

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010356.D
 Acq On : 16 May 2022 13:59
 Operator : CG/JU
 Sample : N2713-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBSK2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 16 23:20:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	123375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	539440	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	371724	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	840431	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.368	240	847667	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	787873	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	11773	4.067	ng/uL	0.00
4) Pyridine-d5	3.810	84	5760m	0.701	ng/u1	0.05
7) Phenol-d5	7.063	99	261338	25.238	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	170953	24.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	203074	25.629	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	211599	24.045	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	107648	25.784	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	111336	25.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	220610	26.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	258666	20.795	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	794861	29.023	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	867342	27.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	147048m	30.165	ng/u1	0.00
60) Fluorene-d10	15.522	176	699171	29.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	126919	25.822	ng/u1	0.00
73) Anthracene-d10	17.380	188	1316912	34.605	ng/u1	0.00
81) Pyrene-d10	19.616	212	1662234	36.925	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1460358	36.913	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.751	128	620255	22.014	ng/u1	96
37) 1-Methylnaphthalene	12.575	142	470467	23.360	ng/u1#	96
50) Acenaphthylene	14.251	152	689382	20.172	ng/u1	94
52) Acenaphthene	14.598	153	407246	18.267	ng/u1	97
61) Fluorene	15.580	166	601210	22.502	ng/u1	92
71) Pentachlorophenol	16.933	266	216113	34.595	ng/u1#	86
74) Anthracene	17.416	178	1809931	40.225	ng/u1	99
85) Benzo(a)anthracene	21.351	228	1697240	32.019	ng/u1	95
90) Benzo(b)fluoranthene	23.051	252	839172	15.980	ng/u1	100
91) Benzo(k)fluoranthene	23.104	252	2257303	45.227	ng/u1#	98
96) Benzo(g,h,i)perylene	27.109	276	1039860	27.131	ng/u1#	92

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

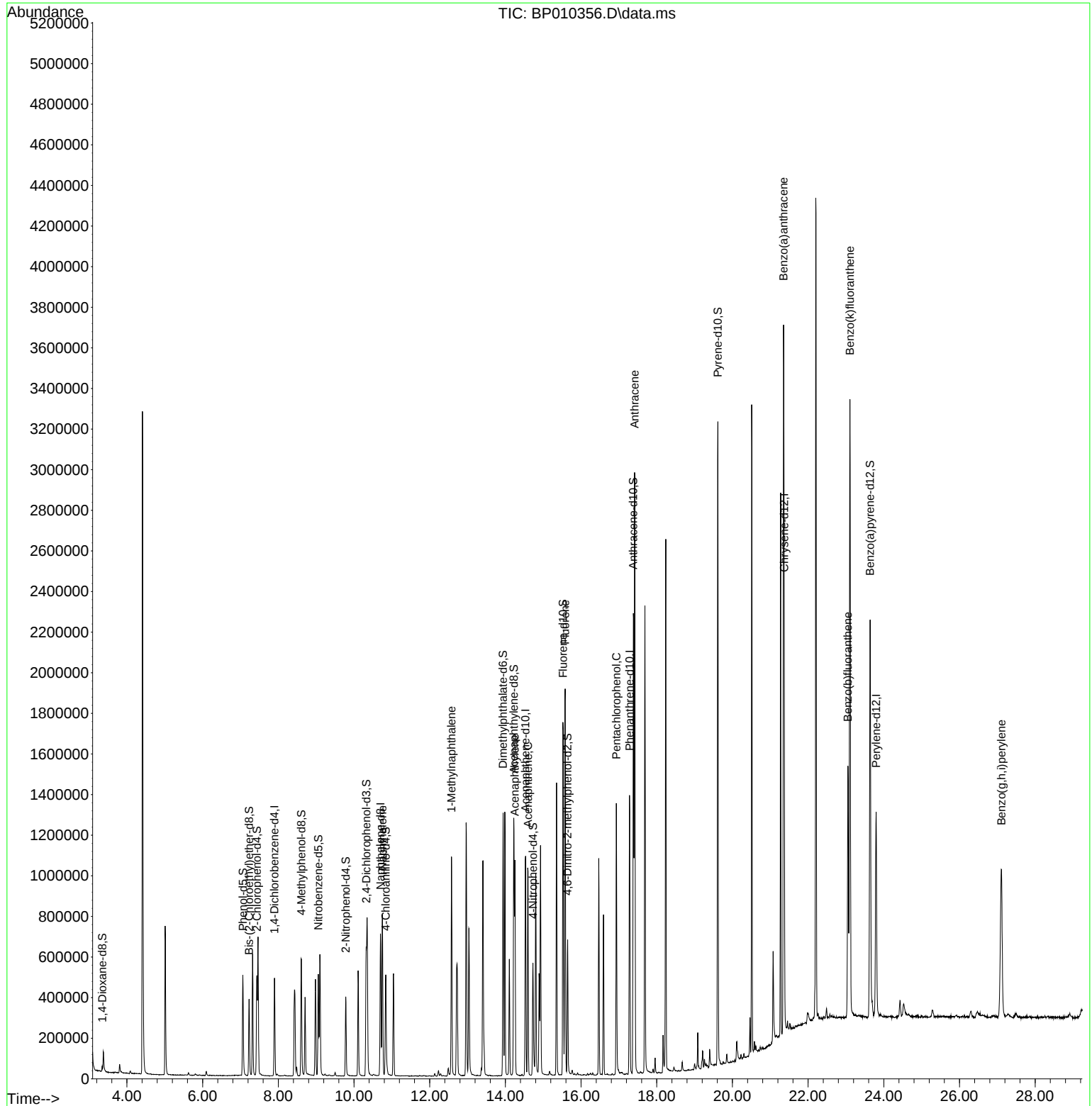
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
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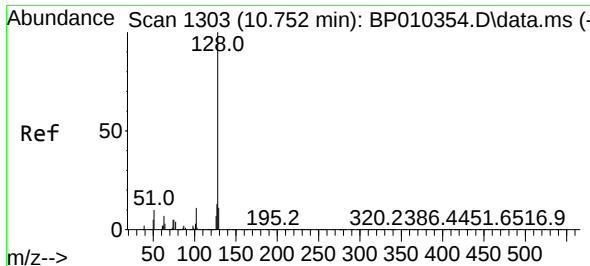
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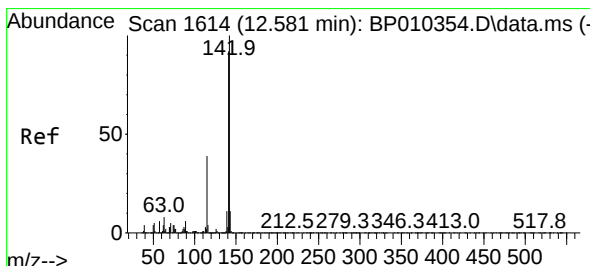
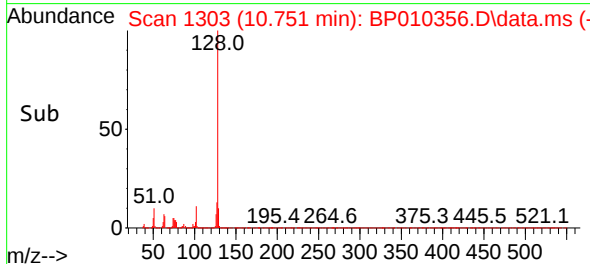
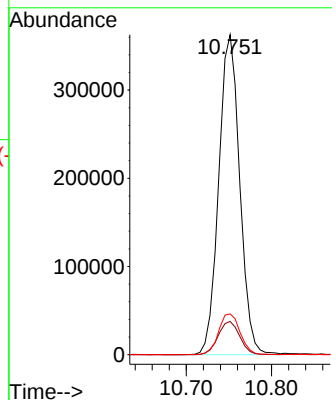
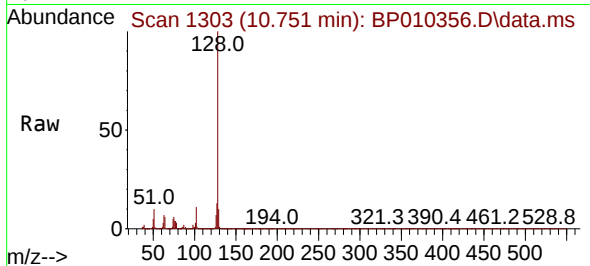
#30
Naphthalene
Concen: 22.014 ng/ul
RT: 10.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

Instrument :
BNA_P
ClientSampleId :
DBSK2

Tgt Ion:128 Resp: 62025
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.7 12.2 18.4

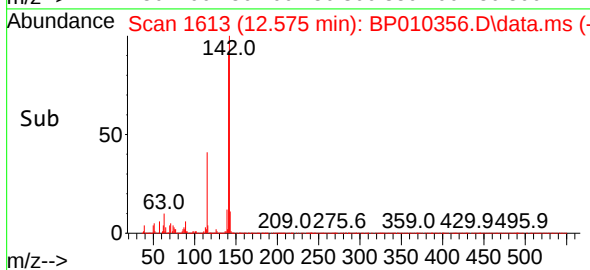
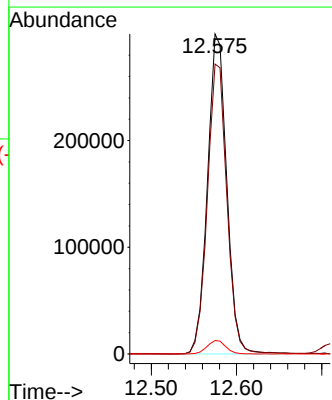
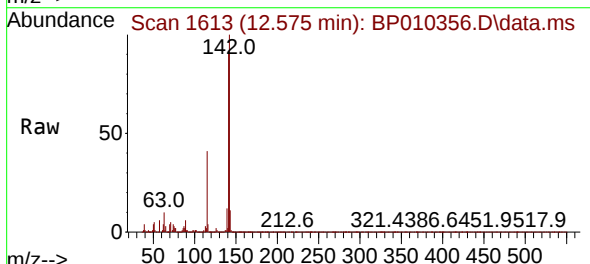
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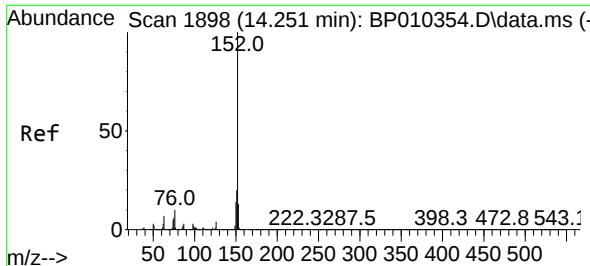
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#37
1-Methylnaphthalene
Concen: 23.360 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

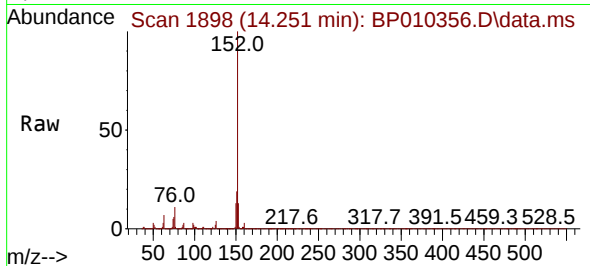
Tgt Ion:142 Resp: 470467
Ion Ratio Lower Upper
142 100
141 90.6 69.8 104.8
116 4.2 5.6 8.4





#50
Acenaphthylene
Concen: 20.172 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

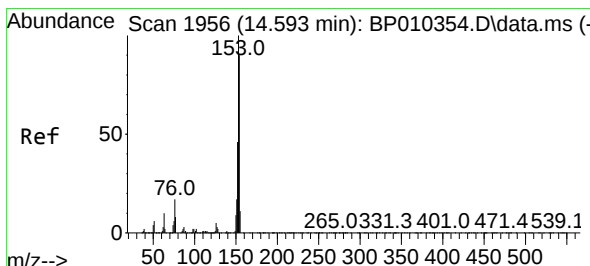
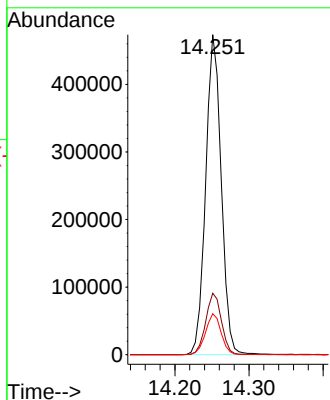
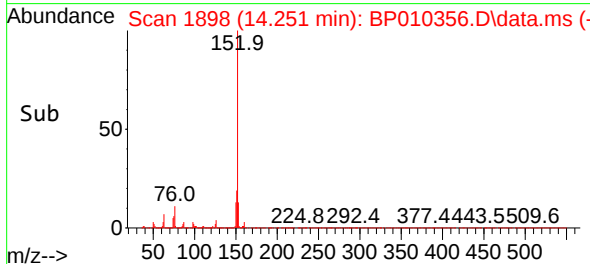
Instrument :
BNA_P
ClientSampleId :
DBSK2



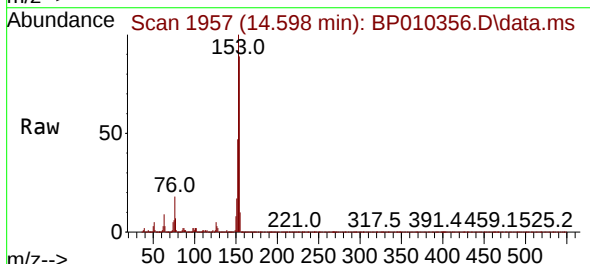
Tgt Ion:152 Resp: 68938
Ion Ratio Lower Upper
152 100
151 19.2 18.3 27.5
153 12.8 11.0 16.6

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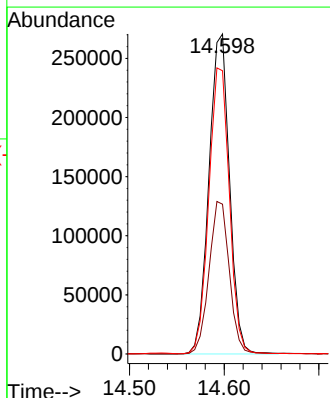
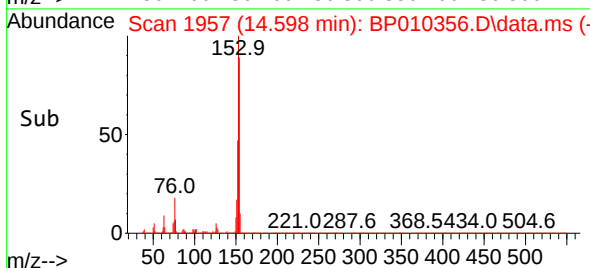
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

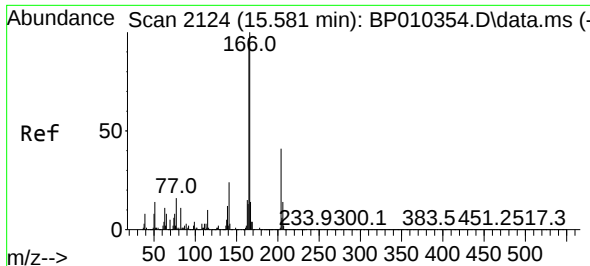


#52
Acenaphthene
Concen: 18.267 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59



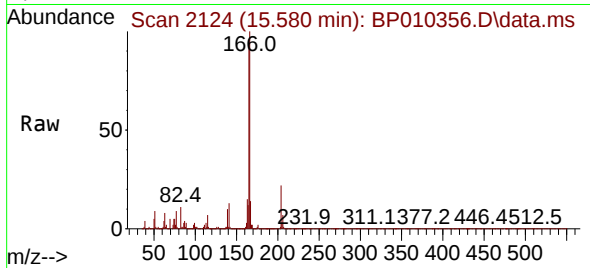
Tgt Ion:153 Resp: 407246
Ion Ratio Lower Upper
153 100
152 46.8 34.3 51.5
154 88.5 70.0 105.0





#61
Fluorene
Concen: 22.502 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

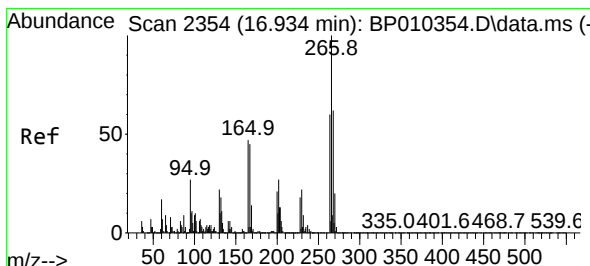
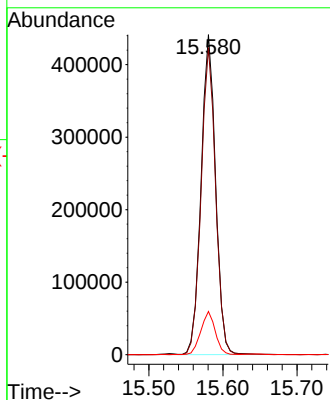
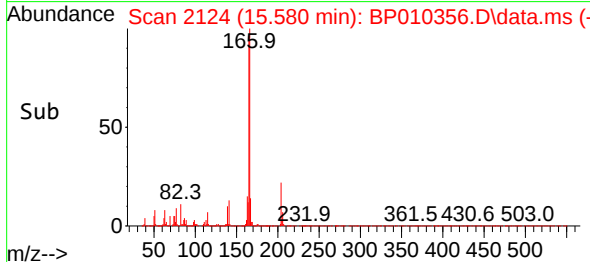
Instrument :
BNA_P
ClientSampleId :
DBSK2



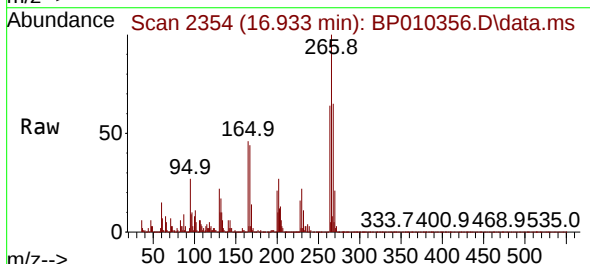
Tgt Ion:166 Resp: 601210
Ion Ratio Lower Upper
166 100
165 96.0 70.3 105.5
167 13.5 9.5 14.3

Manual Integrations
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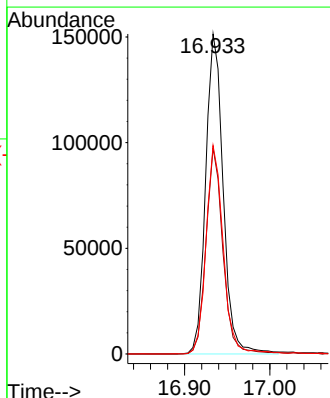
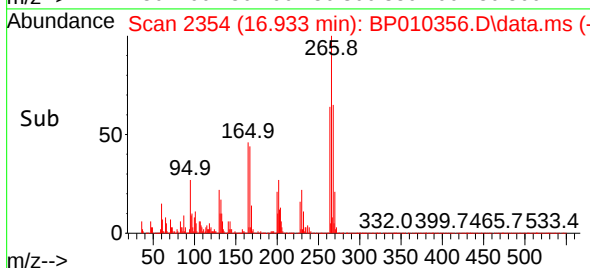
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

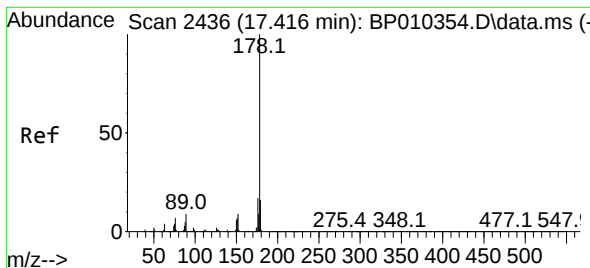


#71
Pentachlorophenol
Concen: 34.595 ng/ul
RT: 16.933 min Scan# 2354
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59



Tgt Ion:266 Resp: 216113
Ion Ratio Lower Upper
266 100
264 64.4 57.3 85.9
268 65.1 65.7 98.5





#74

Anthracene

Concen: 40.225 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP010356.D

Acq: 16 May 2022 13:59

Instrument :

BNA_P

ClientSampleId :

DBSK2

Tgt Ion:178 Resp: 180993

Ion Ratio Lower Upper

178 100

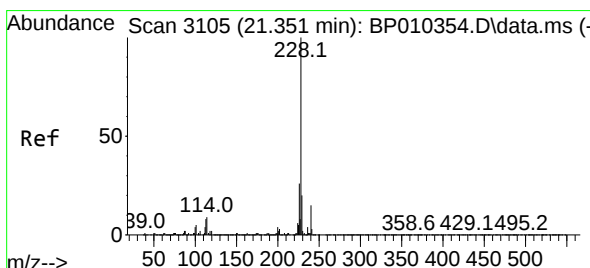
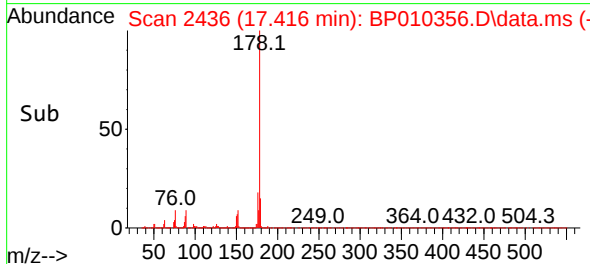
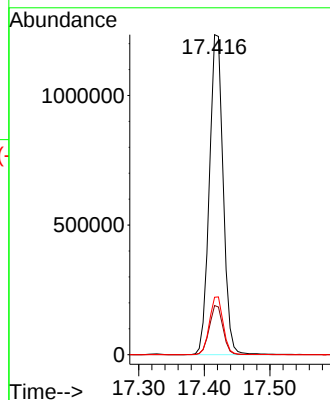
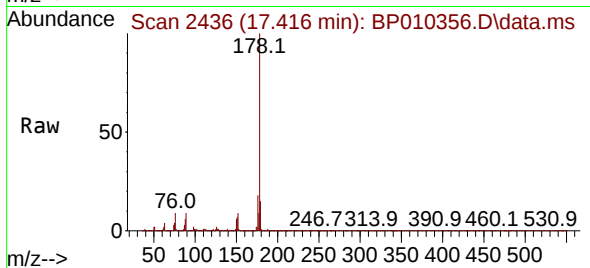
179 15.4 12.3 18.5

176 17.9 13.4 20.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 32.019 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP010356.D

Acq: 16 May 2022 13:59

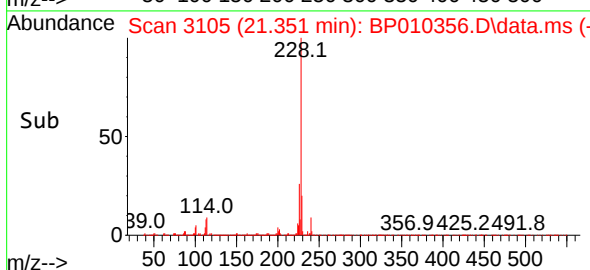
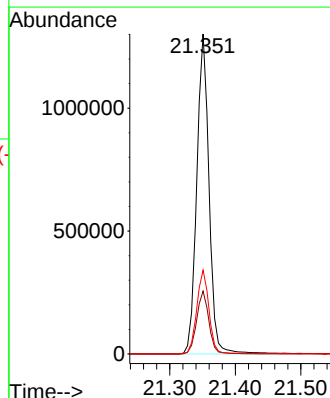
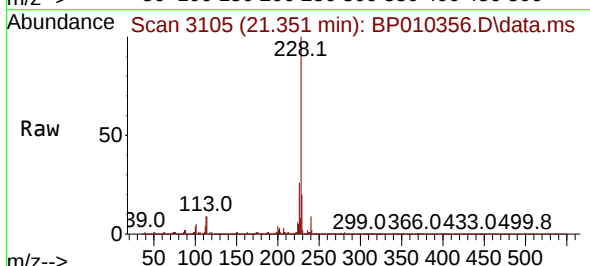
Tgt Ion:228 Resp: 1697240

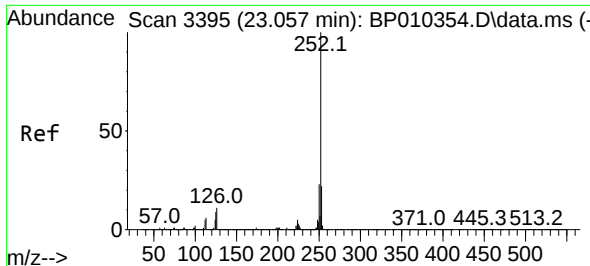
Ion Ratio Lower Upper

228 100

229 19.6 18.2 27.2

226 26.2 22.8 34.2





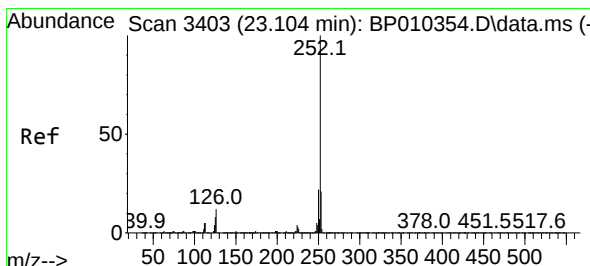
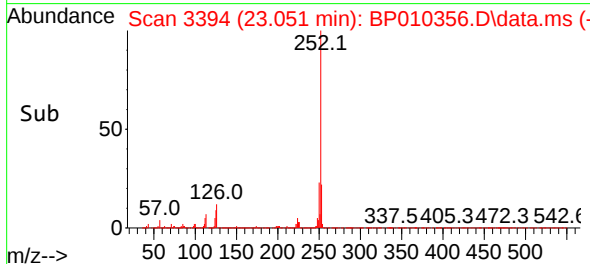
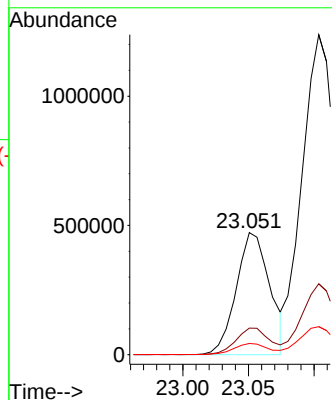
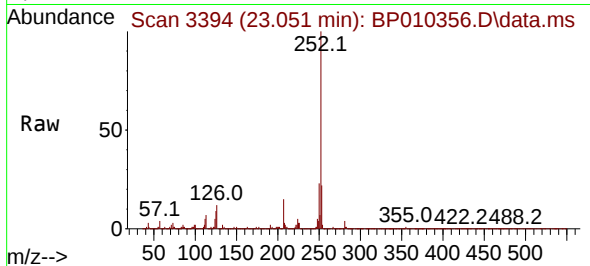
#90
Benzo(b)fluoranthene
Concen: 15.980 ng/ul
RT: 23.051 min Scan# 3395
Delta R.T. -0.000 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

Instrument :
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ClientSampleId :
DBSK2

Tgt Ion:252 Resp: 839172
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.2 7.3 10.9

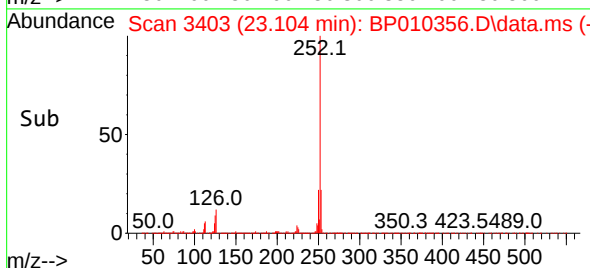
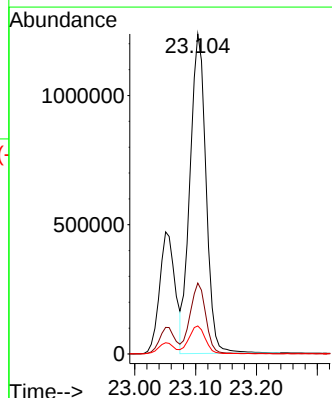
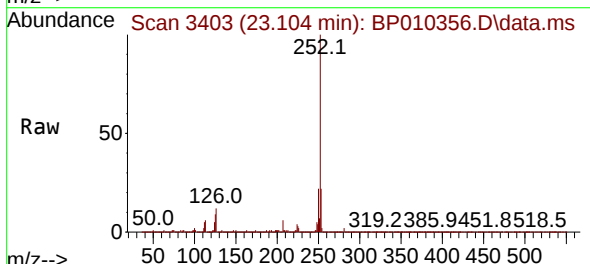
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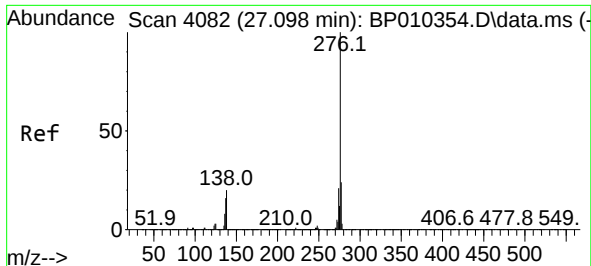
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#91
Benzo(k)fluoranthene
Concen: 45.227 ng/ul
RT: 23.104 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP010356.D
Acq: 16 May 2022 13:59

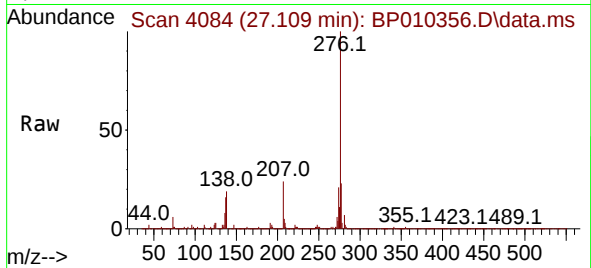
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Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.8 5.1 7.7#





#96
 Benzo(g,h,i)perylene
 Concen: 27.131 ng/ul
 RT: 27.109 min Scan# 4084
 Delta R.T. 0.018 min
 Lab File: BP010356.D
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Instrument :
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Tgt Ion:276 Resp: 1039860
 Ion Ratio Lower Upper
 276 100
 138 18.7 11.6 17.4
 277 23.2 15.9 23.9

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