

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021472.D
 Acq On : 09 Aug 2024 15:42
 Operator : RC/JU
 Sample : P3329-05ME 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E07ME

Manual Integrations
 APPROVED

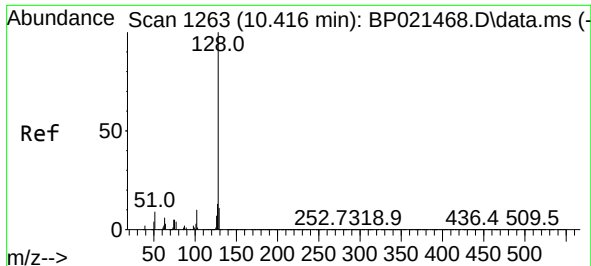
Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 16:45:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

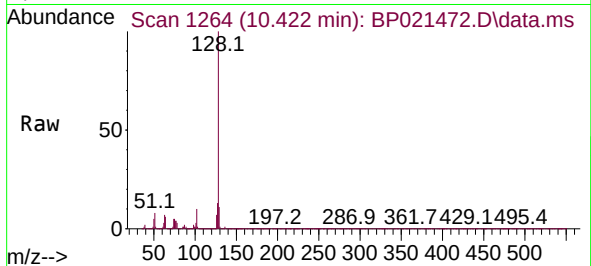
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	172191	20.000	ng/u1	0.02
20) Naphthalene-d8	10.369	136	688127	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	494930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	1095313	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1131711	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	1265283	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	2816	0.744	ng/uL	0.00
4) Pyridine-d5	3.634	84	25224m	2.303	ng/u1	0.05
7) Phenol-d5	6.946	99	23947	1.706	ng/u1	0.12
9) Bis-(2-Chloroethyl)eth...	7.005	67	32594m	3.831	ng/u1	0.05
11) 2-Chlorophenol-d4	7.228	132	37176	3.214	ng/u1	0.07
15) 4-Methylphenol-d8	8.428	113	45529m	3.905	ng/u1	0.08
21) Nitrobenzene-d5	8.834	128	15754	2.948	ng/u1	0.06
24) 2-Nitrophenol-d4	9.528	143	20843m	3.407	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.146	165	40773m	3.686	ng/u1	0.10
31) 4-Chloroaniline-d4	10.604	131	72551m	4.951	ng/u1	0.06
46) Dimethylphthalate-d6	13.669	166	197005	5.476	ng/u1	0.01
49) Acenaphthylene-d8	13.945	160	192914	4.775	ng/u1	0.01
54) 4-Nitrophenol-d4	14.740	143	16243m	3.173	ng/u1	0.16
60) Fluorene-d10	15.263	176	173562	5.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	15126m	2.282	ng/u1	0.06
73) Anthracene-d10	17.169	188	282941	5.816	ng/u1	0.00
81) Pyrene-d10	19.557	212	321257	4.592	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	362738	5.813	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.422	128	3016843	83.347	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	555327	22.351	ng/u1	100
37) 1-Methylnaphthalene	12.263	142	254560	9.962	ng/u1	99
43) 1,1'-Biphenyl	13.087	154	125690	3.475	ng/u1	98
52) Acenaphthene	14.316	153	452062	14.890	ng/u1	98
56) Dibenzofuran	14.669	168	530261	12.755	ng/u1	97
61) Fluorene	15.328	166	535330	15.780	ng/u1	99
72) Phenanthrene	17.104	178	2327043	40.954	ng/u1	99
74) Anthracene	17.210	178	502901m	8.682	ng/u1	
77) Carbazole	17.516	167	298969	6.314	ng/u1	99
80) Fluoranthene	19.210	202	1304932	15.444	ng/u1	99
82) Pyrene	19.586	202	908030	10.561	ng/u1	99
85) Benzo(a)anthracene	21.486	228	341203m	4.304	ng/u1	
87) Chrysene	21.563	228	261646	3.552	ng/u1	97
90) Benzo(b)fluoranthene	23.768	252	175107m	2.281	ng/u1	
93) Benzo(a)pyrene	24.639	252	99071	1.365	ng/u1#	85

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



#30
Naphthalene
Concen: 83.347 ng/ul
RT: 10.422 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

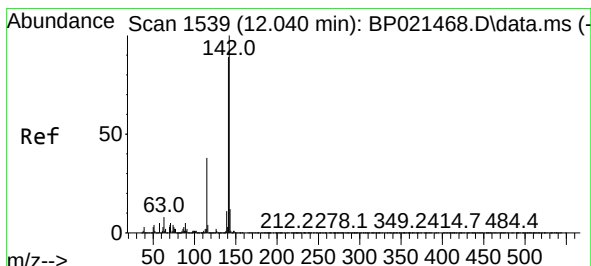
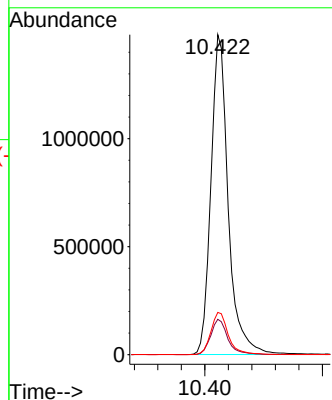
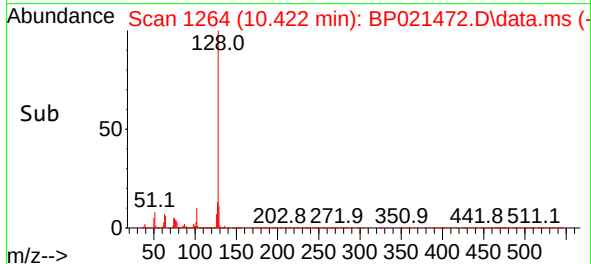
Instrument :
BNA_P
ClientSampleId :
F7E07ME



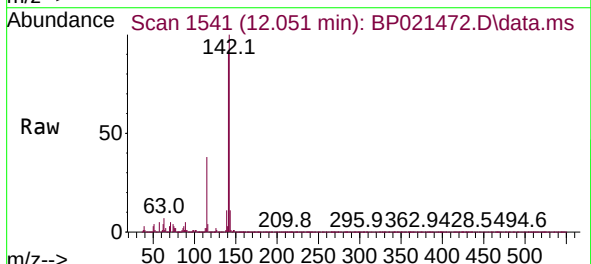
Tgt Ion:128 Resp: 301684
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations
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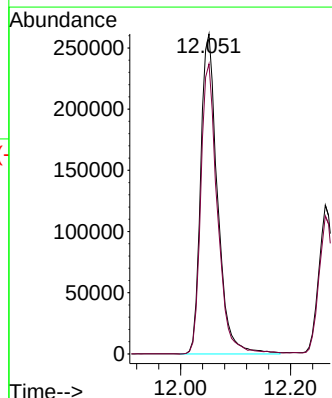
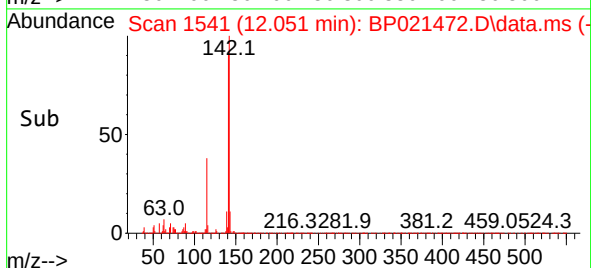
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

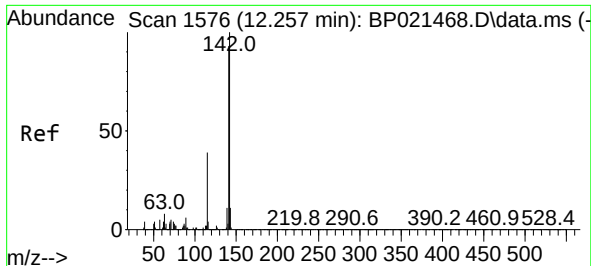


#36
2-Methylnaphthalene
Concen: 22.351 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42



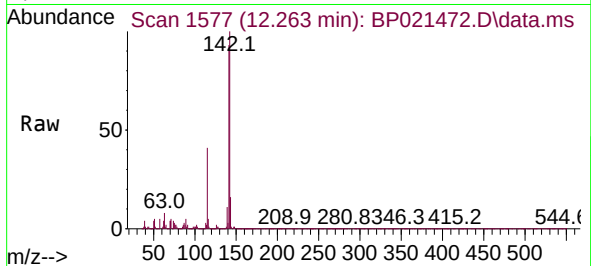
Tgt Ion:142 Resp: 555327
Ion Ratio Lower Upper
142 100
141 90.7 72.6 108.8





#37
1-Methylnaphthalene
Concen: 9.962 ng/ul
RT: 12.263 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

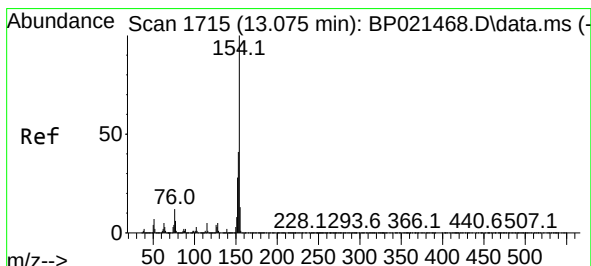
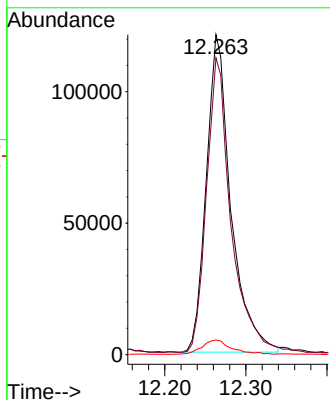
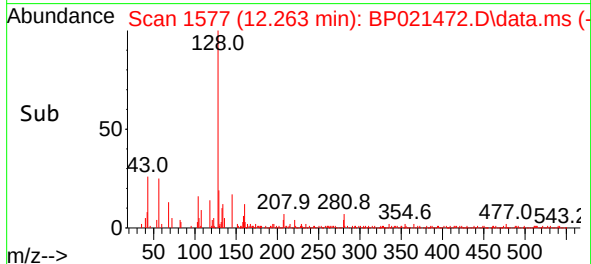
Instrument :
BNA_P
ClientSampleId :
F7E07ME



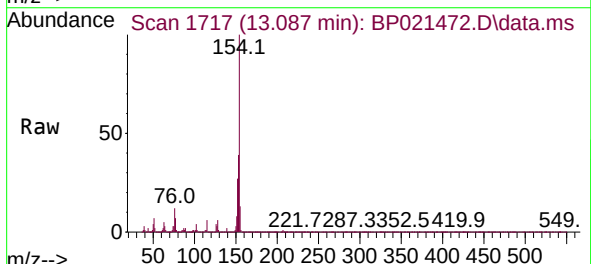
Tgt Ion:142 Resp: 254560
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.6
116 4.6 3.2 4.8

Manual Integrations
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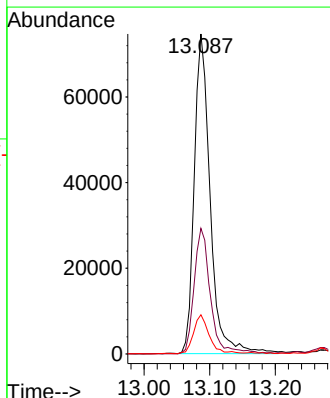
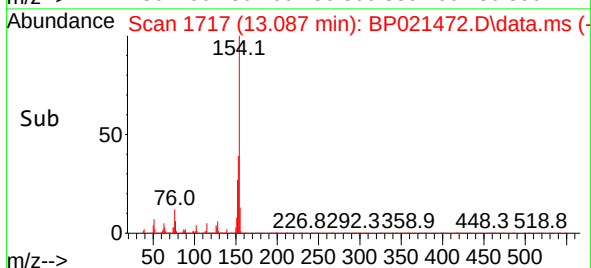
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

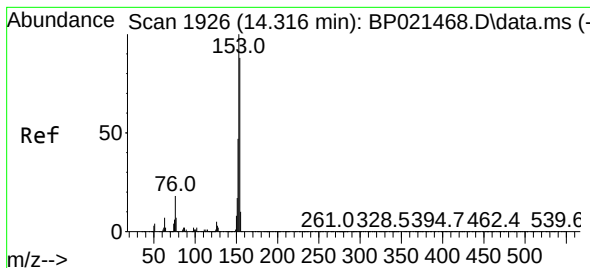


#43
1,1'-Biphenyl
Concen: 3.475 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.029 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42



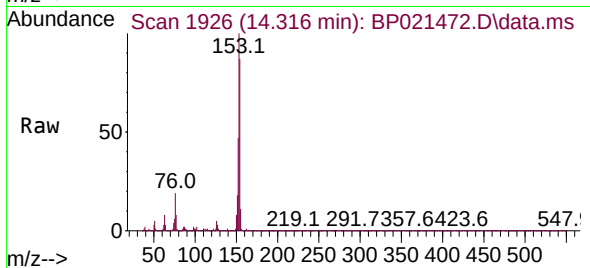
Tgt Ion:154 Resp: 125690
Ion Ratio Lower Upper
154 100
153 39.2 32.7 49.1
76 12.3 9.4 14.2





#52
Acenaphthene
Concen: 14.890 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

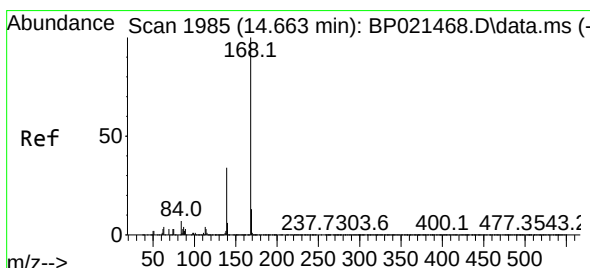
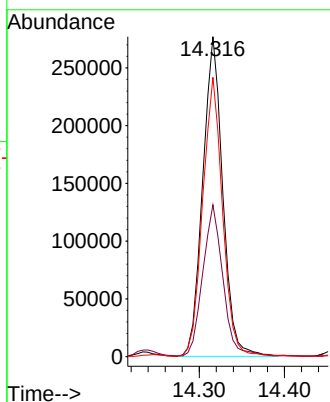
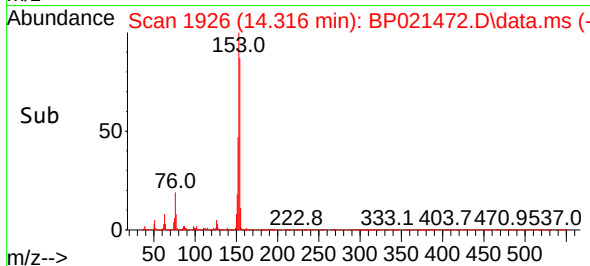
Instrument :
BNA_P
ClientSampleId :
F7E07ME



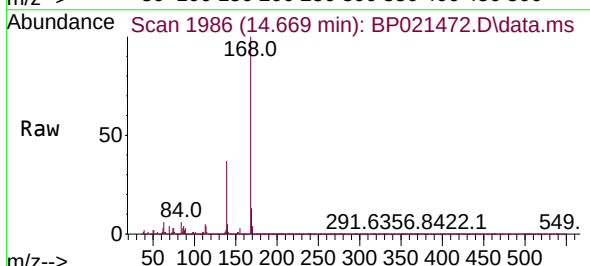
Tgt Ion:153 Resp: 452062
Ion Ratio Lower Upper
153 100
152 47.4 37.8 56.6
154 87.3 71.8 107.6

Manual Integrations
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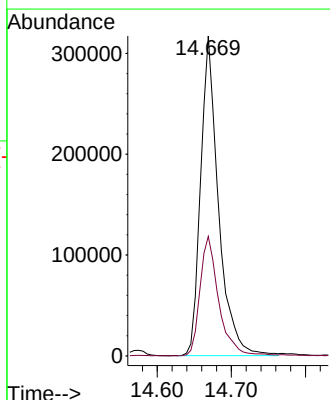
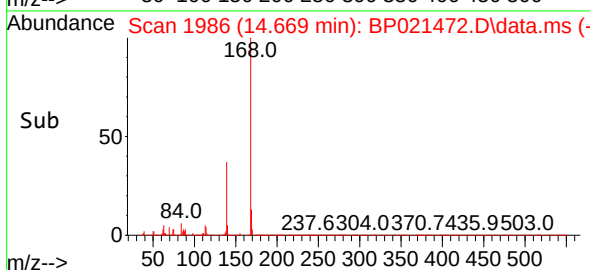
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

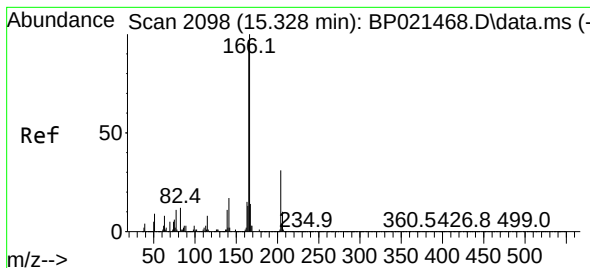


#56
Dibenzofuran
Concen: 12.755 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42



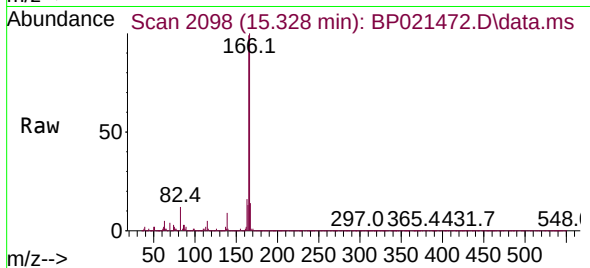
Tgt Ion:168 Resp: 530261
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7





#61
Fluorene
Concen: 15.780 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.012 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

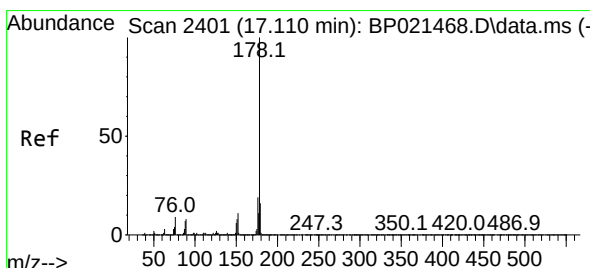
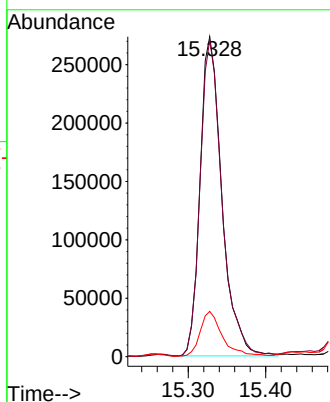
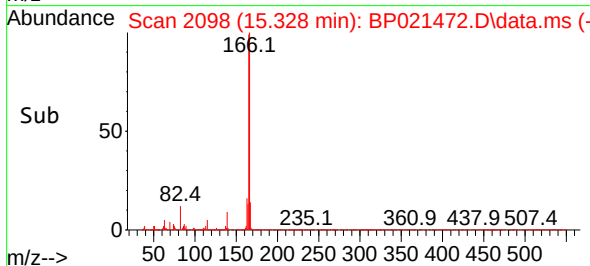
Instrument :
BNA_P
Client Sample Id :
F7E07ME



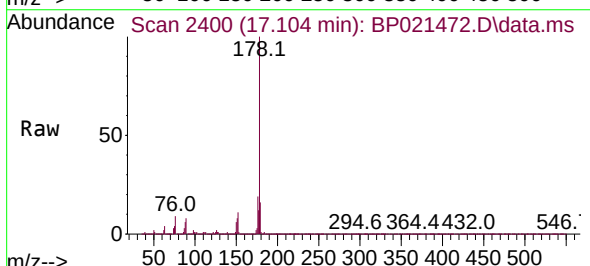
Tgt Ion:166 Resp: 535330
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 14.1 10.9 16.3

Manual Integrations
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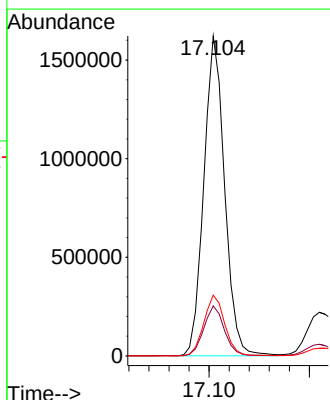
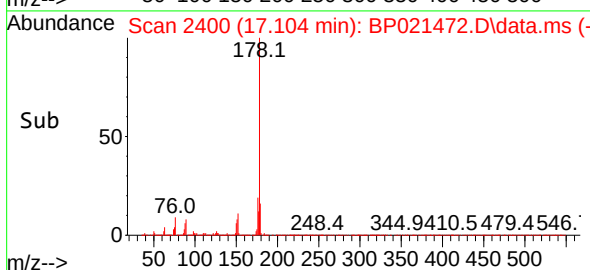
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

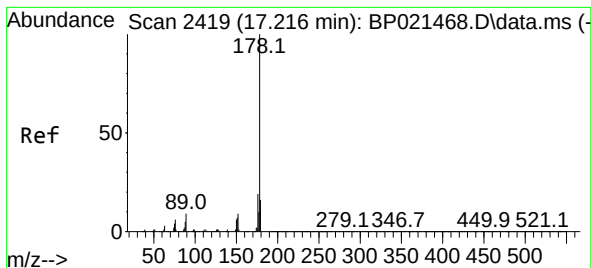


#72
Phenanthrene
Concen: 40.954 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42



Tgt Ion:178 Resp: 2327043
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.0 15.0 22.4





#74

Anthracene

Concen: 8.682 ng/ul m

RT: 17.210 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP021472.D

Acq: 09 Aug 2024 15:42

Instrument :

BNP_P

ClientSampleId :

F7E07ME

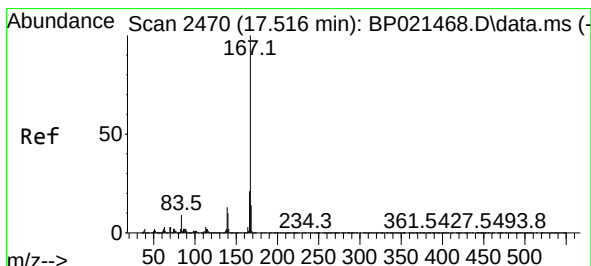
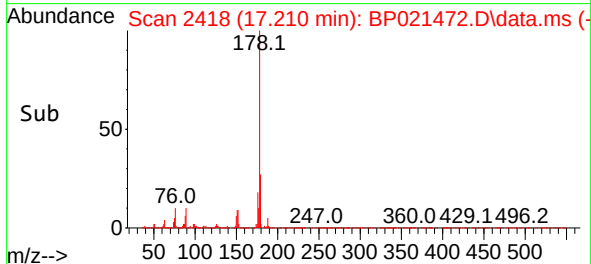
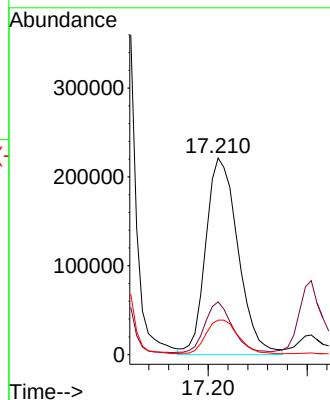
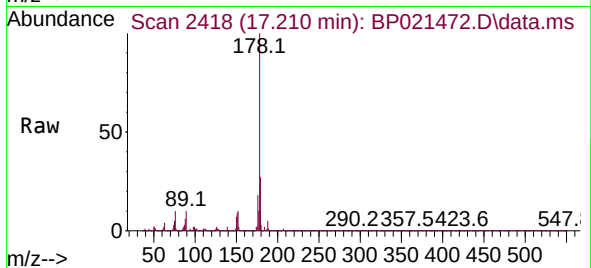
Tgt Ion:178 Resp: 502901
 Ion Ratio Lower Upper
 178 100
 179 26.8 12.5 18.7
 176 17.5 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024



#77

Carbazole

Concen: 6.314 ng/ul

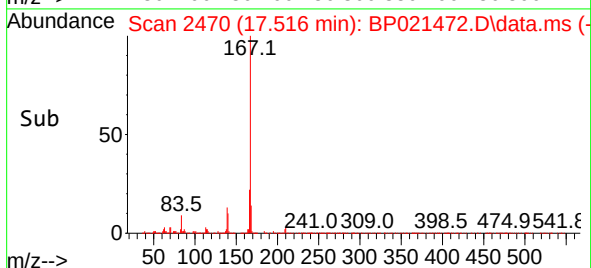
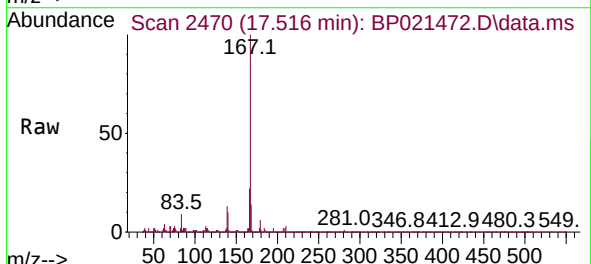
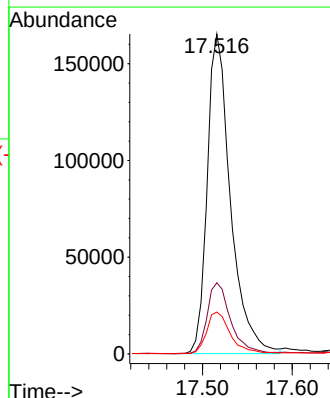
RT: 17.516 min Scan# 2470

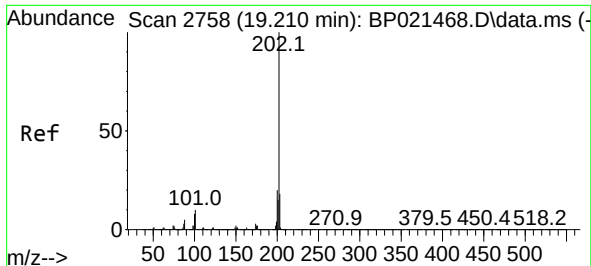
Delta R.T. -0.000 min

Lab File: BP021472.D

Acq: 09 Aug 2024 15:42

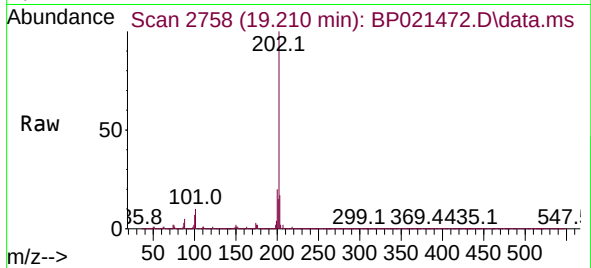
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 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.1 10.2 15.2





#80
Fluoranthene
Concen: 15.444 ng/ul
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

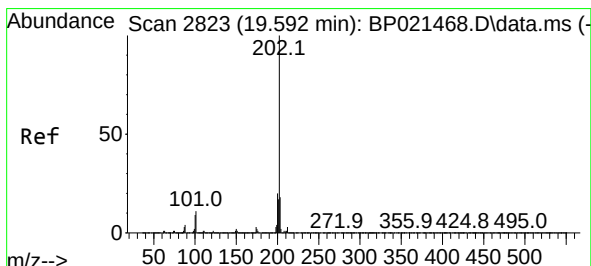
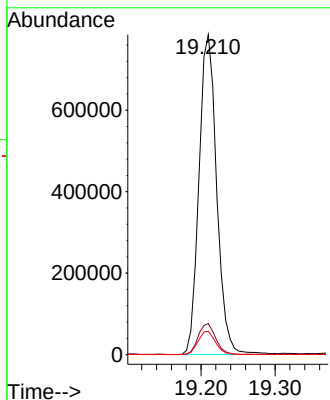
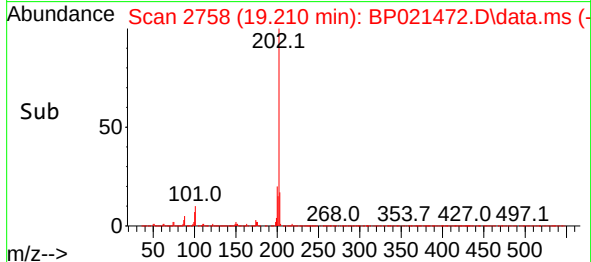
Instrument :
BNA_P
ClientSampleId :
F7E07ME



Tgt Ion:202 Resp: 1304932
Ion Ratio Lower Upper
202 100
101 9.7 8.0 12.0
100 7.3 6.1 9.1

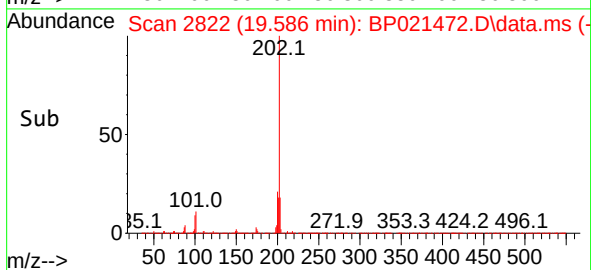
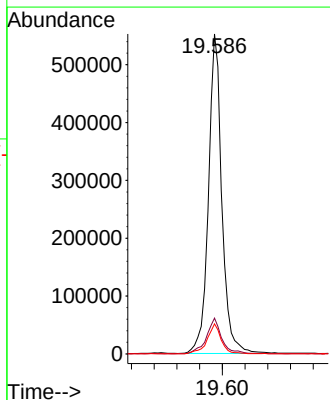
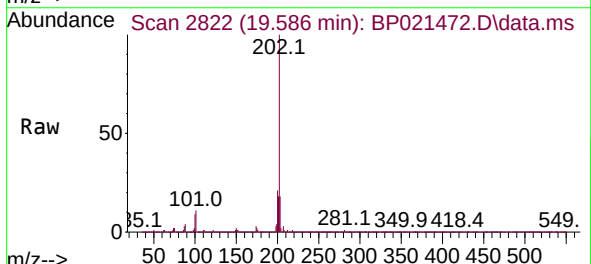
Manual Integrations
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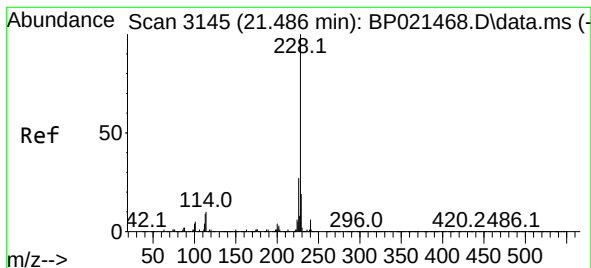
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 10.561 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

Tgt Ion:202 Resp: 908030
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 4.304 ng/ul m

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP021472.D

Acq: 09 Aug 2024 15:42

Instrument :

BNA_P

ClientSampleId :

F7E07ME

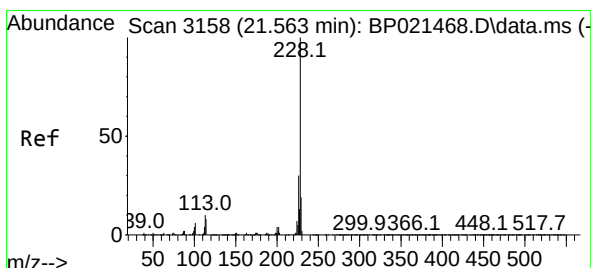
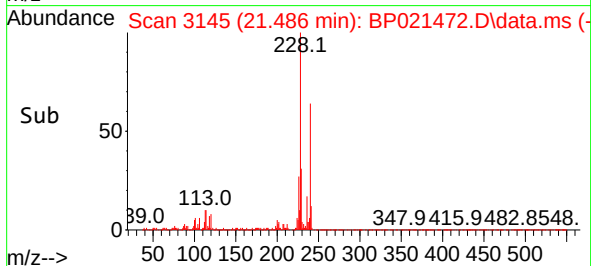
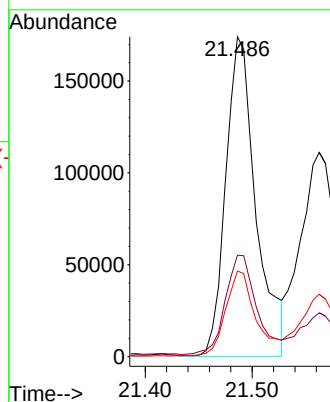
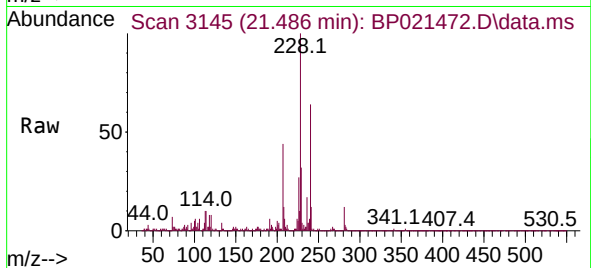
Tgt Ion:228 Resp: 341203
 Ion Ratio Lower Upper
 228 100
 229 31.7 15.5 23.3
 226 26.7 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 08/12/2024



#87

Chrysene

Concen: 3.552 ng/ul

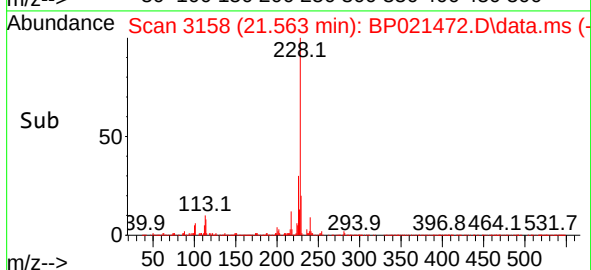
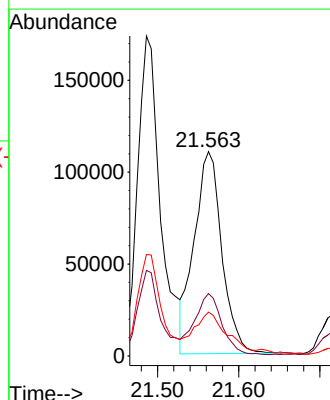
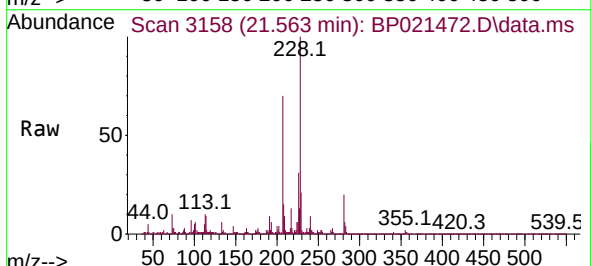
RT: 21.563 min Scan# 3158

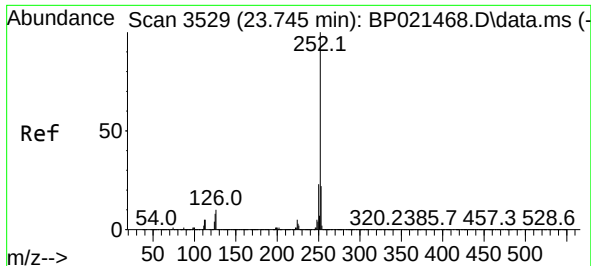
Delta R.T. -0.000 min

Lab File: BP021472.D

Acq: 09 Aug 2024 15:42

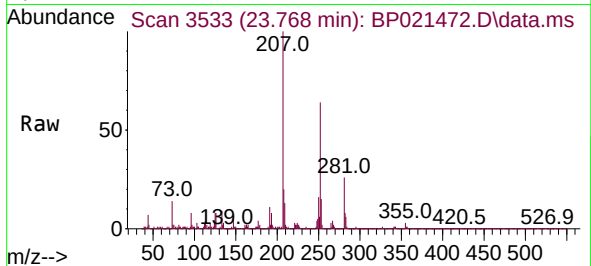
Tgt Ion:228 Resp: 261646
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.6 35.4
 229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.281 ng/ul m
RT: 23.768 min Scan# 3529
Delta R.T. 0.018 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

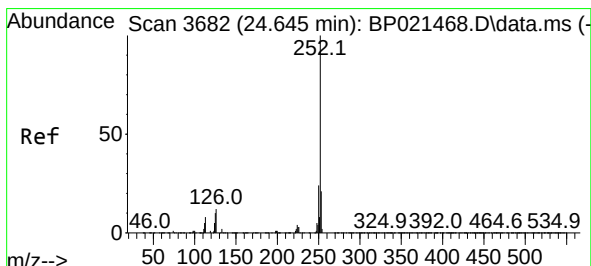
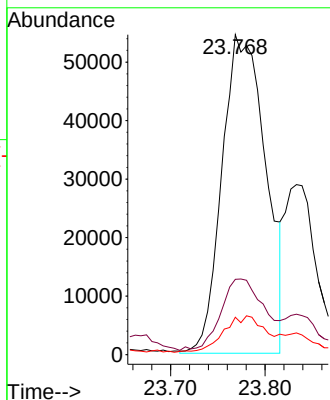
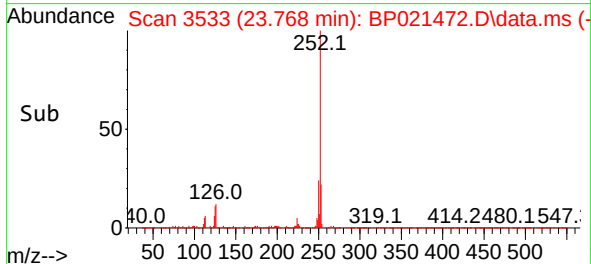
Instrument :
BNA_P
ClientSampleId :
F7E07ME



Tgt Ion:252 Resp: 175107
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 11.7 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#93
Benzo(a)pyrene
Concen: 1.365 ng/ul
RT: 24.639 min Scan# 3681
Delta R.T. 0.006 min
Lab File: BP021472.D
Acq: 09 Aug 2024 15:42

Tgt Ion:252 Resp: 99071
Ion Ratio Lower Upper
252 100
253 30.8 17.4 26.0#
125 11.1 7.7 11.5

