

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022380.D
 Acq On : 15 Oct 2024 08:21
 Operator : RC/JU
 Sample : P4264-02DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 09:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	90199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	339348	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	268944	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	691297	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	799470	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	988400	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	362	0.156	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	8862m	1.167	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	5758	1.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	7137	1.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	7160	1.182	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	3809	1.460	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	4222	1.398	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	8234	1.282	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.716	166	33165	1.552	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	34298	1.511	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.322	176	31024	1.674	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	2606	0.573	ng/u1	0.01
73) Anthracene-d10	17.216	188	53954	1.659	ng/u1	0.01
81) Pyrene-d10	19.592	212	64102	1.516	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	59186	1.121	ng/u1	-0.04
Target Compounds						
					Qvalue	
30) Naphthalene	10.516	128	6765050	374.284	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	1550973	116.899	ng/u1	98
37) 1-Methylnaphthalene	12.334	142	736566	54.391	ng/u1	100
50) Acenaphthylene	14.028	152	56572	2.402	ng/u1#	87
52) Acenaphthene	14.387	153	1310570	78.684	ng/u1	99
61) Fluorene	15.381	166	1524963	74.805	ng/u1	98
71) Pentachlorophenol	16.769	266	45295	6.865	ng/u1	95
72) Phenanthrene	17.169	178	10935629	295.677	ng/u1	98
74) Anthracene	17.251	178	1008566	27.326	ng/u1	99
80) Fluoranthene	19.257	202	7052719	145.109	ng/u1	98
82) Pyrene	19.633	202	3905366	74.970	ng/u1	96
85) Benzo(a)anthracene	21.527	228	1343660	23.974	ng/u1	98
87) Chrysene	21.592	228	1090924	20.992	ng/u1	97
90) Benzo(b)fluoranthene	23.792	252	709289	11.400	ng/u1	99
91) Benzo(k)fluoranthene	23.851	252	289567	4.754	ng/u1	97
93) Benzo(a)pyrene	24.674	252	219326	3.830	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.551	276	102889	1.347	ng/u1	100

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

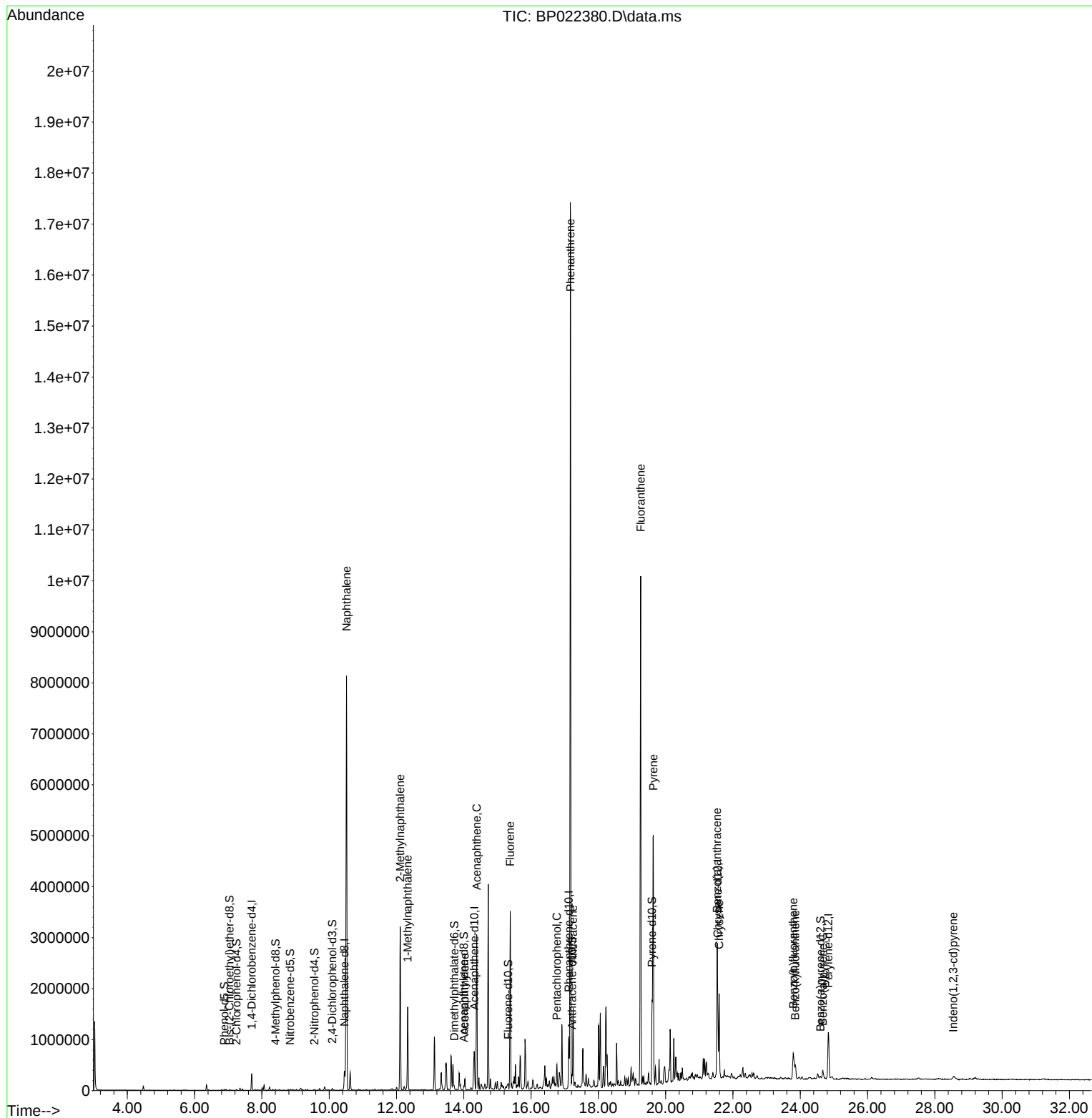
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
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Misc :
ALS Vial : 33 Sample Multiplier: 1

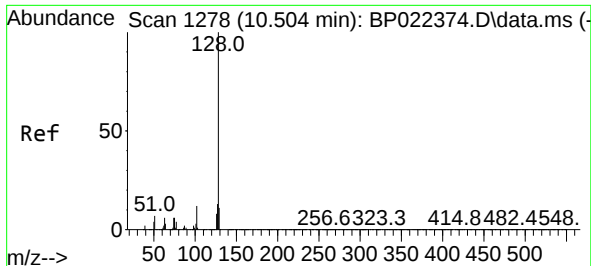
Instrument :
BNA_P
ClientSampleId :
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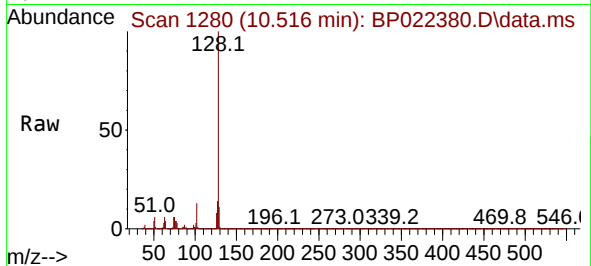
Quant Time: Oct 15 09:12:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 374.284 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.012 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

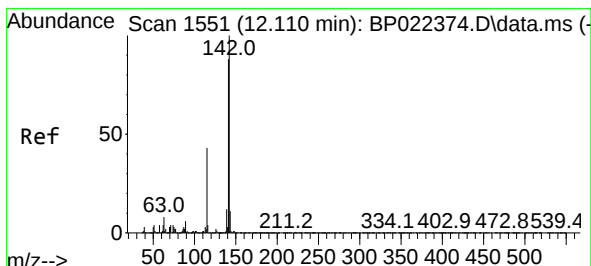
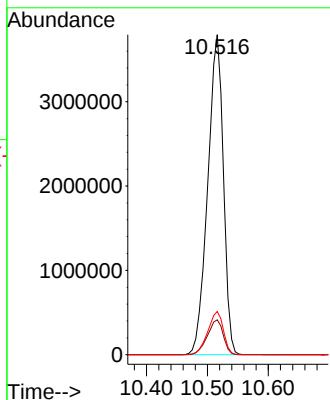
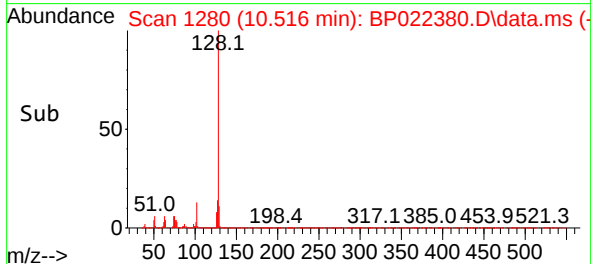
Instrument :
BNA_P
ClientSampleId :
DCYN6DL



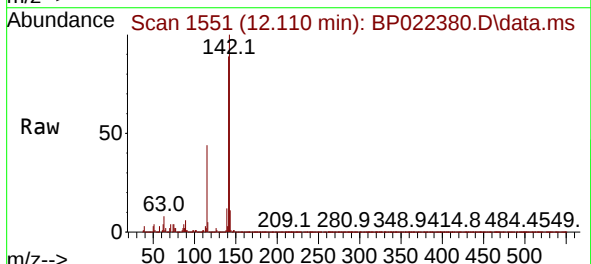
Tgt Ion:128 Resp: 6765050
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.5 9.9 14.9

Manual Integrations
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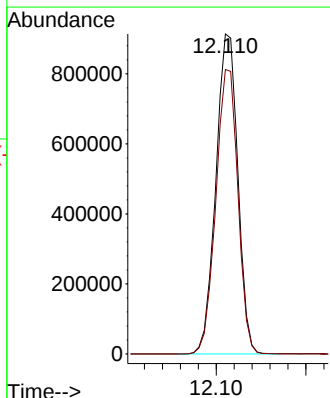
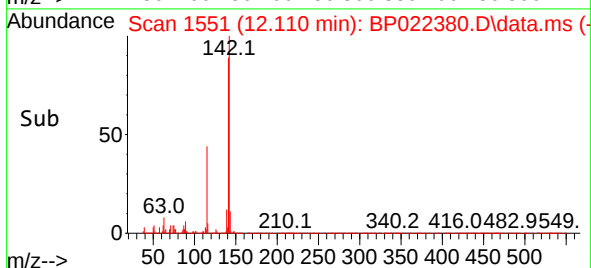
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

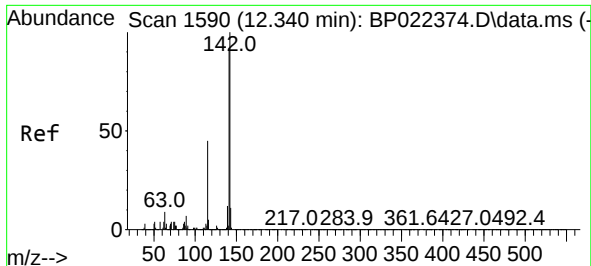


#36
2-Methylnaphthalene
Concen: 116.899 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21



Tgt Ion:142 Resp: 1550973
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6





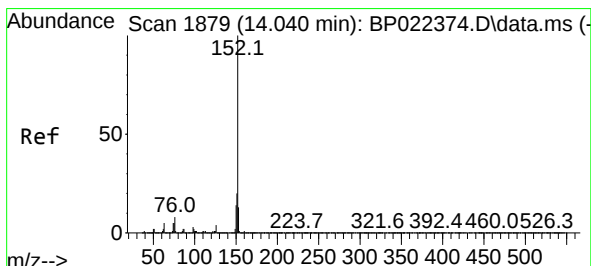
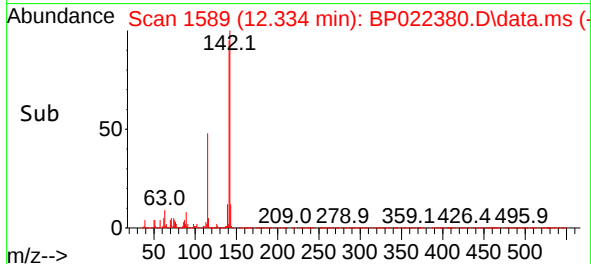
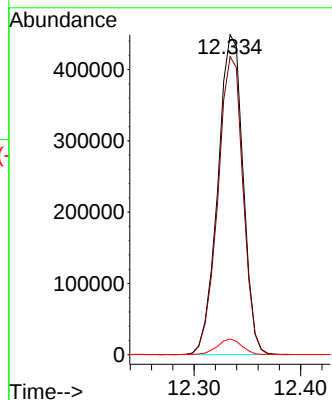
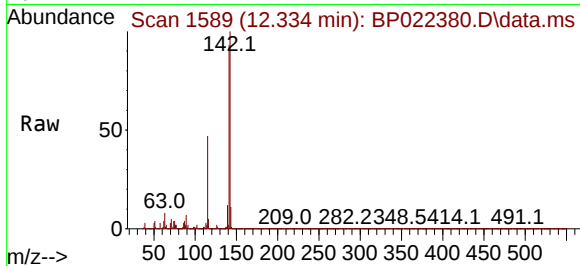
#37
1-Methylnaphthalene
Concen: 54.391 ng/ul
RT: 12.334 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

Instrument :
BNA_P
ClientSampleId :
DCYN6DL

Tgt Ion:142 Resp: 736560
Ion Ratio Lower Upper
142 100
141 93.1 74.8 112.2
116 4.9 4.1 6.1

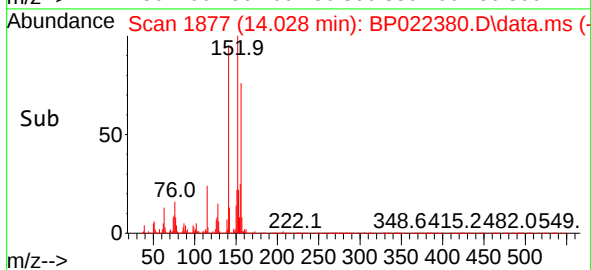
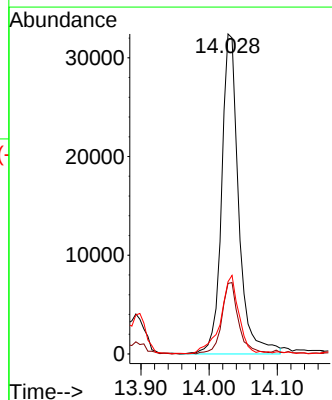
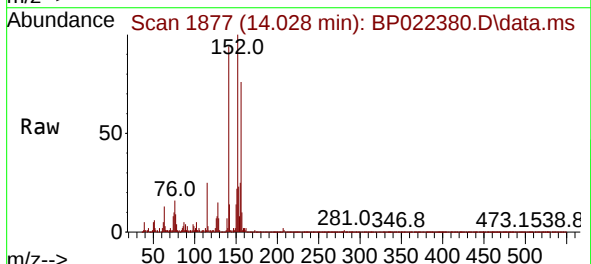
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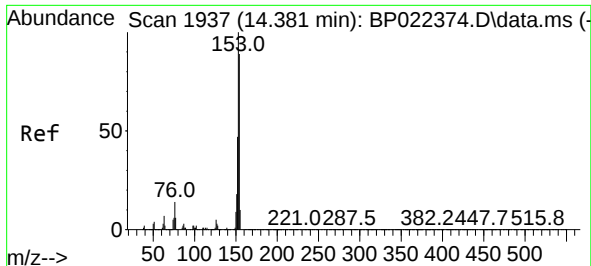
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#50
Acenaphthylene
Concen: 2.402 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

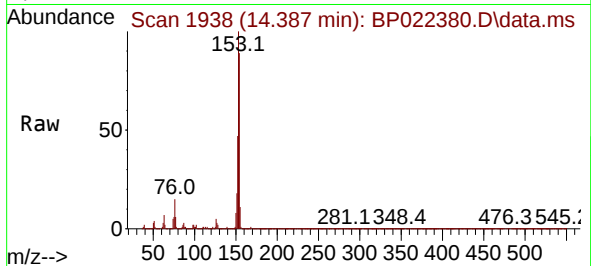
Tgt Ion:152 Resp: 56572
Ion Ratio Lower Upper
152 100
151 22.1 15.8 23.6
153 22.6 10.3 15.5#





#52
Acenaphthene
Concen: 78.684 ng/u1
RT: 14.387 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

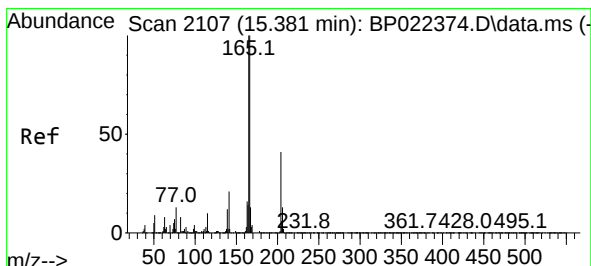
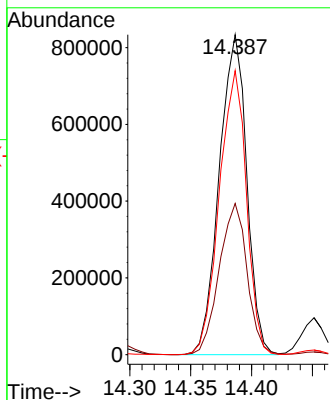
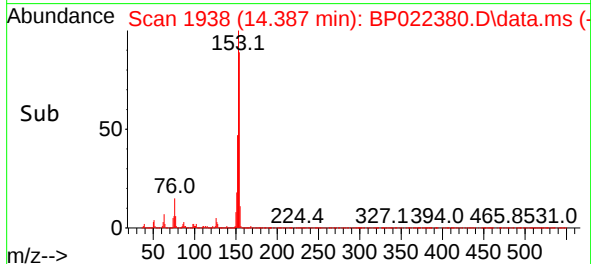
Instrument :
BNA_P
ClientSampleId :
DCYN6DL



Tgt Ion:153 Resp: 1310570
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 88.8 69.5 104.3

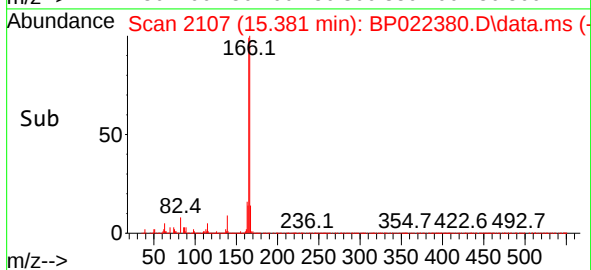
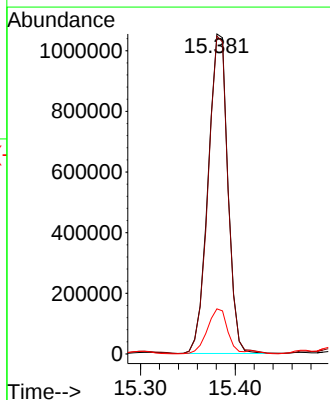
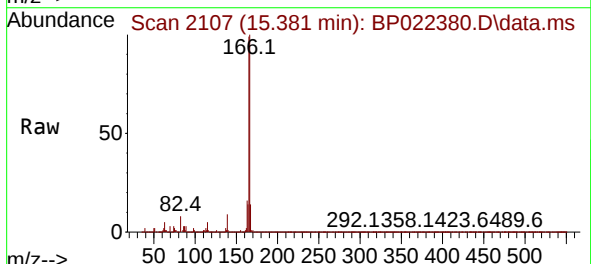
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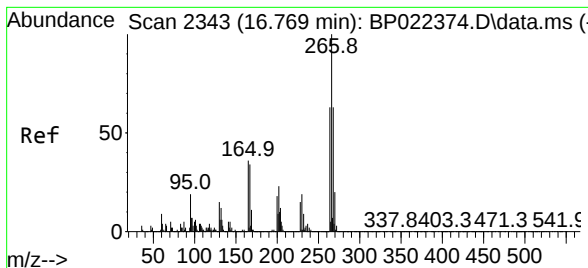
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#61
Fluorene
Concen: 74.805 ng/u1
RT: 15.381 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

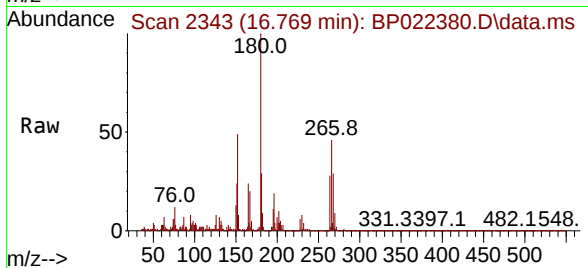
Tgt Ion:166 Resp: 1524963
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 14.1 11.1 16.7





#71
 Pentachlorophenol
 Concen: 6.865 ng/ul
 RT: 16.769 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP022380.D
 Acq: 15 Oct 2024 08:21

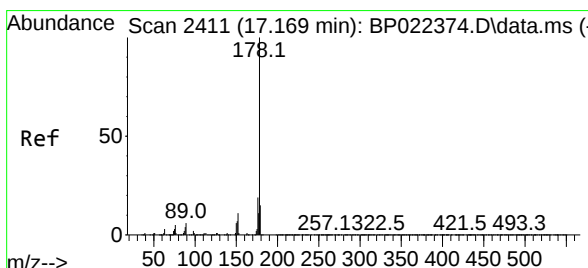
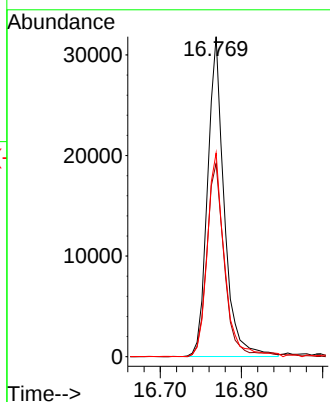
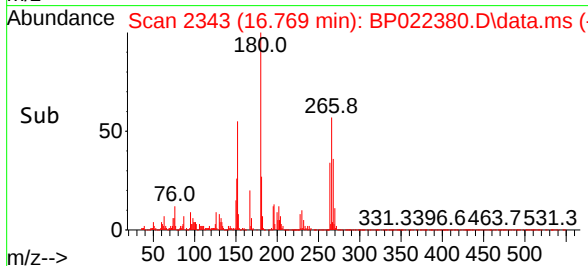
Instrument :
 BNA_P
 ClientSampleId :
 DCYN6DL



Tgt Ion:266 Resp: 4529
 Ion Ratio Lower Upper
 266 100
 264 60.4 52.4 78.6
 268 63.6 53.0 79.4

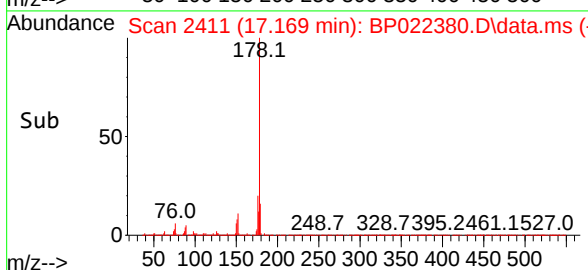
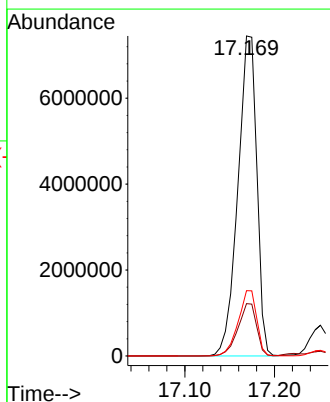
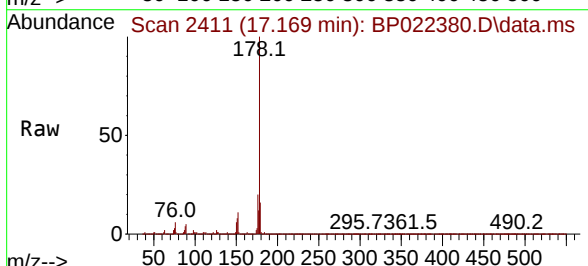
Manual Integrations
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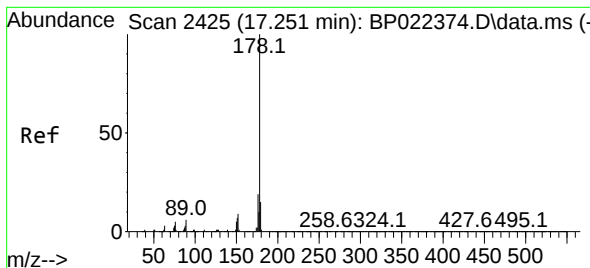
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



#72
 Phenanthrene
 Concen: 295.677 ng/ul
 RT: 17.169 min Scan# 2411
 Delta R.T. 0.018 min
 Lab File: BP022380.D
 Acq: 15 Oct 2024 08:21

Tgt Ion:178 Resp:10935629
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.2 18.4
 176 20.4 15.7 23.5





#74

Anthracene

Concen: 27.326 ng/u1

RT: 17.251 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP022380.D

Acq: 15 Oct 2024 08:21

Instrument :

BNA_P

ClientSampleId :

DCYN6DL

Tgt Ion:178 Resp: 1008560

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

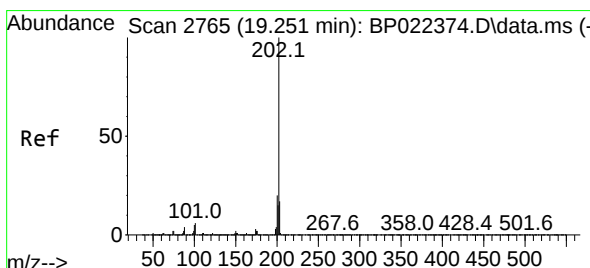
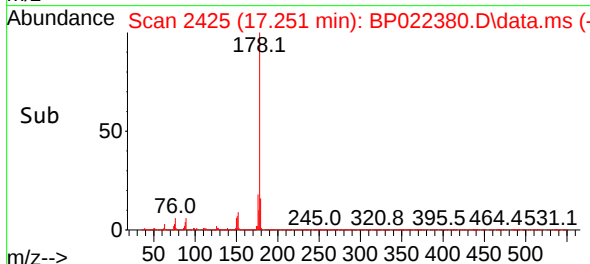
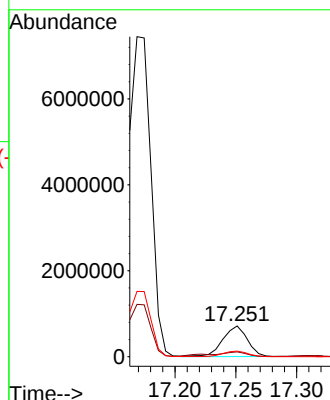
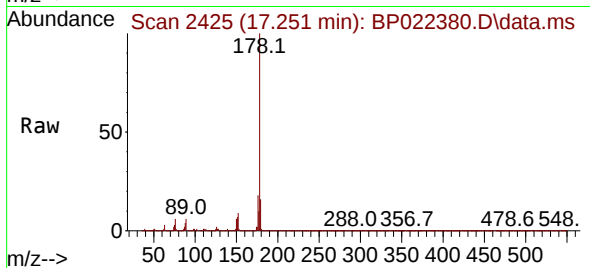
176 18.3 15.0 22.4

Manual Integrations

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#80

Fluoranthene

Concen: 145.109 ng/u1

RT: 19.257 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BP022380.D

Acq: 15 Oct 2024 08:21

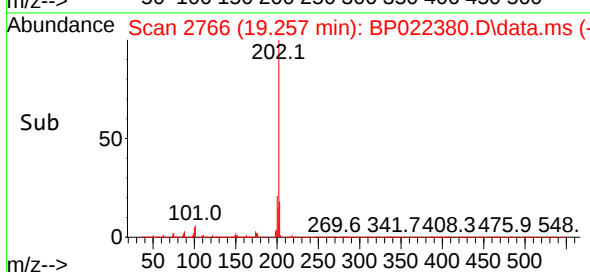
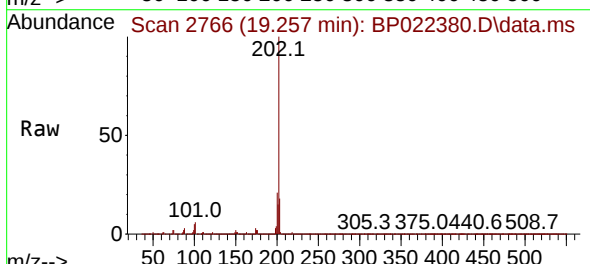
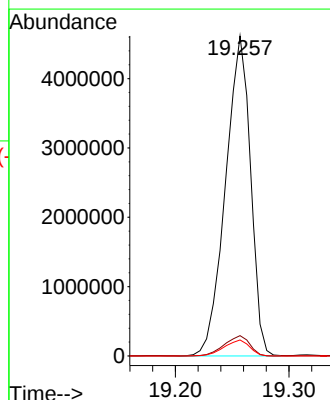
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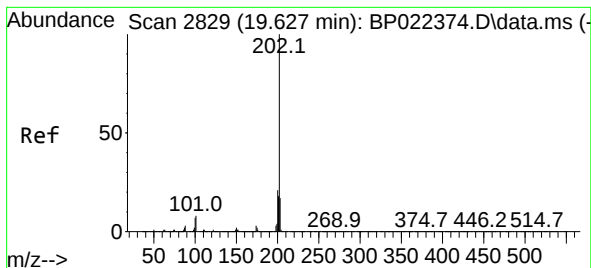
Ion Ratio Lower Upper

202 100

101 6.3 5.8 8.8

100 5.0 4.5 6.7





#82

Pyrene

Concen: 74.970 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022380.D

Acq: 15 Oct 2024 08:21

Instrument :

BNA_P

ClientSampleId :

DCYN6DL

Tgt Ion:202 Resp: 3905360

Ion Ratio Lower Upper

202 100

101 7.0 6.7 10.1

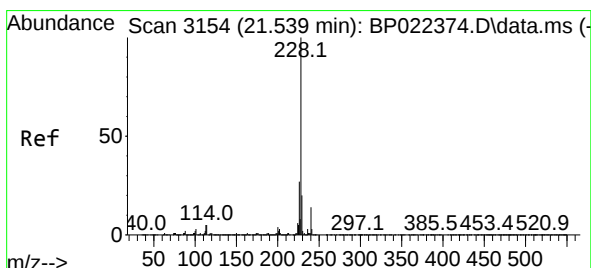
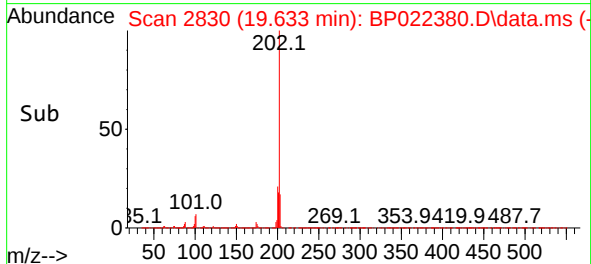
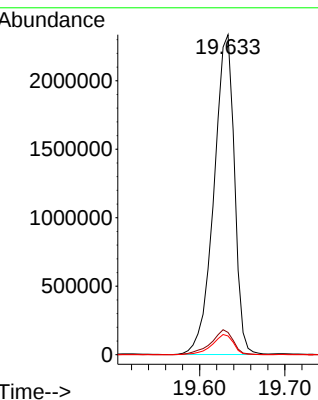
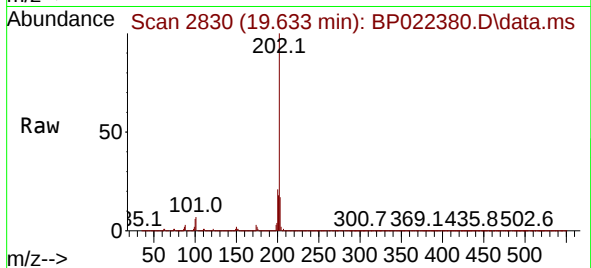
100 5.8 5.8 8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#85

Benzo(a)anthracene

Concen: 23.974 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP022380.D

Acq: 15 Oct 2024 08:21

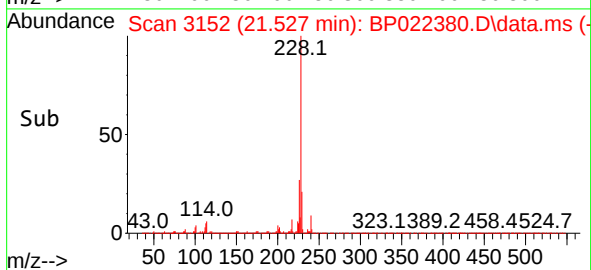
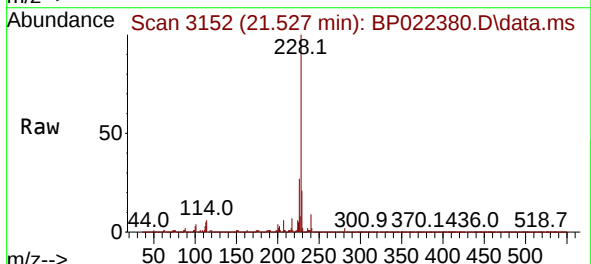
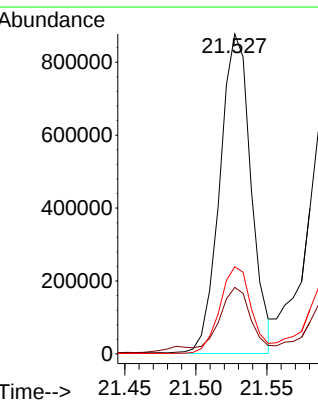
Tgt Ion:228 Resp: 1343660

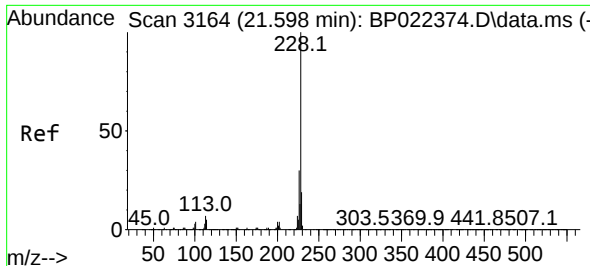
Ion Ratio Lower Upper

228 100

229 20.8 15.4 23.0

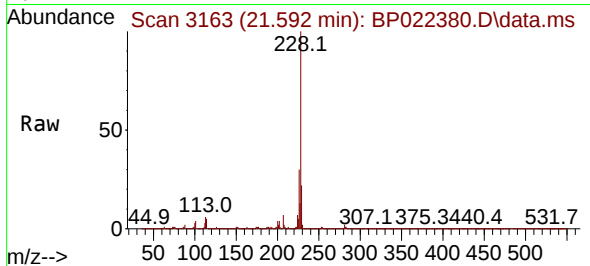
226 27.3 21.5 32.3





#87
Chrysene
Concen: 20.992 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

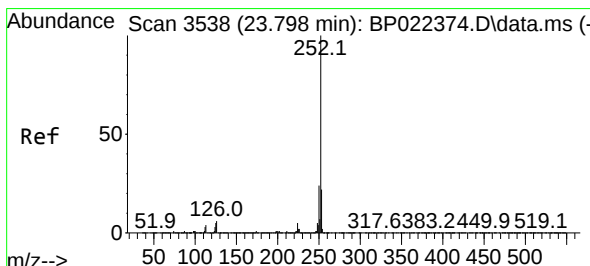
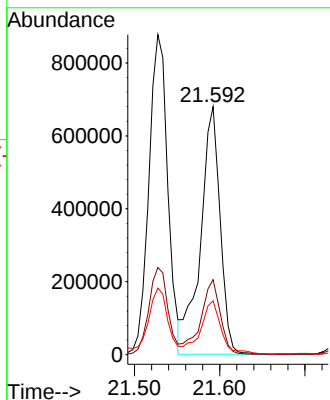
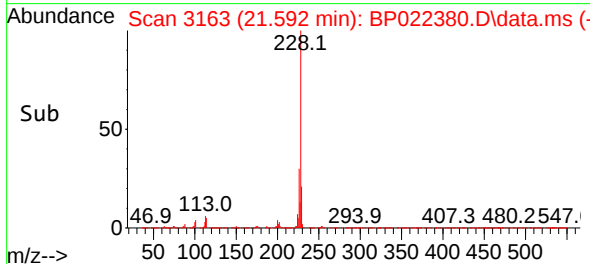
Instrument :
BNA_P
ClientSampleId :
DCYN6DL



Tgt Ion:228 Resp: 1090924
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 21.7 15.5 23.3

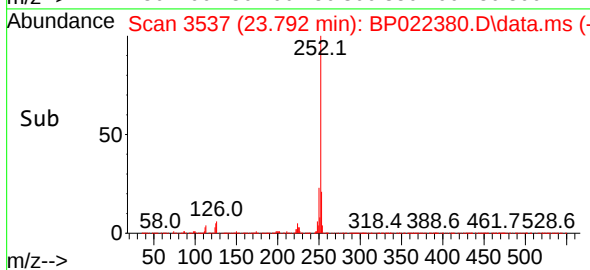
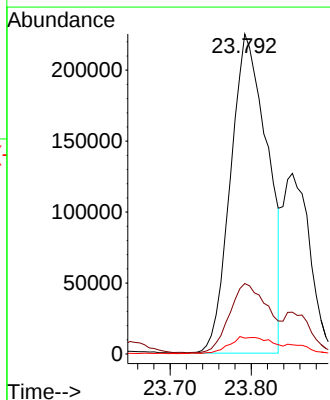
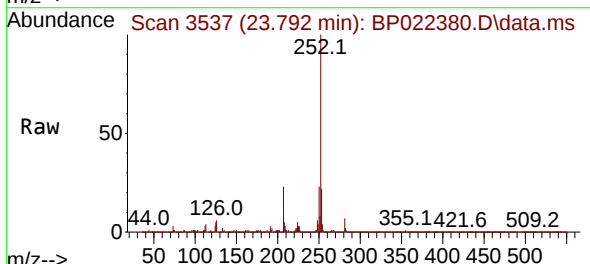
Manual Integrations
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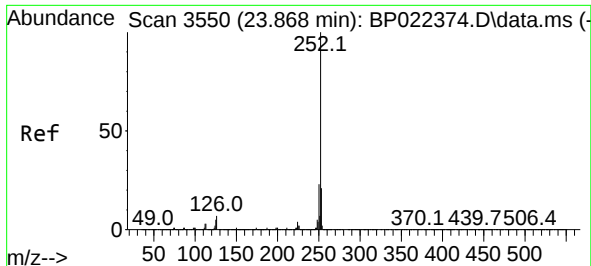
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#90
Benzo(b)fluoranthene
Concen: 11.400 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. -0.023 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

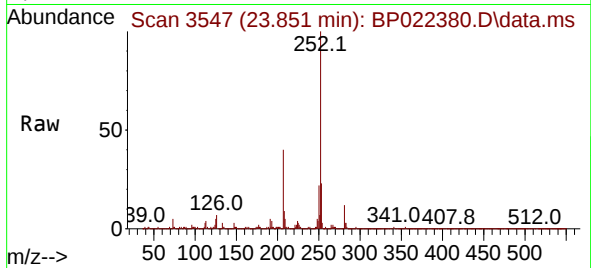
Tgt Ion:252 Resp: 709289
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 5.0 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 4.754 ng/ul
RT: 23.851 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21

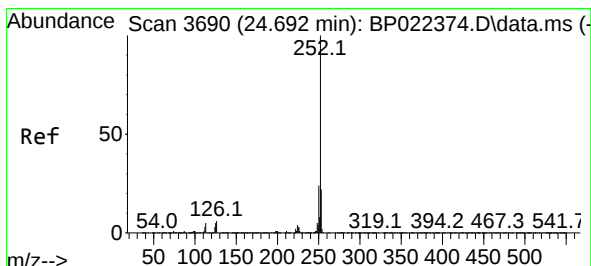
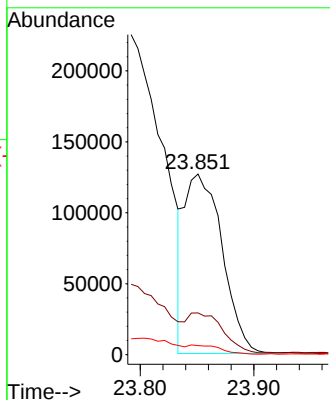
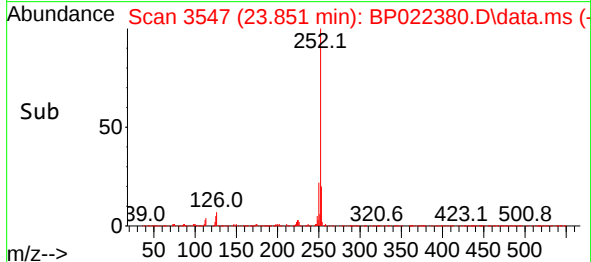
Instrument :
BNA_P
ClientSampleId :
DCYN6DL



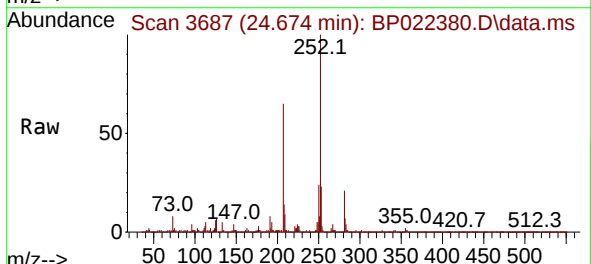
Tgt Ion:252 Resp: 28956
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 5.0 4.6 6.8

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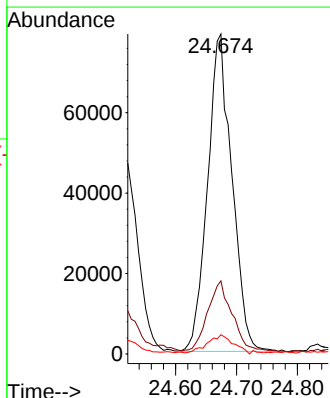
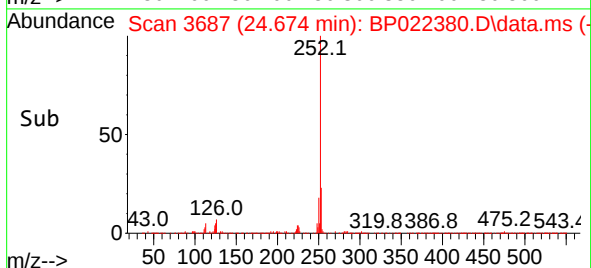
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

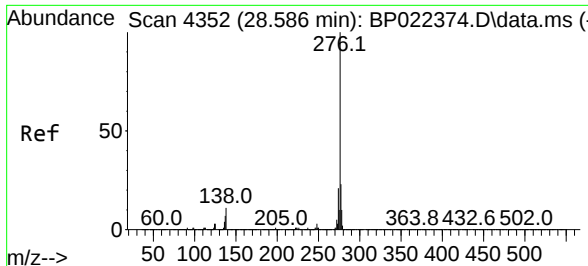


#93
Benzo(a)pyrene
Concen: 3.830 ng/ul
RT: 24.674 min Scan# 3687
Delta R.T. -0.029 min
Lab File: BP022380.D
Acq: 15 Oct 2024 08:21



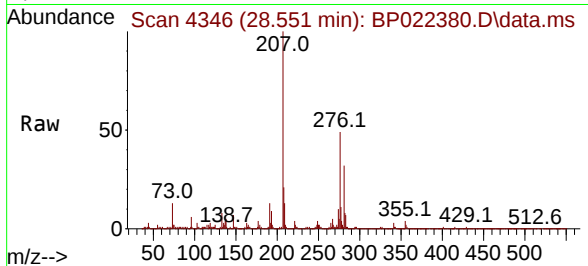
Tgt Ion:252 Resp: 219326
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 6.0 4.9 7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.347 ng/ul
 RT: 28.551 min Scan# 41
 Delta R.T. -0.059 min
 Lab File: BP022380.D
 Acq: 15 Oct 2024 08:21

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6DL



Tgt Ion: 276 Resp: 102889
 Ion Ratio Lower Upper
 276 100
 138 11.6 9.1 13.7
 277 23.1 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

