





#72
Phenanthrene
Concen: 20.993 ng/u1
RT: 17.169 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

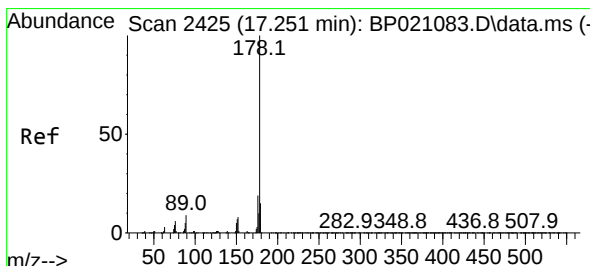
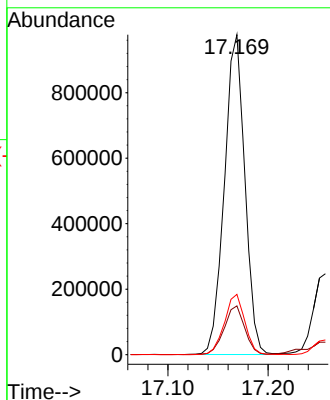
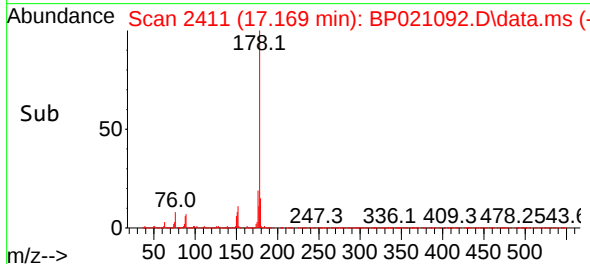
Instrument :
BNA_P
ClientSampleId :
A4BF7



Tgt Ion:178 Resp: 138152
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.9 15.0 22.4

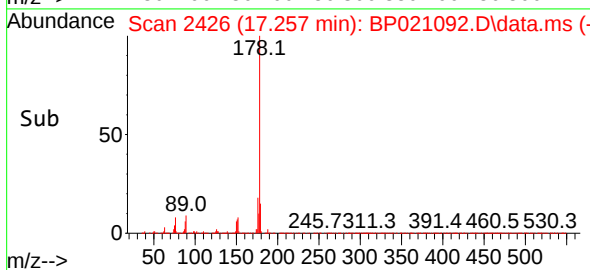
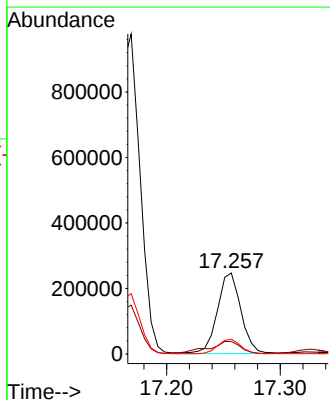
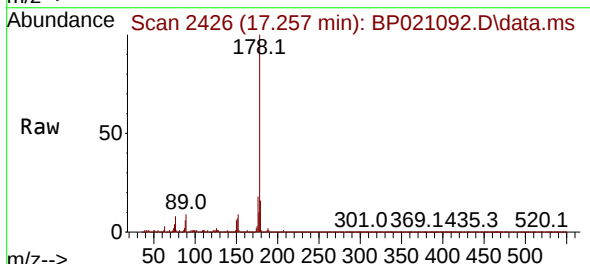
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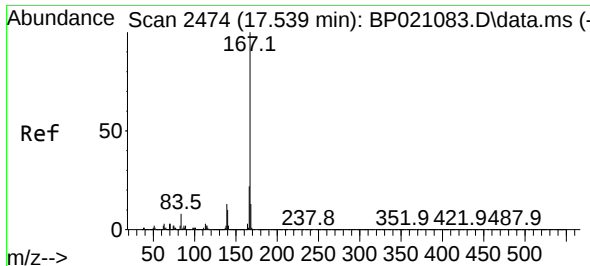
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#74
Anthracene
Concen: 5.290 ng/u1
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

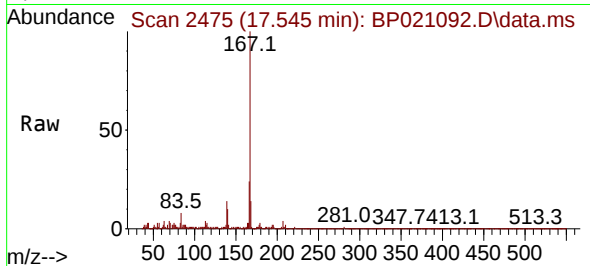
Tgt Ion:178 Resp: 354883
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.2 14.8 22.2





#77
 Carbazole
 Concen: 2.803 ng/ul
 RT: 17.545 min Scan# 2474
 Delta R.T. -0.018 min
 Lab File: BP021092.D
 Acq: 22 Jul 2024 18:22

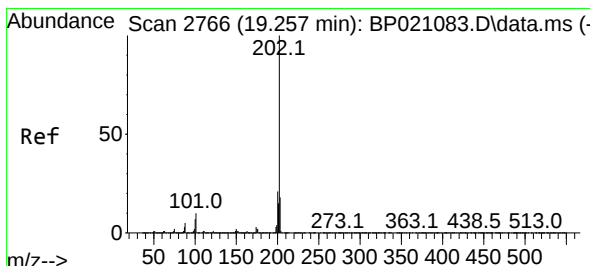
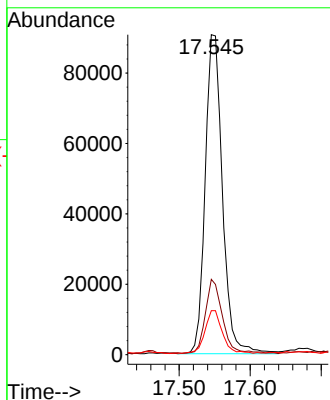
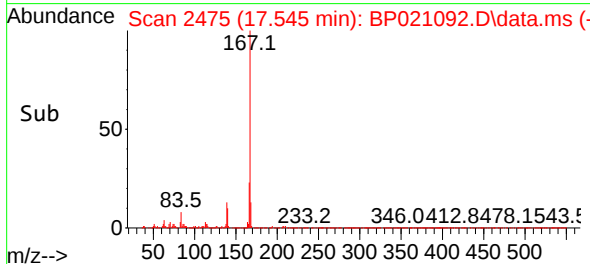
Instrument :
 BNA_P
 ClientSampleId :
 A4BF7



Tgt Ion:167 Resp: 153735
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.3 25.9
 139 13.7 10.2 15.2

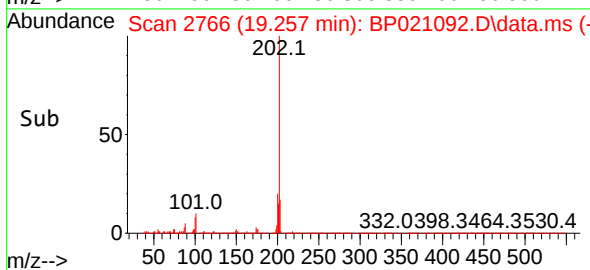
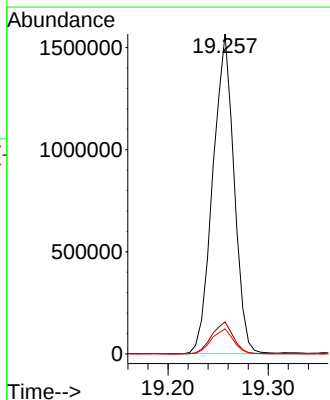
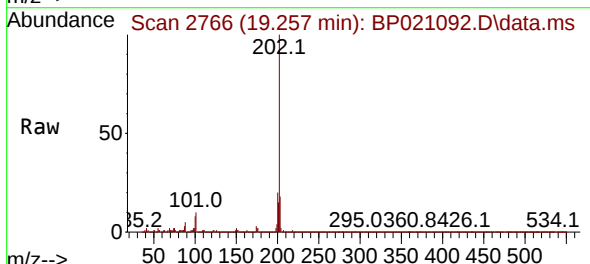
Manual Integrations
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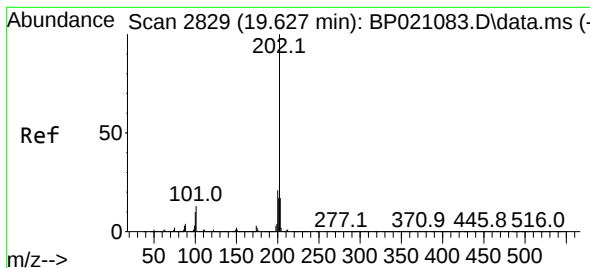
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 26.182 ng/ul
 RT: 19.257 min Scan# 2766
 Delta R.T. -0.006 min
 Lab File: BP021092.D
 Acq: 22 Jul 2024 18:22

Tgt Ion:202 Resp: 2297823
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.0 12.0
 100 7.8 6.1 9.1





#82

Pyrene

Concen: 18.494 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

Instrument :

BNA_P

ClientSampleId :

A4BF7

Tgt Ion:202 Resp: 1651619

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

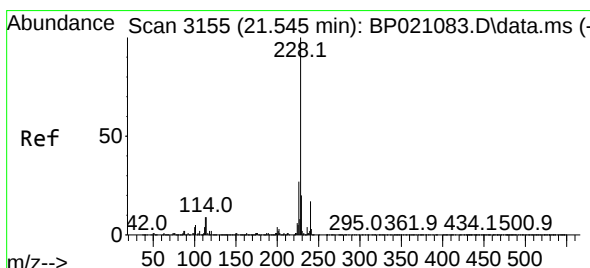
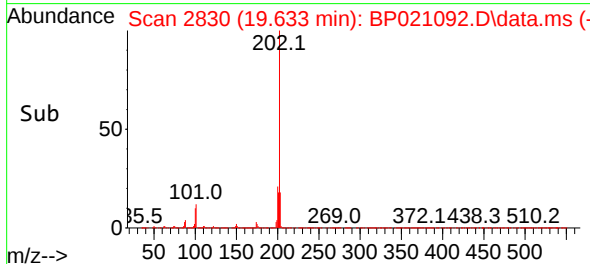
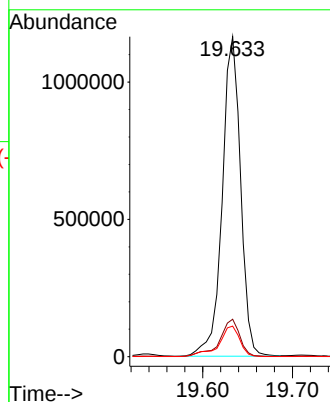
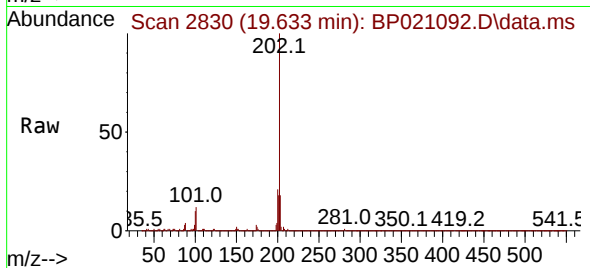
100 9.5 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 12.373 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. -0.018 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

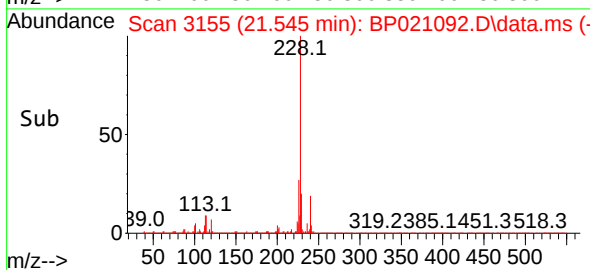
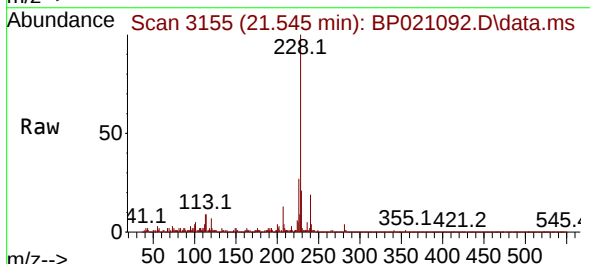
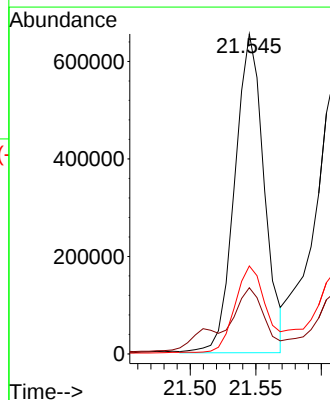
Tgt Ion:228 Resp: 1018784

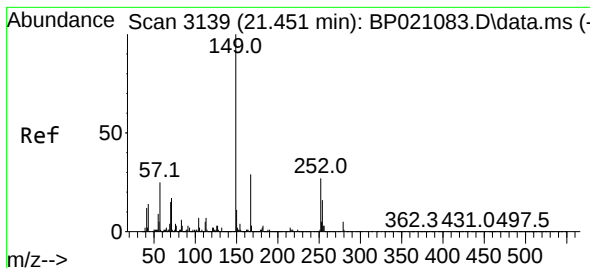
Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

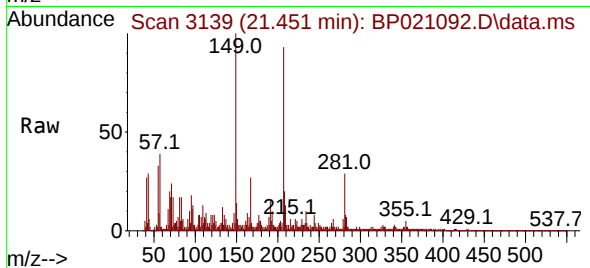
226 27.5 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.206 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

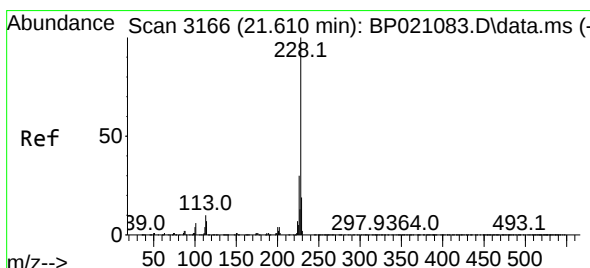
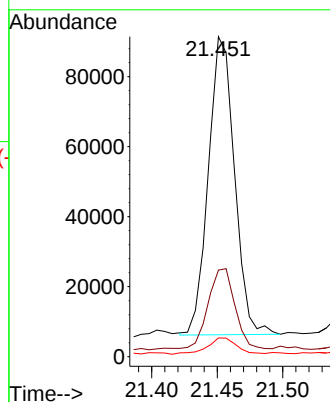
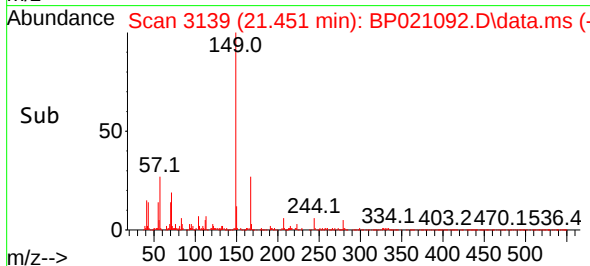
Instrument :
BNA_P
ClientSampleId :
A4BF7



Tgt Ion:149 Resp: 118109
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 5.8 3.7 5.5

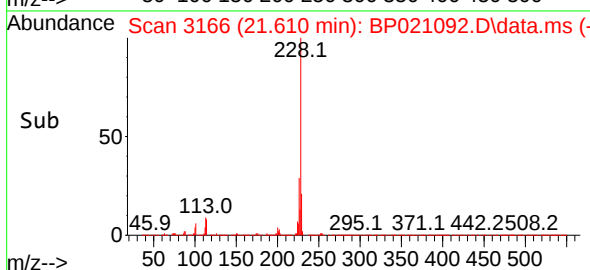
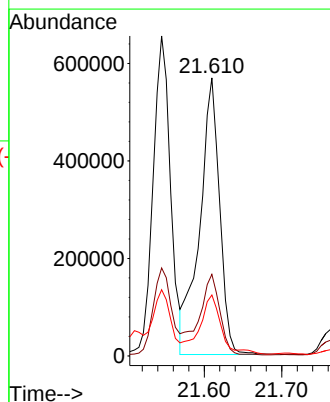
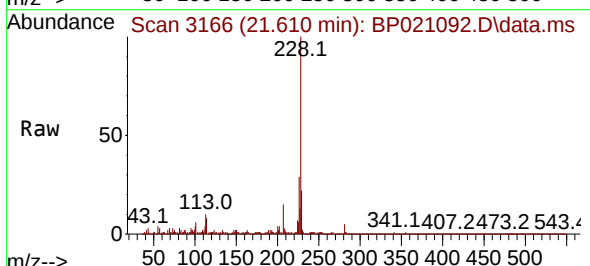
Manual Integrations
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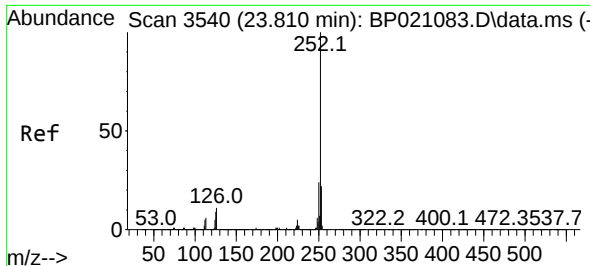
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 13.280 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. -0.018 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

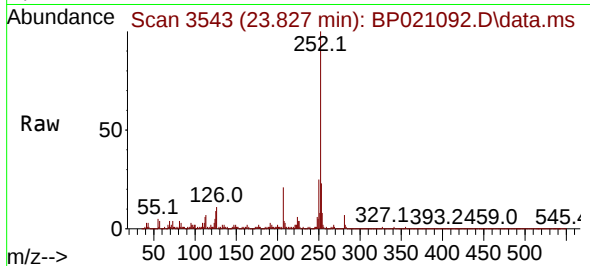
Tgt Ion:228 Resp: 1016061
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 22.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 16.523 ng/ul
RT: 23.827 min Scan# 3543
Delta R.T. -0.023 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

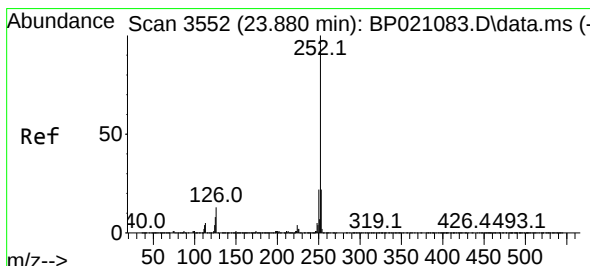
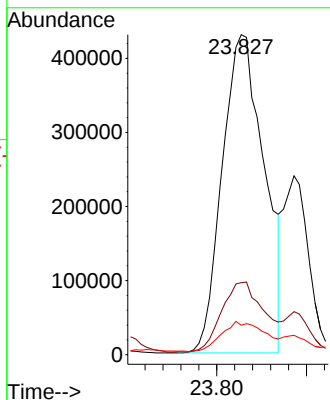
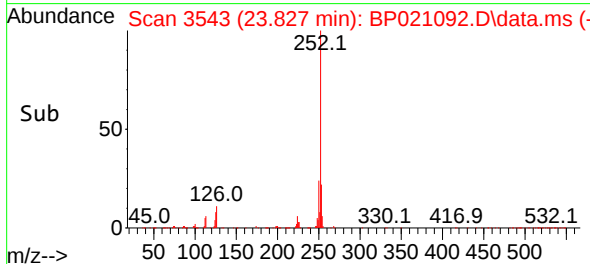
Instrument :
BNA_P
ClientSampleId :
A4BF7



Tgt Ion:252 Resp: 139508
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 9.2 7.0 10.4

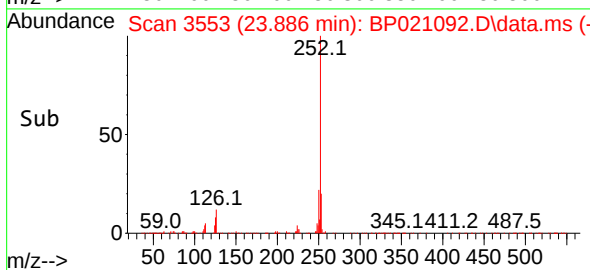
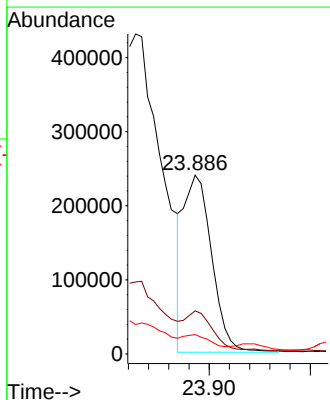
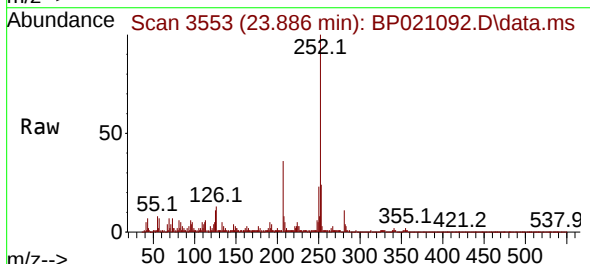
Manual Integrations
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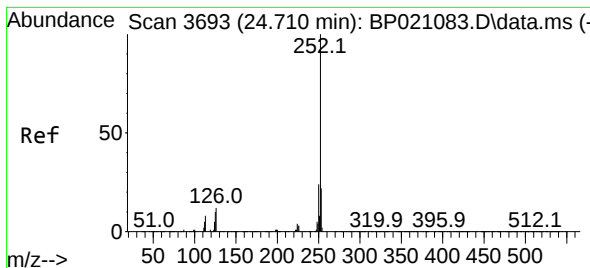
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#91
Benzo(k)fluoranthene
Concen: 5.503 ng/ul m
RT: 23.886 min Scan# 3553
Delta R.T. -0.035 min
Lab File: BP021092.D
Acq: 22 Jul 2024 18:22

Tgt Ion:252 Resp: 463677
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 10.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 7.074 ng/ul

RT: 24.715 min Scan# 3694

Delta R.T. -0.047 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

Instrument :

BNA_P

ClientSampleId :

A4BF7

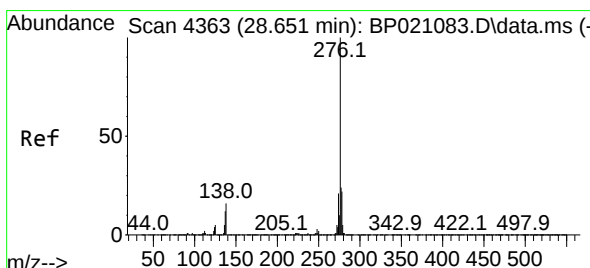
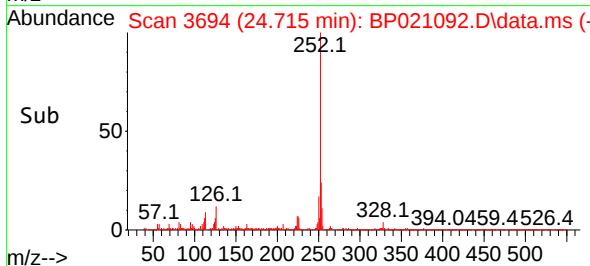
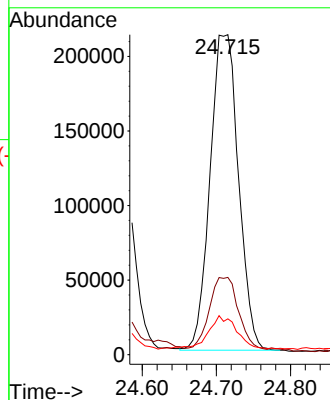
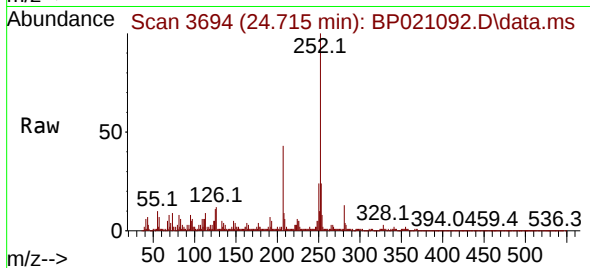
Tgt Ion:	252	Resp:	564428
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	11.2	7.7	11.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.292 ng/ul

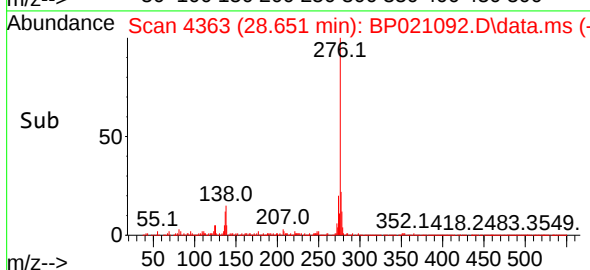
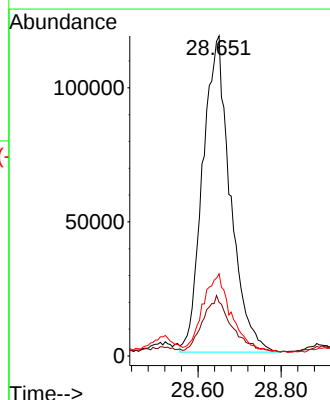
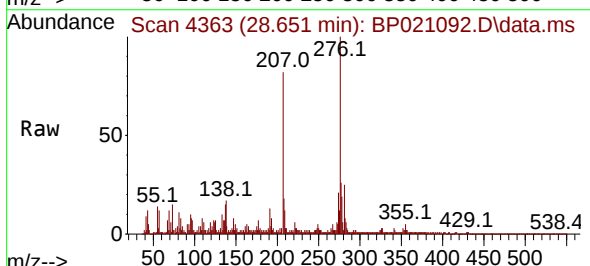
RT: 28.651 min Scan# 4363

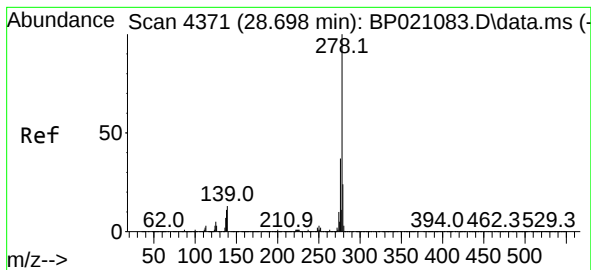
Delta R.T. -0.053 min

Lab File: BP021092.D

Acq: 22 Jul 2024 18:22

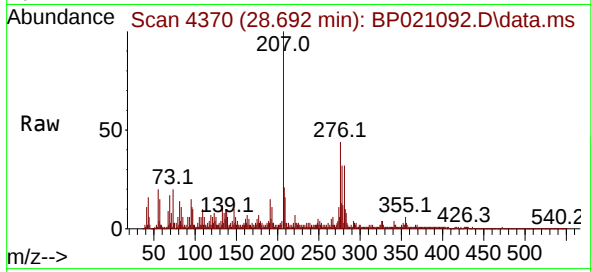
Tgt Ion:	276	Resp:	544065
Ion Ratio	Lower	Upper	
276	100		
138	16.8	14.3	21.5
277	25.7	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.137 ng/ul m
 RT: 28.692 min Scan# 4370
 Delta R.T. -0.047 min
 Lab File: BP021092.D
 Acq: 22 Jul 2024 18:22

Instrument :
 BNA_P
 ClientSampleId :
 A4BF7



Tgt Ion:278 Resp: 18195
 Ion Ratio Lower Upper
 278 100
 139 19.0 10.9 16.3
 279 36.5 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

