

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017963.D
 Acq On : 08 Nov 2023 14:57
 Operator : MA/JU
 Sample : 05060-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKL0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 03:30:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	72138	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	302783	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	191097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	436067	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.416	240	431550	20.000	ng/u1	0.00
88) Perylene-d12	23.898	264	488069	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6622	3.513	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.016	99	135226	19.990	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	83137	20.373	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	105991	20.390	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	99113	17.726	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	52530	21.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	59402	21.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	149902	29.340	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	101892	13.762	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	372237	22.215	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	404303	21.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	56739	22.023	ng/u1	0.00
60) Fluorene-d10	15.516	176	318836	22.734	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	47805m	14.991	ng/u1	0.00
73) Anthracene-d10	17.392	188	485247	21.402	ng/u1	0.00
81) Pyrene-d10	19.645	212	631640	23.057	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	617339	22.637	ng/u1	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.334	142	523362	43.647	ng/u1	99
50) Acenaphthylene	14.251	152	1638201	79.604	ng/u1	100
52) Acenaphthene	14.587	153	1836061	134.618	ng/u1	98
61) Fluorene	15.575	166	1286998	80.679	ng/u1	99
71) Pentachlorophenol	16.922	266	160666	44.878	ng/u1	95
72) Phenanthrene	17.339	178	2515577	98.110	ng/u1	99
87) Chrysene	21.451	228	911561	29.578	ng/u1	99
91) Benzo(k)fluoranthene	23.186	252	3313424	98.084	ng/u1	99
93) Benzo(a)pyrene	23.792	252	1358779	43.390	ng/u1	99
95) Dibenzo(a,h)anthracene	26.563	278	1749147	56.375	ng/u1	99

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

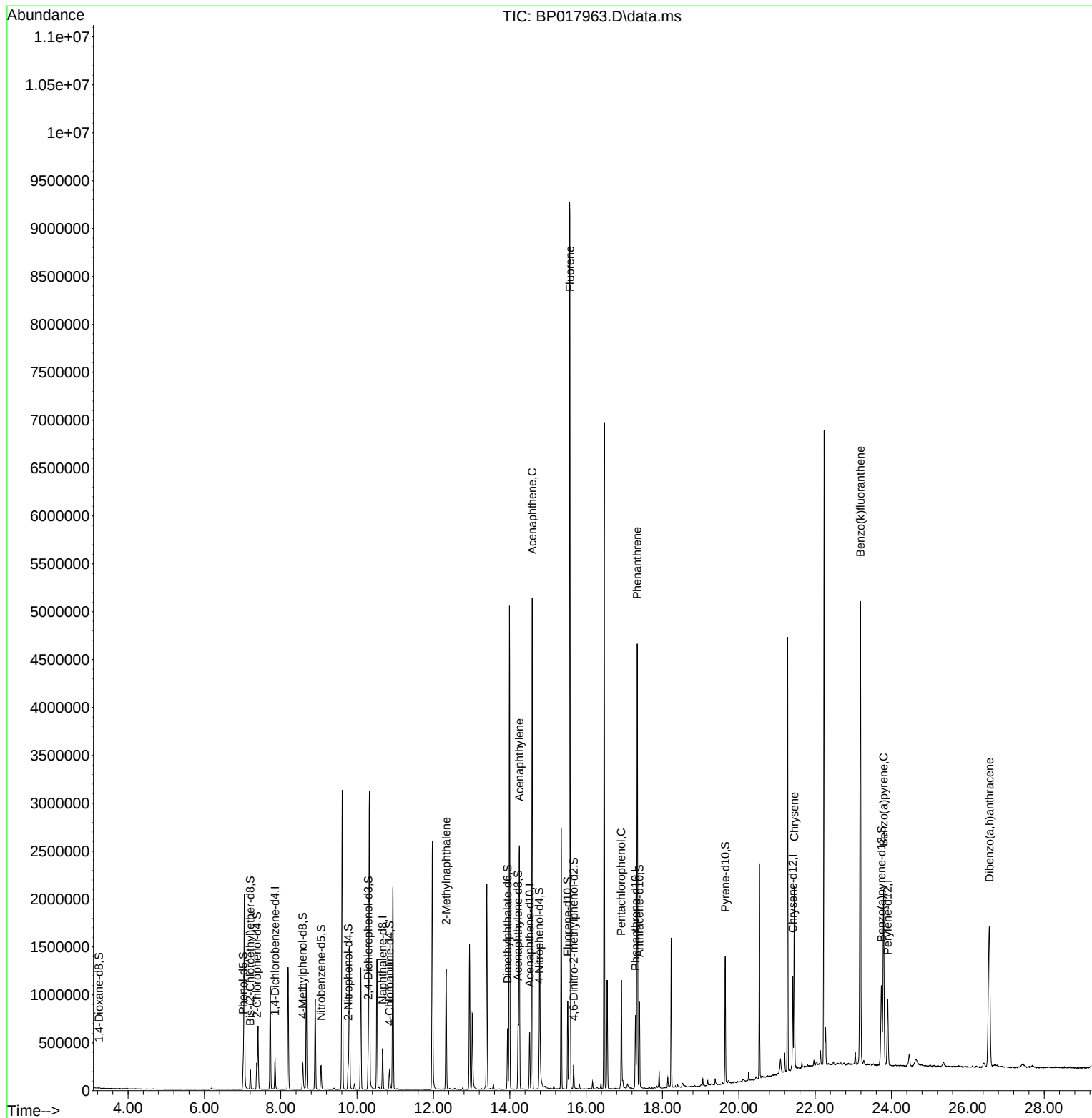
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017963.D
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ALS Vial : 43 Sample Multiplier: 1

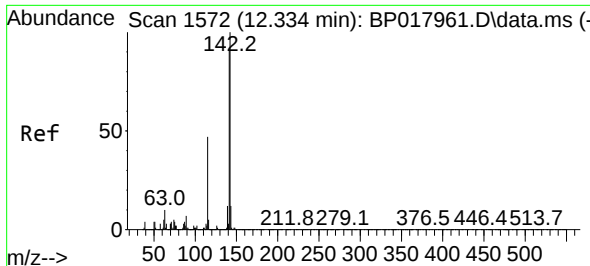
Instrument :
BNA_P
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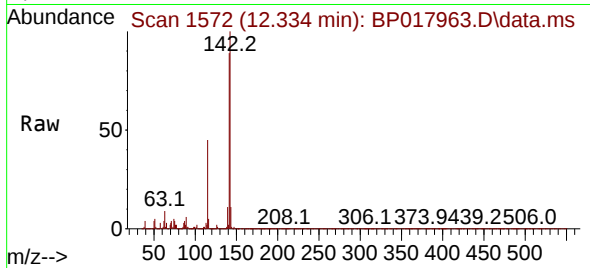
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023





#36
2-Methylnaphthalene
Concen: 43.647 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57

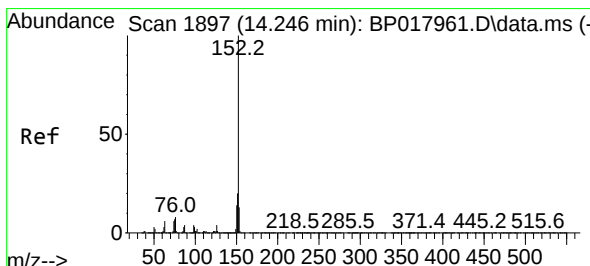
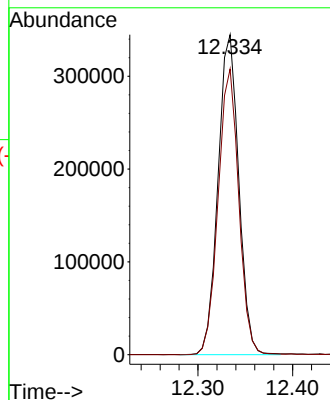
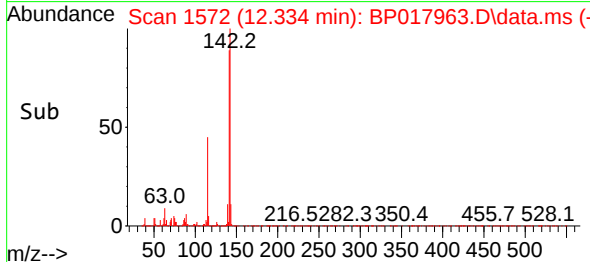
Instrument :
BNA_P
ClientSampleId :
DCKL0



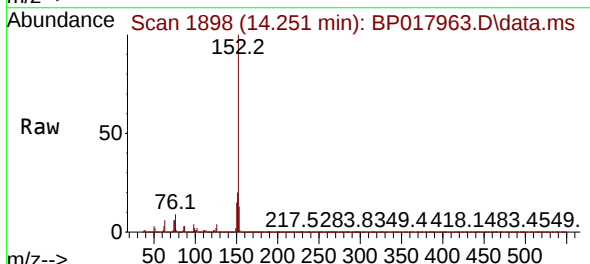
Tgt Ion:142 Resp: 523362
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3

Manual Integrations
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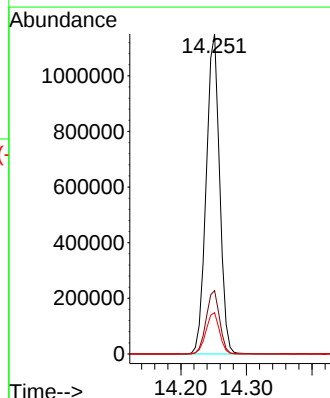
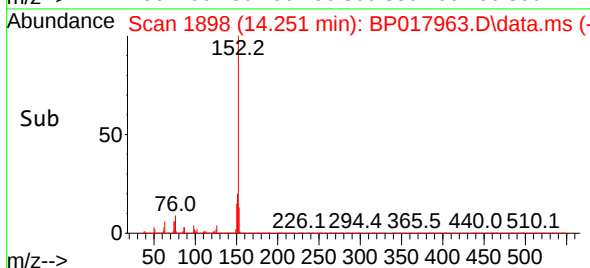
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

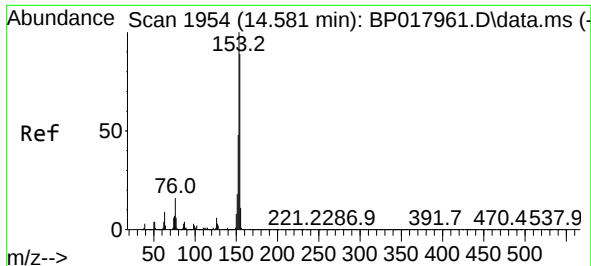


#50
Acenaphthylene
Concen: 79.604 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57



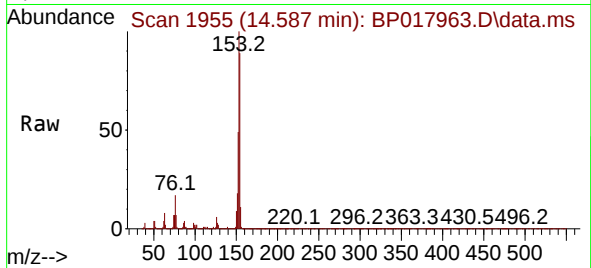
Tgt Ion:152 Resp: 1638201
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.9 10.4 15.6





#52
Acenaphthene
Concen: 134.618 ng/ul
RT: 14.587 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57

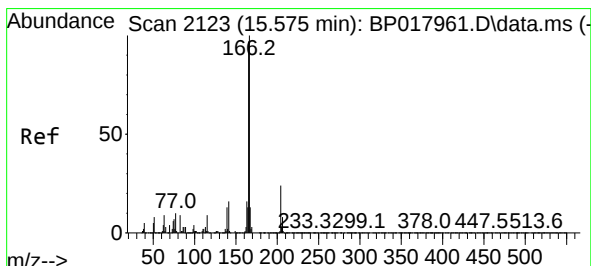
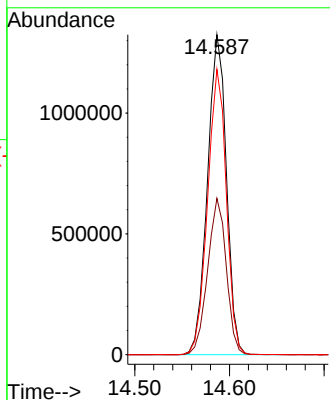
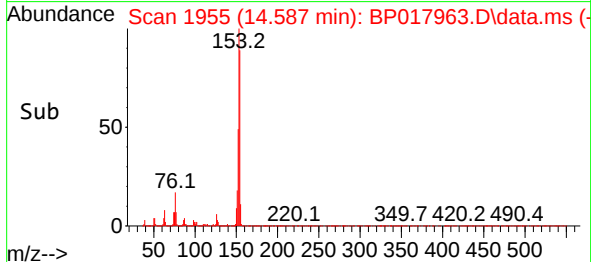
Instrument :
BNA_P
ClientSampleId :
DCKL0



Tgt Ion:153 Resp: 183606
Ion Ratio Lower Upper
153 100
152 48.9 37.7 56.5
154 89.2 70.4 105.6

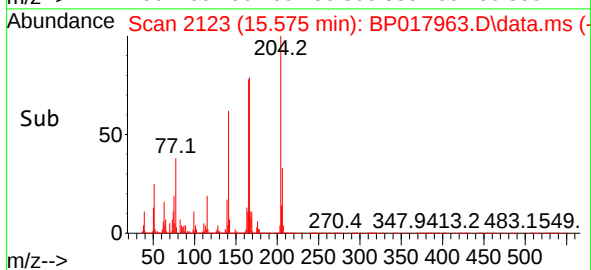
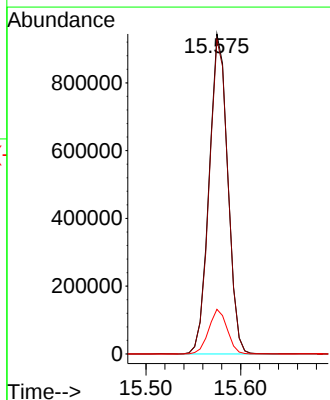
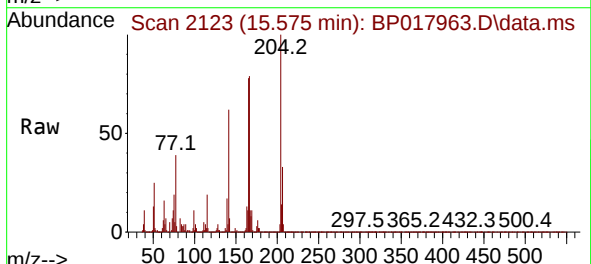
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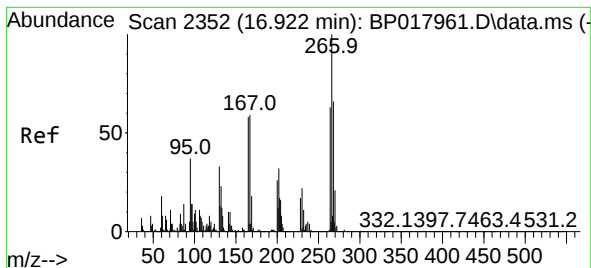
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#61
Fluorene
Concen: 80.679 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57

Tgt Ion:166 Resp: 1286998
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.6
167 14.0 10.9 16.3





#71

Pentachlorophenol

Concen: 44.878 ng/ul

RT: 16.922 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017963.D

Acq: 08 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

DCKL0

Tgt Ion:266 Resp: 16066

Ion Ratio Lower Upper

266 100

264 62.6 53.8 80.6

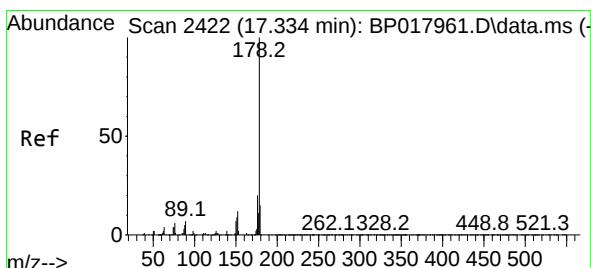
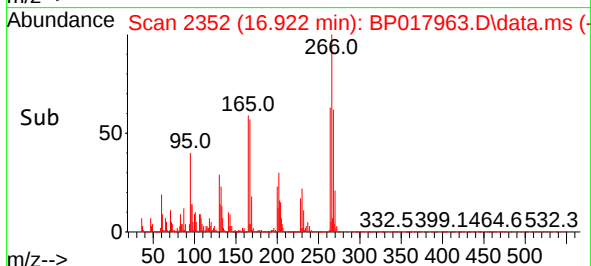
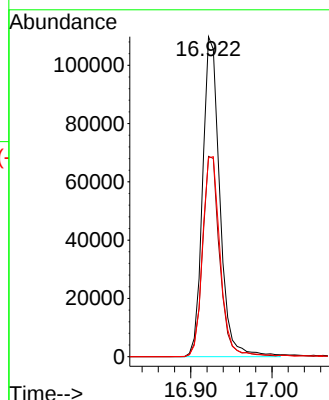
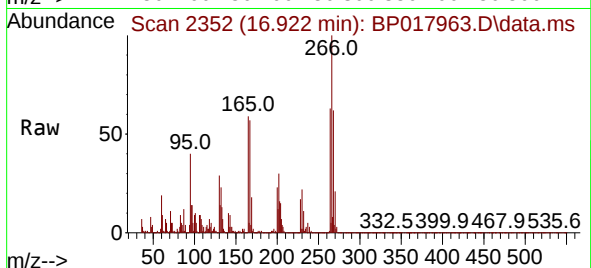
268 62.1 52.4 78.6

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2023



#72

Phenanthrene

Concen: 98.110 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP017963.D

Acq: 08 Nov 2023 14:57

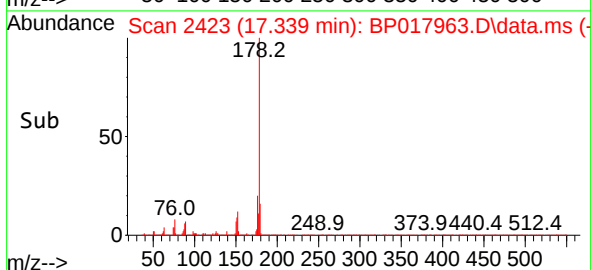
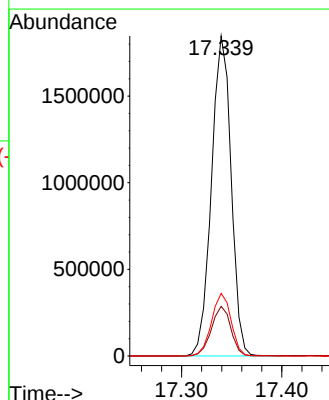
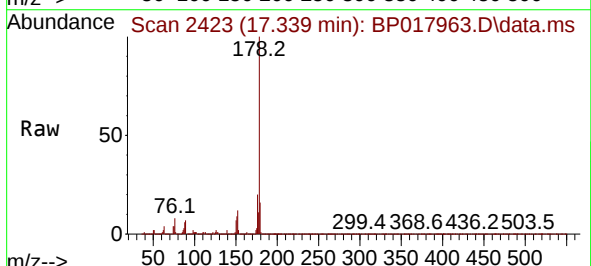
Tgt Ion:178 Resp: 2515577

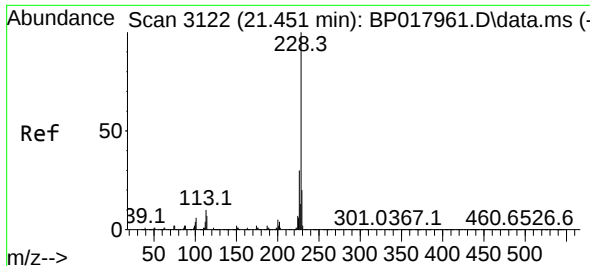
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

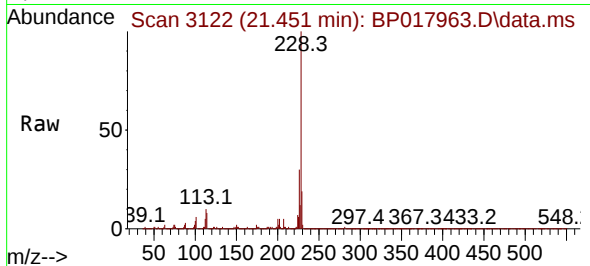
176 19.6 15.2 22.8





#87
Chrysene
Concen: 29.578 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57

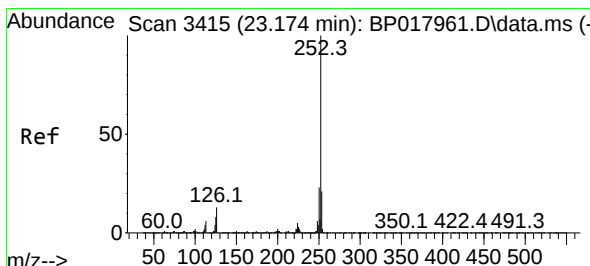
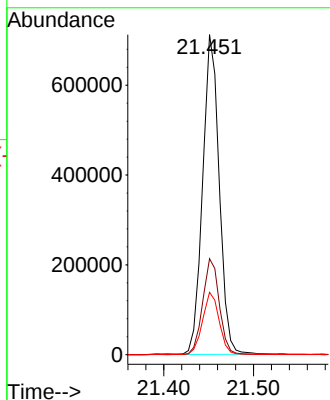
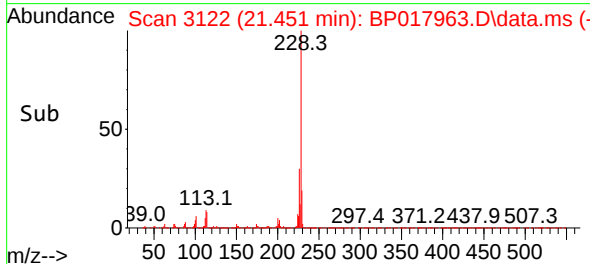
Instrument :
BNA_P
ClientSampleId :
DCKL0



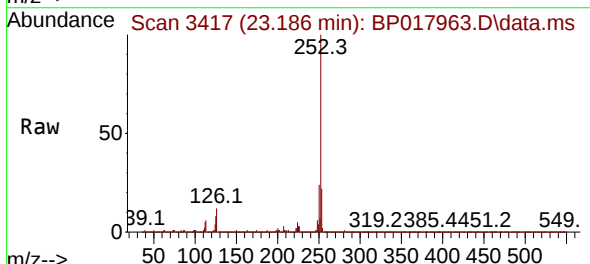
Tgt Ion:228 Resp: 91156
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.5 16.1 24.1

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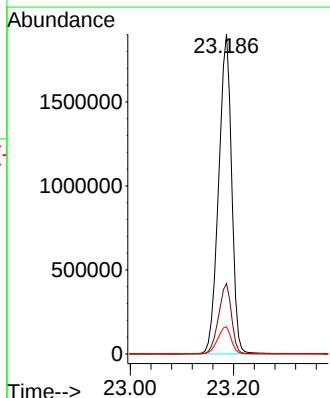
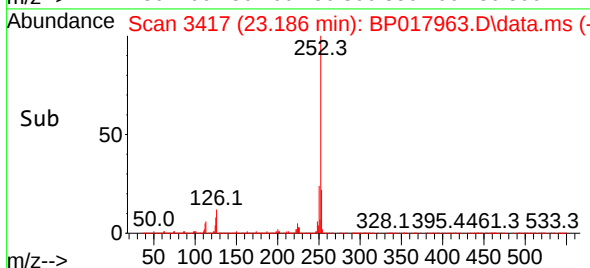
Reviewed By :Yogesh Patel 11/09/2023
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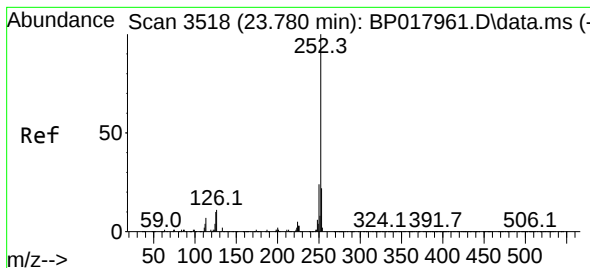


#91
Benzo(k)fluoranthene
Concen: 98.084 ng/ul
RT: 23.186 min Scan# 3417
Delta R.T. 0.012 min
Lab File: BP017963.D
Acq: 08 Nov 2023 14:57



Tgt Ion:252 Resp: 3313424
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.5 7.0 10.6





#93

Benzo(a)pyrene

Concen: 43.390 ng/ul

RT: 23.792 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP017963.D

Acq: 08 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

DCKL0

Tgt Ion:252 Resp: 1358779

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

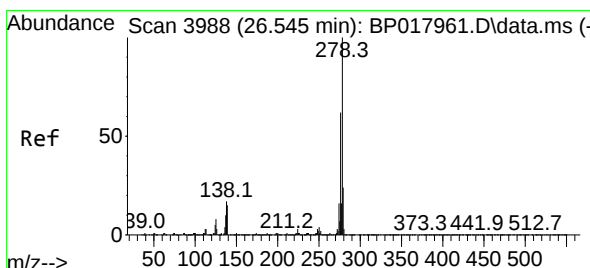
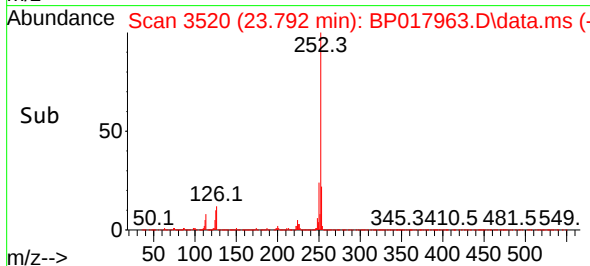
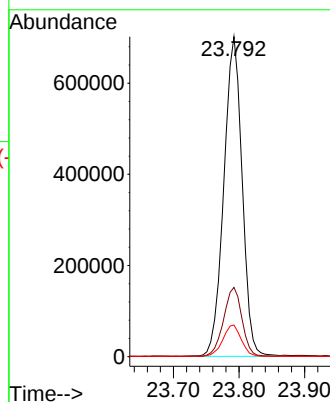
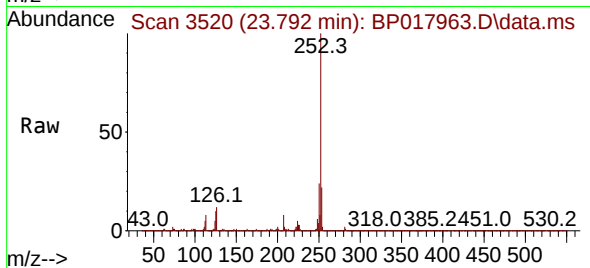
125 9.9 7.5 11.3

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#95

Dibenzo(a,h)anthracene

Concen: 56.375 ng/ul

RT: 26.563 min Scan# 3991

Delta R.T. 0.012 min

Lab File: BP017963.D

Acq: 08 Nov 2023 14:57

Tgt Ion:278 Resp: 1749147

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.4

279 23.7 19.1 28.7

