

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021449.D
 Acq On : 08 Aug 2024 14:28
 Operator : CG/JU
 Sample : P3437-15DL2 50X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05Y5DL2

Quant Time: Aug 09 00:47:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	140853	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	608975	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	415084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.074	188	933544	20.000	ng/u1	-0.02
79) Chrysene-d12	21.509	240	973308	20.000	ng/u1	-0.02
88) Perylene-d12	24.786	264	1104476	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.381	132	3867m	0.409	ng/u1	0.20
15) 4-Methylphenol-d8	8.622	113	3161m	0.331	ng/u1	0.26
21) Nitrobenzene-d5	8.975	128	2024m	0.428	ng/u1	0.18
24) 2-Nitrophenol-d4	9.669	143	2012m	0.372	ng/u1	0.16
28) 2,4-Dichlorophenol-d3	10.292	165	4086m	0.417	ng/u1	0.24
31) 4-Chloroaniline-d4	10.751	131	4856m	0.374	ng/u1	0.19
46) Dimethylphthalate-d6	13.704	166	13363	0.443	ng/u1	0.02
49) Acenaphthylene-d8	13.963	160	13357	0.394	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.280	176	13517	0.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.186	188	26626m	0.642	ng/u1	0.00
81) Pyrene-d10	19.562	212	26649	0.443	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.568	264	29705	0.545	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.439	128	222925	6.959	ng/u1	99
36) 2-Methylnaphthalene	12.080	142	96828	4.404	ng/u1	99
37) 1-Methylnaphthalene	12.292	142	53011m	2.344	ng/u1	
52) Acenaphthene	14.333	153	185603	7.290	ng/u1	99
56) Dibenzofuran	14.686	168	192531	5.522	ng/u1	94
61) Fluorene	15.345	166	215590	7.577	ng/u1	99
72) Phenanthrene	17.121	178	1433226	29.595	ng/u1	99
74) Anthracene	17.233	178	232576m	4.711	ng/u1	
77) Carbazole	17.545	167	53653	1.329	ng/u1	98
80) Fluoranthene	19.215	202	1307056	17.986	ng/u1	100
82) Pyrene	19.592	202	944493	12.773	ng/u1	99
85) Benzo(a)anthracene	21.486	228	445338	6.532	ng/u1	96
87) Chrysene	21.556	228	296503m	4.680	ng/u1	
90) Benzo(b)fluoranthene	23.768	252	410728m	6.128	ng/u1	
91) Benzo(k)fluoranthene	23.821	252	177267m	2.650	ng/u1	
93) Benzo(a)pyrene	24.633	252	332136	5.244	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.544	276	194055	2.378	ng/u1#	92
96) Benzo(g,h,i)perylene	29.738	276	184854m	2.781	ng/u1	

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

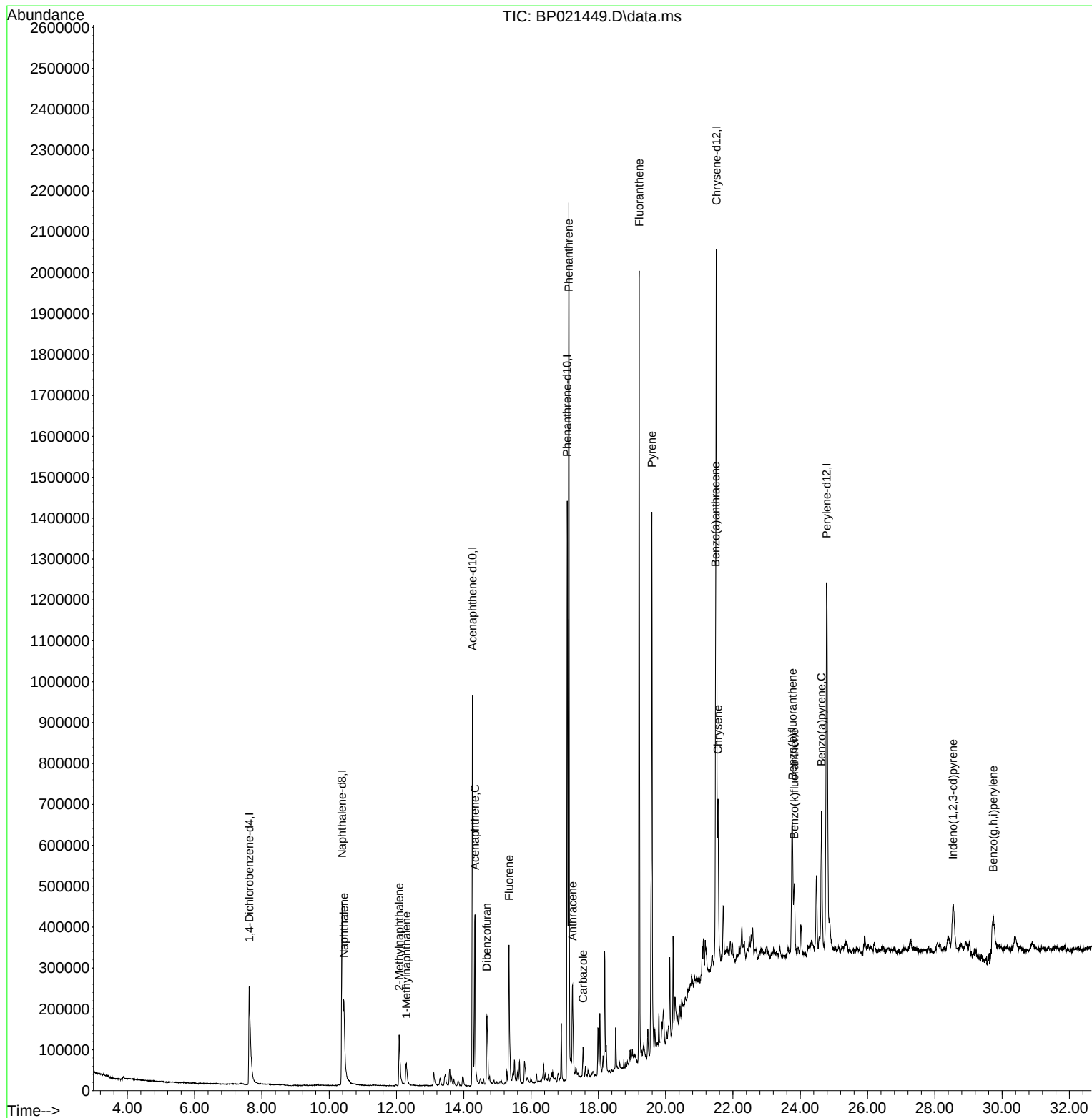
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021449.D
Acq On : 08 Aug 2024 14:28
Operator : CG/JU
Sample : P3437-15DL2 50X
Misc :
ALS Vial : 41 Sample Multiplier: 1

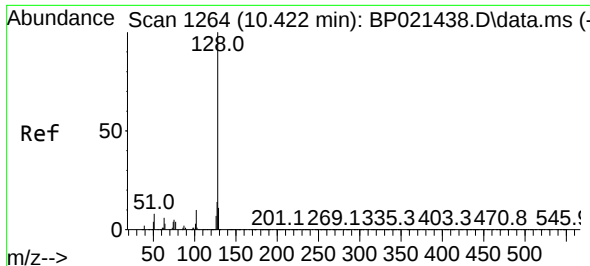
Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Quant Time: Aug 09 00:47:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

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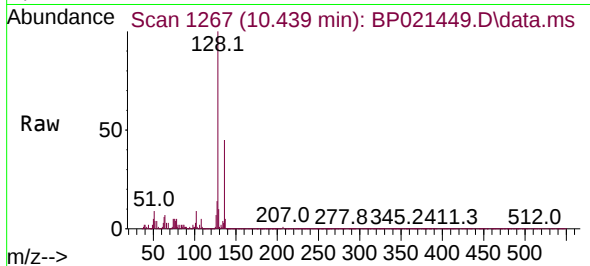
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024





#30
Naphthalene
Concen: 6.959 ng/ul
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

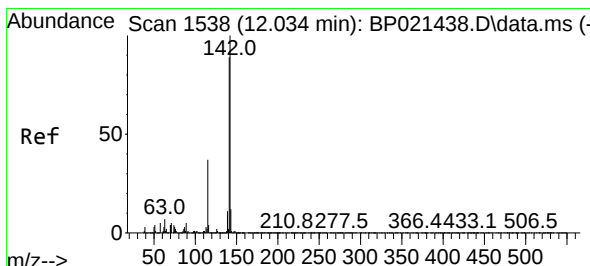
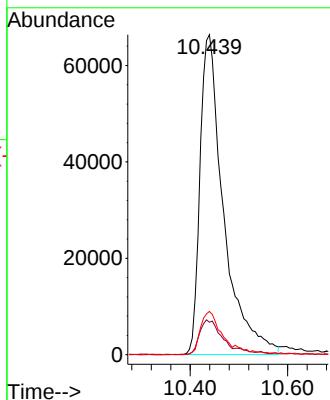
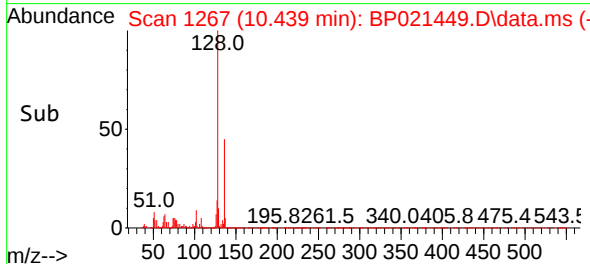
Instrument :
BNA_P
ClientSampleId :
E05Y5DL2



Tgt Ion:128 Resp: 222925
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 13.5 10.8 16.2

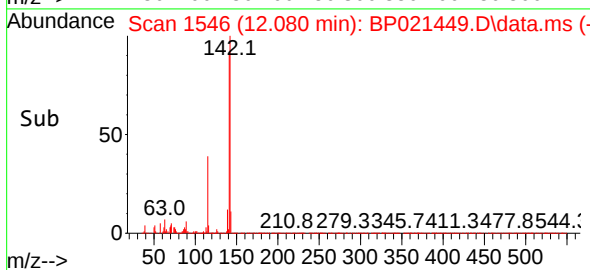
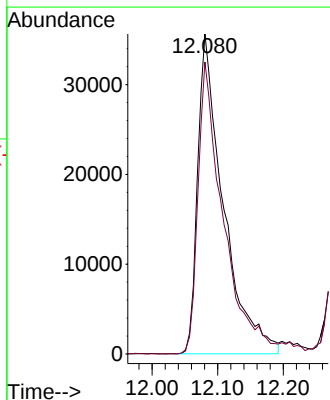
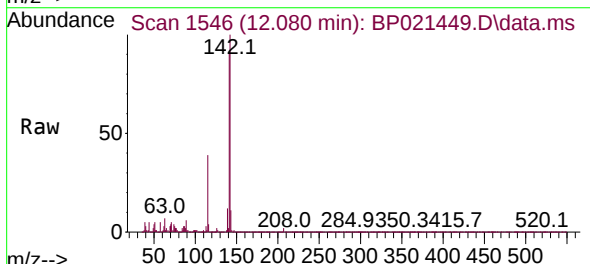
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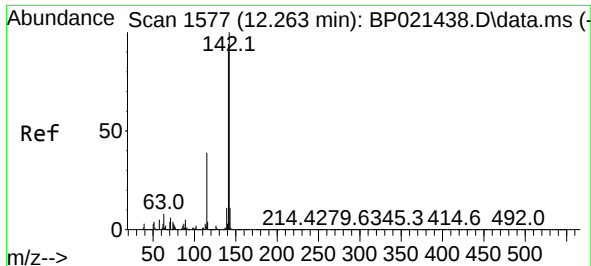
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#36
2-Methylnaphthalene
Concen: 4.404 ng/ul
RT: 12.080 min Scan# 1546
Delta R.T. 0.012 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Tgt Ion:142 Resp: 96828
Ion Ratio Lower Upper
142 100
141 91.2 72.6 108.8





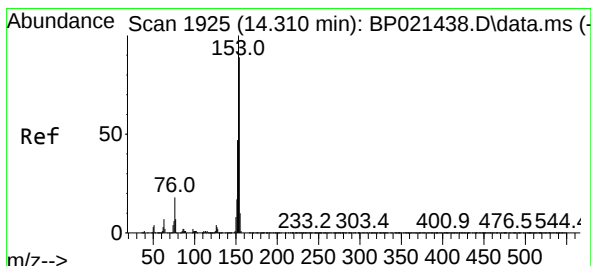
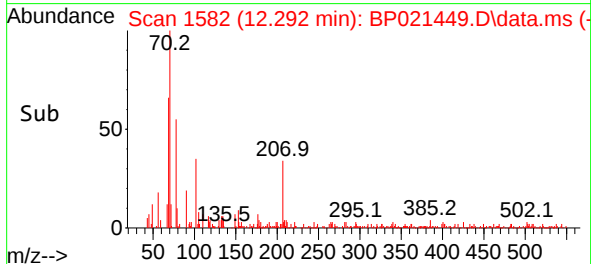
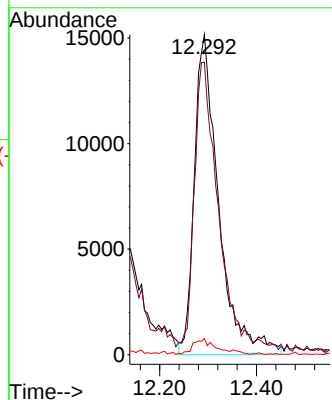
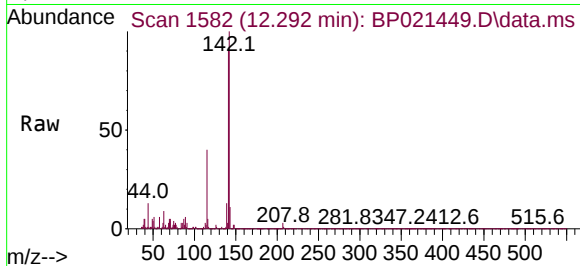
#37
1-Methylnaphthalene
Concen: 2.344 ng/ul m
RT: 12.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Tgt Ion:142 Resp: 5301
Ion Ratio Lower Upper
142 100
141 91.4 75.0 112.6
116 5.1 3.2 4.8

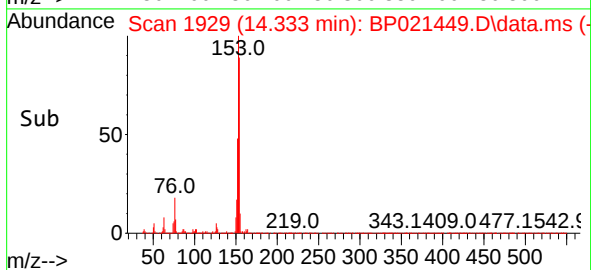
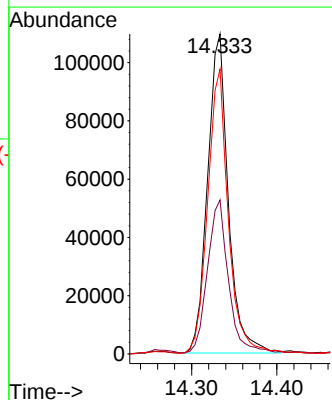
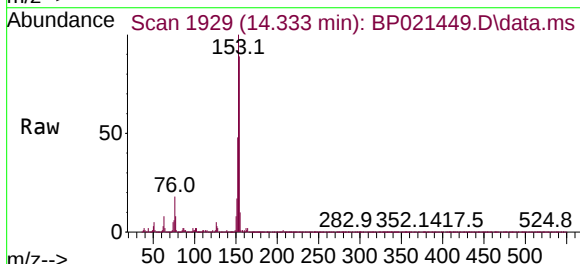
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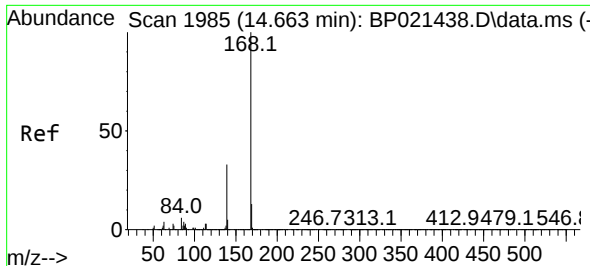
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#52
Acenaphthene
Concen: 7.290 ng/ul
RT: 14.333 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Tgt Ion:153 Resp: 185603
Ion Ratio Lower Upper
153 100
152 48.2 37.8 56.6
154 89.0 71.8 107.6





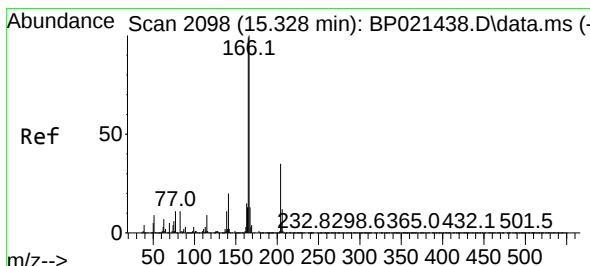
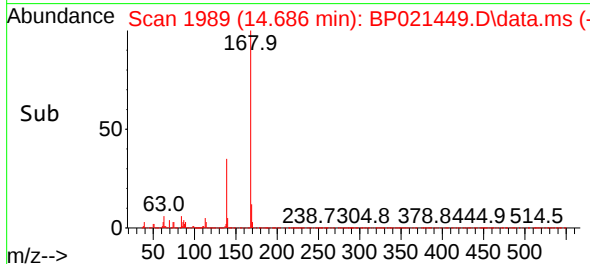
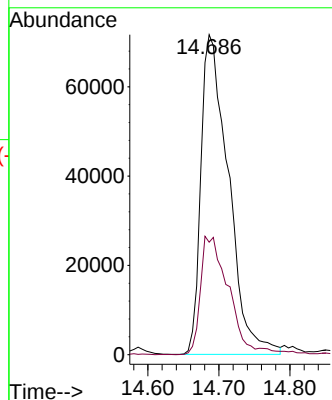
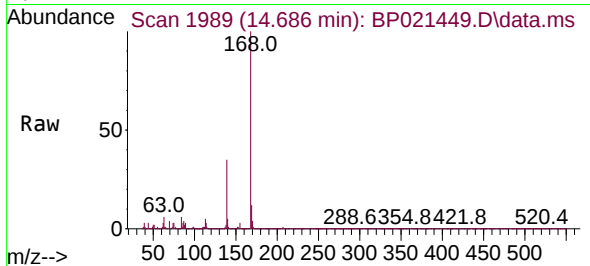
#56
Dibenzenofuran
Concen: 5.522 ng/ul
RT: 14.686 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Tgt Ion:168 Resp: 19253
Ion Ratio Lower Upper
168 100
139 35.2 31.1 46.7

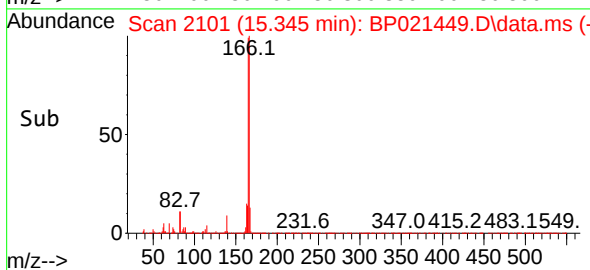
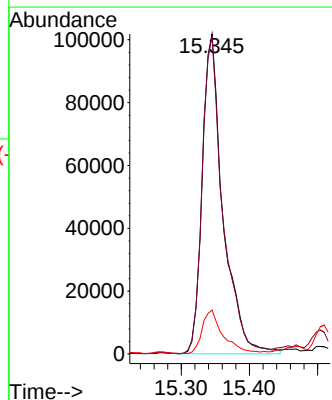
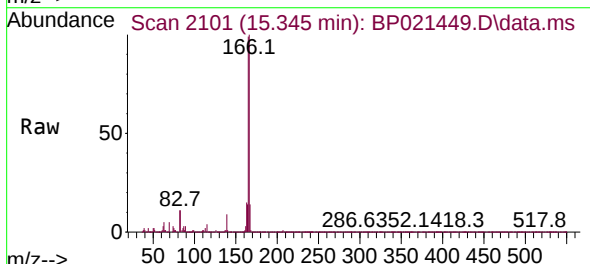
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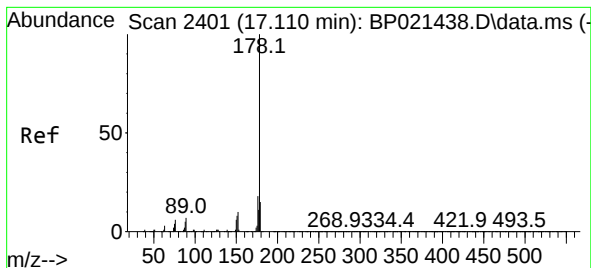
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#61
Fluorene
Concen: 7.577 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Tgt Ion:166 Resp: 215590
Ion Ratio Lower Upper
166 100
165 99.2 78.1 117.1
167 13.7 10.9 16.3





#72

Phenanthrene

Concen: 29.595 ng/ul

RT: 17.121 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Instrument :

BNA_P

ClientSampleId :

E05Y5DL2

Tgt Ion:178 Resp: 1433220

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

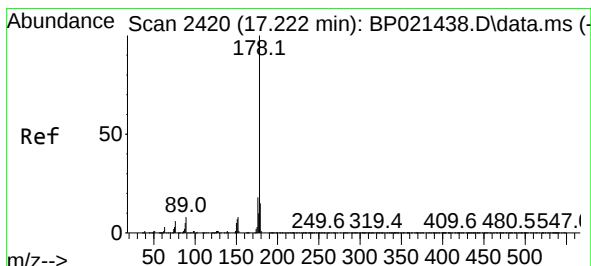
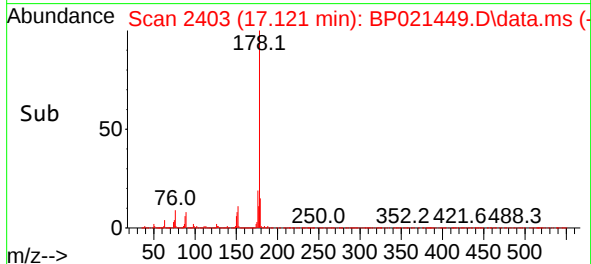
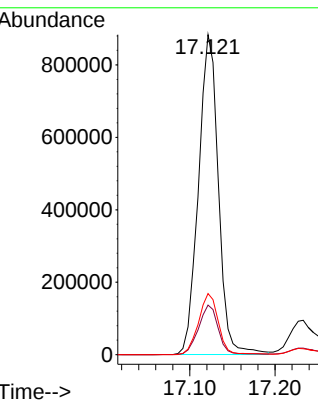
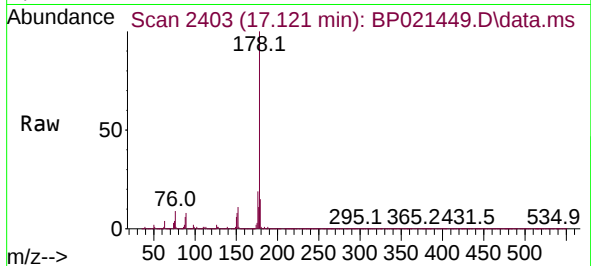
176 19.1 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#74

Anthracene

Concen: 4.711 ng/ul m

RT: 17.233 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

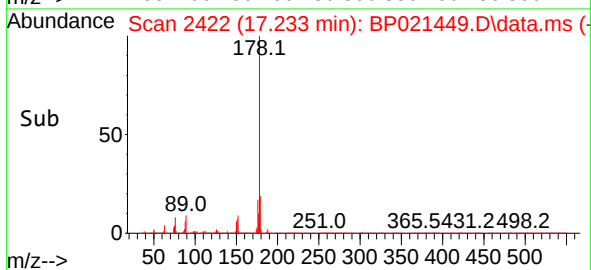
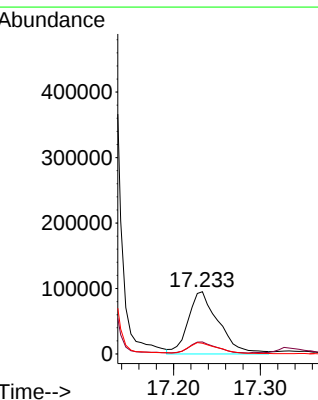
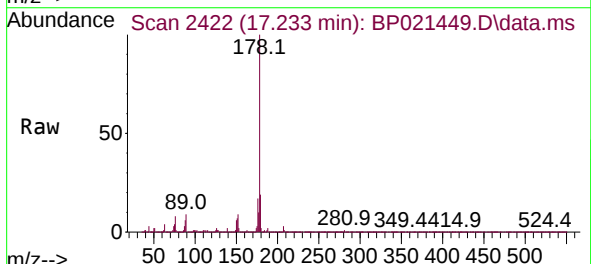
Tgt Ion:178 Resp: 232576

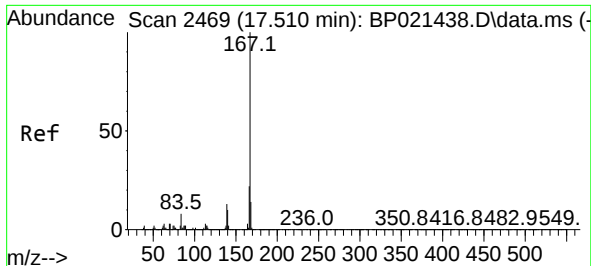
Ion Ratio Lower Upper

178 100

179 19.3 12.5 18.7#

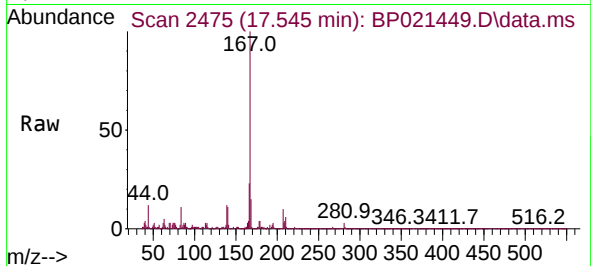
176 17.3 14.8 22.2





#77
Carbazole
Concen: 1.329 ng/ul
RT: 17.545 min Scan# 2469
Delta R.T. 0.024 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

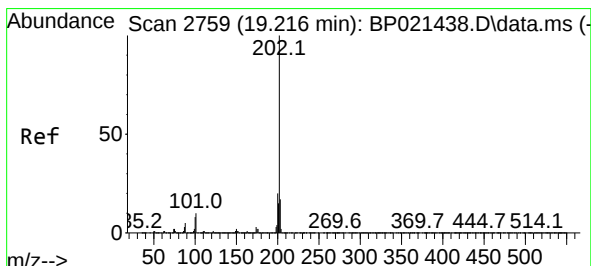
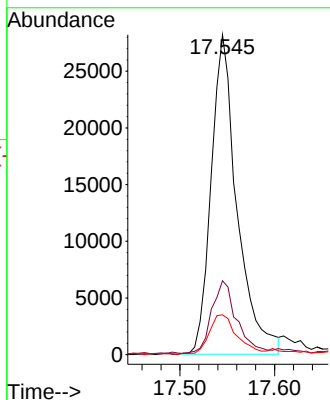
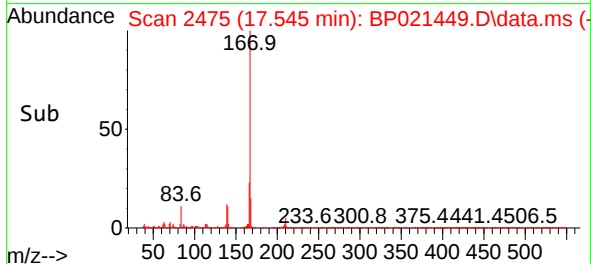
Instrument :
BNA_P
ClientSampleId :
E05Y5DL2



Tgt Ion:167 Resp: 5365
Ion Ratio Lower Upper
167 100
166 23.1 17.3 25.9
139 12.4 10.2 15.2

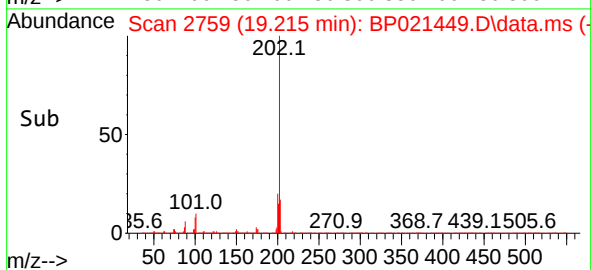
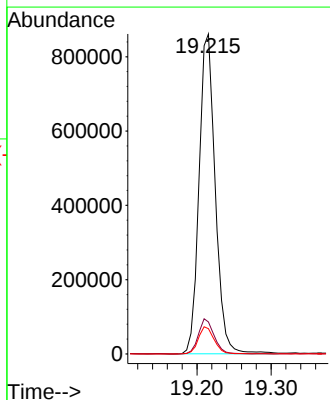
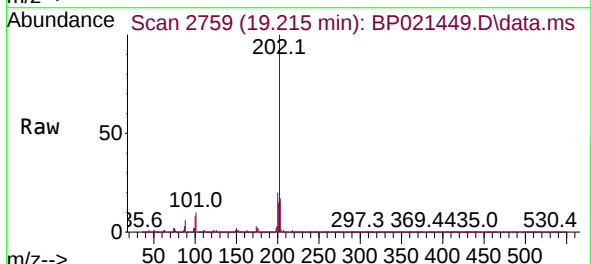
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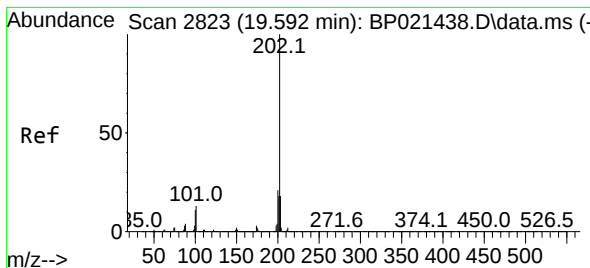
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#80
Fluoranthene
Concen: 17.986 ng/ul
RT: 19.215 min Scan# 2759
Delta R.T. -0.018 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Tgt Ion:202 Resp: 1307056
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.9 6.1 9.1





#82

Pyrene

Concen: 12.773 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Instrument :

BNA_P

ClientSampleId :

E05Y5DL2

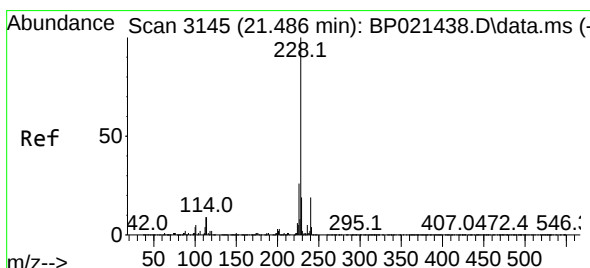
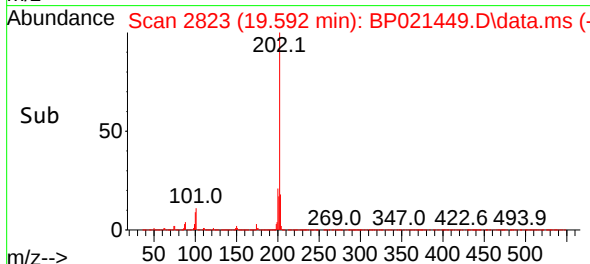
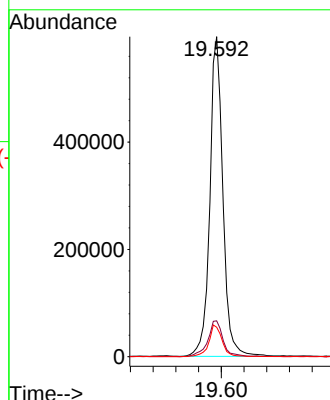
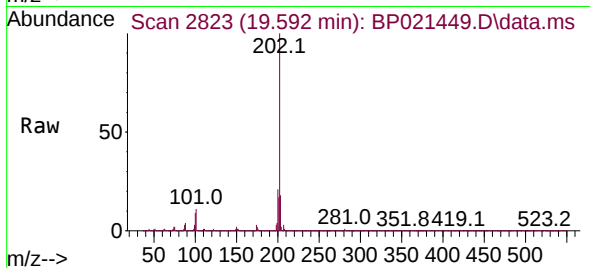
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Ion Ratio	Lower Upper
202 100	
101 11.2	9.4 14.2
100 9.2	7.8 11.6

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#85

Benzo(a)anthracene

Concen: 6.532 ng/ul

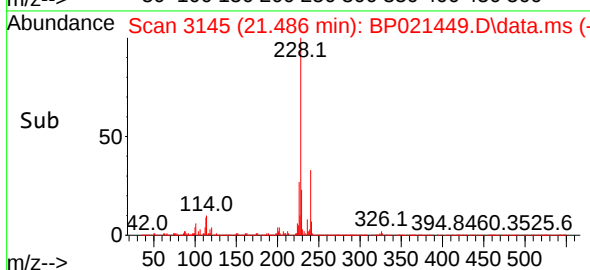
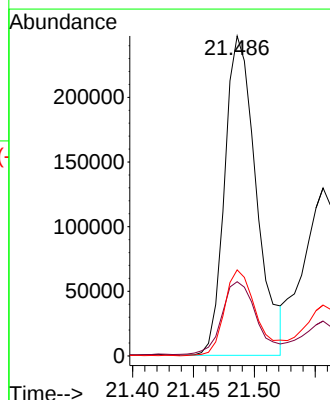
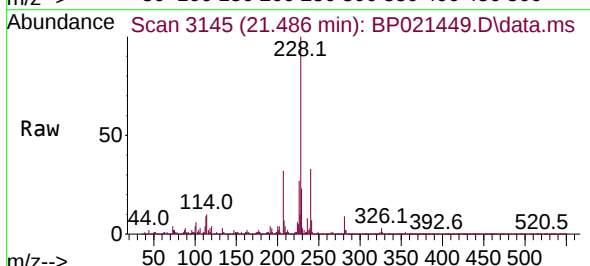
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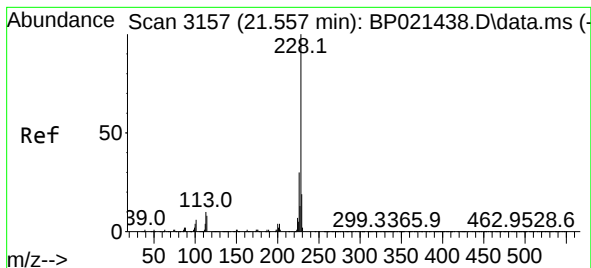
Delta R.T. -0.024 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Tgt Ion:228	Resp: 445338
Ion Ratio	Lower Upper
228 100	
229 23.2	15.5 23.3
226 26.9	21.4 32.2





#87

Chrysene

Concen: 4.680 ng/ul m

RT: 21.556 min Scan# 3157

Delta R.T. -0.029 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Instrument :

BNA_P

ClientSampleId :

E05Y5DL2

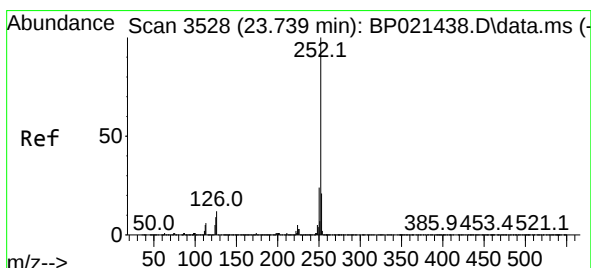
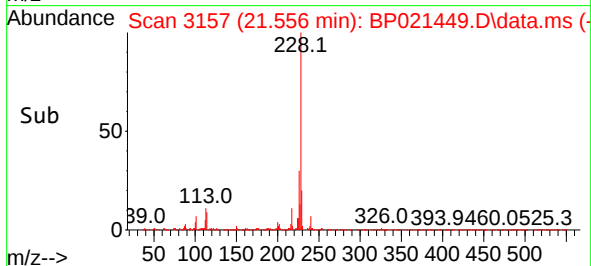
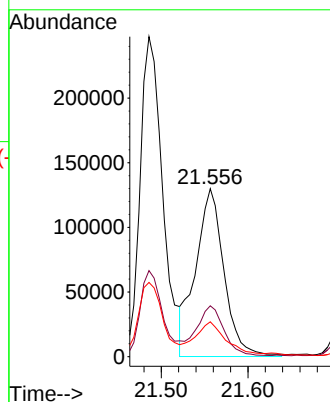
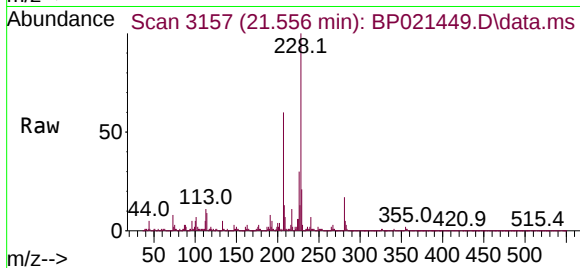
Tgt Ion:	228	Resp:	296500
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.6	35.4
229	20.8	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#90

Benzo(b)fluoranthene

Concen: 6.128 ng/ul m

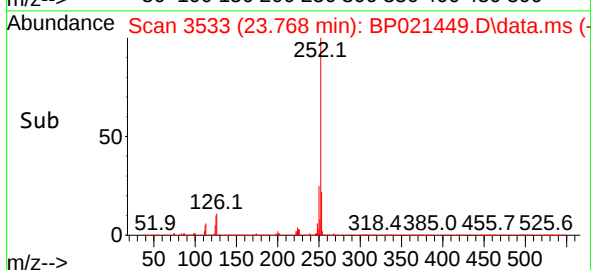
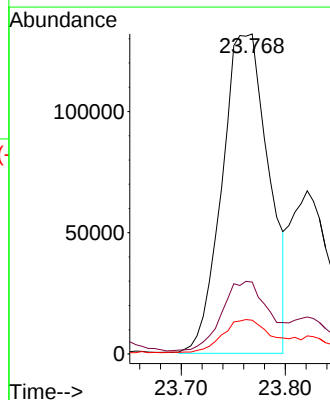
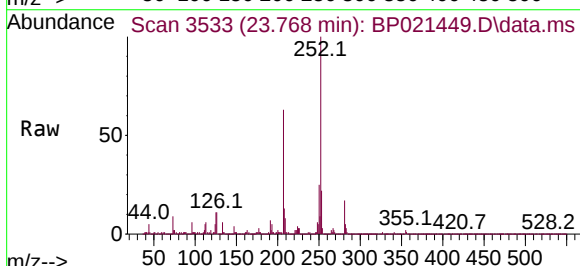
RT: 23.768 min Scan# 3533

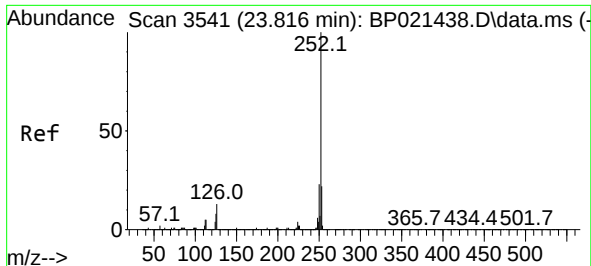
Delta R.T. -0.018 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Tgt Ion:	252	Resp:	410728
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	10.6	7.0	10.4





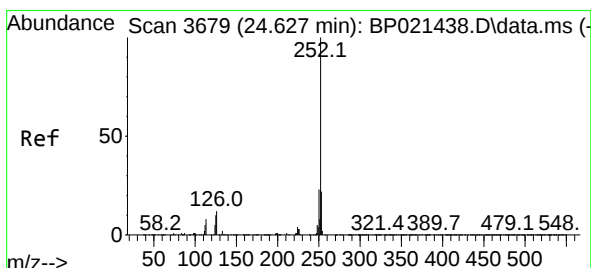
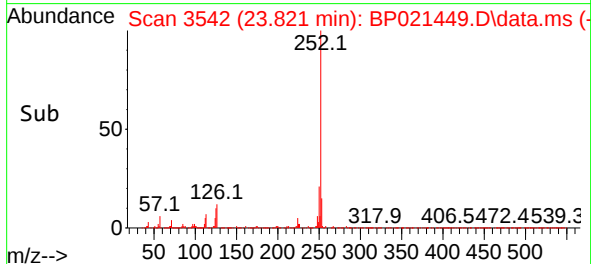
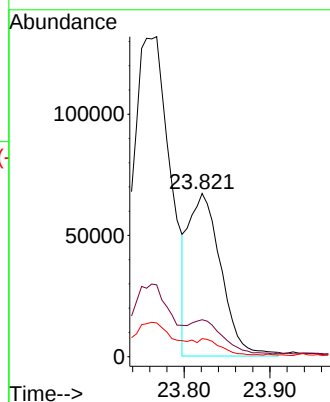
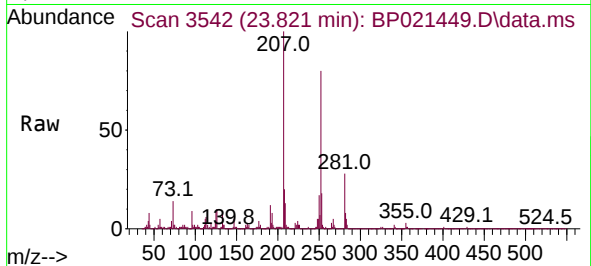
#91
Benzo(k)fluoranthene
Concen: 2.650 ng/ul m
RT: 23.821 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Tgt Ion:252 Resp: 17726
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.1 7.4 11.0

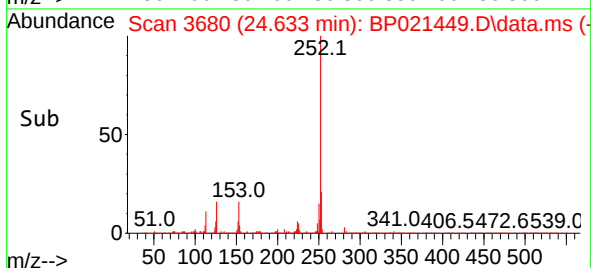
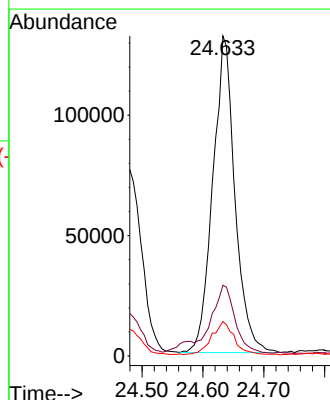
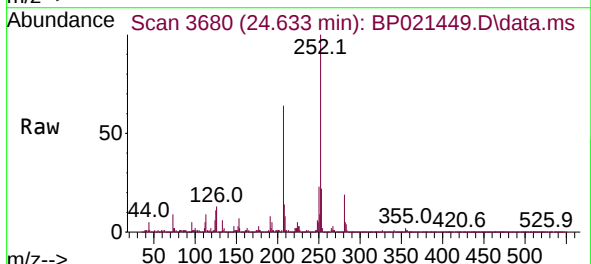
Manual Integrations
APPROVED

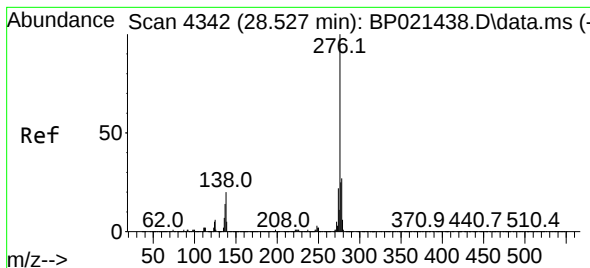
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#93
Benzo(a)pyrene
Concen: 5.244 ng/ul
RT: 24.633 min Scan# 3680
Delta R.T. -0.047 min
Lab File: BP021449.D
Acq: 08 Aug 2024 14:28

Tgt Ion:252 Resp: 332136
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.7 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.378 ng/ul

RT: 28.544 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Instrument :

BNA_P

ClientSampleId :

E05Y5DL2

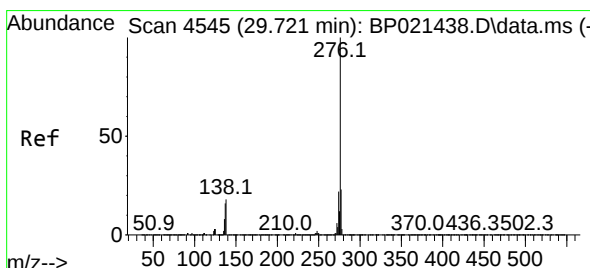
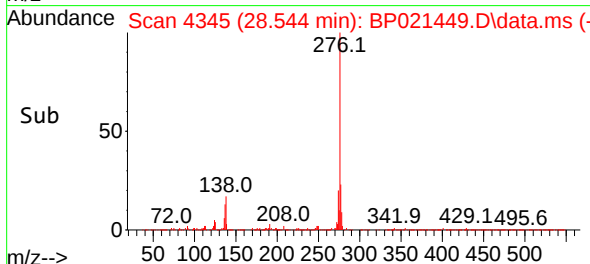
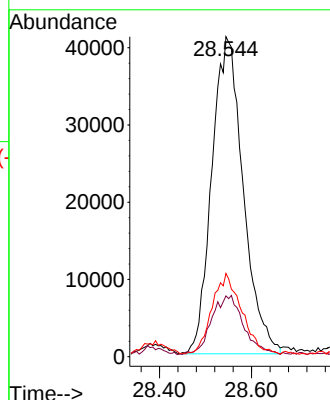
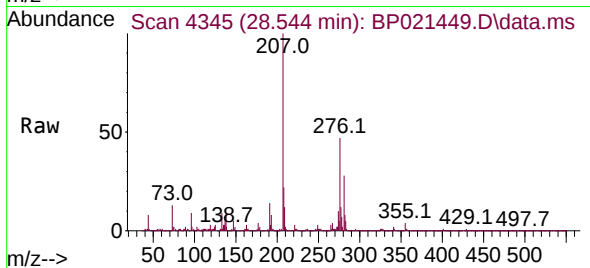
Tgt Ion:	276	Resp:	19405
Ion Ratio	Lower	Upper	
276	100		
138	23.2	14.3	21.5
277	26.0	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#96

Benzo(g,h,i)perylene

Concen: 2.781 ng/ul m

RT: 29.738 min Scan# 4548

Delta R.T. -0.024 min

Lab File: BP021449.D

Acq: 08 Aug 2024 14:28

Tgt Ion:	276	Resp:	184854
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.3	22.9
277	23.7	18.2	27.2

