

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021407.D
 Acq On : 07 Aug 2024 03:52
 Operator : CG/JU
 Sample : P3329-07DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E09DL

Quant Time: Aug 07 04:28:01 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 08/08/2024
 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	163727	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	627989	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	479793	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1051643	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	1115939	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1305448	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	1862	0.518	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.940	99	18153	1.360	ng/u1	0.09
9) Bis-(2-Chloroethyl)eth...	7.005	67	21025m	2.599	ng/u1	0.02
11) 2-Chlorophenol-d4	7.222	132	26665m	2.425	ng/u1	0.04
15) 4-Methylphenol-d8	8.410	113	26835m	2.421	ng/u1	0.05
21) Nitrobenzene-d5	8.828	128	11462m	2.350	ng/u1	0.04
24) 2-Nitrophenol-d4	9.522	143	13463m	2.412	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.134	165	25289m	2.505	ng/u1	0.08
31) 4-Chloroaniline-d4	10.610	131	38620m	2.888	ng/u1	0.05
46) Dimethylphthalate-d6	13.675	166	99725	2.859	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	106195	2.712	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	90796	3.173	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	5955m	0.936	ng/u1	0.05
73) Anthracene-d10	17.186	188	141592	3.031	ng/u1	0.00
81) Pyrene-d10	19.569	212	163127	2.364	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	192175	2.985	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.434	128	4165179	126.093	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	1107320	48.835	ng/u1	99
37) 1-Methylnaphthalene	12.275	142	517538	22.192	ng/u1	99
43) 1,1'-Biphenyl	13.087	154	288794	8.236	ng/u1	99
50) Acenaphthylene	13.987	152	72545	1.636	ng/u1#	95
52) Acenaphthene	14.322	153	938700	31.895	ng/u1	99
56) Dibenzofuran	14.681	168	1032099	25.609	ng/u1	98
61) Fluorene	15.339	166	1046616	31.824	ng/u1	99
72) Phenanthrene	17.128	178	4438342	81.355	ng/u1	99
74) Anthracene	17.228	178	649661m	11.681	ng/u1	
77) Carbazole	17.533	167	308444	6.784	ng/u1	99
80) Fluoranthene	19.222	202	2680749	32.175	ng/u1	99
82) Pyrene	19.598	202	1772800	20.910	ng/u1	99
85) Benzo(a)anthracene	21.504	228	670619	8.579	ng/u1	98
87) Chrysene	21.574	228	491987	6.773	ng/u1	97
90) Benzo(b)fluoranthene	23.774	252	359167	4.534	ng/u1	97
91) Benzo(k)fluoranthene	23.839	252	130497	1.651	ng/u1	97
93) Benzo(a)pyrene	24.651	252	214908	2.871	ng/u1	99

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

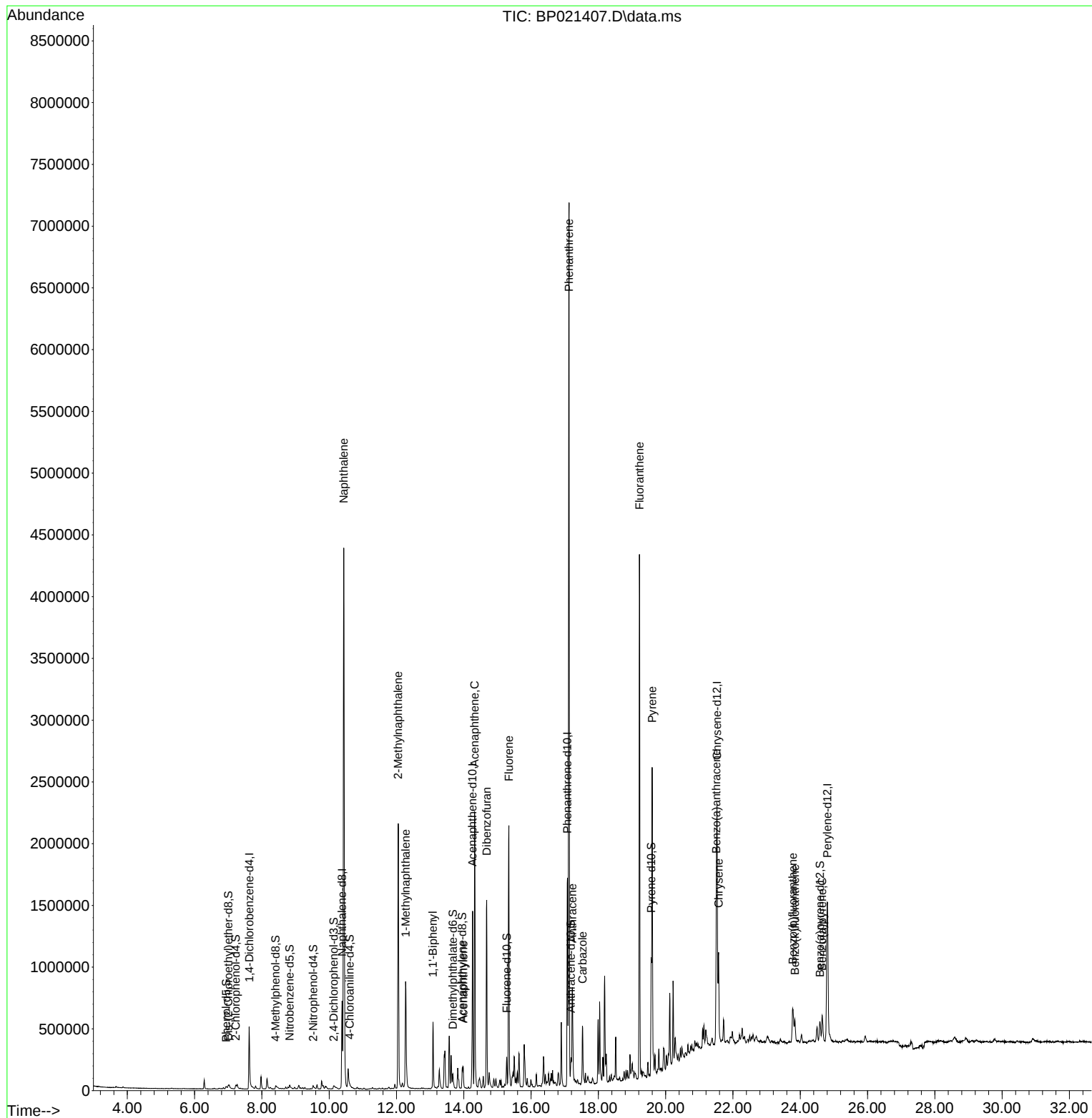
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021407.D
Acq On : 07 Aug 2024 03:52
Operator : CG/JU
Sample : P3329-07DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

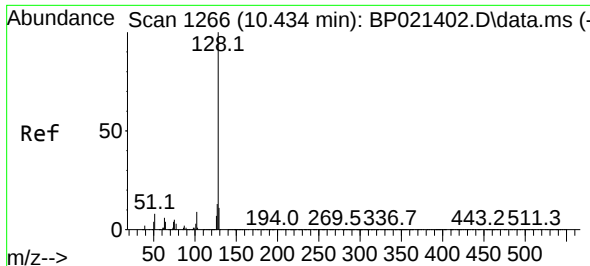
Instrument :
BNA_P
ClientSampleId :
F7E09DL

Quant Time: Aug 07 04:28:01 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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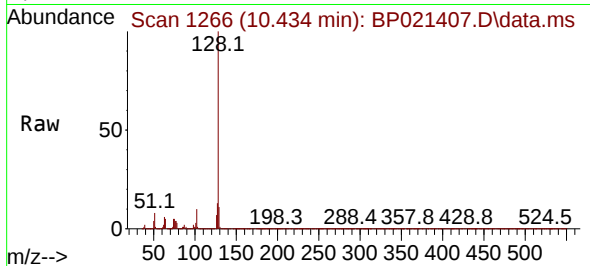
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024





#30
Naphthalene
Concen: 126.093 ng/ul
RT: 10.434 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

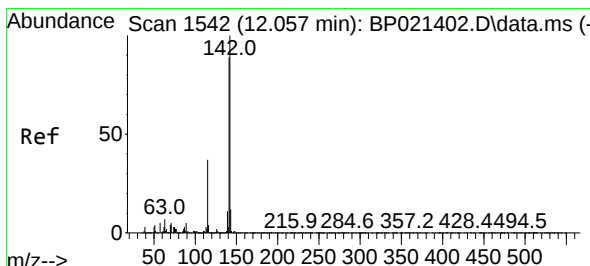
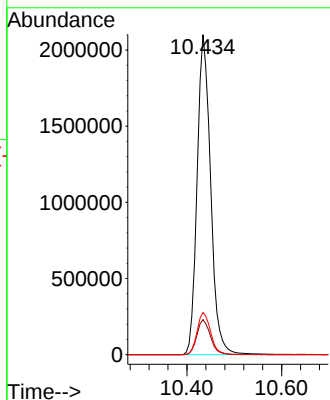
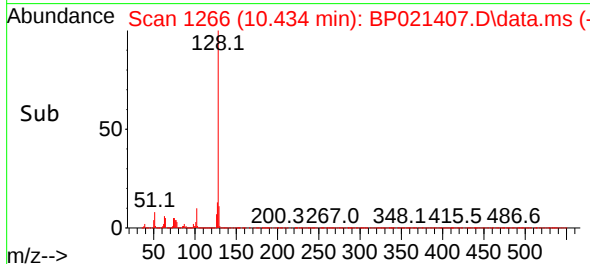
Instrument :
BNA_P
ClientSampleId :
F7E09DL



Tgt Ion:128 Resp: 4165179
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

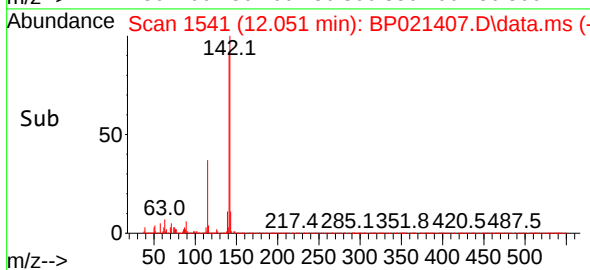
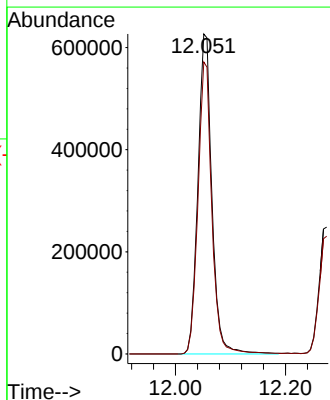
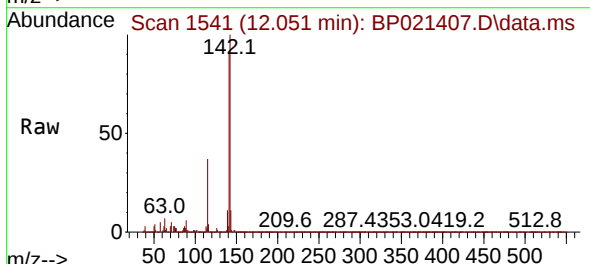
Manual Integrations
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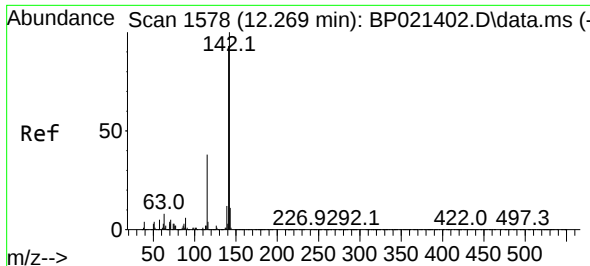
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#36
2-Methylnaphthalene
Concen: 48.835 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.017 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

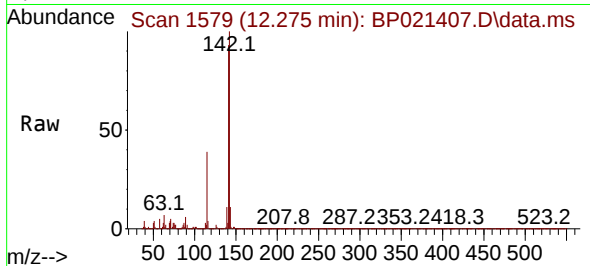
Tgt Ion:142 Resp: 1107320
Ion Ratio Lower Upper
142 100
141 91.2 72.6 108.8





#37
1-Methylnaphthalene
Concen: 22.192 ng/ul
RT: 12.275 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

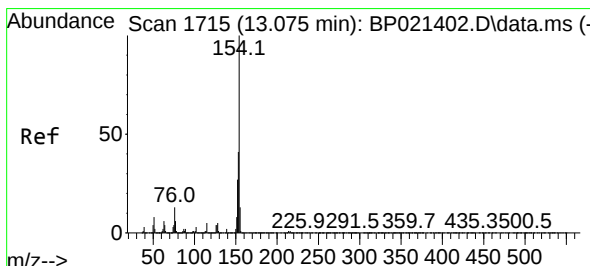
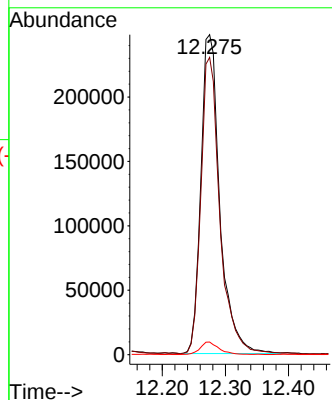
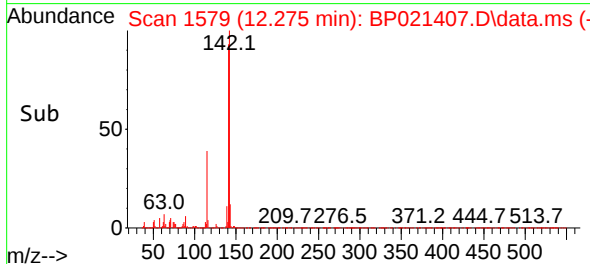
Instrument :
BNA_P
ClientSampleId :
F7E09DL



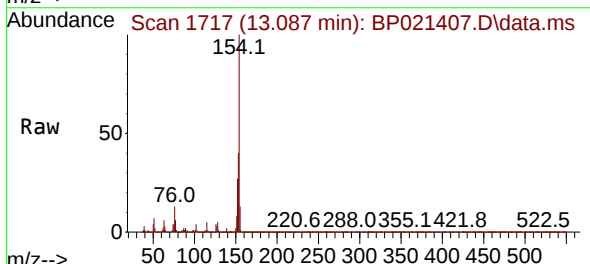
Tgt Ion:142 Resp: 517538
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.6
116 3.9 3.2 4.8

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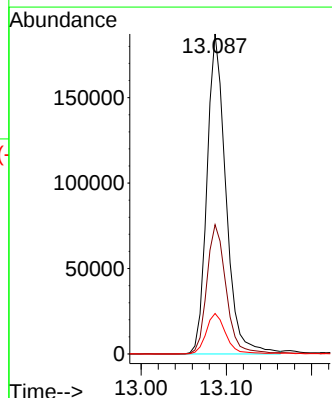
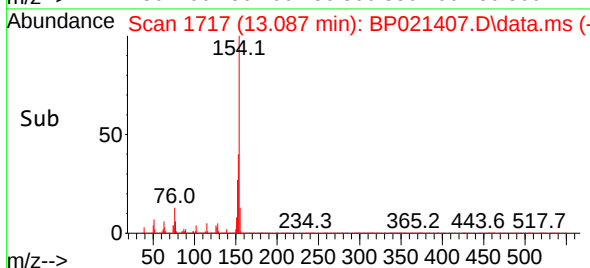
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

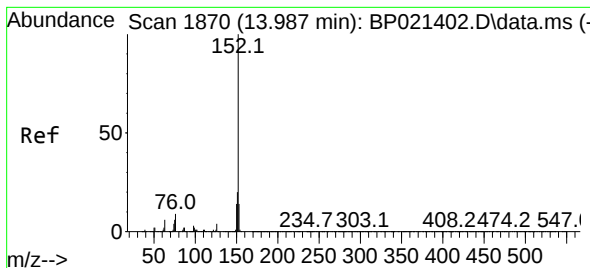


#43
1,1'-Biphenyl
Concen: 8.236 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52



Tgt Ion:154 Resp: 288794
Ion Ratio Lower Upper
154 100
153 40.4 32.7 49.1
76 12.6 9.4 14.2





#50

Acenaphthylene

Concen: 1.636 ng/ul

RT: 13.987 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BP021407.D

Acq: 07 Aug 2024 03:52

Instrument :

BNA_P

ClientSampleId :

F7E09DL

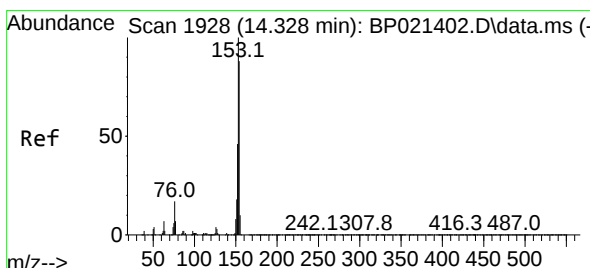
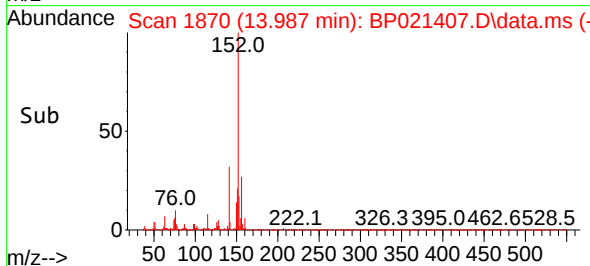
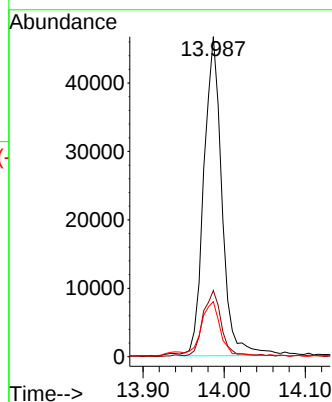
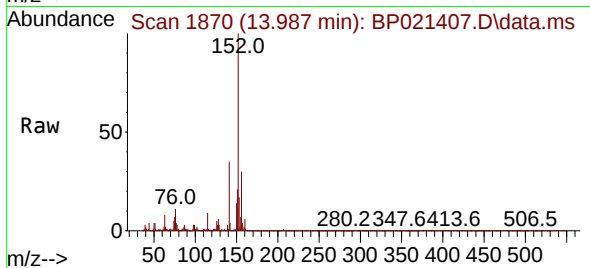
Tgt Ion:	152	Resp:	7254
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.2
153	17.2	10.3	15.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#52

Acenaphthene

Concen: 31.895 ng/ul

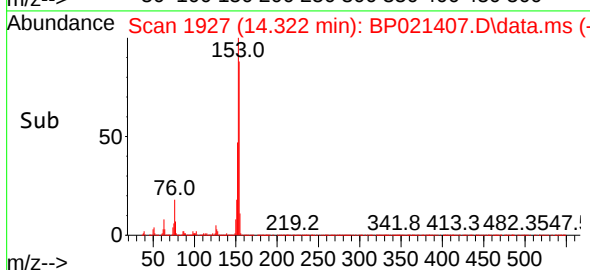
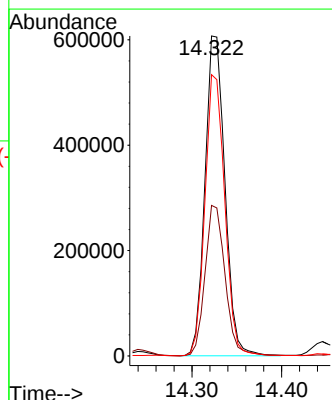
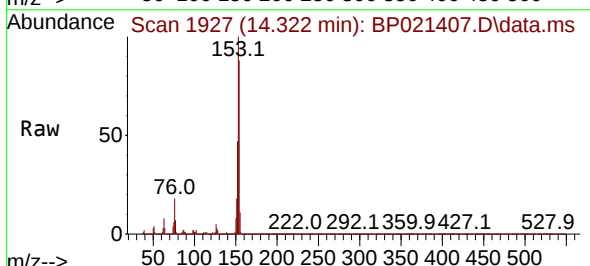
RT: 14.322 min Scan# 1927

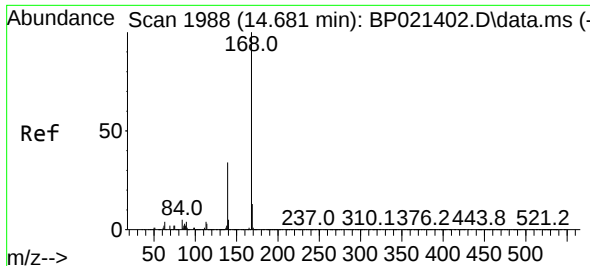
Delta R.T. -0.017 min

Lab File: BP021407.D

Acq: 07 Aug 2024 03:52

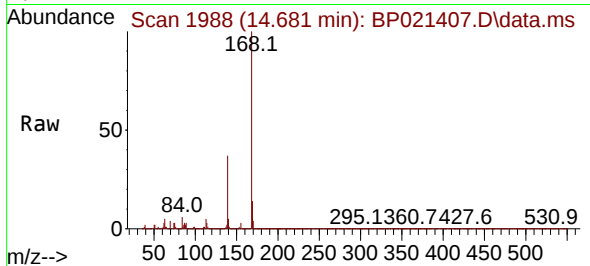
Tgt Ion:	153	Resp:	938700
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.8	56.6
154	87.9	71.8	107.6





#56
Dibenzenofuran
Concen: 25.609 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

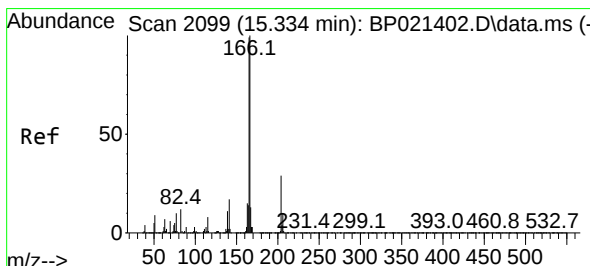
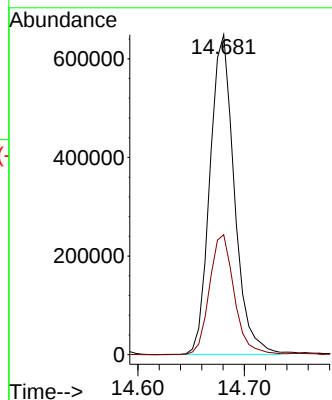
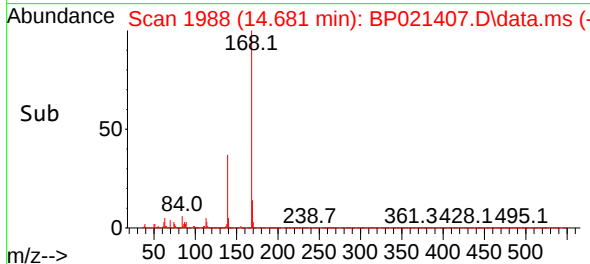
Instrument :
BNA_P
ClientSampleId :
F7E09DL



Tgt Ion:168 Resp: 1032099
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7

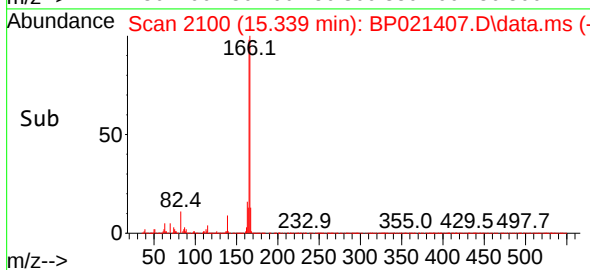
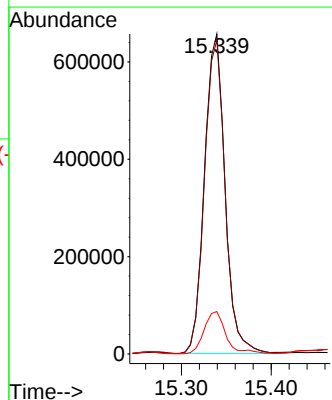
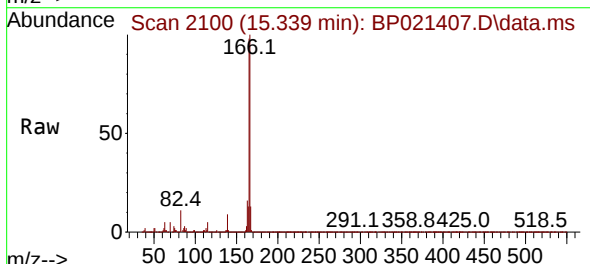
Manual Integrations
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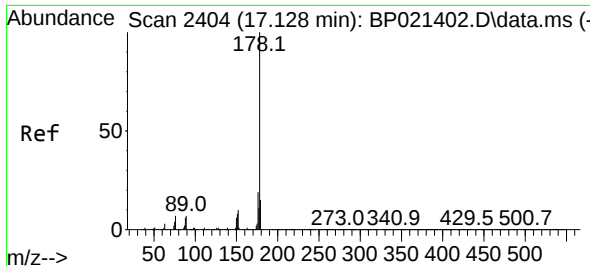
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#61
Fluorene
Concen: 31.824 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

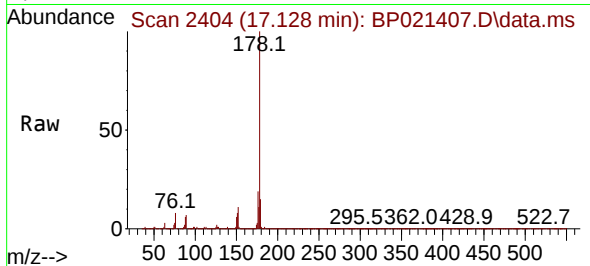
Tgt Ion:166 Resp: 1046616
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 13.3 10.9 16.3





#72
Phenanthrene
Concen: 81.355 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

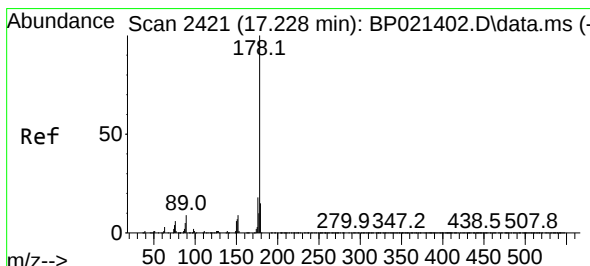
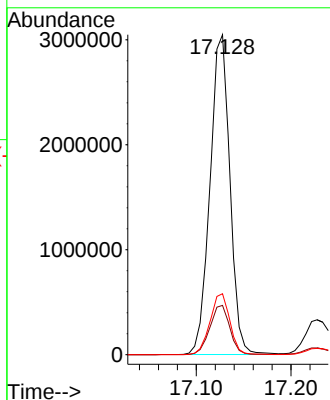
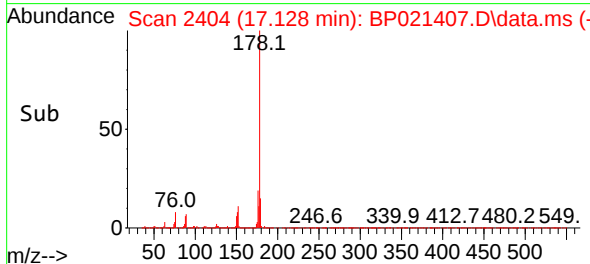
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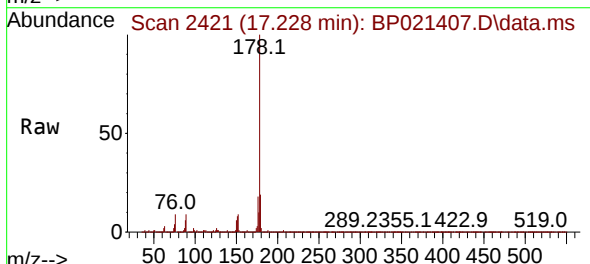
Tgt Ion:178 Resp: 443834
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.0 22.4

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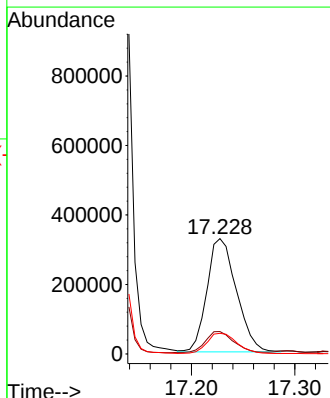
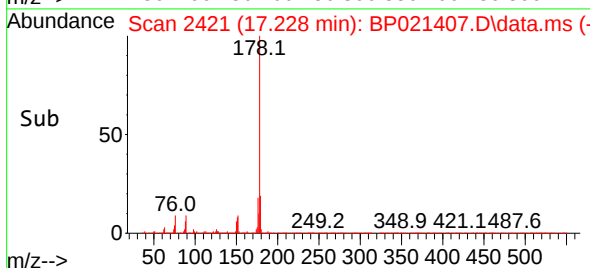
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

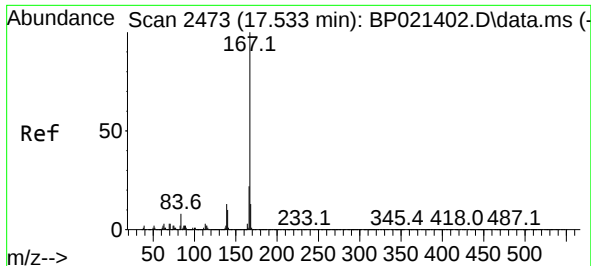


#74
Anthracene
Concen: 11.681 ng/ul m
RT: 17.228 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52



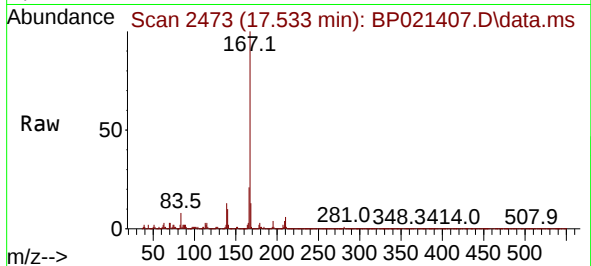
Tgt Ion:178 Resp: 649661
Ion Ratio Lower Upper
178 100
179 19.4 12.5 18.7#
176 17.9 14.8 22.2





#77
 Carbazole
 Concen: 6.784 ng/ul
 RT: 17.533 min Scan# 2473
 Delta R.T. 0.012 min
 Lab File: BP021407.D
 Acq: 07 Aug 2024 03:52

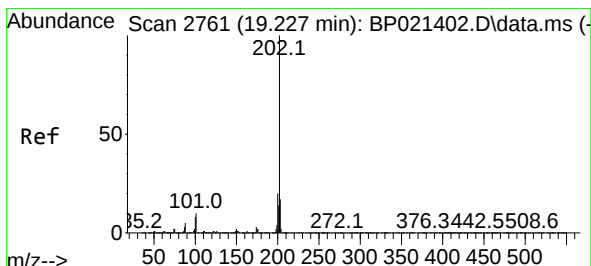
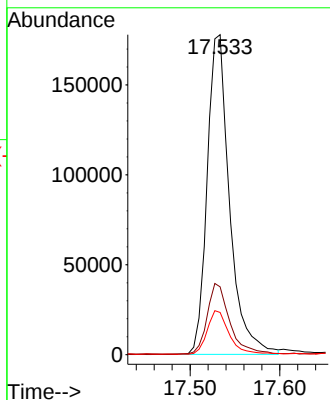
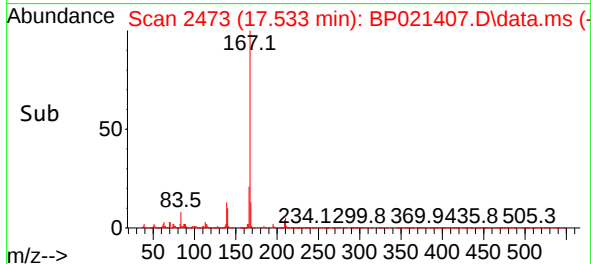
Instrument :
 BNA_P
 ClientSampleId :
 F7E09DL



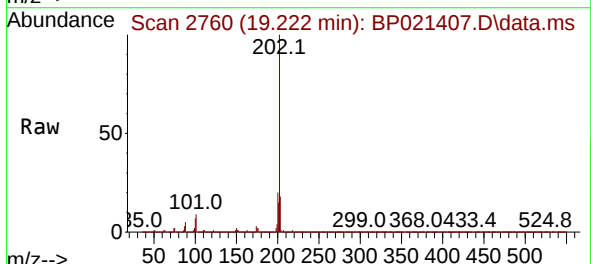
Tgt Ion:167 Resp: 308444
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.2 10.2 15.2

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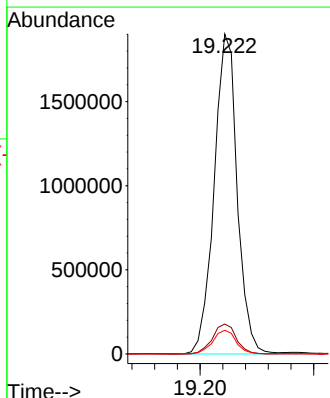
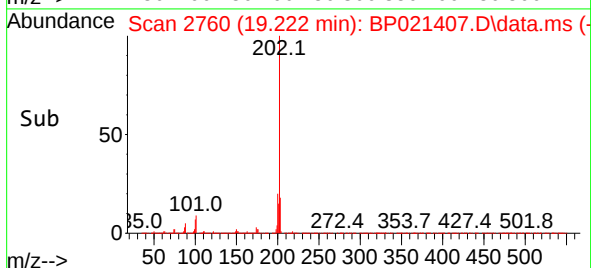
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

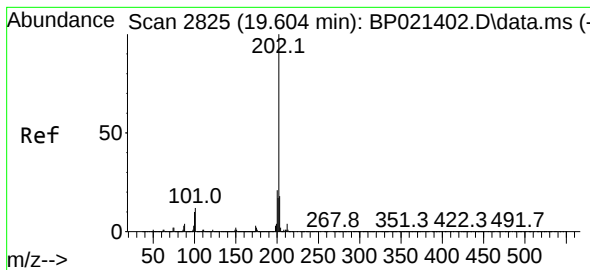


#80
 Fluoranthene
 Concen: 32.175 ng/ul
 RT: 19.222 min Scan# 2760
 Delta R.T. -0.011 min
 Lab File: BP021407.D
 Acq: 07 Aug 2024 03:52



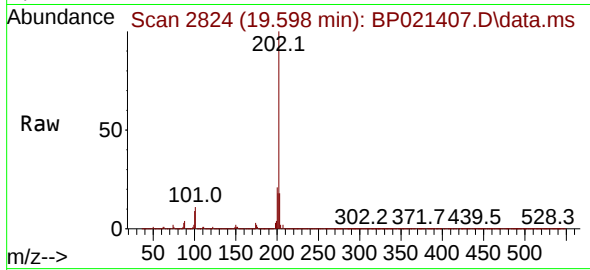
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 Ion Ratio Lower Upper
 202 100
 101 9.4 8.0 12.0
 100 7.4 6.1 9.1





#82
Pyrene
Concen: 20.910 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.011 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

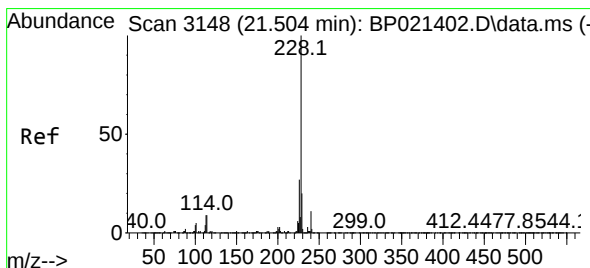
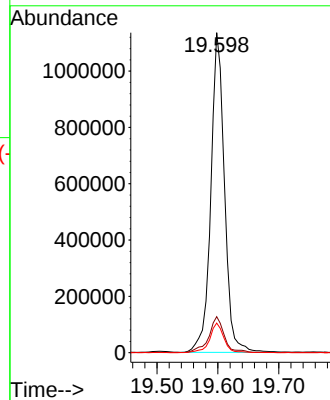
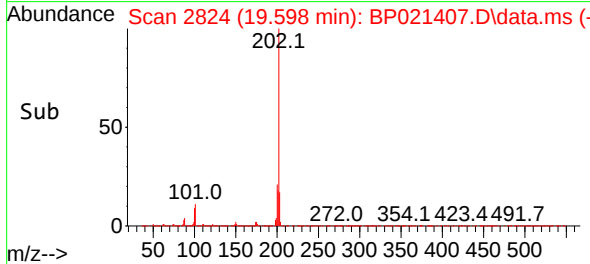
Instrument :
BNA_P
ClientSampleId :
F7E09DL



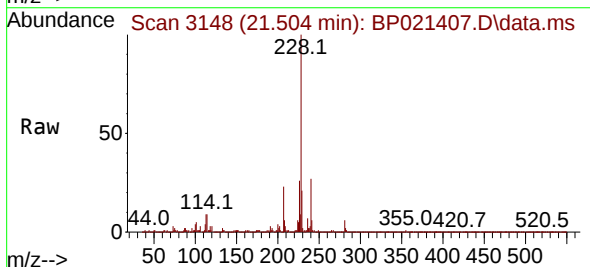
Tgt Ion:202 Resp: 1772800
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.2 7.8 11.6

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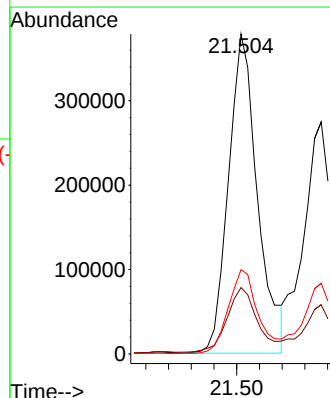
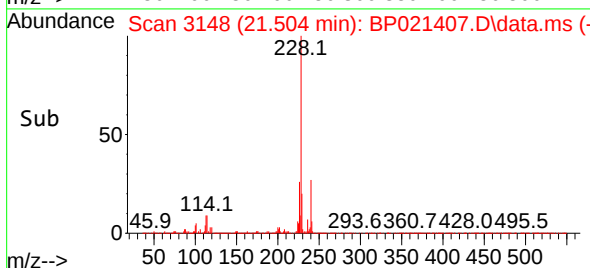
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

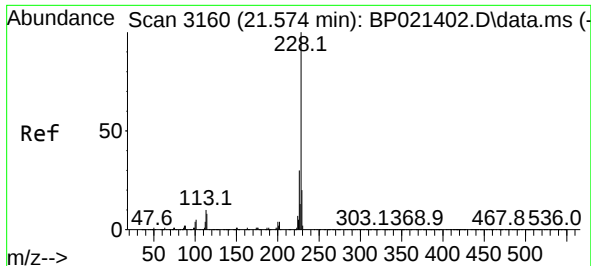


#85
Benzo(a)anthracene
Concen: 8.579 ng/ul
RT: 21.504 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52



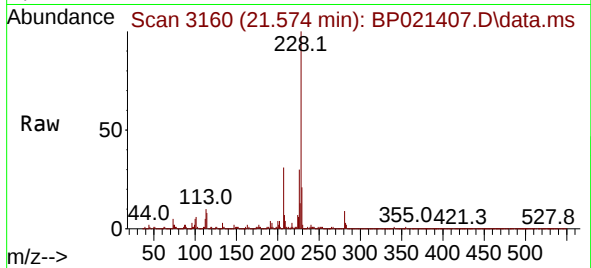
Tgt Ion:228 Resp: 670619
Ion Ratio Lower Upper
228 100
229 20.8 15.5 23.3
226 26.3 21.4 32.2





#87
Chrysene
Concen: 6.773 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

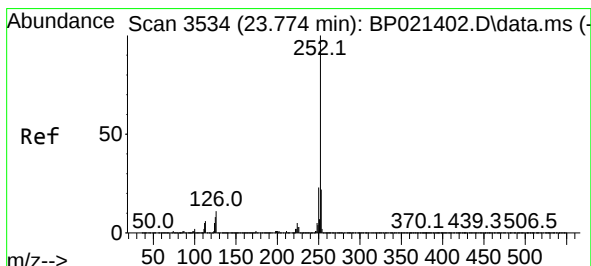
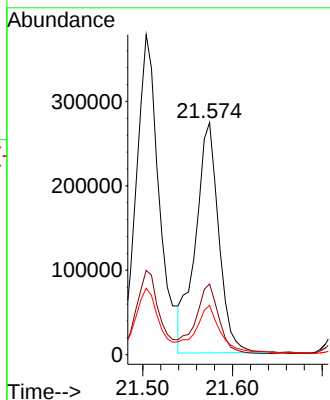
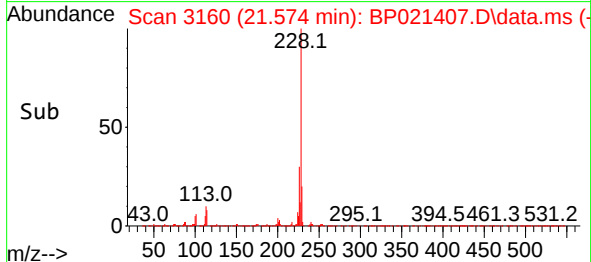
Instrument :
BNA_P
ClientSampleId :
F7E09DL



Tgt Ion:228 Resp: 49198
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.2 15.5 23.3

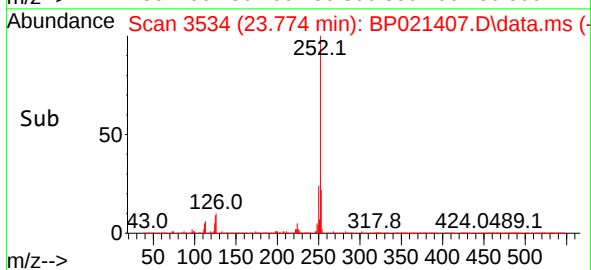
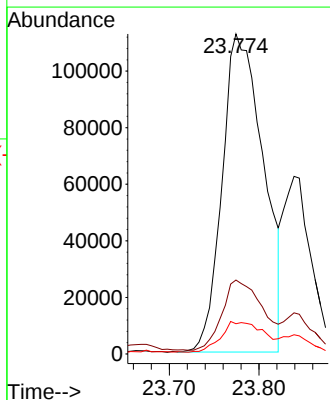
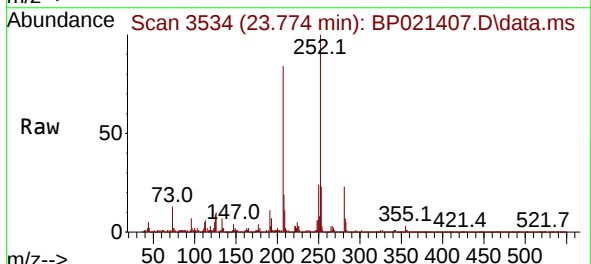
Manual Integrations
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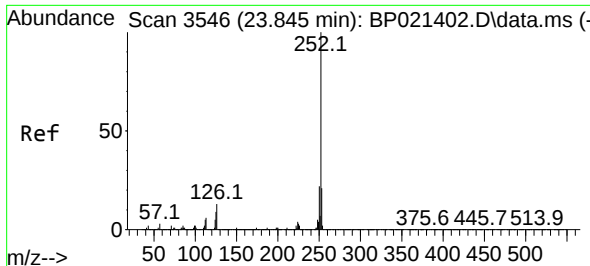
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#90
Benzo(b)fluoranthene
Concen: 4.534 ng/ul
RT: 23.774 min Scan# 3534
Delta R.T. -0.011 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

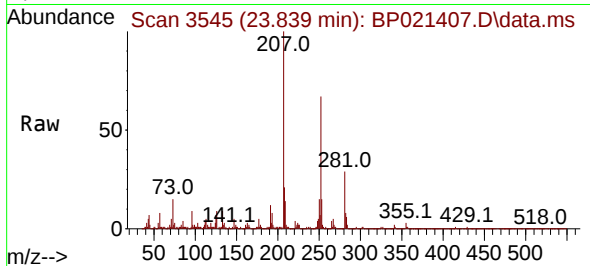
Tgt Ion:252 Resp: 359167
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 9.5 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 1.651 ng/ul
RT: 23.839 min Scan# 3546
Delta R.T. -0.011 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

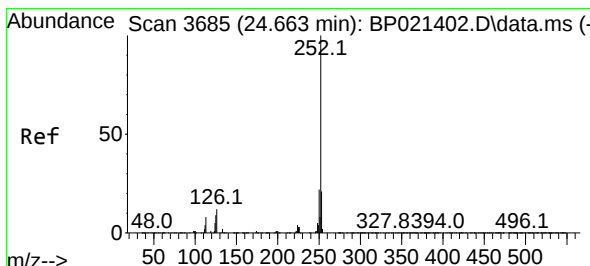
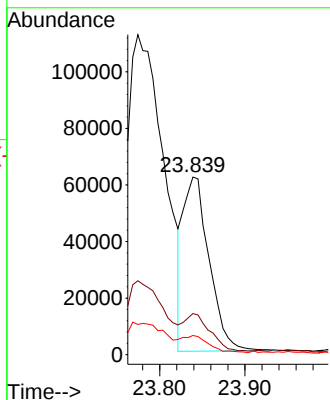
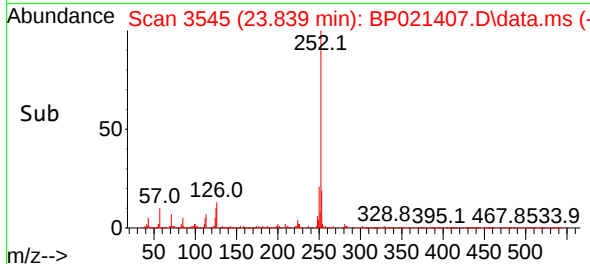
Instrument :
BNA_P
ClientSampleId :
F7E09DL



Tgt Ion:252 Resp: 130497
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.8 7.4 11.0

Manual Integrations
APPROVED

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



#93
Benzo(a)pyrene
Concen: 2.871 ng/ul
RT: 24.651 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP021407.D
Acq: 07 Aug 2024 03:52

Tgt Ion:252 Resp: 214908
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.3 7.7 11.5

