

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021440.D
 Acq On : 08 Aug 2024 07:12
 Operator : CG/JU
 Sample : P3378-02DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AX7DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 07:48:23 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	128749	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.369	136	530739	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.245	164	323120	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.069	188	854625	20.000	ng/u1	-0.02
79) Chrysene-d12	21.516	240	875685	20.000	ng/u1	-0.02
88) Perylene-d12	24.798	264	973782	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	1052	0.372	ng/uL	-0.02
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...	6.993	67	19488m	3.064	ng/u1	0.01
11) 2-Chlorophenol-d4	7.222	132	22572m	2.610	ng/u1	0.04
15) 4-Methylphenol-d8	8.416	113	17619m	2.021	ng/u1	0.05
21) Nitrobenzene-d5	8.822	128	9619m	2.333	ng/u1	0.03
24) 2-Nitrophenol-d4	9.516	143	11668m	2.473	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	24695m	2.895	ng/u1	0.04
31) 4-Chloroaniline-d4	10.599	131	31613	2.797	ng/u1	0.04
46) Dimethylphthalate-d6	13.675	166	84442	3.595	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	77507	2.939	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.263	176	72004	3.737	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.498	200	7511m	1.453	ng/u1	0.04
73) Anthracene-d10	17.175	188	126069	3.321	ng/u1	-0.02
81) Pyrene-d10	19.557	212	161389	2.981	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.574	264	163521	3.405	ng/u1	-0.02
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.622	107	33519	3.454	ng/u1	97
30) Naphthalene	10.422	128	10147910	363.499	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	663844	34.641	ng/u1	99
37) 1-Methylnaphthalene	12.251	142	946069	48.001	ng/u1	97
43) 1,1'-Biphenyl	13.063	154	245444	10.394	ng/u1	97
52) Acenaphthene	14.310	153	1271313	64.142	ng/u1	99
56) Dibenzofuran	14.657	168	961830	35.437	ng/u1	100
61) Fluorene	15.322	166	756998	34.178	ng/u1	100
71) Pentachlorophenol	16.739	266	22489	3.605	ng/u1	98
72) Phenanthrene	17.110	178	1879008	42.382	ng/u1	100
74) Anthracene	17.210	178	179137	3.963	ng/u1	97
77) Carbazole	17.504	167	1253835	33.936	ng/u1	99
80) Fluoranthene	19.210	202	759683	11.619	ng/u1	100
82) Pyrene	19.592	202	499606	7.509	ng/u1	99
85) Benzo(a)anthracene	21.492	228	114375	1.865	ng/u1	98
87) Chrysene	21.557	228	90012	1.579	ng/u1	98
90) Benzo(b)fluoranthene	23.774	252	74900	1.267	ng/u1#	95

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

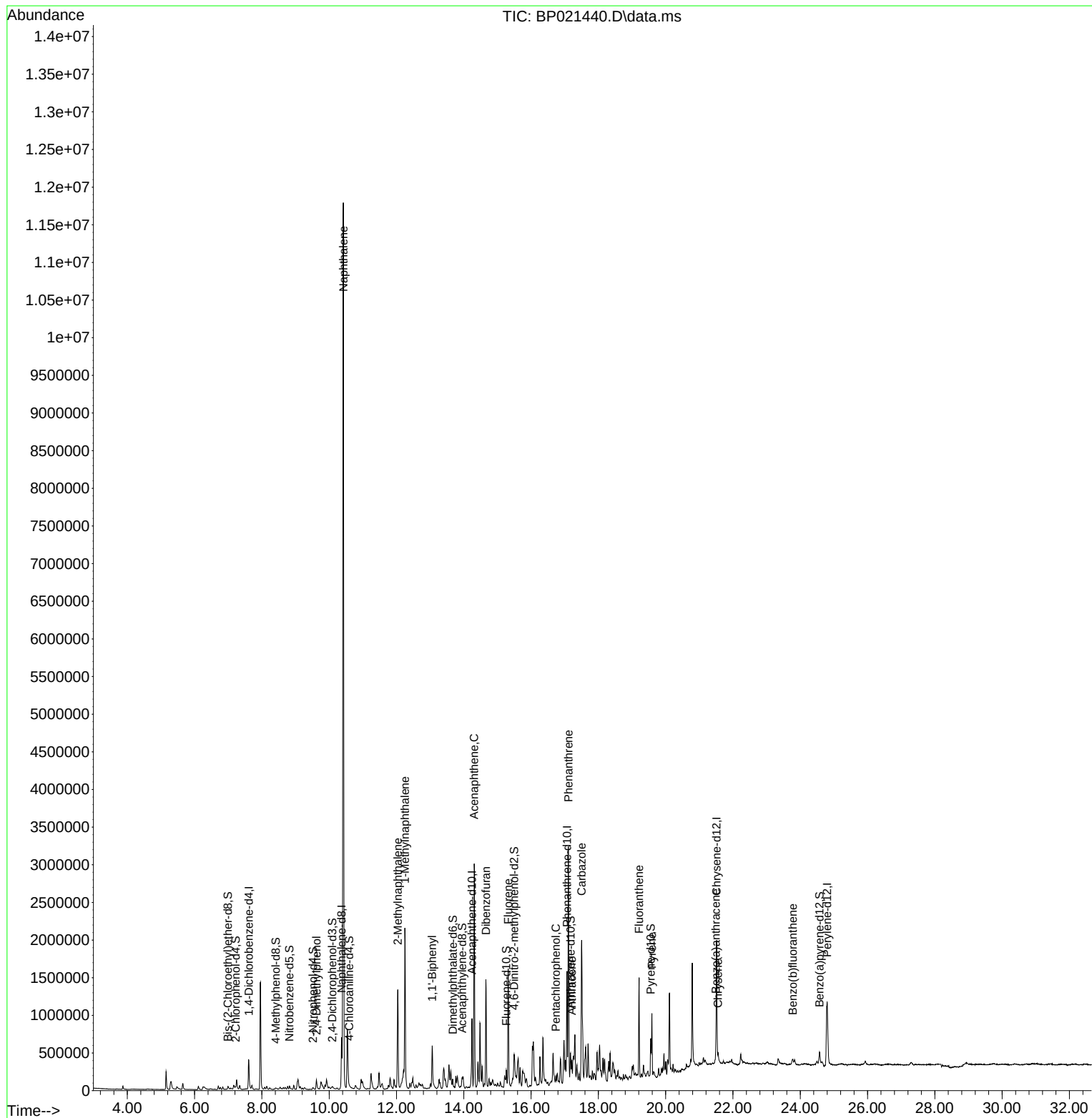
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

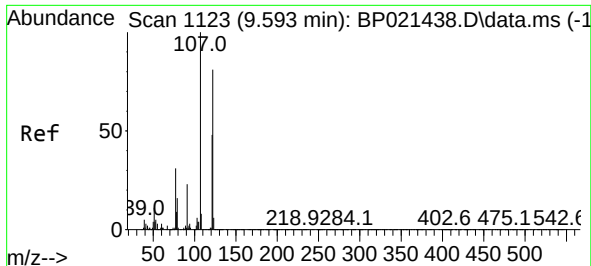
Instrument :
BNA_P
ClientSampleId :
C0AX7DL

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





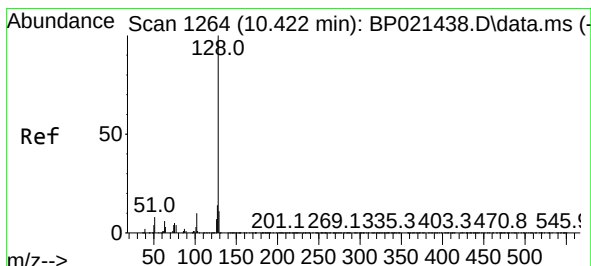
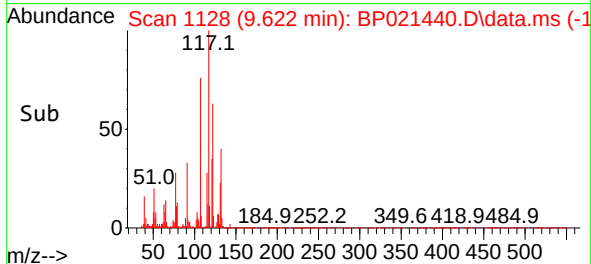
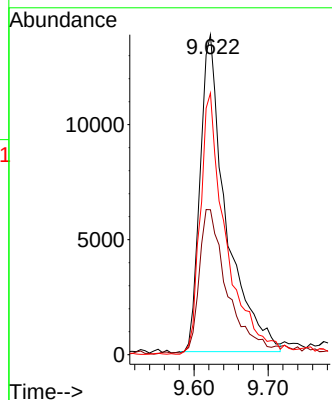
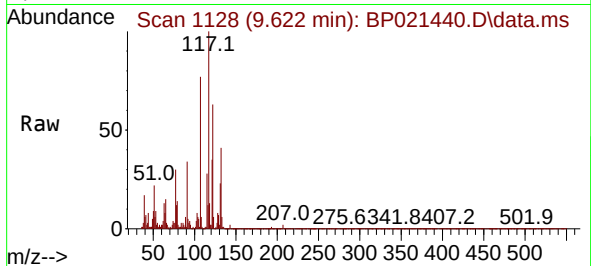
#26
2,4-Dimethylphenol
Concen: 3.454 ng/ul
RT: 9.622 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Tgt Ion:107 Resp: 33519
Ion Ratio Lower Upper
107 100
121 45.3 39.6 59.4
122 81.8 66.3 99.5

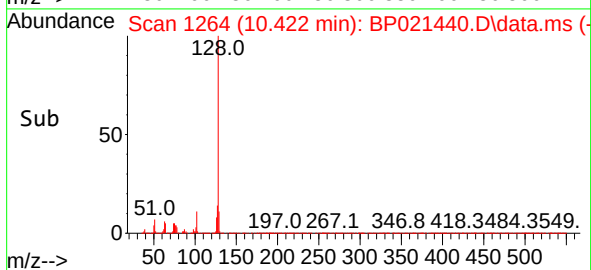
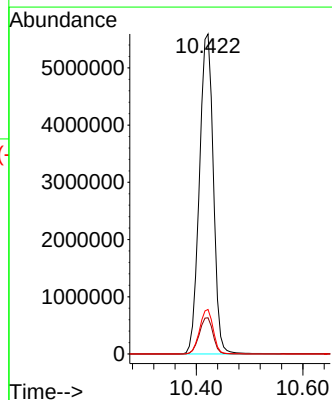
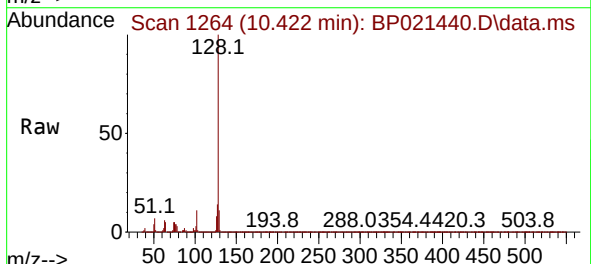
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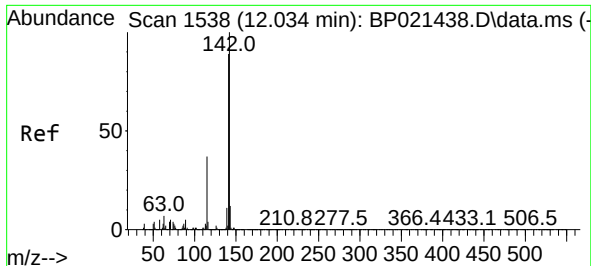
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#30
Naphthalene
Concen: 363.499 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.017 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Tgt Ion:128 Resp:10147910
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.9 10.8 16.2





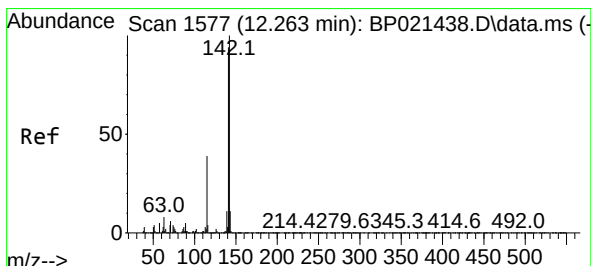
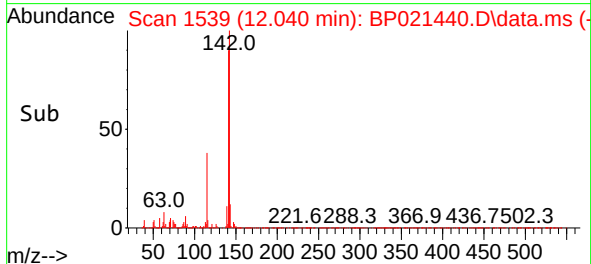
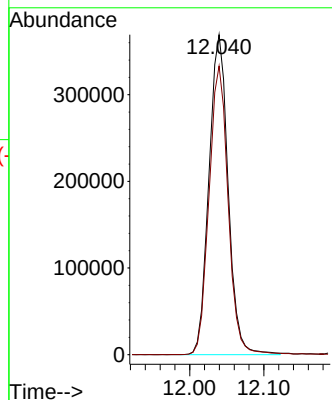
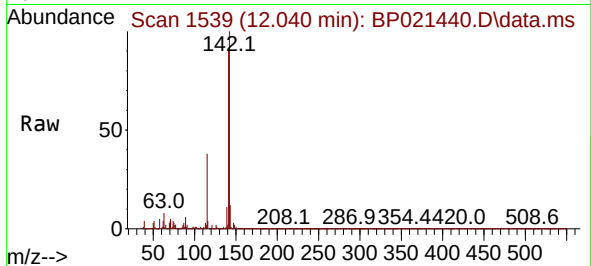
#36
2-Methylnaphthalene
Concen: 34.641 ng/ul
RT: 12.040 min Scan# 1538
Delta R.T. -0.029 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Tgt Ion:142 Resp: 66384
Ion Ratio Lower Upper
142 100
141 90.2 72.6 108.8

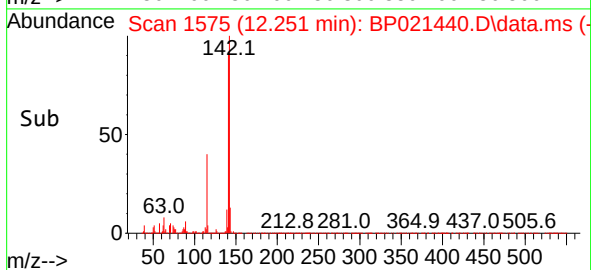
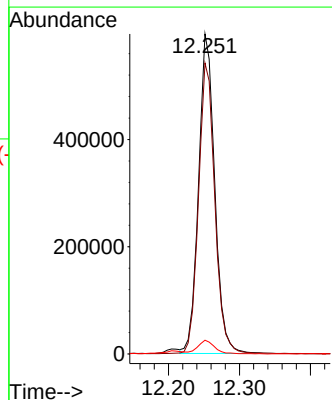
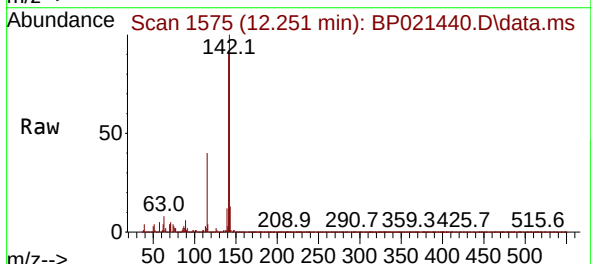
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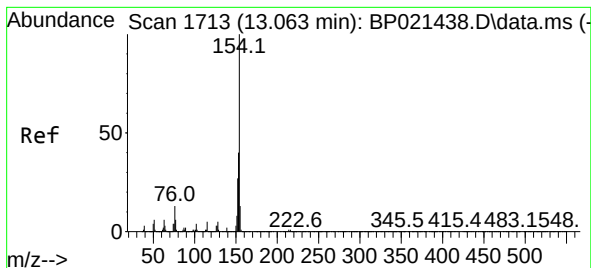
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#37
1-Methylnaphthalene
Concen: 48.001 ng/ul
RT: 12.251 min Scan# 1575
Delta R.T. -0.041 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Tgt Ion:142 Resp: 946069
Ion Ratio Lower Upper
142 100
141 90.9 75.0 112.6
116 4.3 3.2 4.8





#43

1,1'-Biphenyl

Concen: 10.394 ng/ul

RT: 13.063 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP021440.D

Acq: 08 Aug 2024 07:12

Instrument :

BNA_P

ClientSampleId :

C0AX7DL

Tgt Ion:154 Resp: 24544

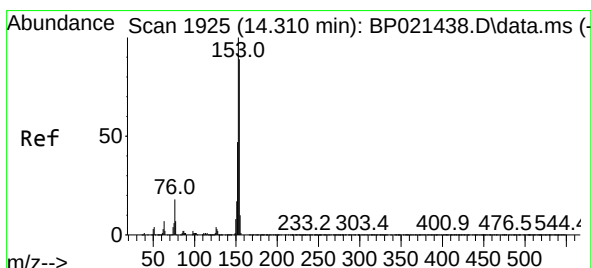
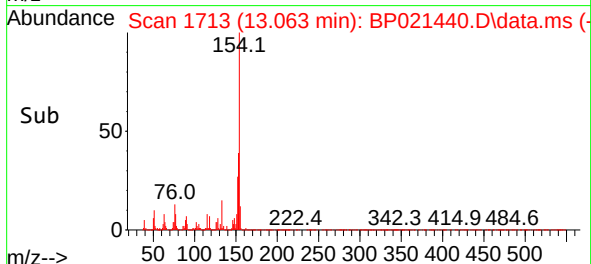
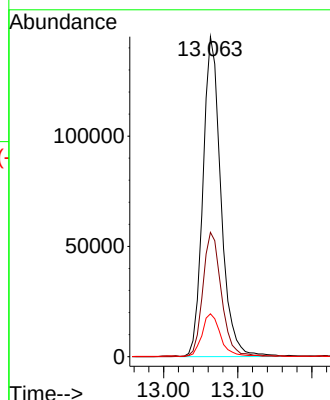
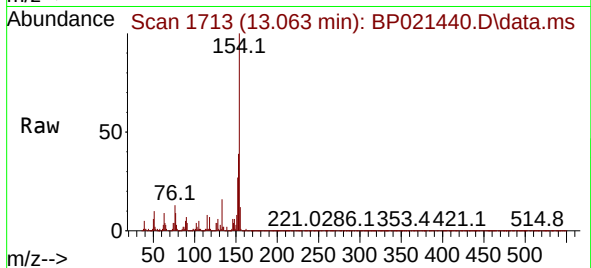
Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.7	49.1
76	13.4	9.4	14.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#52

Acenaphthene

Concen: 64.142 ng/ul

RT: 14.310 min Scan# 1925

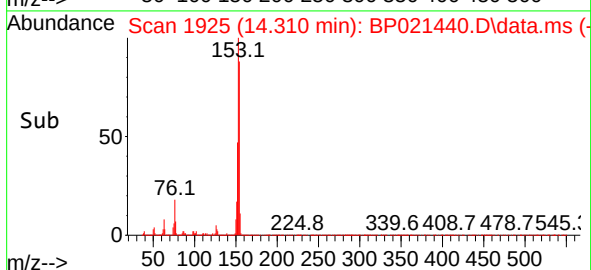
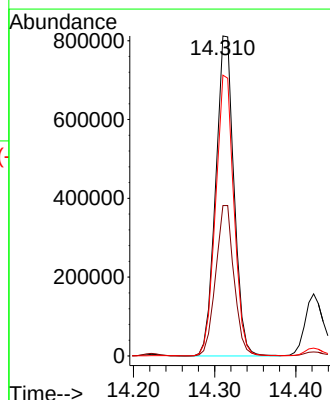
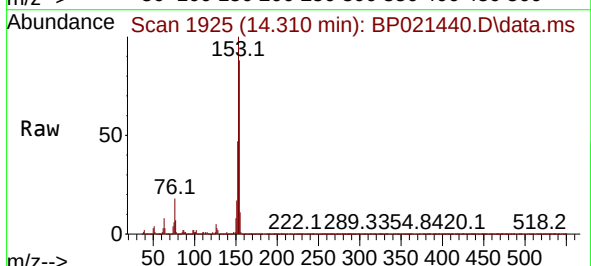
Delta R.T. -0.029 min

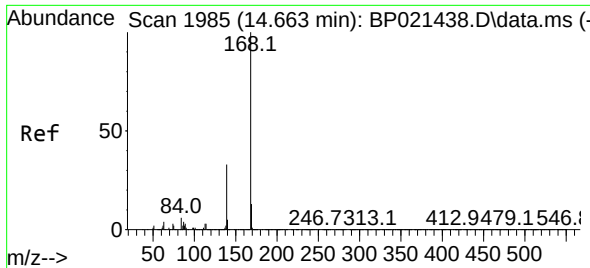
Lab File: BP021440.D

Acq: 08 Aug 2024 07:12

Tgt Ion:153 Resp: 1271313

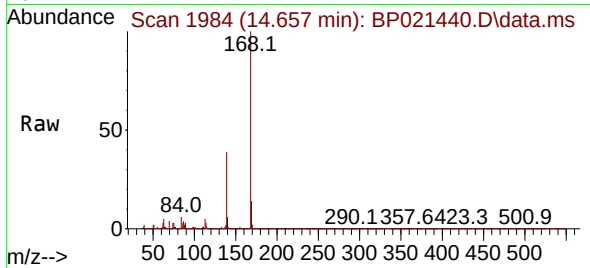
Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.6
154	87.7	71.8	107.6





#56
Dibenzenofuran
Concen: 35.437 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. -0.029 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

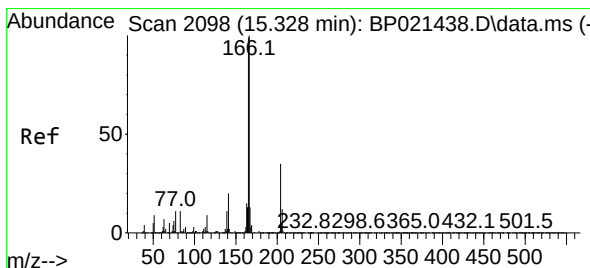
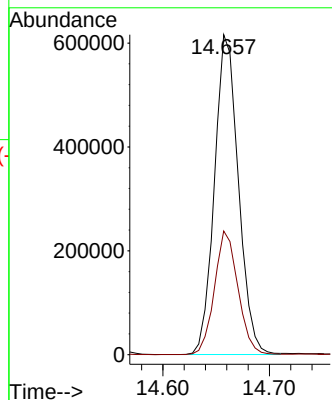
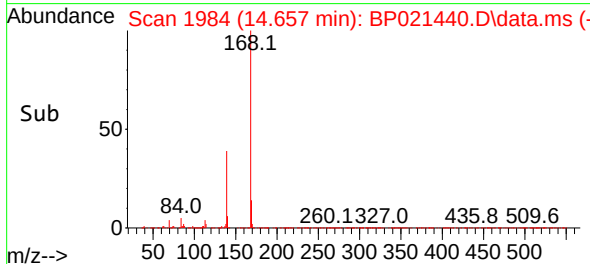
Instrument :
BNA_P
ClientSampleId :
C0AX7DL



Tgt Ion:168 Resp: 961830
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7

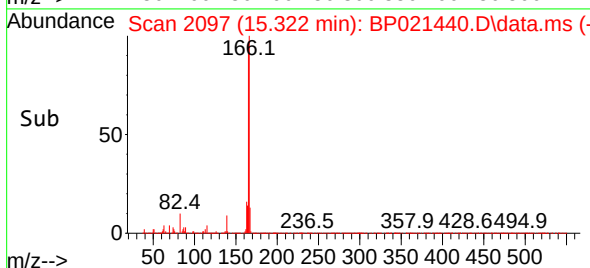
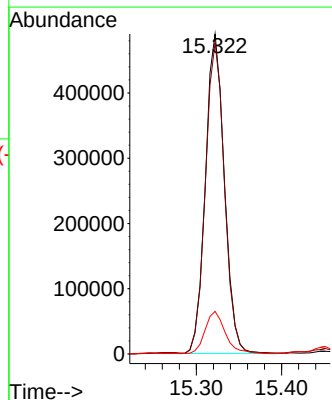
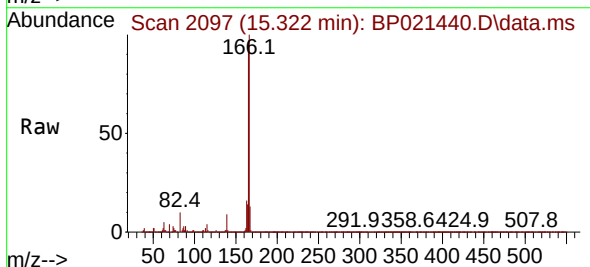
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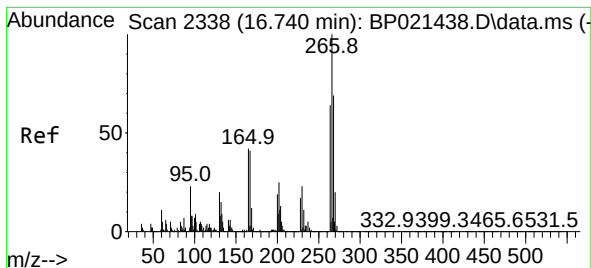
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#61
Fluorene
Concen: 34.178 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.023 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

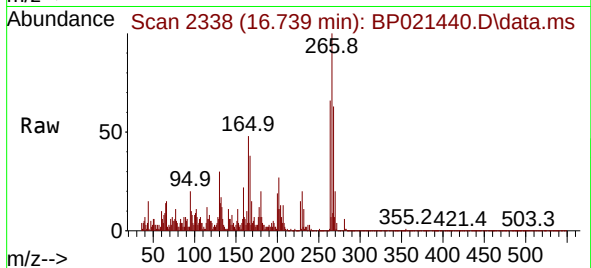
Tgt Ion:166 Resp: 756998
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.3 10.9 16.3





#71
Pentachlorophenol
Concen: 3.605 ng/ul
RT: 16.739 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

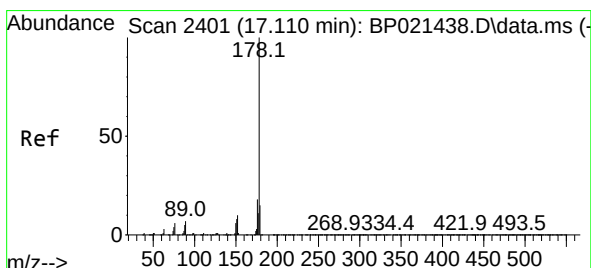
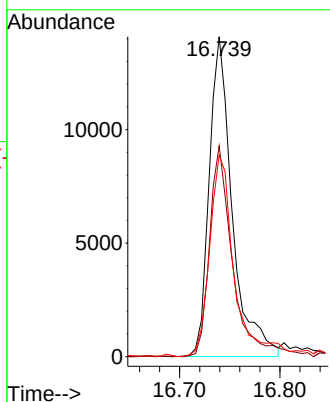
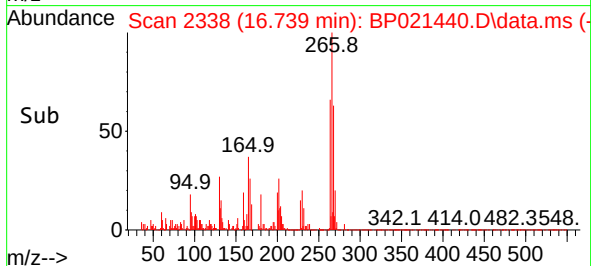
Instrument :
BNA_P
ClientSampleId :
C0AX7DL



Tgt Ion:266 Resp: 22489
Ion Ratio Lower Upper
266 100
264 65.9 52.3 78.5
268 63.0 52.3 78.5

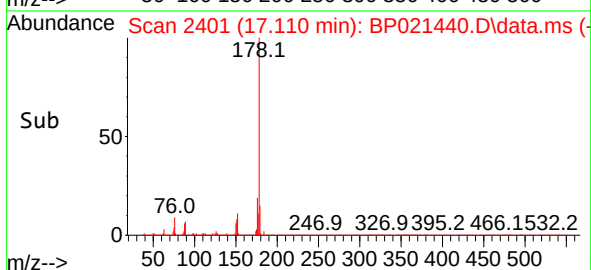
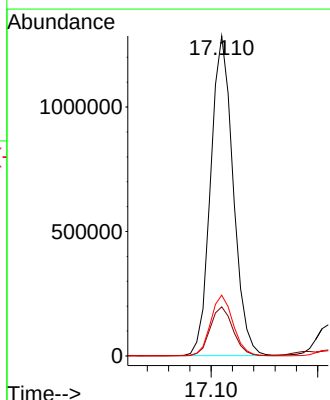
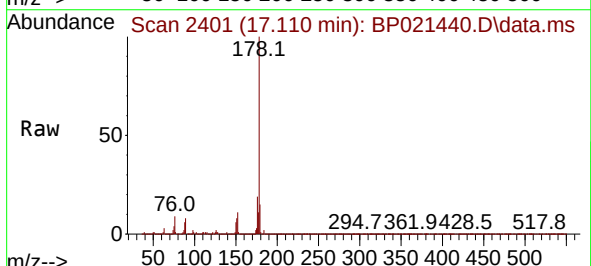
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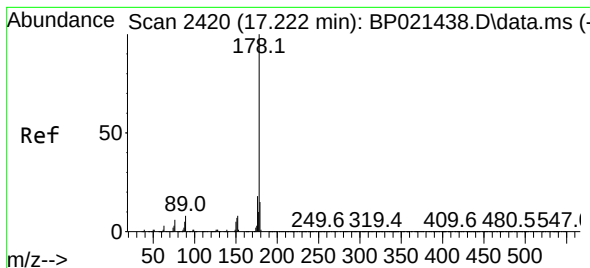
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Phenanthrene
Concen: 42.382 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.023 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Tgt Ion:178 Resp: 1879008
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.0 22.4





#74

Anthracene

Concen: 3.963 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. -0.023 min

Lab File: BP021440.D

Acq: 08 Aug 2024 07:12

Instrument :

BNA_P

ClientSampleId :

C0AX7DL

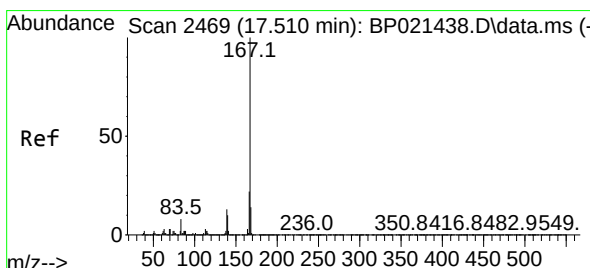
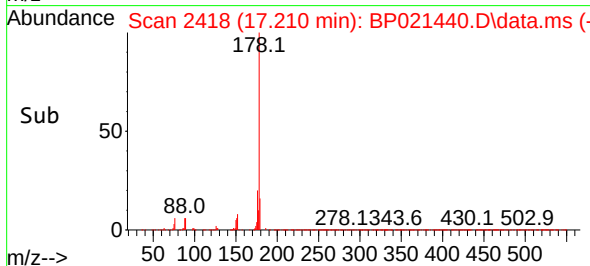
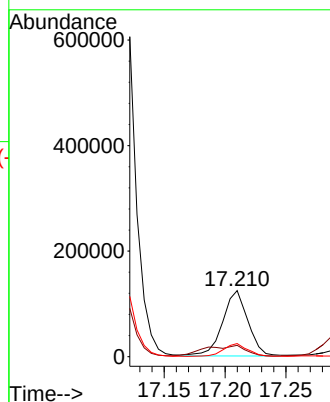
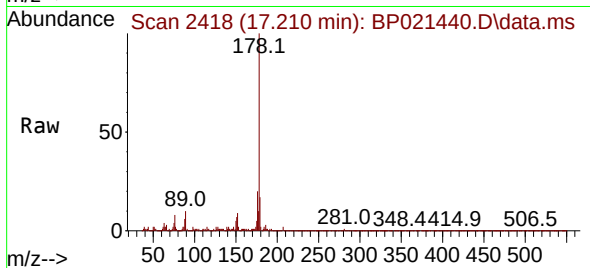
Tgt Ion:178	Resp: 17913
Ion Ratio	Lower Upper
178 100	
179 17.2	12.5 18.7
176 19.8	14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#77

Carbazole

Concen: 33.936 ng/ul

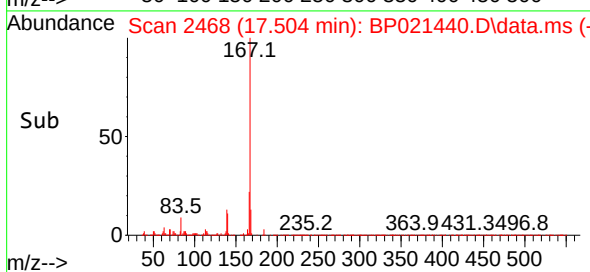
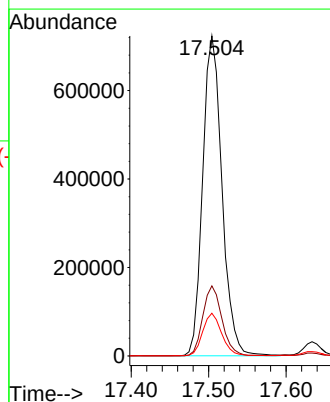
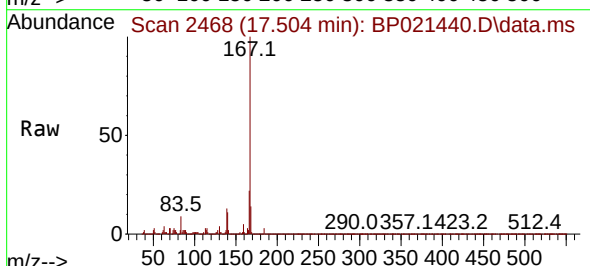
RT: 17.504 min Scan# 2468

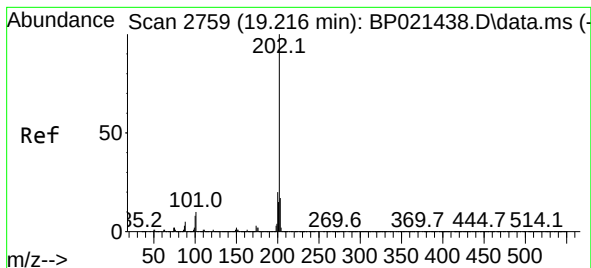
Delta R.T. -0.017 min

Lab File: BP021440.D

Acq: 08 Aug 2024 07:12

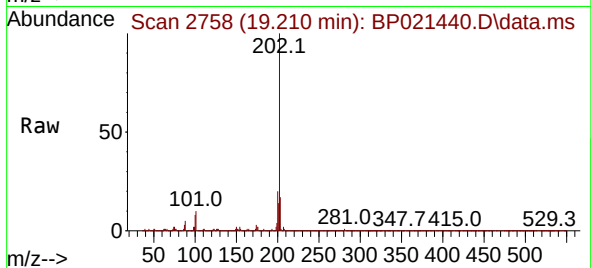
Tgt Ion:167	Resp: 1253835
Ion Ratio	Lower Upper
167 100	
166 21.9	17.3 25.9
139 13.4	10.2 15.2





#80
Fluoranthene
Concen: 11.619 ng/u1
RT: 19.210 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

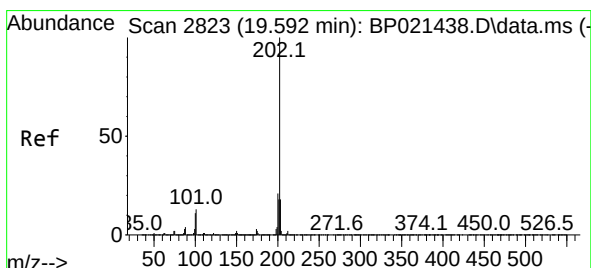
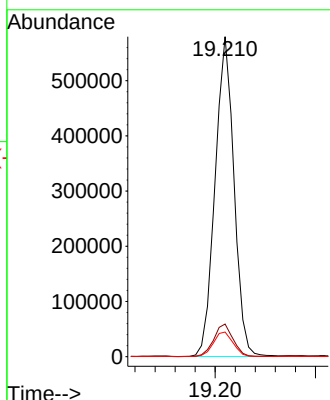
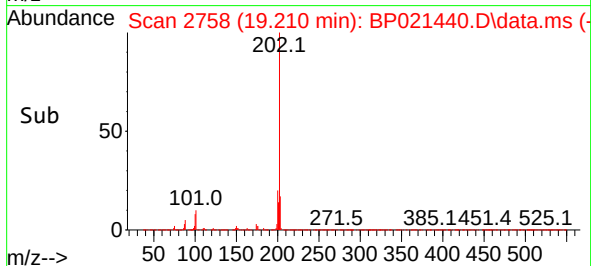
Instrument :
BNA_P
ClientSampleId :
C0AX7DL



Tgt Ion:202 Resp: 75968
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
100 7.7 6.1 9.1

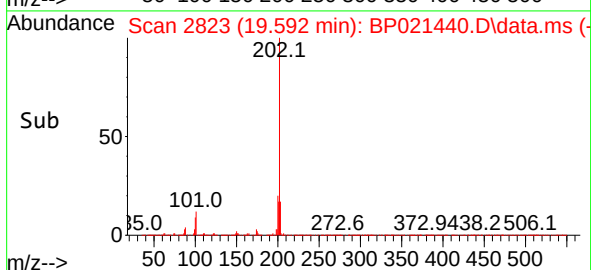
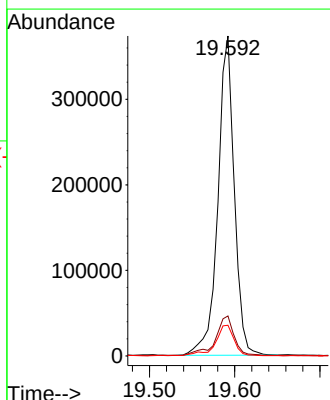
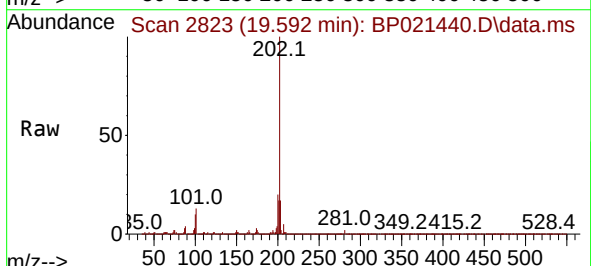
Manual Integrations
APPROVED

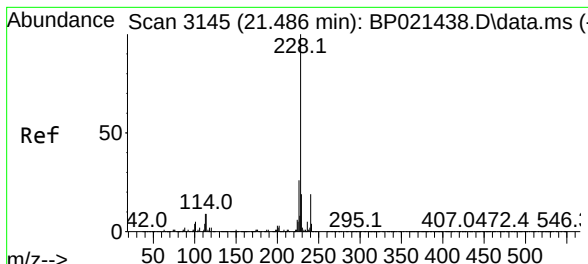
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#82
Pyrene
Concen: 7.509 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. -0.017 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Tgt Ion:202 Resp: 499606
Ion Ratio Lower Upper
202 100
101 12.5 9.4 14.2
100 9.6 7.8 11.6





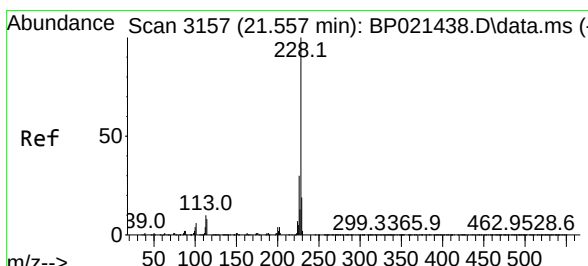
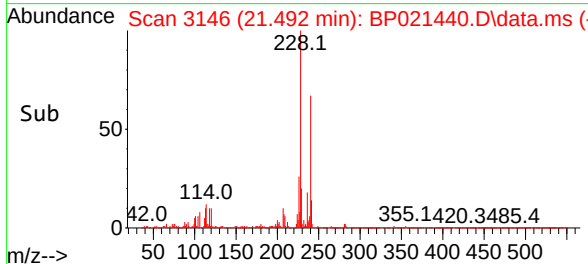
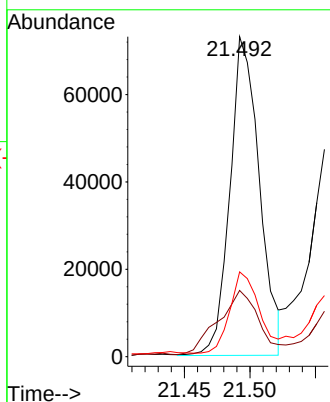
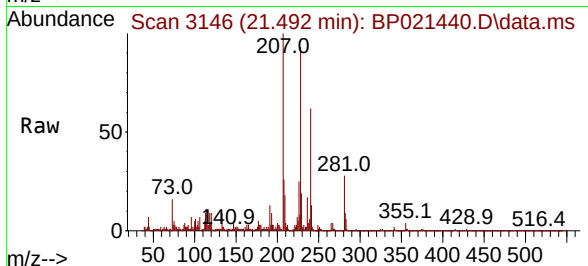
#85
Benzo(a)anthracene
Concen: 1.865 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. -0.017 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Instrument : BNA_P
Client SampleId : C0AX7DL

Tgt Ion:	228	Resp:	11437
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.5	23.3
226	26.5	21.4	32.2

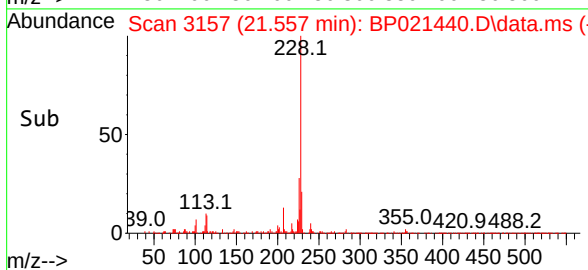
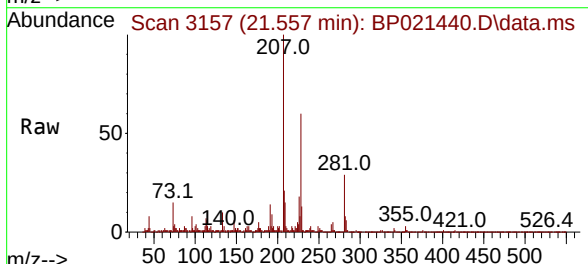
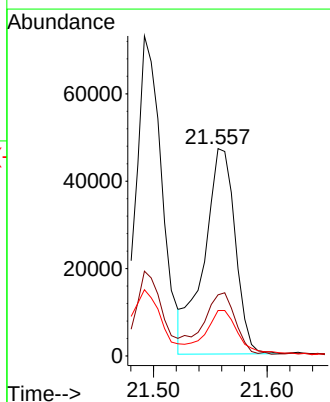
Manual Integrations
APPROVED

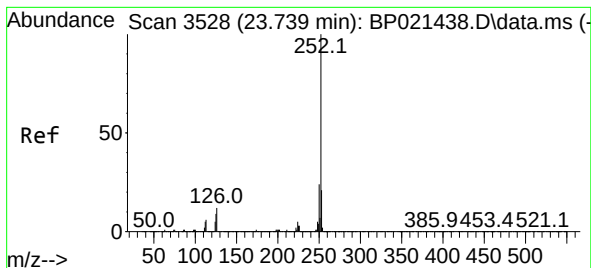
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#87
Chrysene
Concen: 1.579 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. -0.029 min
Lab File: BP021440.D
Acq: 08 Aug 2024 07:12

Tgt Ion:	228	Resp:	90012
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.6	35.4
229	21.9	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 1.267 ng/ul

RT: 23.774 min Scan# 3534

Delta R.T. -0.011 min

Lab File: BP021440.D

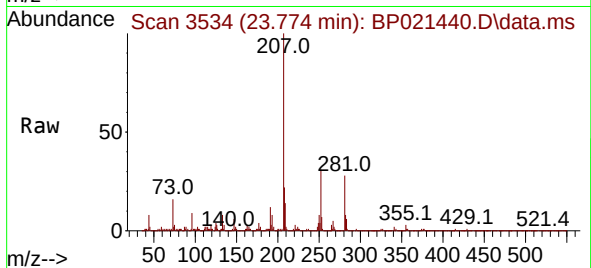
Acq: 08 Aug 2024 07:12

Instrument :

BNA_P

ClientSampleId :

C0AX7DL



Tgt Ion:252 Resp: 74900

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 11.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024

