

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 13:46:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

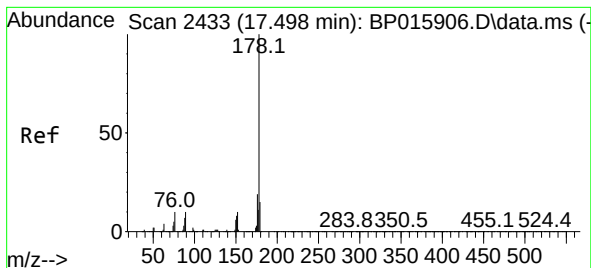
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	278203	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1111612	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	570864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1059060	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	988885	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1156054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22972	2.971	ng/uL	0.00
4) Pyridine-d5	3.822	84	229009	11.749	ng/ul	0.00
7) Phenol-d5	7.240	99	371333	15.600	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	264517	17.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	313213	17.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	268083	14.256	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	143728	16.918	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	154744	15.607	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	255261	14.447	ng/ul	0.04
31) 4-Chloroaniline-d4	11.069	131	229707	10.121	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	866567	19.640	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	945818	19.069	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	51509m	8.846	ng/ul	0.09
60) Fluorene-d10	15.704	176	666603	18.348	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.887	200	31494	4.835	ng/ul	0.03
73) Anthracene-d10	17.563	188	976200	20.179	ng/ul	0.00
81) Pyrene-d10	19.792	212	1182816	18.318	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1214789	20.831	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	251669	4.374	ng/ul	99
74) Anthracene	17.604	178	60009m	1.038	ng/ul	
80) Fluoranthene	19.469	202	677309	8.440	ng/ul#	94
82) Pyrene	19.822	202	599901	7.328	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	345755	4.970	ng/ul	96
87) Chrysene	21.592	228	369198	5.594	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	572167	7.703	ng/ul#	91
91) Benzo(k)fluoranthene	23.357	252	194982m	2.598	ng/ul	
93) Benzo(a)pyrene	23.980	252	401634	6.188	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.804	276	312387	3.545	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.792	278	84229	1.164	ng/ul#	80
96) Benzo(g,h,i)perylene	27.639	276	287744	3.970	ng/ul#	90

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

Manual Integrations

Quant Time: Jul 02 13:46:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.374 ng/ul

RT: 17.504 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

Instrument :

BNP_P

ClientSampleId :

DCGD0

Tgt Ion:178 Resp: 251669

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

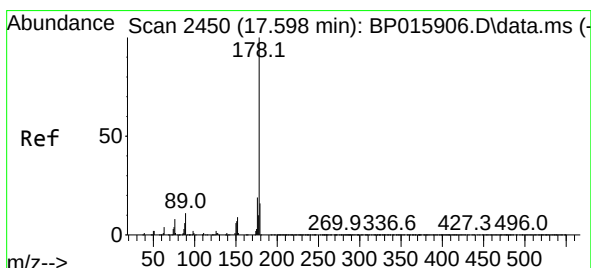
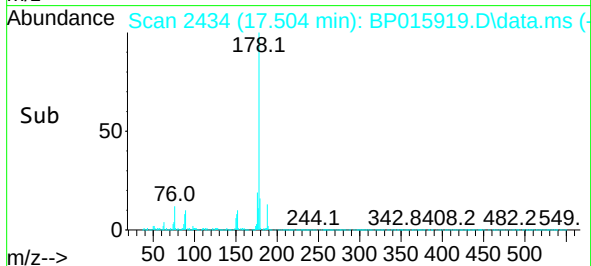
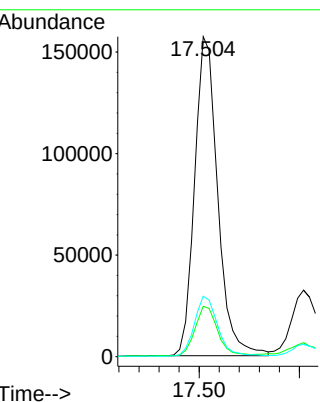
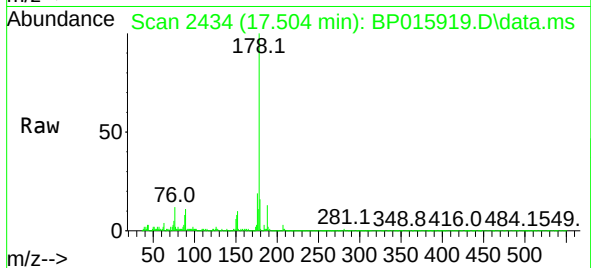
176 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#74

Anthracene

Concen: 1.038 ng/ul m

RT: 17.604 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

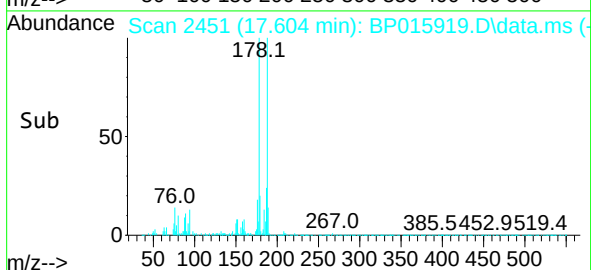
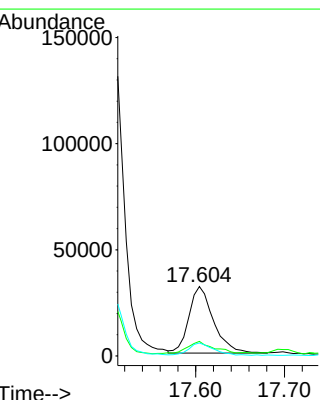
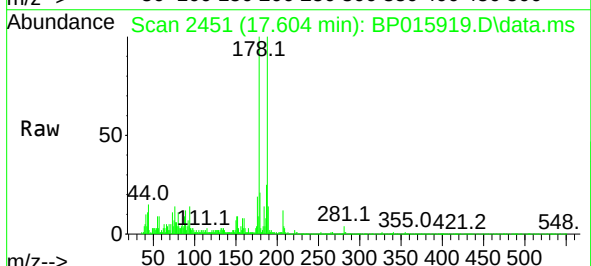
Tgt Ion:178 Resp: 60009

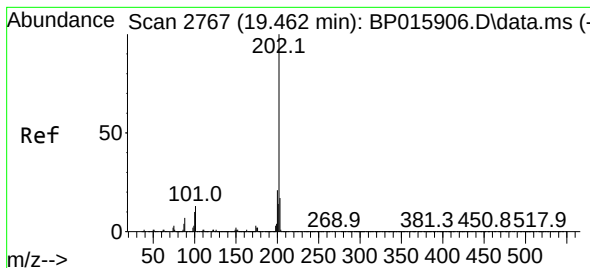
Ion Ratio Lower Upper

178 100

179 20.9 12.1 18.1#

176 18.5 14.6 22.0





#80

Fluoranthene

Concen: 8.440 ng/u1

RT: 19.469 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

Instrument :

BNP_P

ClientSampleId :

DCGD0

Tgt Ion:202 Resp: 677309

Ion Ratio Lower Upper

202 100

101 13.0 8.3 12.5

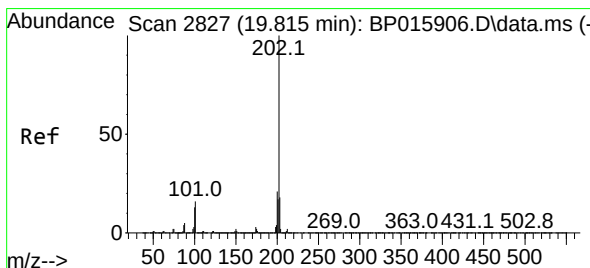
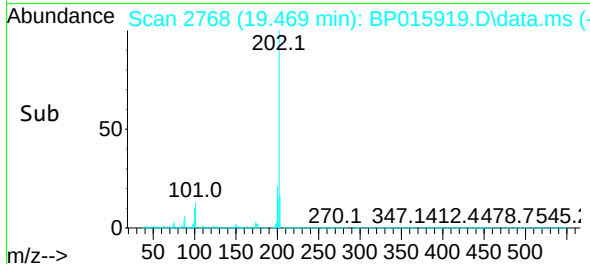
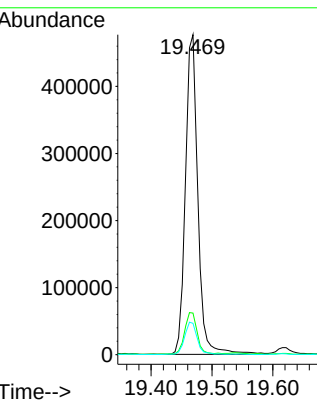
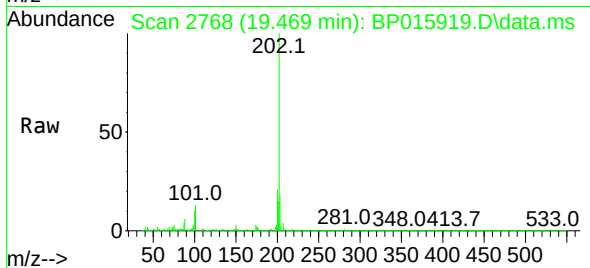
100 9.8 6.6 9.8

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#82

Pyrene

Concen: 7.328 ng/u1

RT: 19.822 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

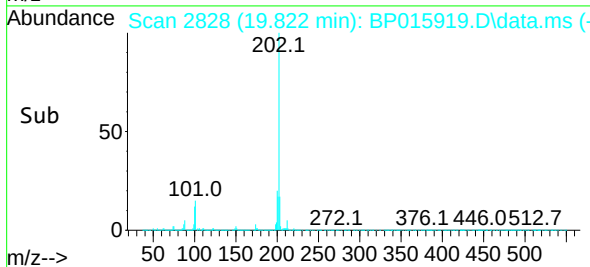
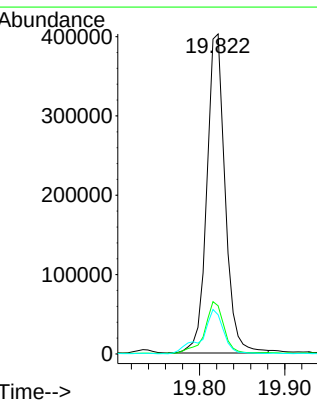
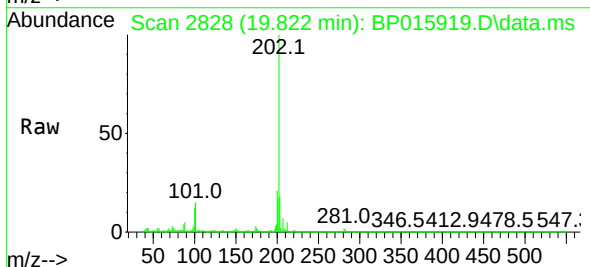
Tgt Ion:202 Resp: 599901

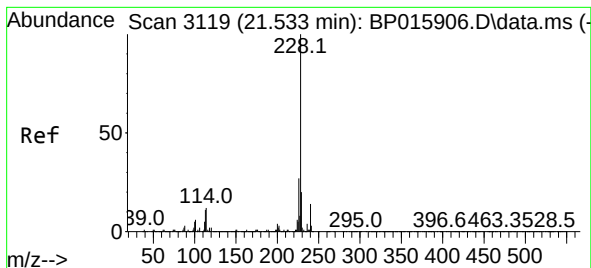
Ion Ratio Lower Upper

202 100

101 15.1 9.3 13.9#

100 12.2 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 4.970 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

Instrument :

BNA_P

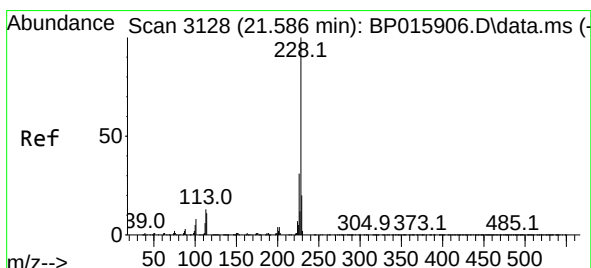
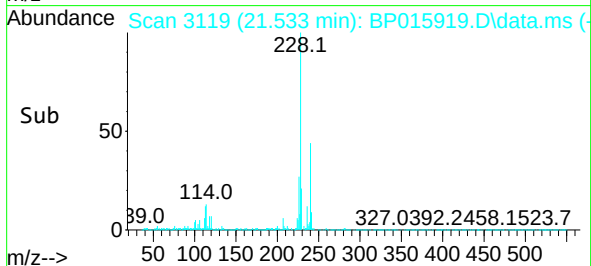
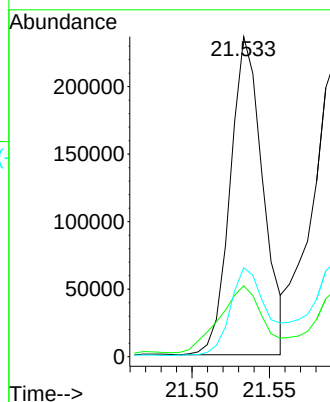
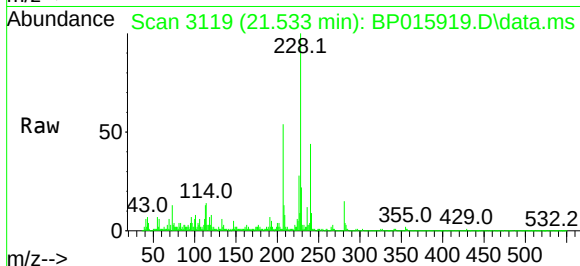
ClientSampleId :

DCGD0

Tgt Ion:228 Resp: 345758
 Ion Ratio Lower Upper
 228 100
 229 22.2 15.3 22.9
 226 27.8 21.4 32.0

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 Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 5.594 ng/ul

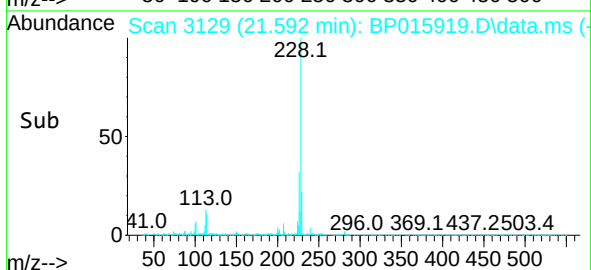
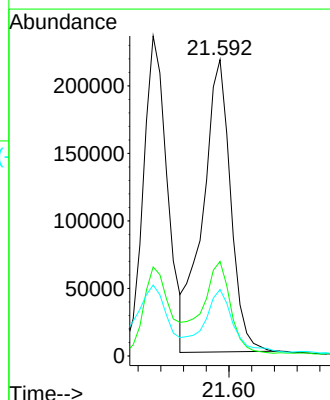
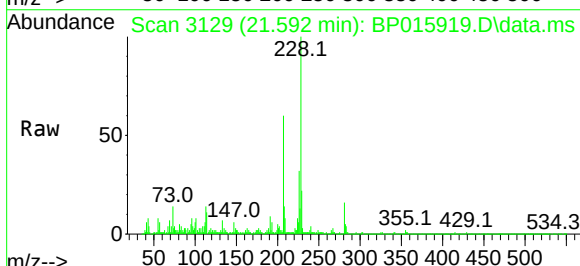
RT: 21.592 min Scan# 3129

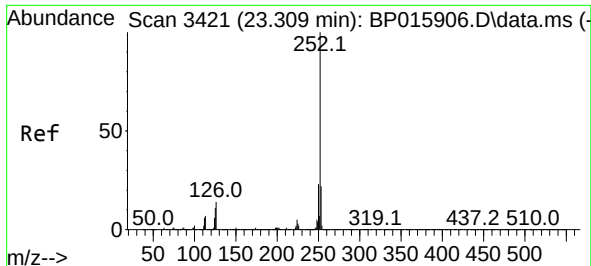
Delta R.T. 0.006 min

Lab File: BP015919.D

Acq: 02 Jul 2023 11:45

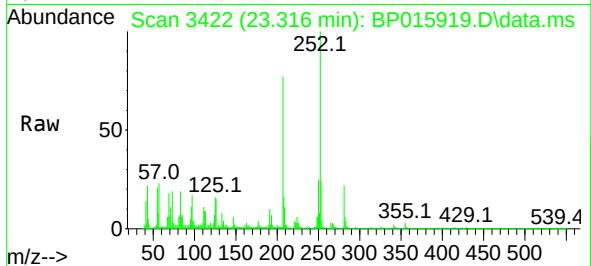
Tgt Ion:228 Resp: 369198
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.3 36.5
 229 22.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.703 ng/ul
RT: 23.316 min Scan# 3421
Delta R.T. 0.006 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45

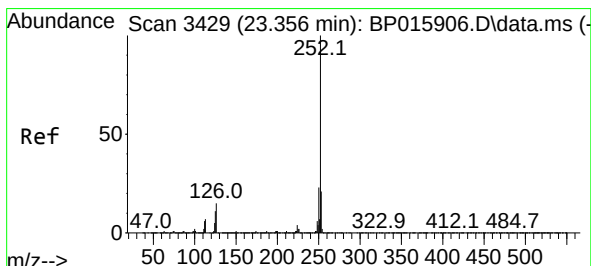
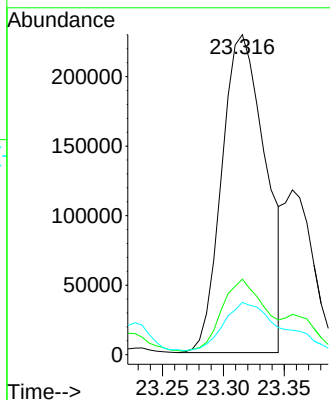
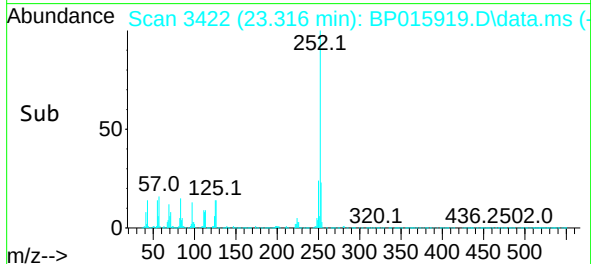
Instrument :
BNA_P
ClientSampleId :
DCGD0



Tgt Ion:252 Resp: 57216
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 16.4 7.5 11.3

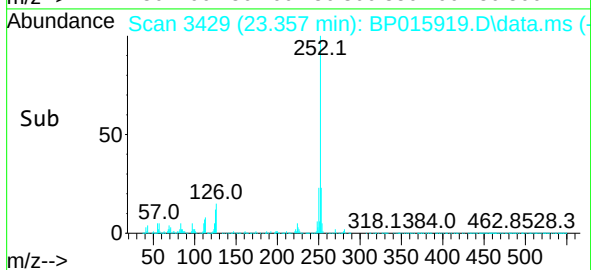
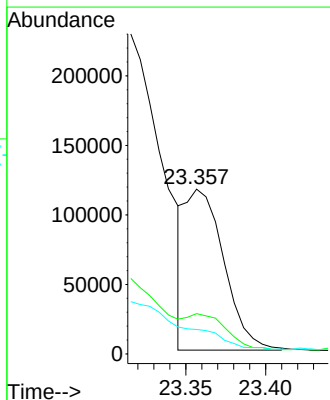
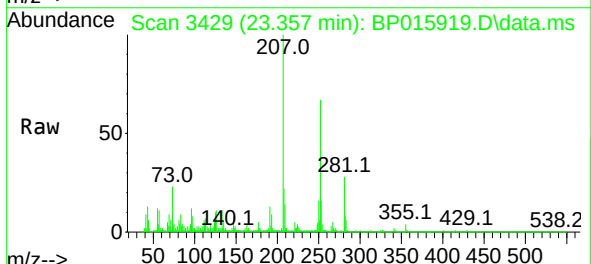
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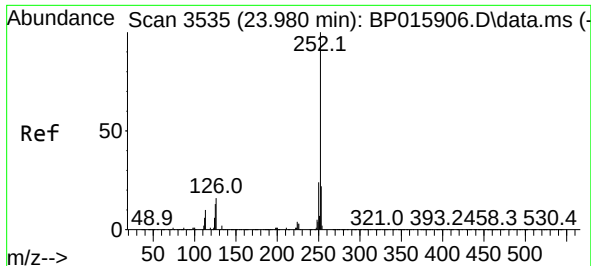
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#91
Benzo(k)fluoranthene
Concen: 2.598 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45

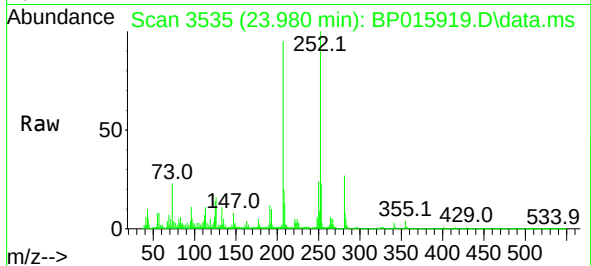
Tgt Ion:252 Resp: 194982
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.4
125 14.8 7.3 10.9





#93
Benzo(a)pyrene
Concen: 6.188 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45

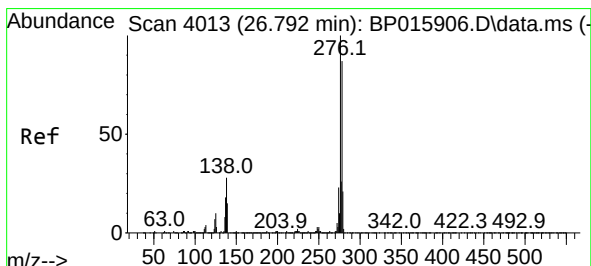
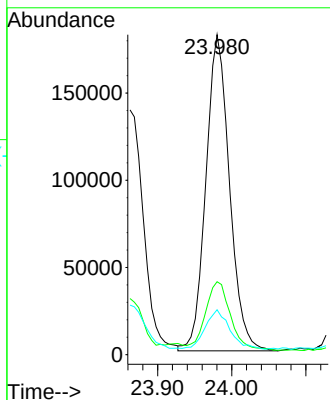
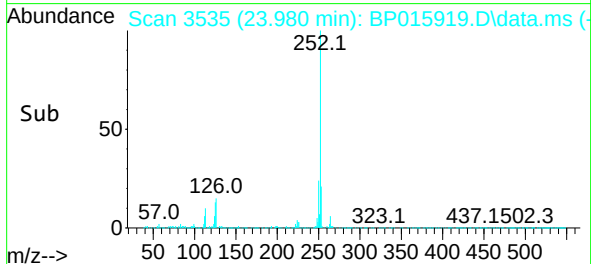
Instrument :
BNA_P
ClientSampleId :
DCGD0



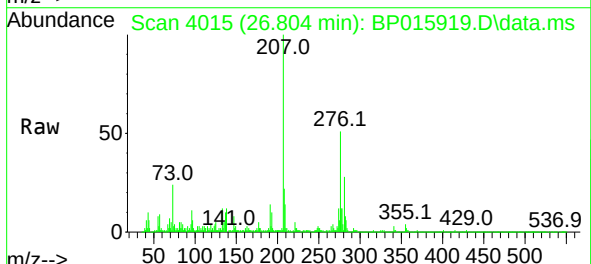
Tgt Ion: 252 Resp: 401634
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 14.0 8.2 12.2

Manual Integrations
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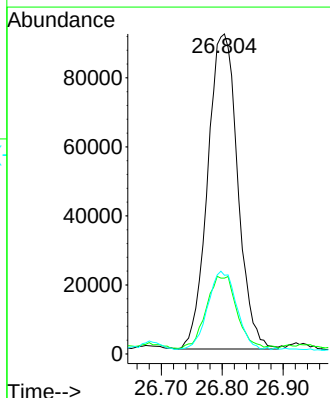
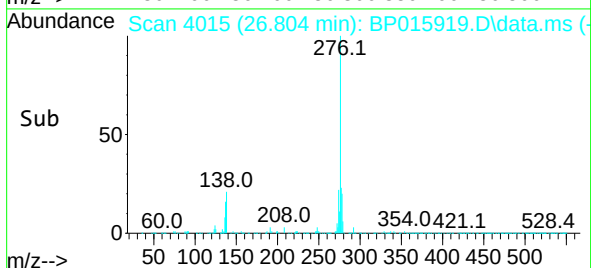
Reviewed By : Yogesh Patel 07/03/2023
Supervised By : mohammad ahmed 07/03/2023

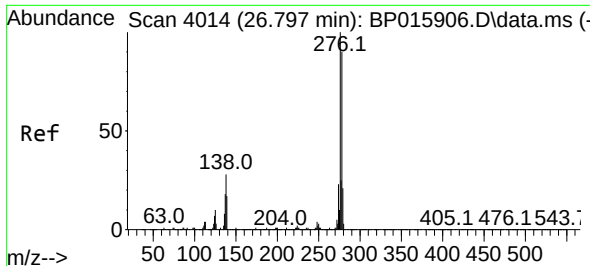


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.545 ng/ul
RT: 26.804 min Scan# 4015
Delta R.T. 0.012 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45



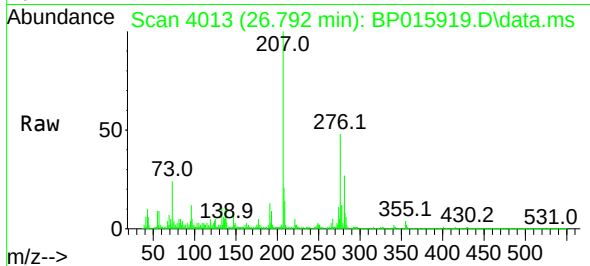
Tgt Ion: 276 Resp: 312387
Ion Ratio Lower Upper
276 100
138 23.7 15.7 23.5#
277 24.6 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 1.164 ng/ul
RT: 26.792 min Scan# 4014
Delta R.T. -0.006 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45

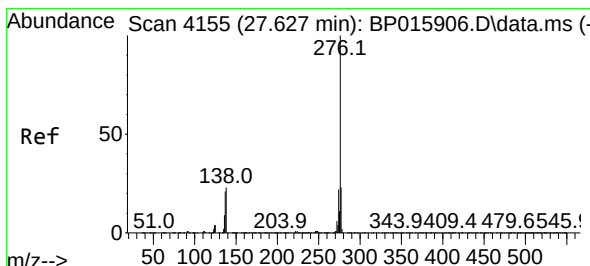
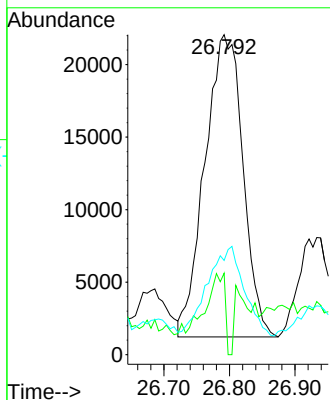
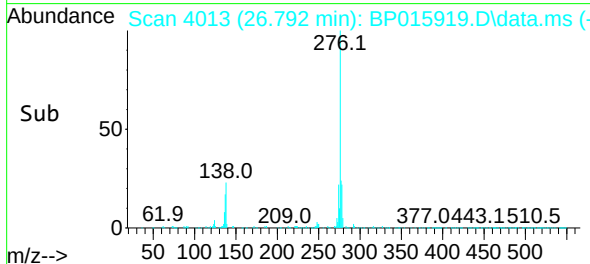
Instrument :
BNA_P
ClientSampleId :
DCGD0



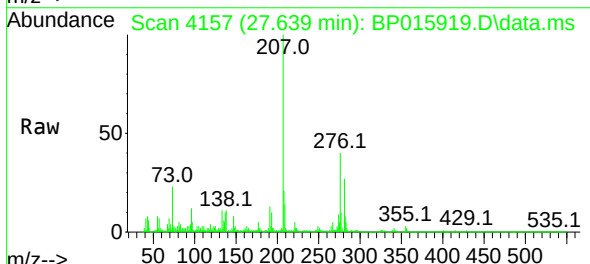
Tgt Ion:278 Resp: 84229
Ion Ratio Lower Upper
278 100
139 25.4 10.5 15.7
279 29.5 18.4 27.6

Manual Integrations
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Supervised By :mohammad ahmed 07/03/2023



#96
Benzo(g,h,i)perylene
Concen: 3.970 ng/ul
RT: 27.639 min Scan# 4157
Delta R.T. 0.012 min
Lab File: BP015919.D
Acq: 02 Jul 2023 11:45



Tgt Ion:276 Resp: 287744
Ion Ratio Lower Upper
276 100
138 27.0 15.1 22.7
277 25.2 18.8 28.2

