

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015648.D
 Acq On : 22 Jun 2023 15:39
 Operator : MA/JU
 Sample : 03083-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 22:50:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	135992	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	571064	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	320007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	543093	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	448524	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	582462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9665	2.632	ng/uL	0.00
4) Pyridine-d5	3.846	84	100124	10.496	ng/u1	0.00
7) Phenol-d5	7.240	99	210861	16.831	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	131484	17.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	170623	18.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	157986	15.365	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	85394	19.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	93406	18.243	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	163933	17.552	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	91703	6.840	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	537809	21.312	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	591416	21.434	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	43589	9.646	ng/u1	0.02
60) Fluorene-d10	15.722	176	411636	19.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	47868m	13.913	ng/u1	0.00
73) Anthracene-d10	17.586	188	508386	20.574	ng/u1	0.00
81) Pyrene-d10	19.816	212	548631	22.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	633230	21.667	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	38414	1.257	ng/u1	97
72) Phenanthrene	17.528	178	242892	8.334	ng/u1	99
74) Anthracene	17.622	178	52196	1.765	ng/u1	97
80) Fluoranthene	19.486	202	530691	18.149	ng/u1	99
82) Pyrene	19.839	202	424748	14.040	ng/u1	99
85) Benzo(a)anthracene	21.557	228	237444	7.573	ng/u1	97
87) Chrysene	21.616	228	281113	9.485	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	446874	11.886	ng/u1	99
91) Benzo(k)fluoranthene	23.392	252	139498m	3.838	ng/u1	
93) Benzo(a)pyrene	24.015	252	256947	7.839	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.839	276	228878	5.395	ng/u1	95
95) Dibenzo(a,h)anthracene	26.839	278	59950	1.735	ng/u1#	82
96) Benzo(g,h,i)perylene	27.674	276	233818	6.688	ng/u1	98

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

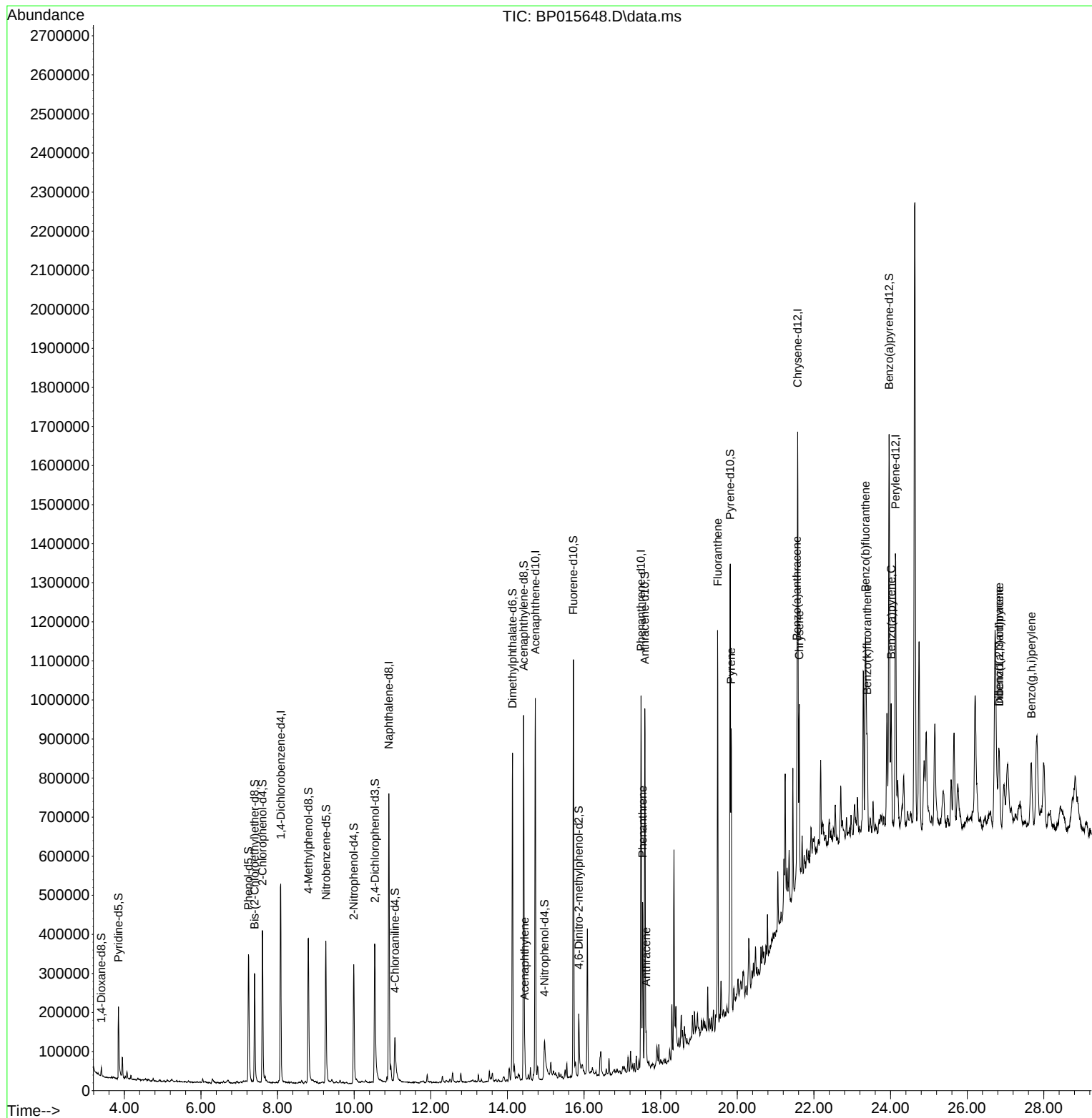
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015648.D
 Acq On : 22 Jun 2023 15:39
 Operator : MA/JU
 Sample : 03083-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

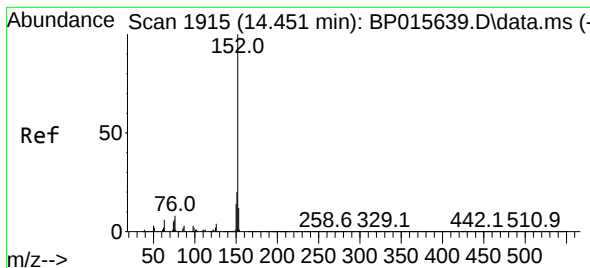
Instrument :
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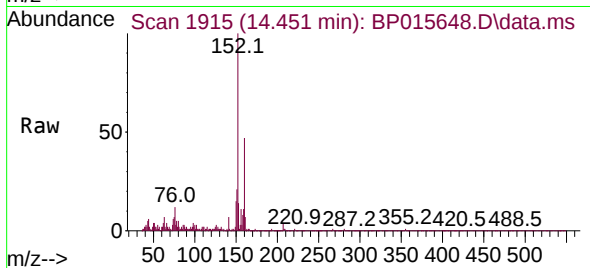
Quant Time: Jun 22 22:50:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.257 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

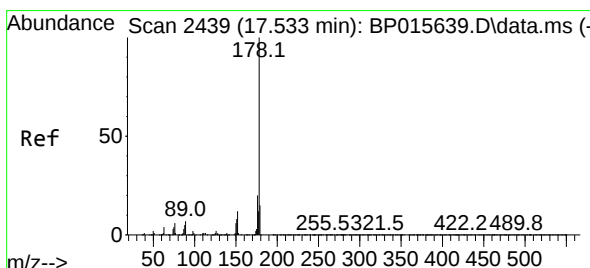
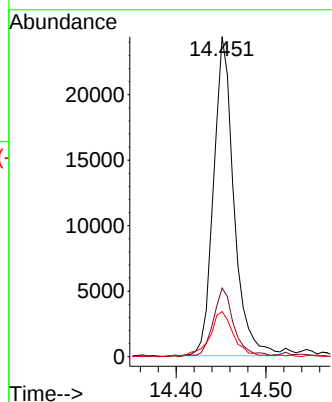
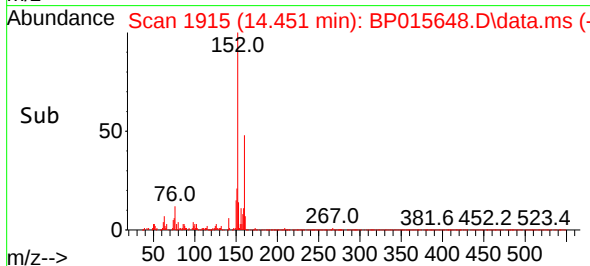
Instrument :
BNA_P
ClientSampleId :
DCFK8



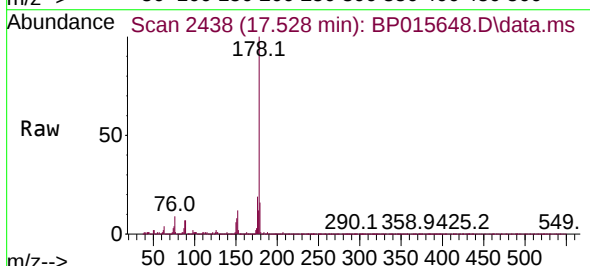
Tgt Ion:152 Resp: 38414
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 14.1 10.6 15.8

Manual Integrations
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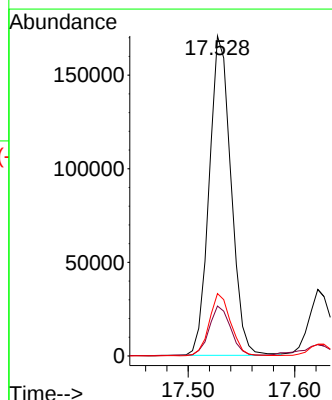
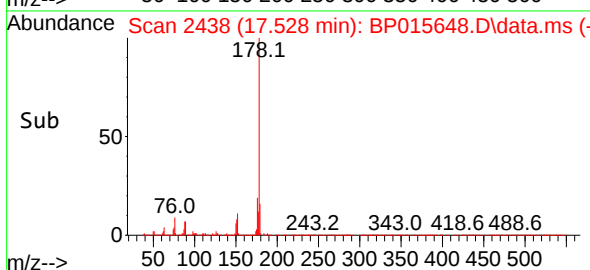
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

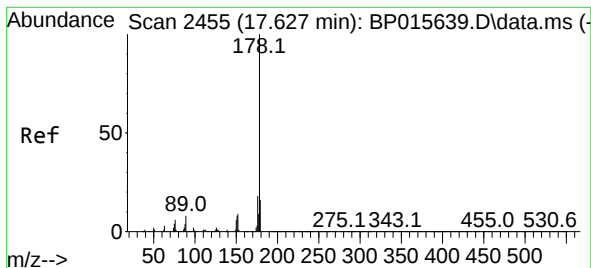


#72
Phenanthrene
Concen: 8.334 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39



Tgt Ion:178 Resp: 242892
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.5 15.4 23.0





#74

Anthracene

Concen: 1.765 ng/ul

RT: 17.622 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8

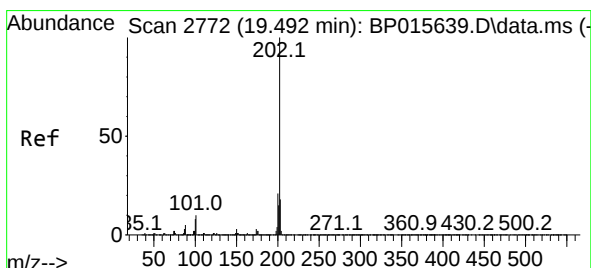
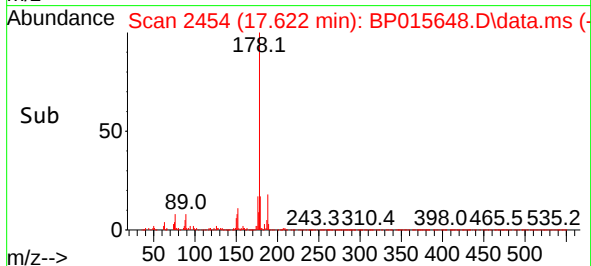
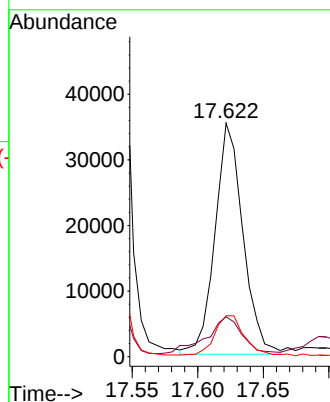
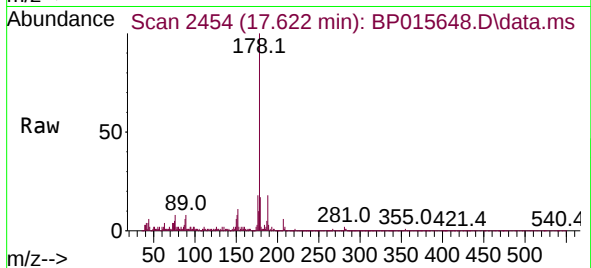
Tgt Ion:178	Resp:	52190
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.4 18.6
176	17.6	15.0 22.4

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#80

Fluoranthene

Concen: 18.149 ng/ul

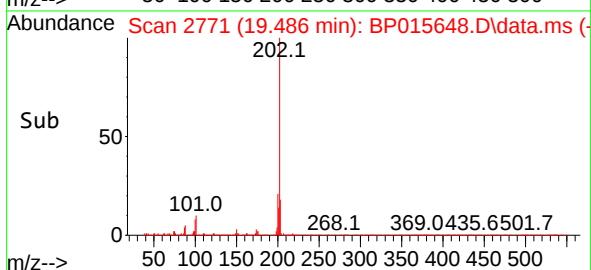
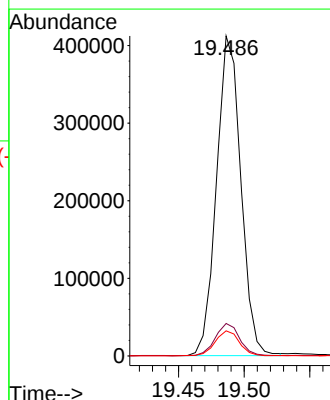
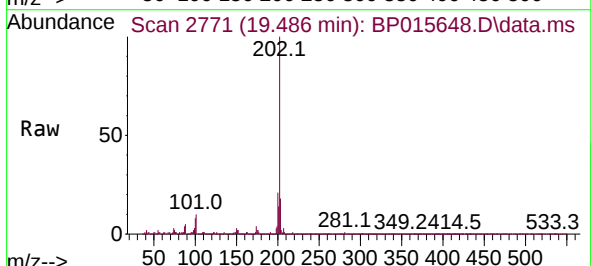
RT: 19.486 min Scan# 2771

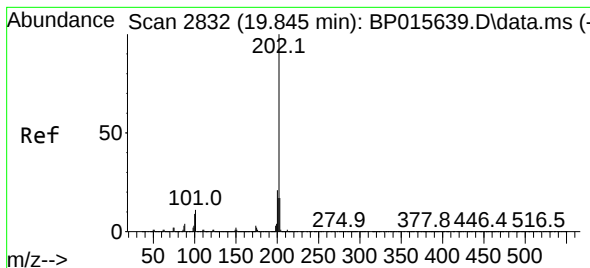
Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Tgt Ion:202	Resp:	530691
Ion Ratio	Lower	Upper
202	100	
101	10.2	8.6 13.0
100	7.8	6.6 9.8





#82

Pyrene

Concen: 14.040 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8

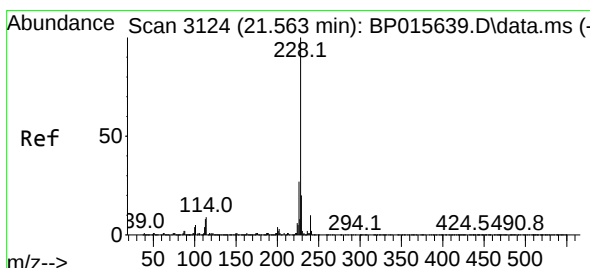
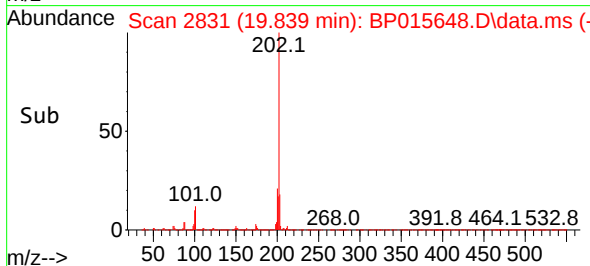
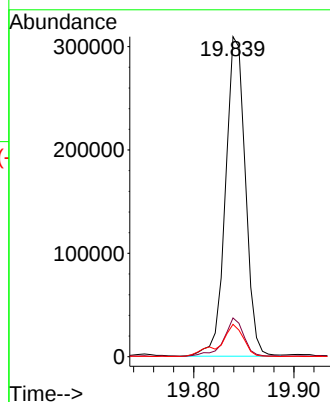
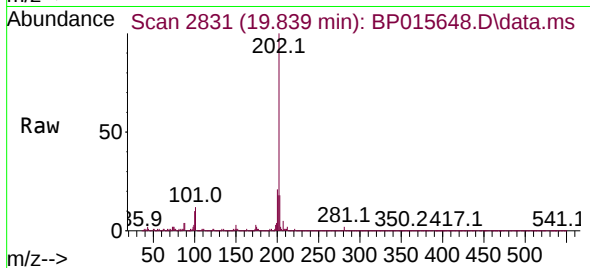
Tgt Ion:	202	Resp:	424744
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
100	10.1	8.4	12.6

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Supervised By :mohammad ahmed 06/23/2023



#85

Benzo(a)anthracene

Concen: 7.573 ng/ul

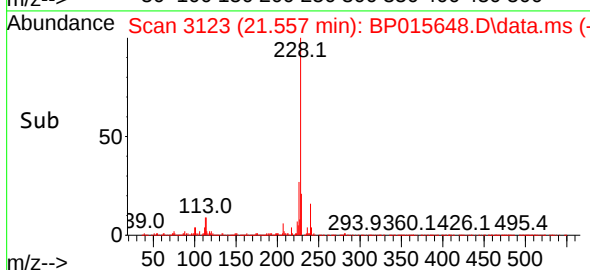
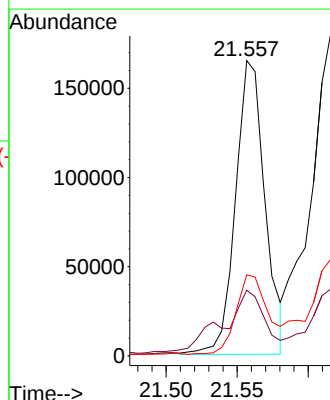
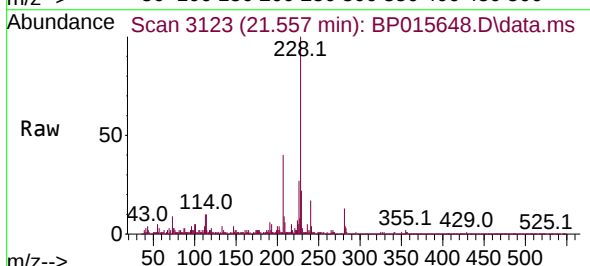
RT: 21.557 min Scan# 3123

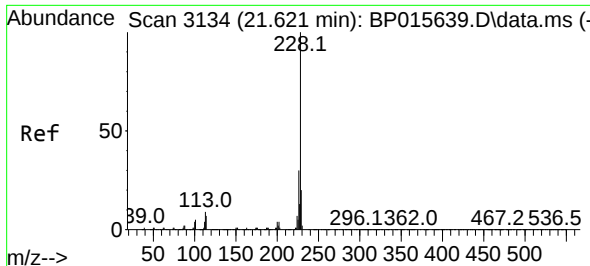
Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Tgt Ion:	228	Resp:	237444
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.8	23.6
226	27.5	21.8	32.6





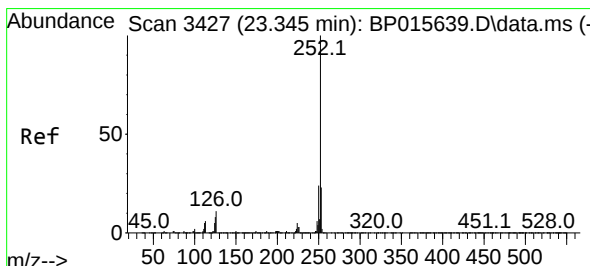
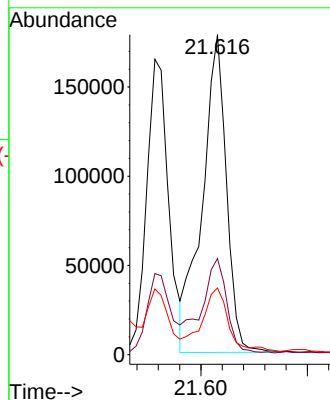
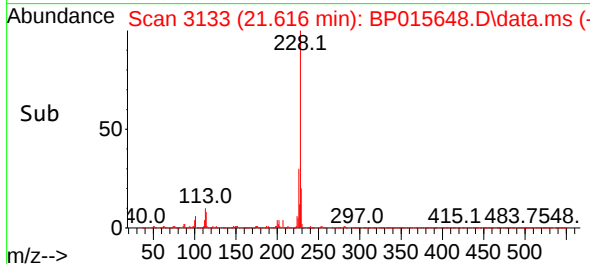
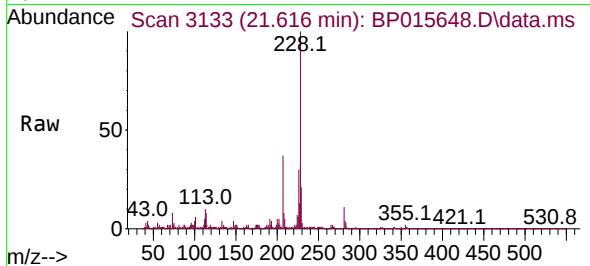
#87
Chrysene
Concen: 9.485 ng/ul
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Instrument :
BNA_P
ClientSampleId :
DCFK8

Tgt Ion:228 Resp: 281111
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 20.9 15.1 22.7

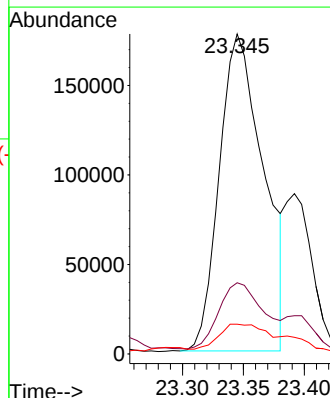
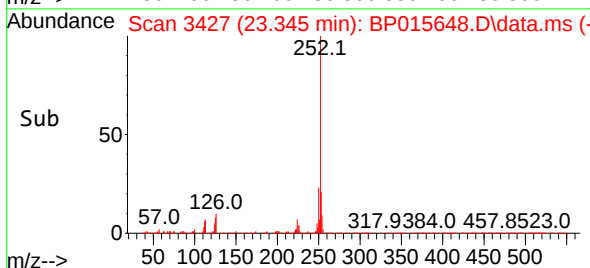
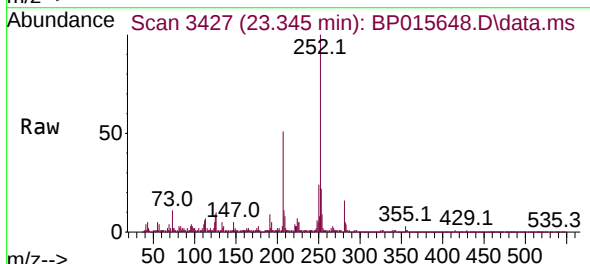
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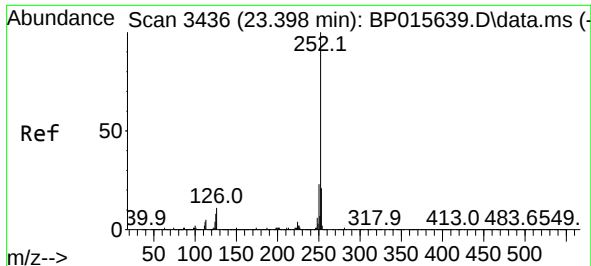
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(b)fluoranthene
Concen: 11.886 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Tgt Ion:252 Resp: 446874
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.3 7.3 10.9





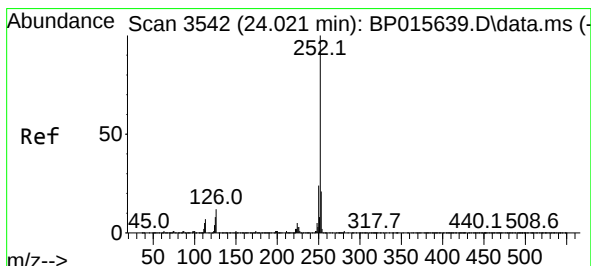
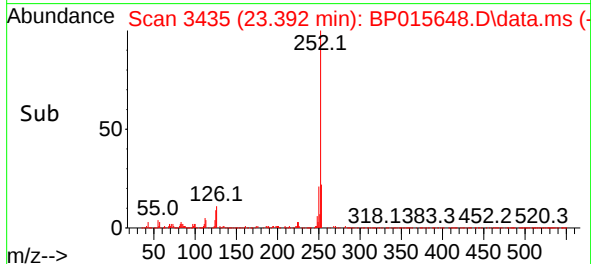
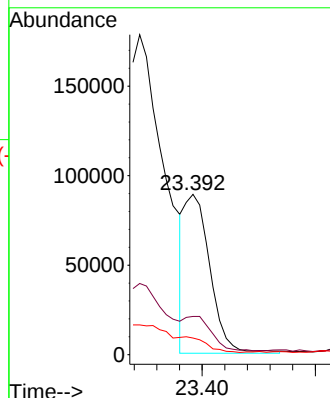
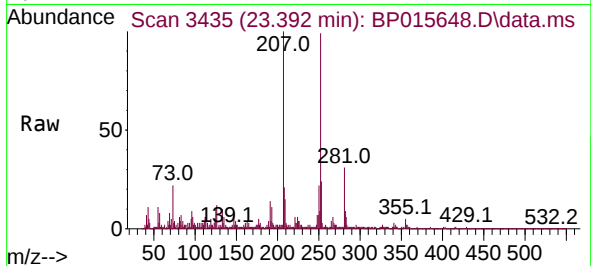
#91
Benzo(k)fluoranthene
Concen: 3.838 ng/ul m
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Instrument :
BNA_P
ClientSampleId :
DCFK8

Tgt Ion:252 Resp: 139498
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 10.4 7.3 10.9

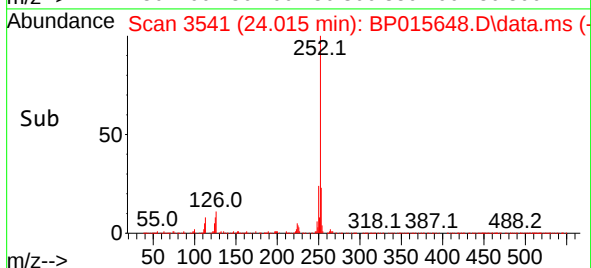
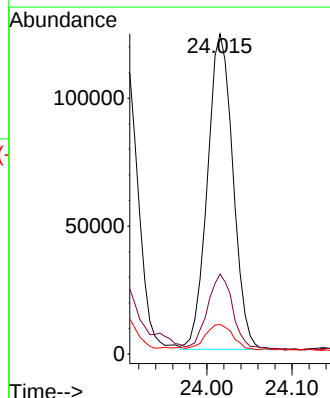
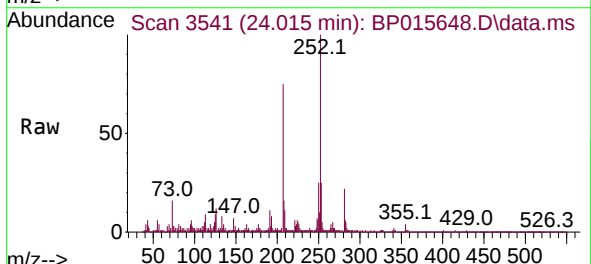
Manual Integrations
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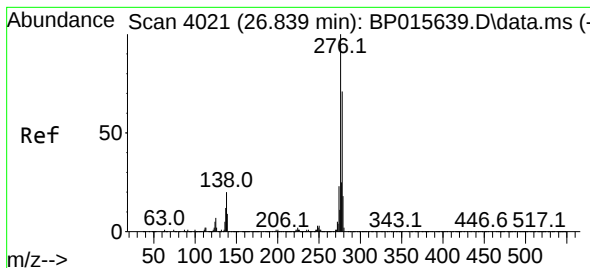
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#93
Benzo(a)pyrene
Concen: 7.839 ng/ul
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Tgt Ion:252 Resp: 256947
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 9.2 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.395 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. 0.000 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNP_P

ClientSampleId :

DCFK8

Tgt Ion:276 Resp: 228878

Ion Ratio Lower Upper

276 100

138 17.7 17.3 25.9

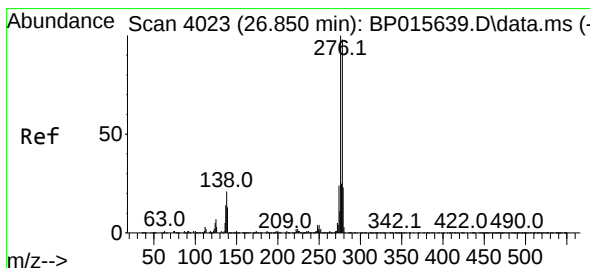
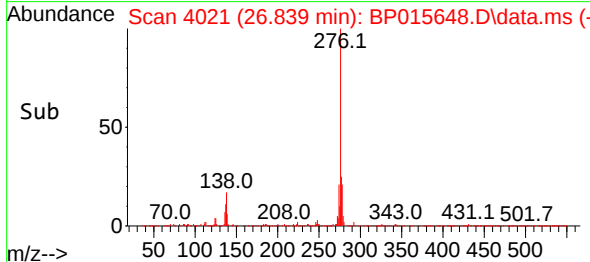
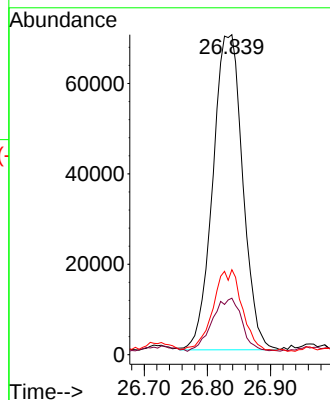
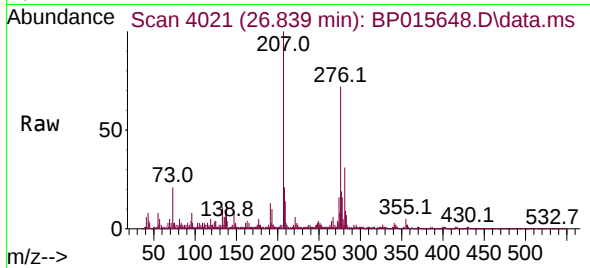
277 26.6 20.2 30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.735 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.012 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

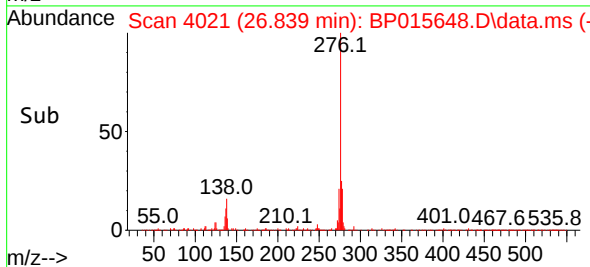
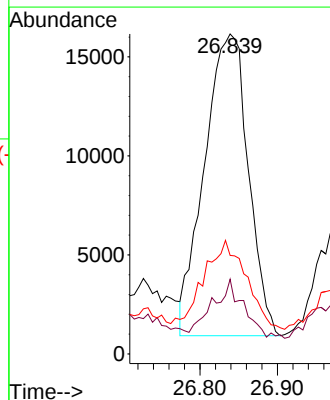
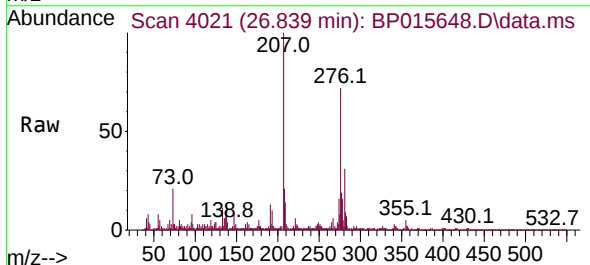
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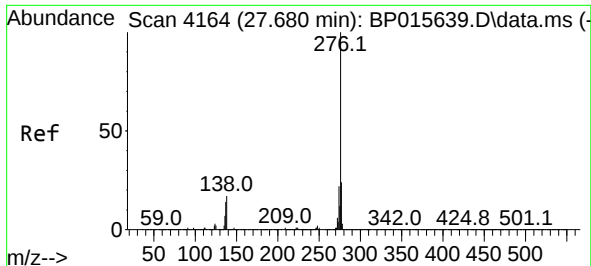
Ion Ratio Lower Upper

278 100

139 23.3 11.4 17.0#

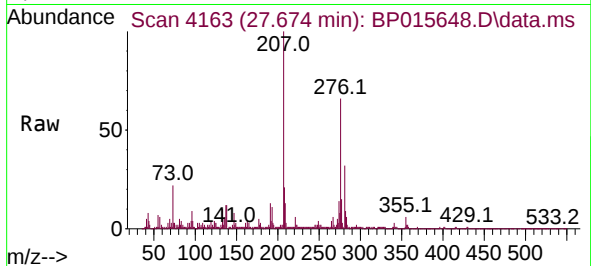
279 30.8 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 6.688 ng/ul
 RT: 27.674 min Scan# 4163
 Delta R.T. -0.006 min
 Lab File: BP015648.D
 Acq: 22 Jun 2023 15:39

Instrument :
 BNA_P
 ClientSampleId :
 DCFK8



Tgt Ion:276 Resp: 233818
 Ion Ratio Lower Upper
 276 100
 138 18.2 15.6 23.4
 277 23.1 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
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