

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015950.D
 Acq On : 03 Jul 2023 14:30
 Operator : MA/JU
 Sample : 03243-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE0

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:22:09 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	196243	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	817228	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	472435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	955873	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	738923	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	867786	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27521	5.046	ng/uL	0.00
4) Pyridine-d5	3.834	84	83988	6.108	ng/u1	0.02
7) Phenol-d5	7.234	99	464447	27.661	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	324289	31.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	375568	29.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	361701	27.268	ng/u1	0.01
21) Nitrobenzene-d5	9.240	128	180490	28.899	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	197682	27.119	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	318634	24.530	ng/u1	0.04
31) 4-Chloroaniline-d4	11.063	131	289083	17.325	ng/u1	0.04
46) Dimethylphthalate-d6	14.110	166	1063828	29.134	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1222735	29.788	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	114429m	23.747	ng/u1	0.06
60) Fluorene-d10	15.698	176	887048	29.502	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	97675	16.616	ng/u1	0.02
73) Anthracene-d10	17.563	188	1295840	29.679	ng/u1	0.00
81) Pyrene-d10	19.792	212	1464693	30.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1331857	30.425	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	106081	2.345	ng/u1	99
74) Anthracene	17.610	178	154075	2.953	ng/u1	96
80) Fluoranthene	19.469	202	216368	3.608	ng/u1#	94
82) Pyrene	19.822	202	285112	4.661	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	228378	4.394	ng/u1	96
87) Chrysene	21.592	228	421827	8.554	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	1086802	19.491	ng/u1#	96
91) Benzo(k)fluoranthene	23.357	252	315685	5.604	ng/u1#	90
93) Benzo(a)pyrene	23.980	252	568298	11.664	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	659592	9.973	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.792	278	184927	3.404	ng/u1#	81
96) Benzo(g,h,i)perylene	27.633	276	596919	10.970	ng/u1#	92

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

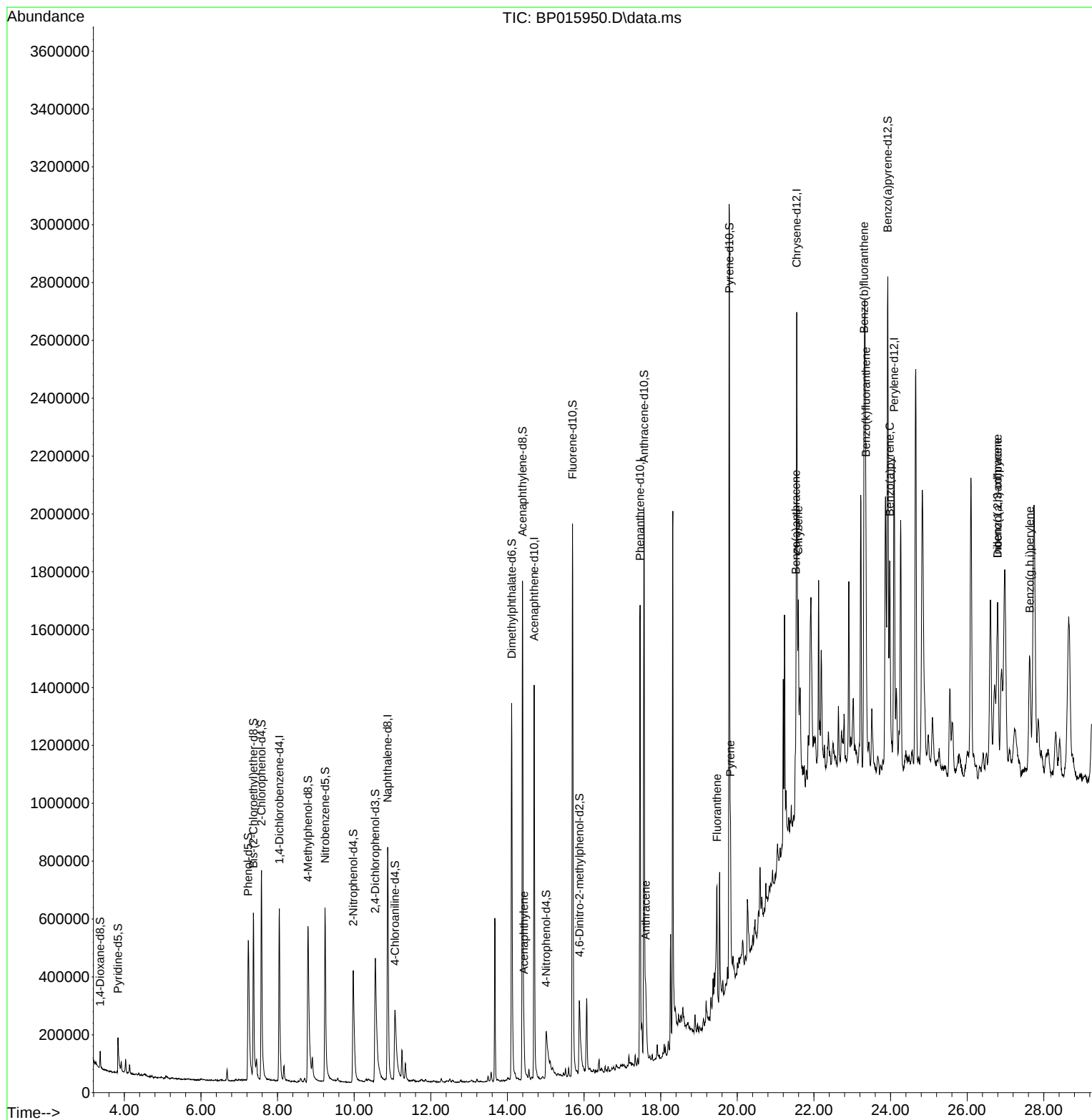
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
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 Operator : MA/JU
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 ALS Vial : 30 Sample Multiplier: 1

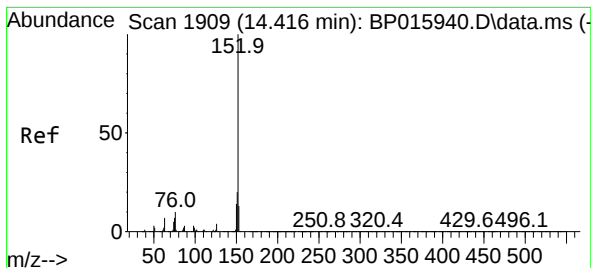
Instrument :
 BNA_P
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Quant Time: Jul 03 23:22:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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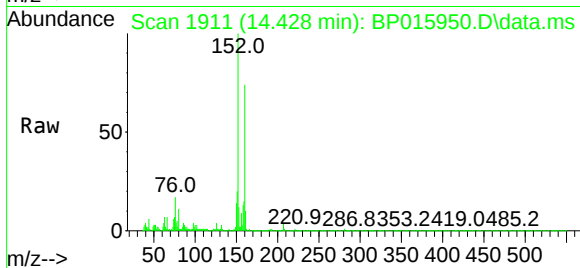
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023





#50
Acenaphthylene
Concen: 2.345 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015950.D
Acq: 03 Jul 2023 14:30

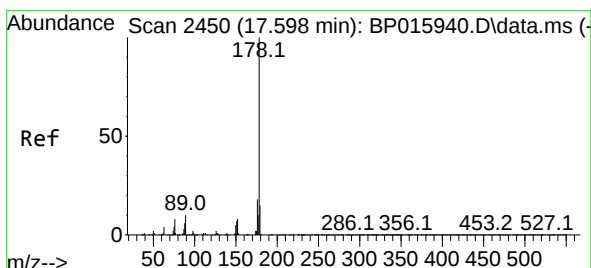
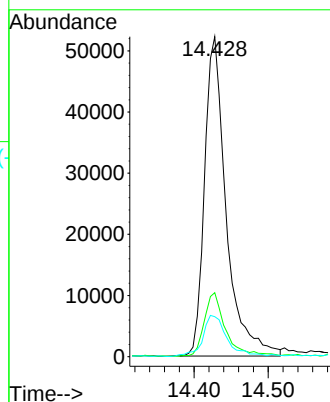
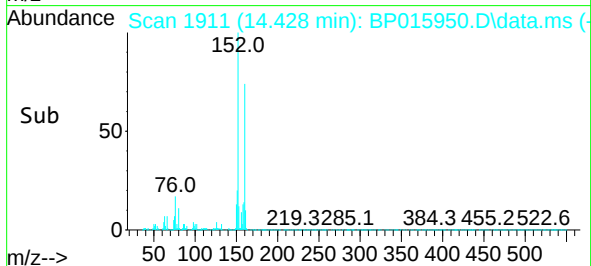
Instrument :
BNA_P
ClientSampleId :
DCGE0



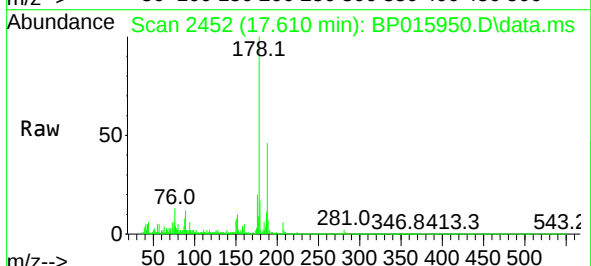
Tgt Ion:152 Resp: 10608
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.5 10.5 15.7

Manual Integrations
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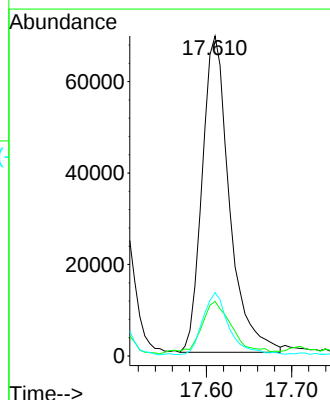
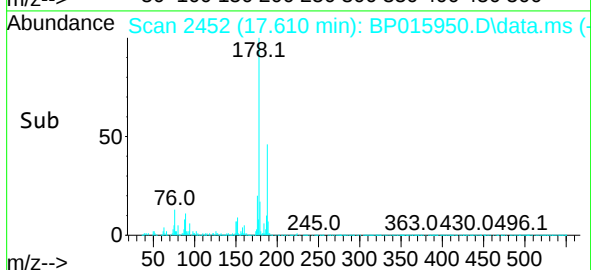
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

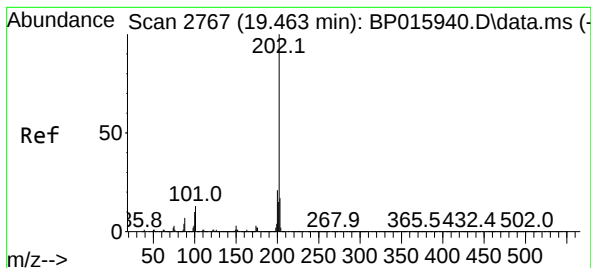


#74
Anthracene
Concen: 2.953 ng/ul
RT: 17.610 min Scan# 2452
Delta R.T. 0.012 min
Lab File: BP015950.D
Acq: 03 Jul 2023 14:30



Tgt Ion:178 Resp: 154075
Ion Ratio Lower Upper
178 100
179 17.0 12.1 18.1
176 19.8 14.6 22.0





#80

Fluoranthene

Concen: 3.608 ng/u1

RT: 19.469 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Instrument :

BNA_P

ClientSampleId :

DCGE0

Tgt Ion:202 Resp: 21636

Ion Ratio Lower Upper

202 100

101 13.2 8.3 12.5

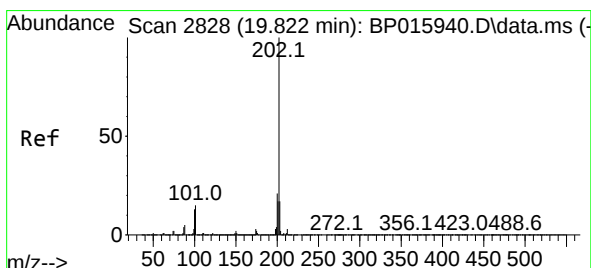
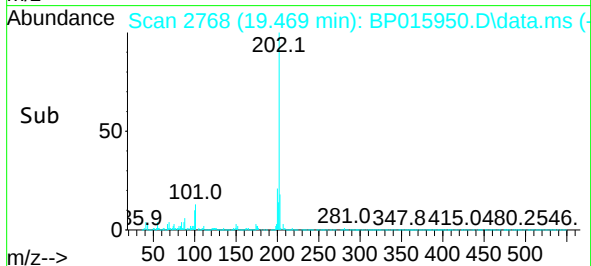
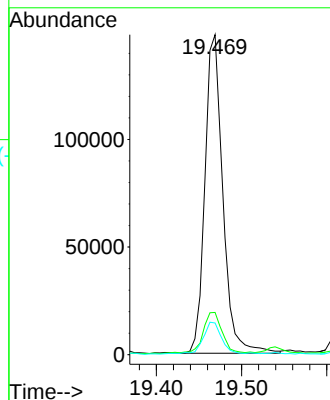
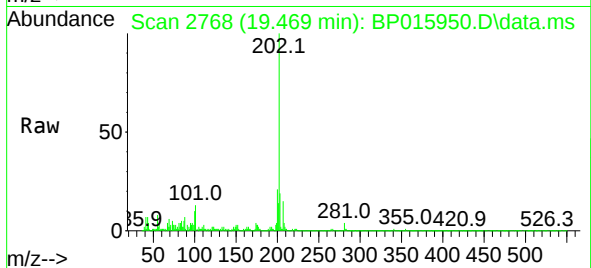
100 9.9 6.6 9.8

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#82

Pyrene

Concen: 4.661 ng/u1

RT: 19.822 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

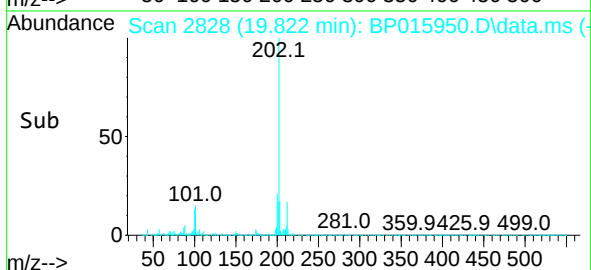
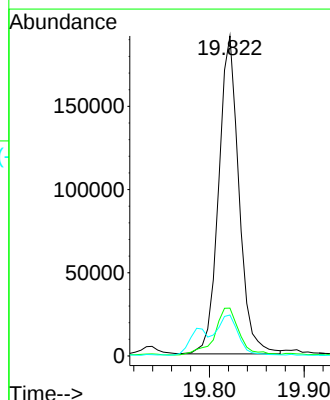
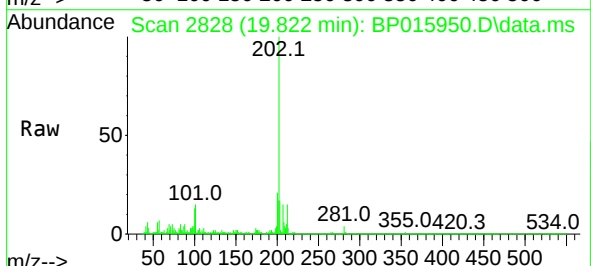
Tgt Ion:202 Resp: 285112

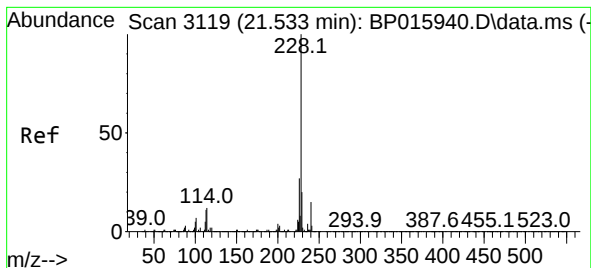
Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9#

100 12.8 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 4.394 ng/u1

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Instrument :

BNP_P

ClientSampleId :

DCGE0

Tgt Ion:228 Resp: 228378

Ion Ratio Lower Upper

228 100

229 22.4 15.3 22.9

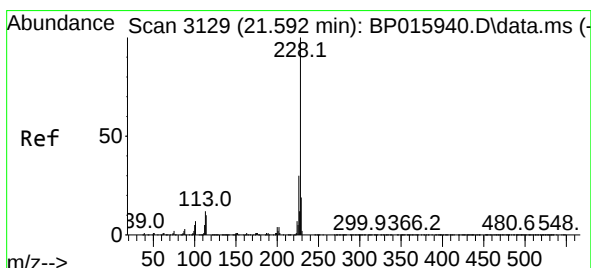
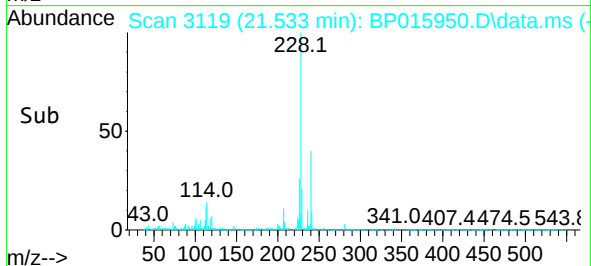
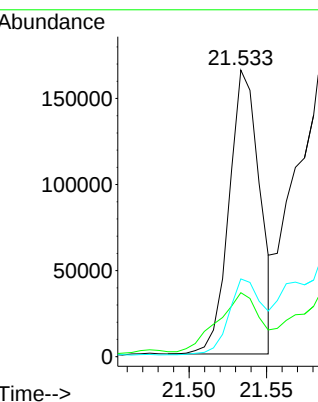
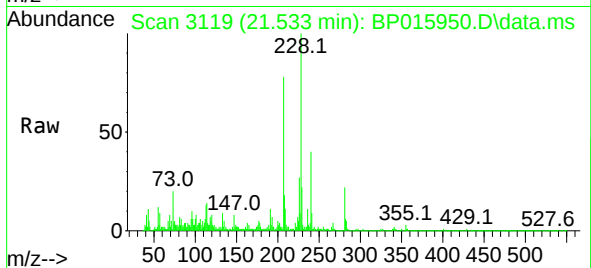
226 27.1 21.4 32.0

Manual Integrations

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#87

Chrysene

Concen: 8.554 ng/u1

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

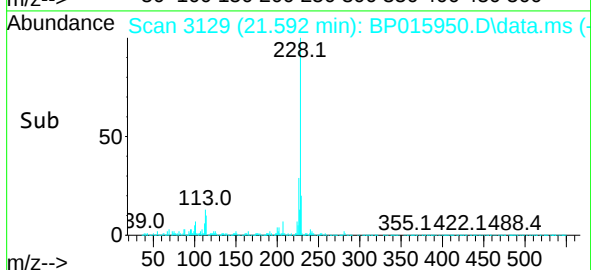
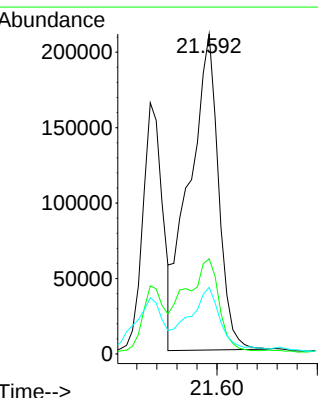
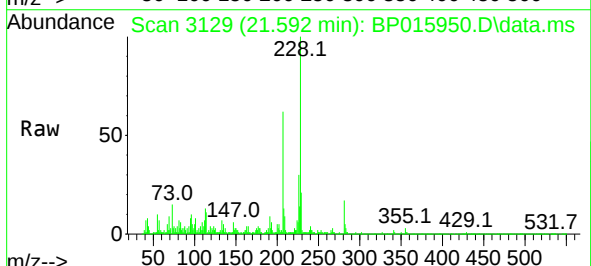
Tgt Ion:228 Resp: 421827

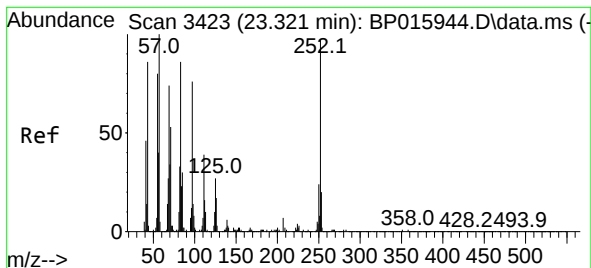
Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 20.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 19.491 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Instrument :

BNA_P

ClientSampleId :

DCGE0

Tgt Ion:252 Resp: 108680

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

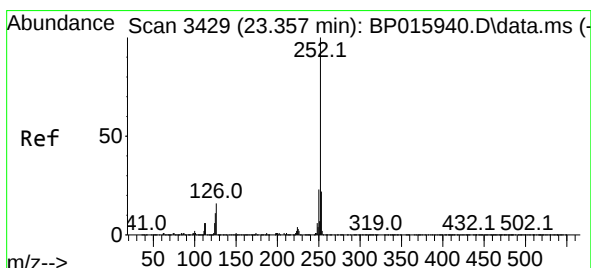
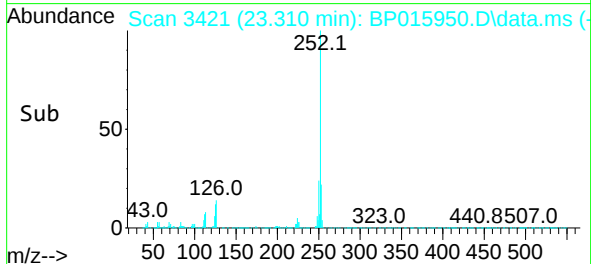
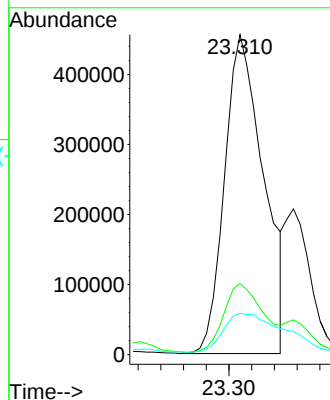
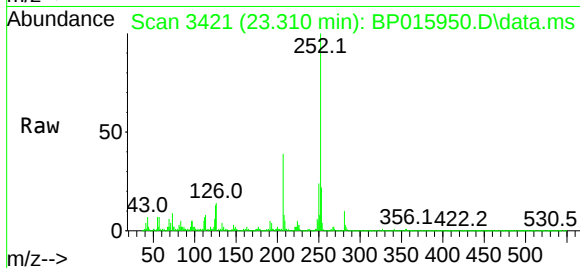
125 13.0 7.5 11.3

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 5.604 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

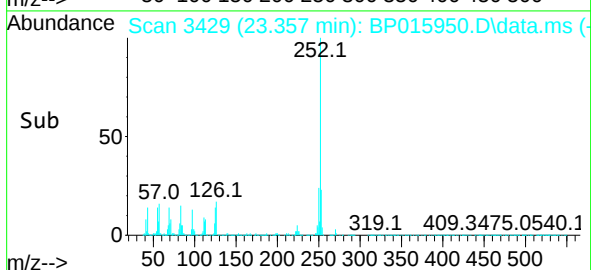
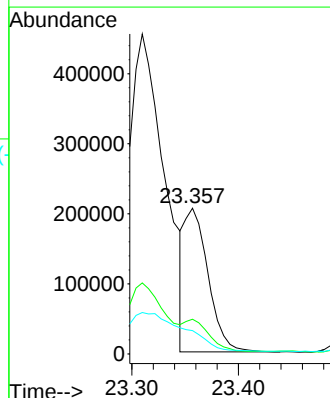
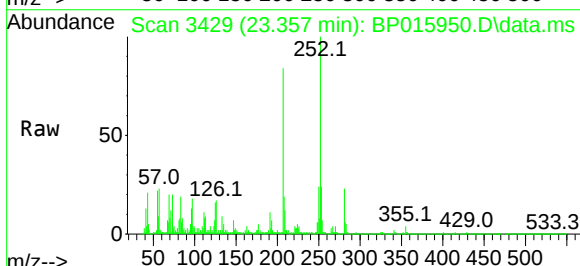
Tgt Ion:252 Resp: 315685

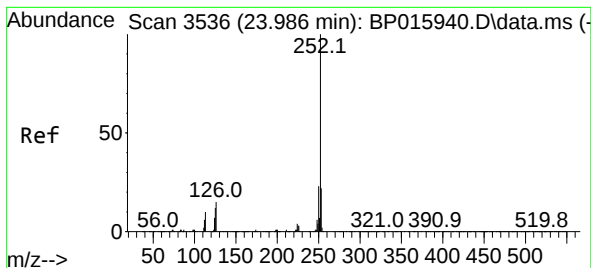
Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 16.0 7.3 10.9





#93

Benzo(a)pyrene

Concen: 11.664 ng/ul

RT: 23.980 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Instrument :

BNA_P

ClientSampleId :

DCGE0

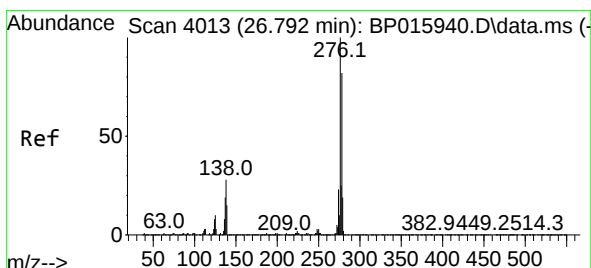
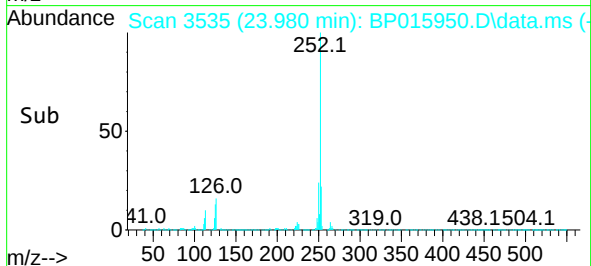
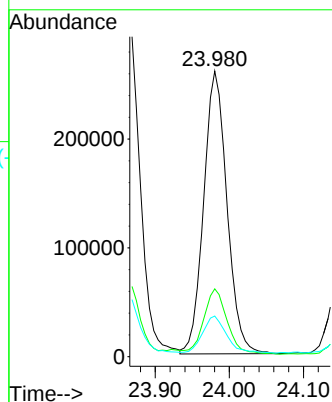
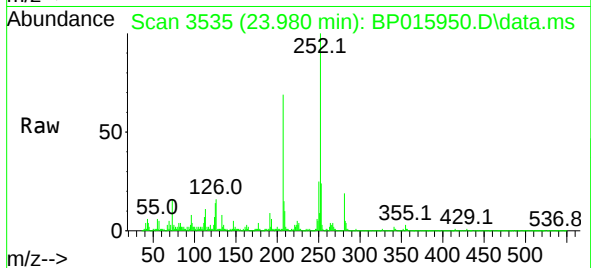
Tgt Ion:252 Resp: 568298
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.7 26.5
 125 14.2 8.2 12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 9.973 ng/ul

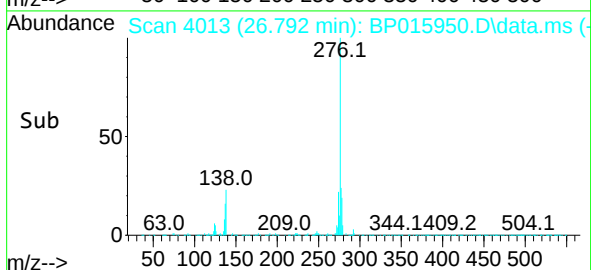
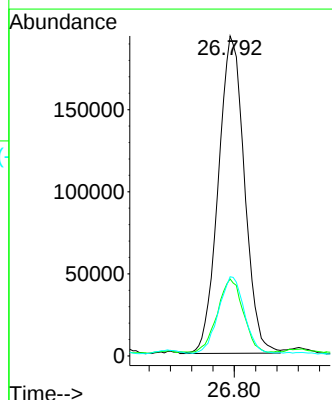
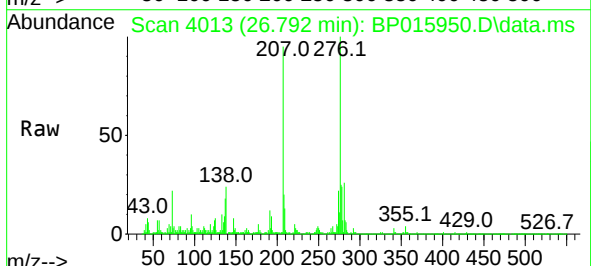
RT: 26.792 min Scan# 4013

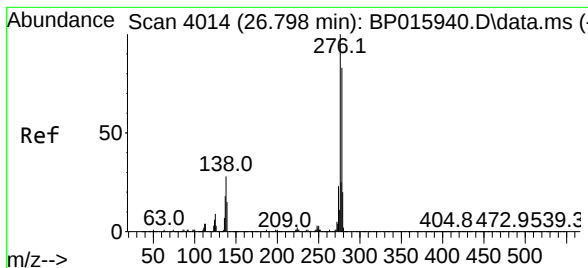
Delta R.T. 0.000 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Tgt Ion:276 Resp: 659592
 Ion Ratio Lower Upper
 276 100
 138 24.0 15.7 23.5#
 277 24.8 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 3.404 ng/ul

RT: 26.792 min Scan# 4014

Delta R.T. -0.005 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Instrument :

BNP_P

ClientSampleId :

DCGE0

Tgt Ion:278 Resp: 18492

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

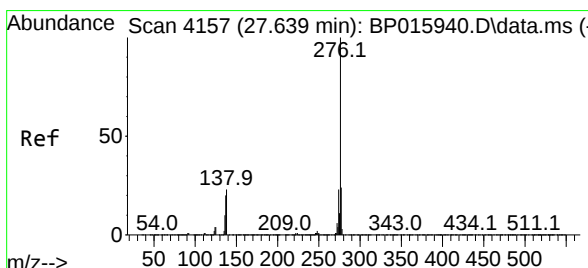
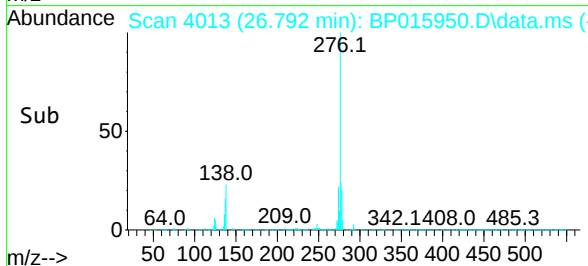
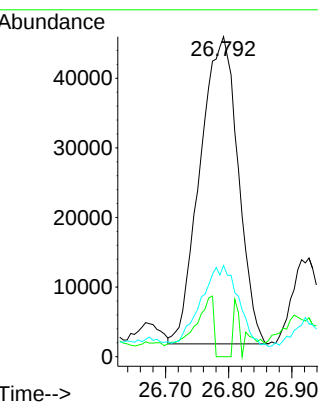
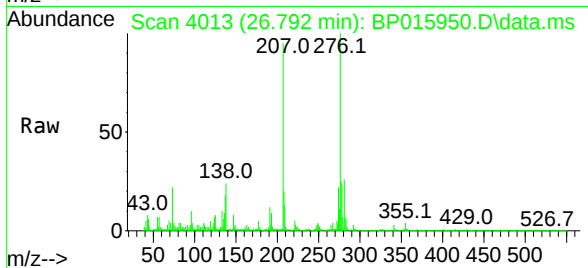
279 28.5 18.4 27.6

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 10.970 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015950.D

Acq: 03 Jul 2023 14:30

Tgt Ion:276 Resp: 596919

Ion Ratio Lower Upper

276 100

138 25.0 15.1 22.7

277 25.1 18.8 28.2

