

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021474.D
 Acq On : 09 Aug 2024 17:17
 Operator : RC/JU
 Sample : P3435-14DL 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05Y6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 22:59:23 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	7.634	152	136978	20.000	ng/u1	0.03
20) Naphthalene-d8	10.375	136	606221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	411726	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	890631	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	873379	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	1073477	20.000	ng/u1	0.01
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	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.704	166	5187m	0.173	ng/u1	0.05
49) Acenaphthylene-d8	13.969	160	4798	0.143	ng/u1	0.04
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.281	176	4278	0.174	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.181	188	7893m	0.200	ng/u1	0.00
81) Pyrene-d10	19.563	212	9152	0.169	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	7998	0.151	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	704869	22.105	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	272424	12.446	ng/u1	99
37) 1-Methylnaphthalene	12.281	142	125227	5.563	ng/u1	97
43) 1,1'-Biphenyl	13.092	154	84064	2.794	ng/u1	95
52) Acenaphthene	14.322	153	435157	17.230	ng/u1	99
56) Dibenzofuran	14.675	168	438034	12.665	ng/u1	100
61) Fluorene	15.334	166	463790	16.433	ng/u1	99
72) Phenanthrene	17.116	178	2678028	57.963	ng/u1	99
74) Anthracene	17.222	178	953461	20.243	ng/u1	99
77) Carbazole	17.533	167	307133	7.977	ng/u1	98
80) Fluoranthene	19.216	202	2043650	31.340	ng/u1	99
82) Pyrene	19.592	202	1399627	21.093	ng/u1	96
85) Benzo(a)anthracene	21.498	228	592138m	9.679	ng/u1	
87) Chrysene	21.569	228	514954	9.058	ng/u1	99
90) Benzo(b)fluoranthene	23.774	252	605929	9.301	ng/u1#	97
91) Benzo(k)fluoranthene	23.821	252	214128	3.294	ng/u1	96
93) Benzo(a)pyrene	24.645	252	318021	5.166	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	222302	2.802	ng/u1	96

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

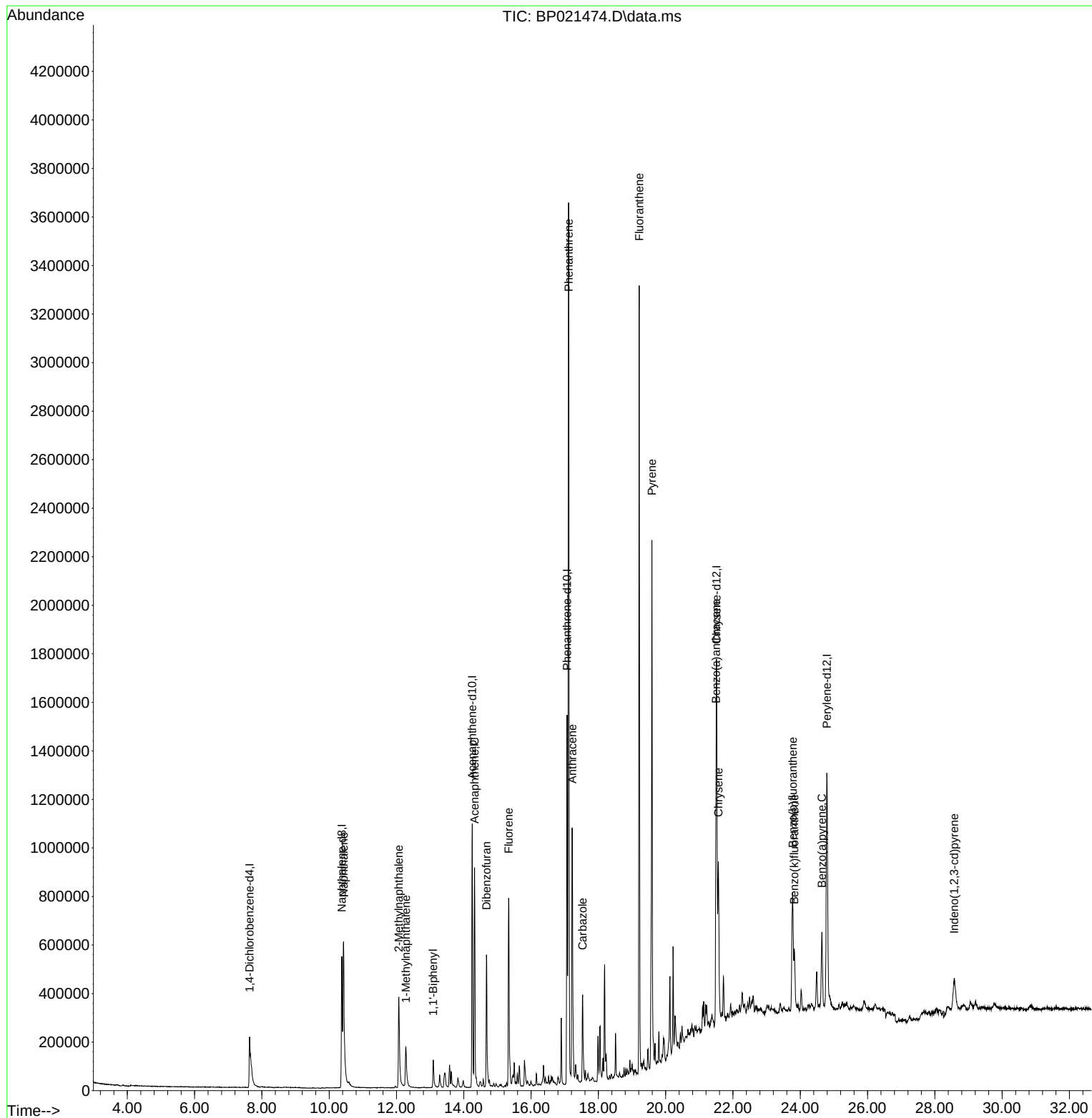
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021474.D
Acq On : 09 Aug 2024 17:17
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Sample : P3435-14DL 100X
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ALS Vial : 13 Sample Multiplier: 1

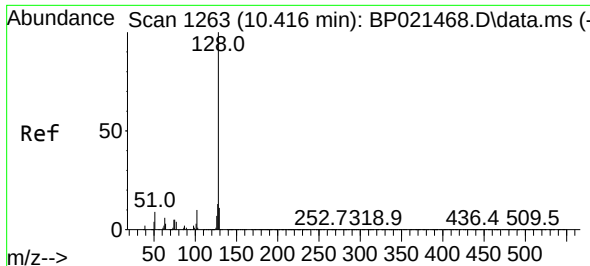
Instrument :
BNA_P
ClientSampleId :
E05Y6DL

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Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

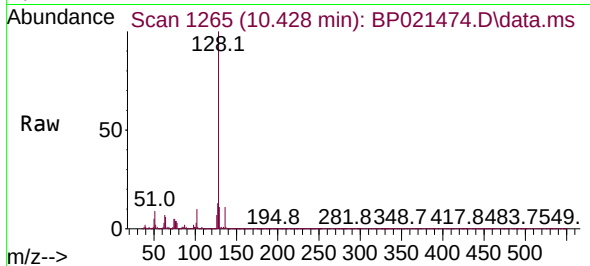
Quant Time: Aug 09 22:59:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 22.105 ng/ul
RT: 10.428 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

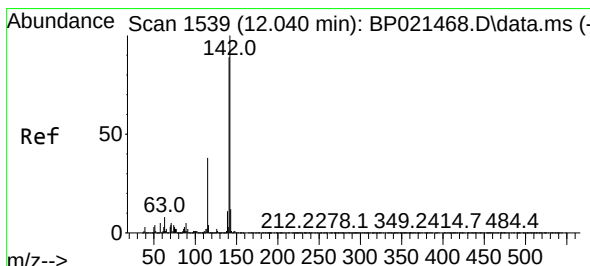
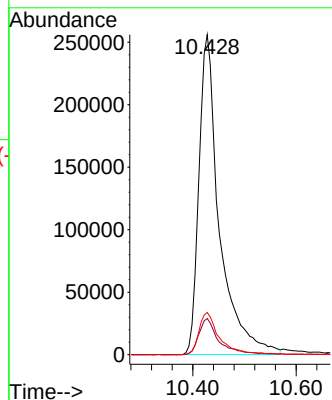
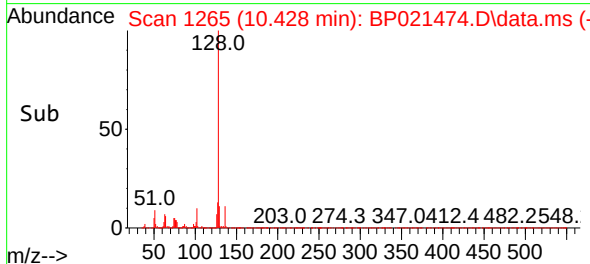
Instrument :
BNA_P
ClientSampleId :
E05Y6DL



Tgt Ion:128 Resp: 704869
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.8 16.2

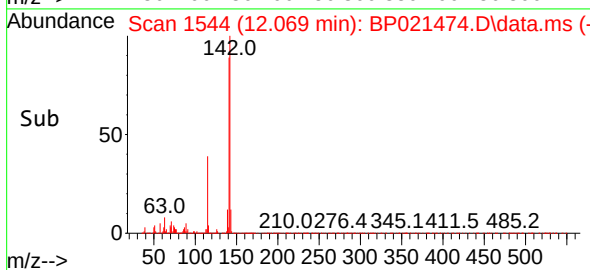
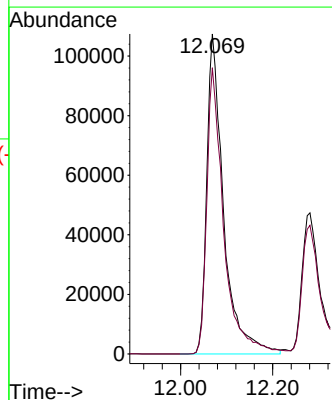
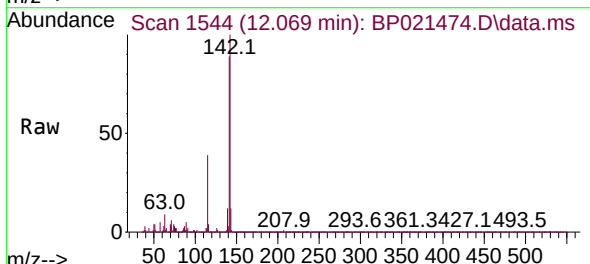
Manual Integrations
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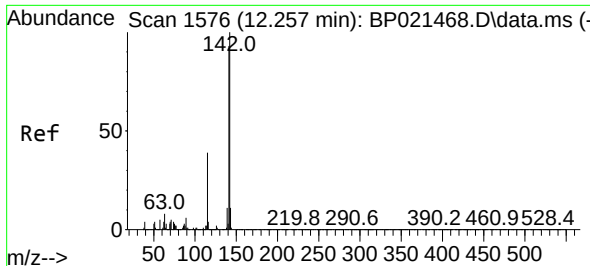
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#36
2-Methylnaphthalene
Concen: 12.446 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. 0.029 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

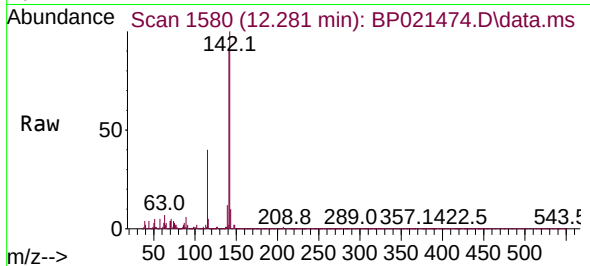
Tgt Ion:142 Resp: 272424
Ion Ratio Lower Upper
142 100
141 89.5 72.6 108.8





#37
1-Methylnaphthalene
Concen: 5.563 ng/ul
RT: 12.281 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

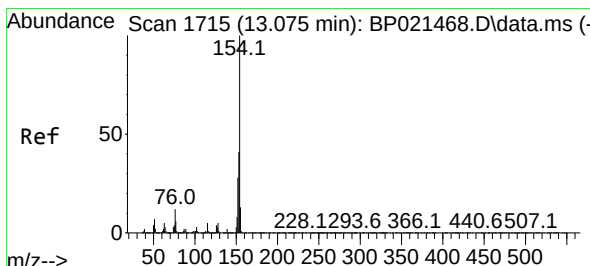
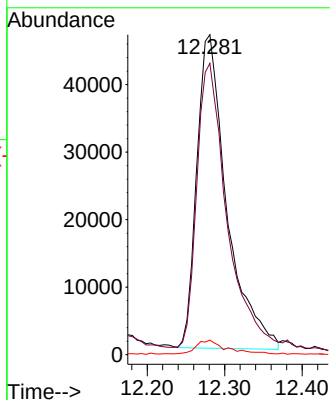
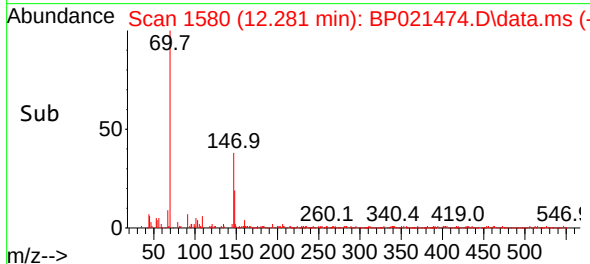
Instrument :
BNA_P
ClientSampleId :
E05Y6DL



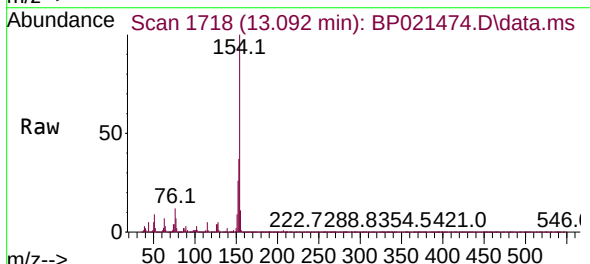
Tgt Ion:142 Resp: 12522
Ion Ratio Lower Upper
142 100
141 91.1 75.0 112.6
116 4.5 3.2 4.8

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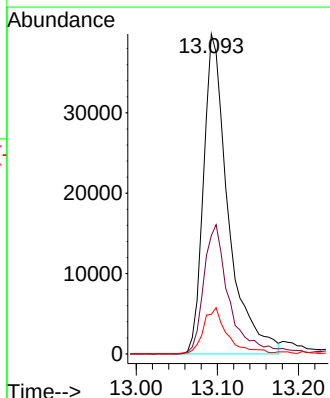
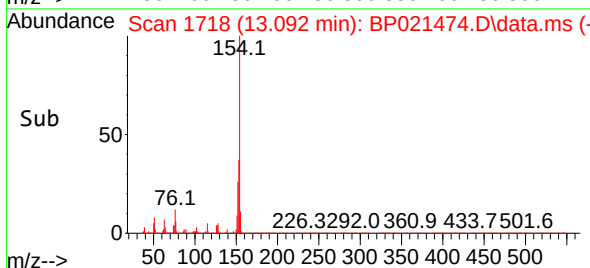
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

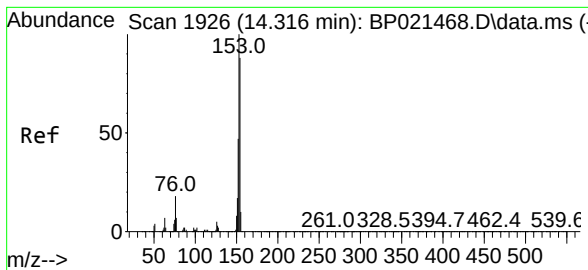


#43
1,1'-Biphenyl
Concen: 2.794 ng/ul
RT: 13.092 min Scan# 1718
Delta R.T. 0.035 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17



Tgt Ion:154 Resp: 84064
Ion Ratio Lower Upper
154 100
153 37.0 32.7 49.1
76 12.4 9.4 14.2





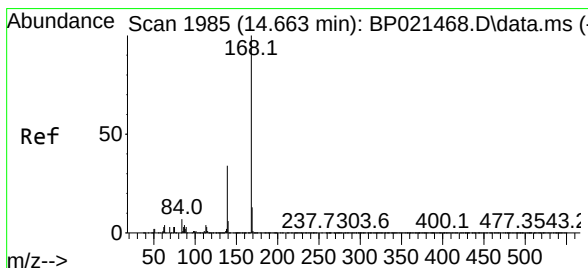
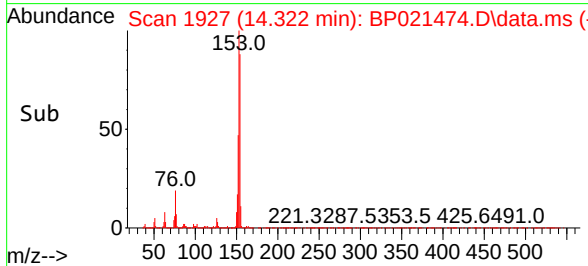
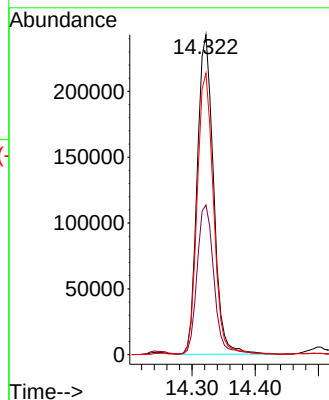
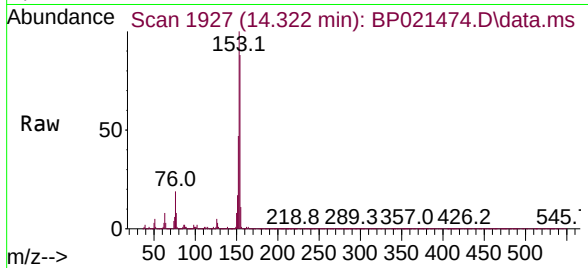
#52
Acenaphthene
Concen: 17.230 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

Instrument :
BNA_P
ClientSampleId :
E05Y6DL

Tgt Ion:153 Resp: 43515
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 87.9 71.8 107.6

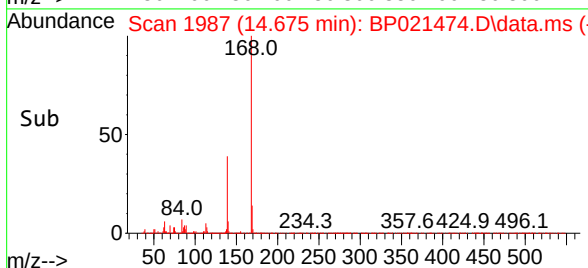
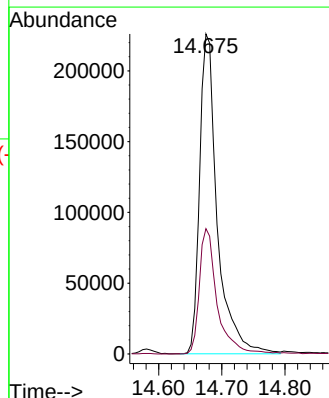
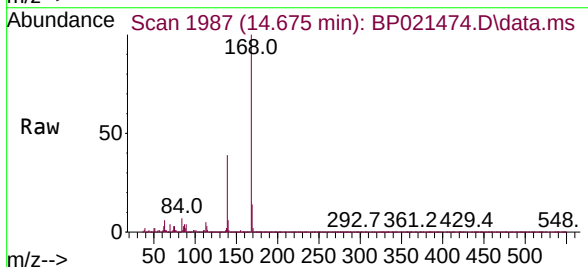
Manual Integrations
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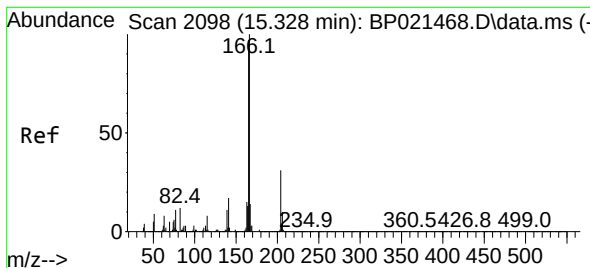
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#56
Dibenzofuran
Concen: 12.665 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

Tgt Ion:168 Resp: 438034
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7





#61

Fluorene

Concen: 16.433 ng/u1

RT: 15.334 min Scan# 2098

Delta R.T. 0.018 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

Instrument :

BNA_P

ClientSampleId :

E05Y6DL

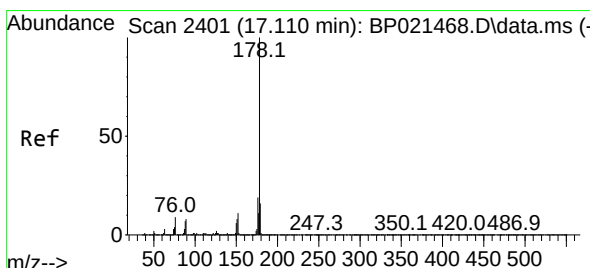
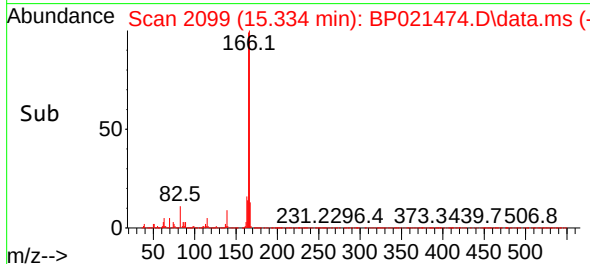
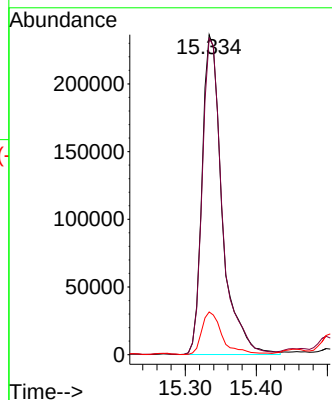
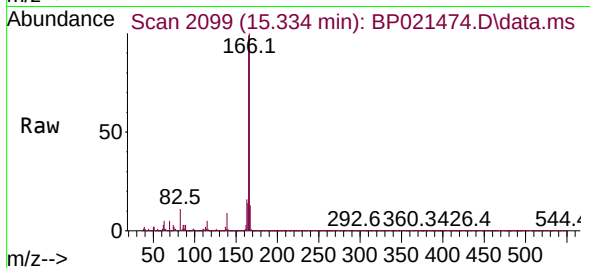
Tgt Ion:	166	Resp:	463790
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.1	117.1
167	13.4	10.9	16.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#72

Phenanthrene

Concen: 57.963 ng/u1

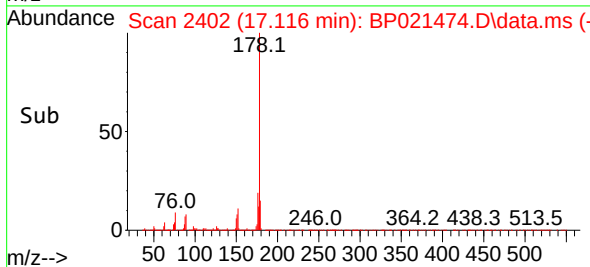
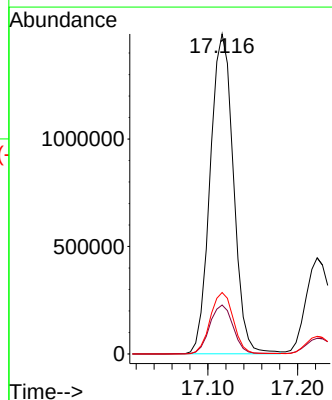
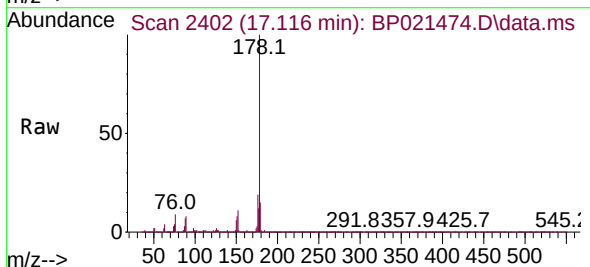
RT: 17.116 min Scan# 2402

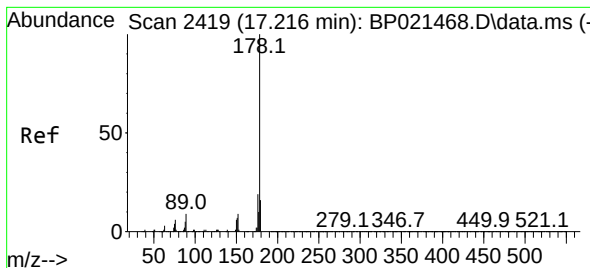
Delta R.T. -0.000 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

Tgt Ion:	178	Resp:	2678028
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.2	15.0	22.4





#74

Anthracene

Concen: 20.243 ng/ul

RT: 17.222 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

Instrument :

BNA_P

ClientSampleId :

E05Y6DL

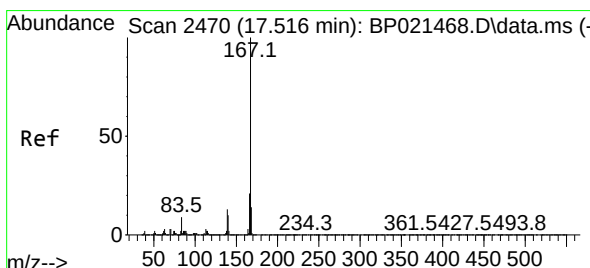
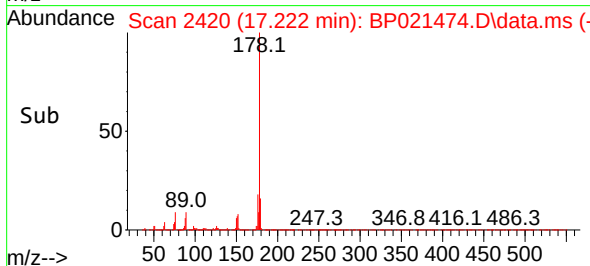
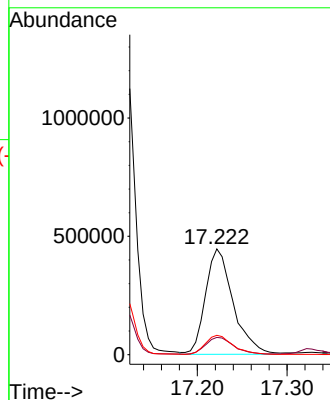
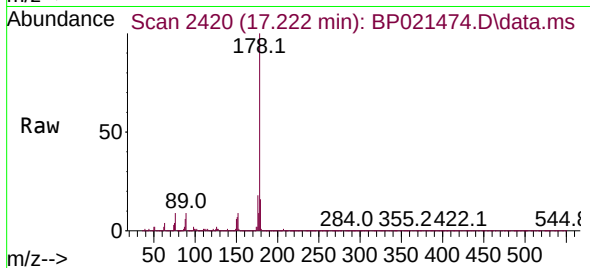
Tgt Ion:178	Resp: 95346
Ion Ratio	Lower Upper
178 100	
179 16.3	12.5 18.7
176 18.3	14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 08/12/2024



#77

Carbazole

Concen: 7.977 ng/ul

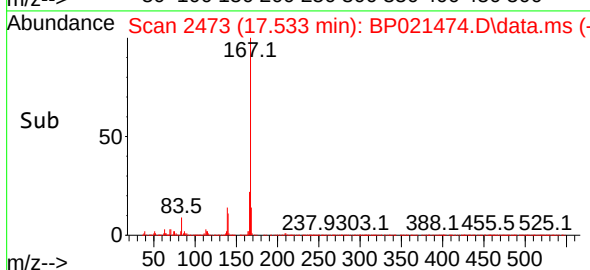
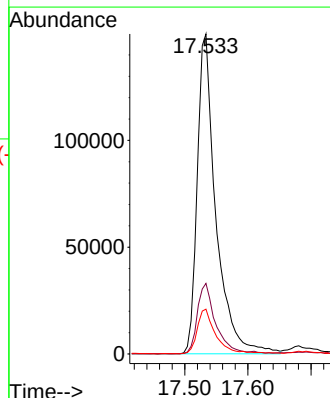
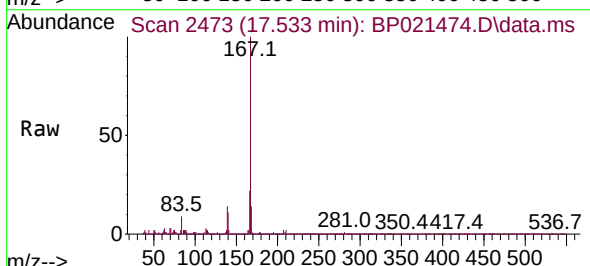
RT: 17.533 min Scan# 2473

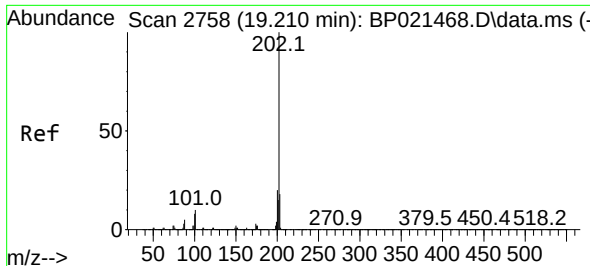
Delta R.T. 0.018 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

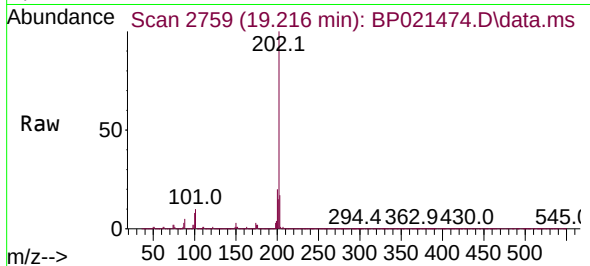
Tgt Ion:167	Resp: 307133
Ion Ratio	Lower Upper
167 100	
166 22.1	17.3 25.9
139 14.0	10.2 15.2





#80
Fluoranthene
Concen: 31.340 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

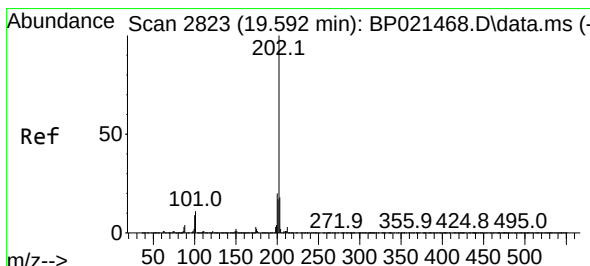
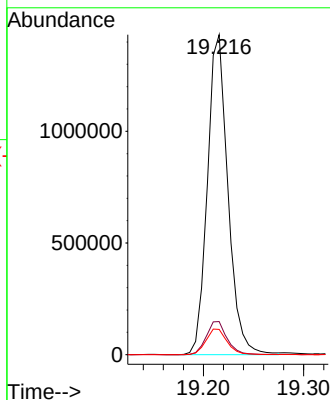
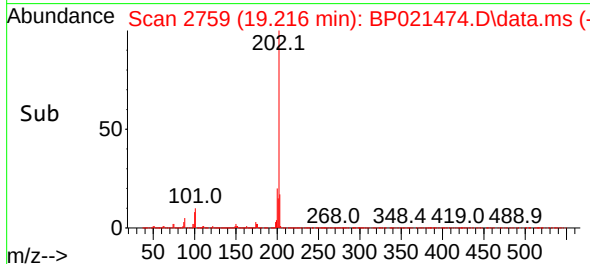
Instrument :
BNA_P
ClientSampleId :
E05Y6DL



Tgt Ion:202 Resp: 2043650
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 7.9 6.1 9.1

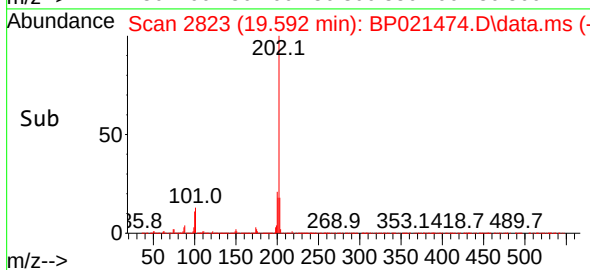
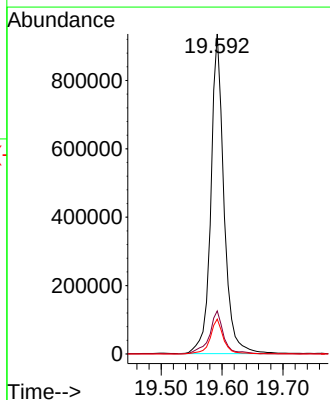
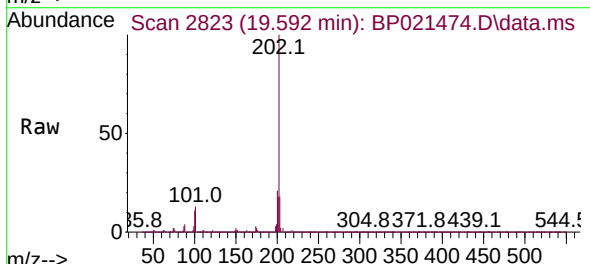
Manual Integrations
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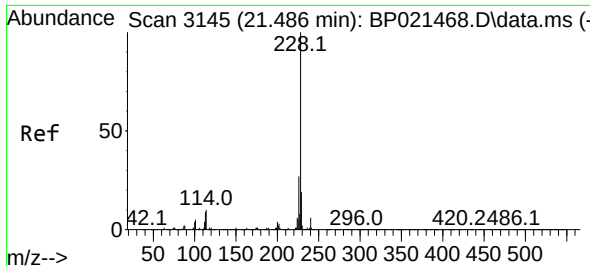
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 21.093 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

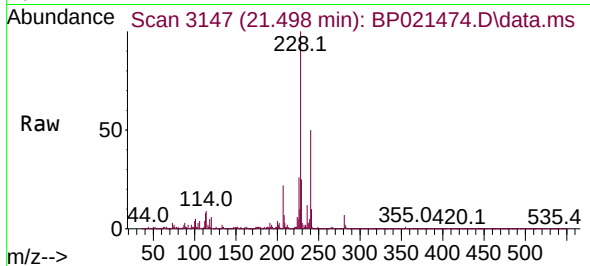
Tgt Ion:202 Resp: 1399627
Ion Ratio Lower Upper
202 100
101 13.4 9.4 14.2
100 10.9 7.8 11.6





#85
Benzo(a)anthracene
Concen: 9.679 ng/ul m
RT: 21.498 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

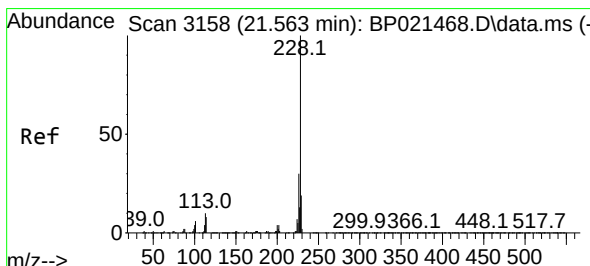
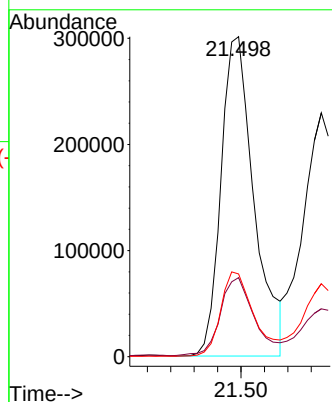
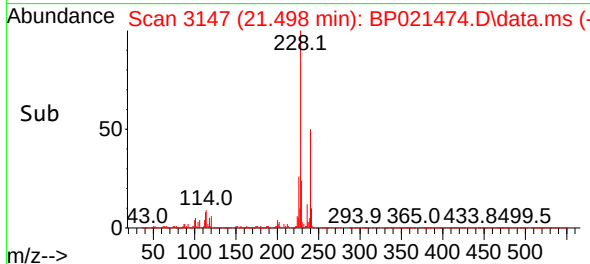
Instrument :
BNA_P
ClientSampleId :
E05Y6DL



Tgt Ion:228 Resp: 592138
Ion Ratio Lower Upper
228 100
229 24.7 15.5 23.3
226 25.9 21.4 32.2

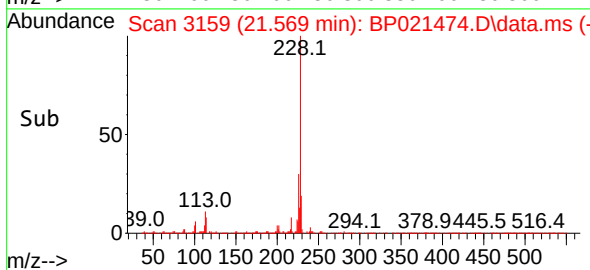
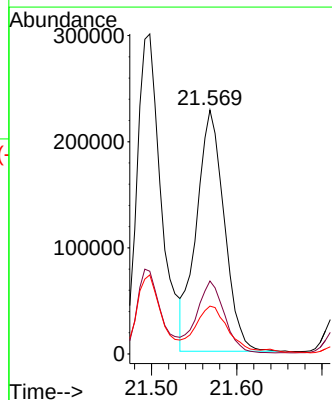
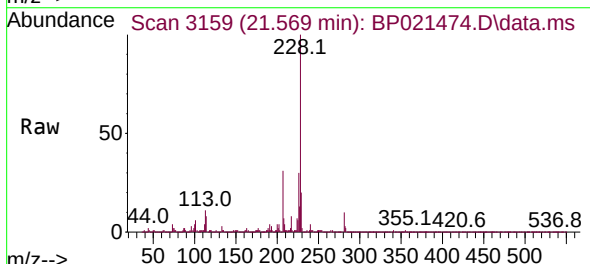
Manual Integrations
APPROVED

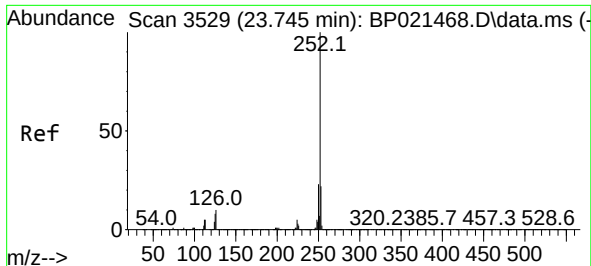
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#87
Chrysene
Concen: 9.058 ng/ul
RT: 21.569 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

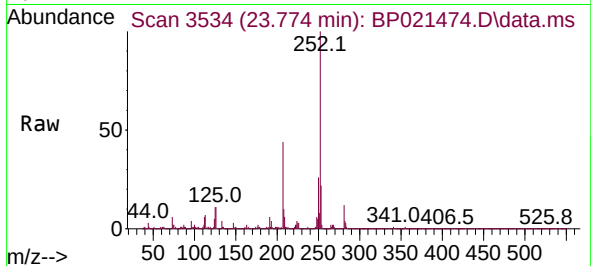
Tgt Ion:228 Resp: 514954
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 19.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.301 ng/u1
RT: 23.774 min Scan# 3534
Delta R.T. 0.023 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17

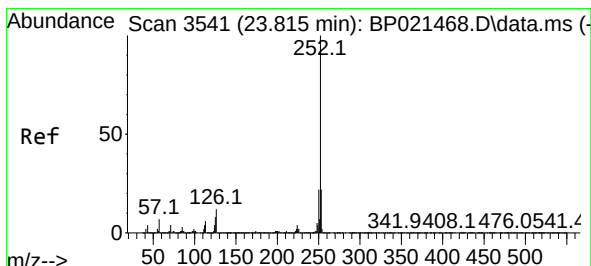
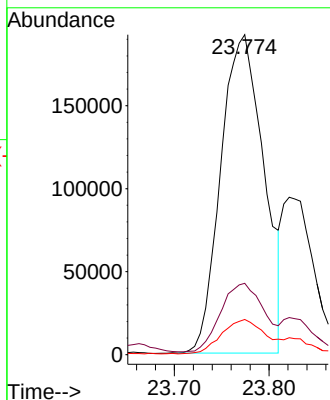
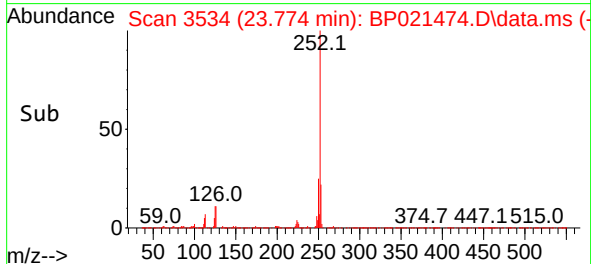
Instrument :
BNA_P
ClientSampleId :
E05Y6DL



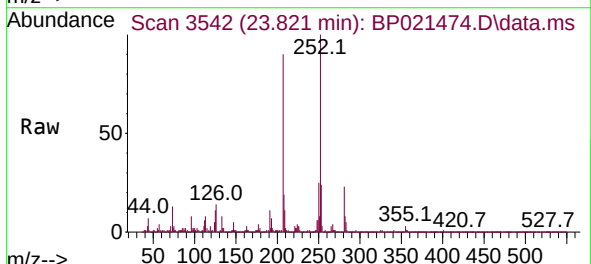
Tgt Ion:252 Resp: 605929
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.0 7.0 10.4

Manual Integrations
APPROVED

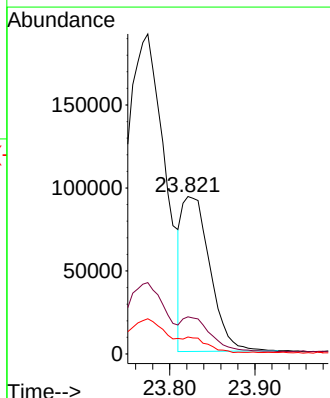
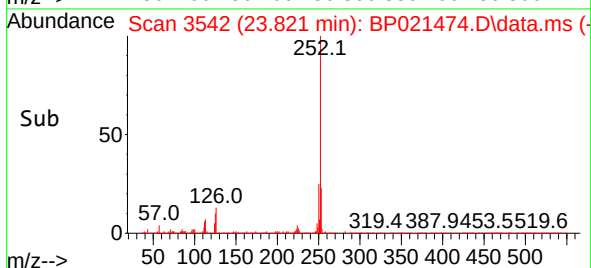
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

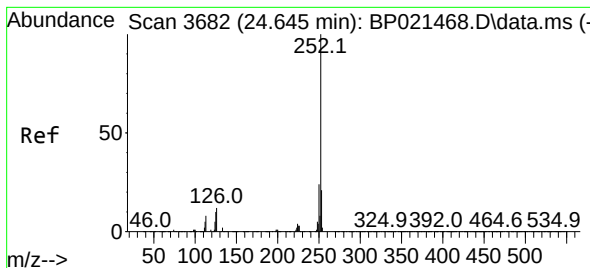


#91
Benzo(k)fluoranthene
Concen: 3.294 ng/u1
RT: 23.821 min Scan# 3542
Delta R.T. 0.012 min
Lab File: BP021474.D
Acq: 09 Aug 2024 17:17



Tgt Ion:252 Resp: 214128
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 10.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 5.166 ng/ul

RT: 24.645 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

Instrument :

BNA_P

ClientSampleId :

E05Y6DL

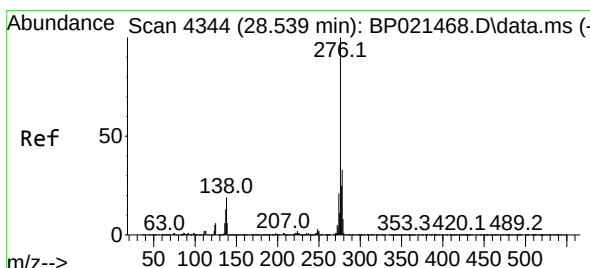
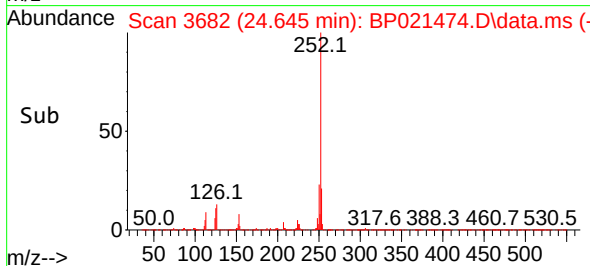
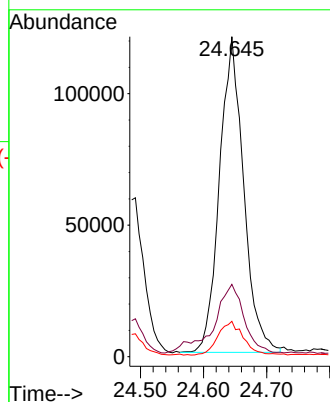
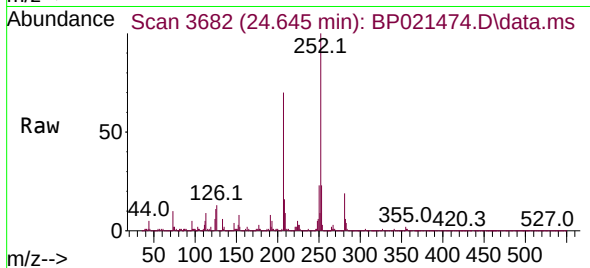
Tgt Ion:	252	Resp:	31802
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	11.0	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.802 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.053 min

Lab File: BP021474.D

Acq: 09 Aug 2024 17:17

Tgt Ion:	276	Resp:	222302
Ion Ratio	Lower	Upper	
276	100		
138	20.9	14.3	21.5
277	24.8	19.2	28.8

