

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015664.D
 Acq On : 23 Jun 2023 00:40
 Operator : MA/JU
 Sample : 03083-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK3

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:44:15 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	105365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	385593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	206401	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	432629	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	434025	20.000	ng/u1	# 0.00
88) Perylene-d12	24.145	264	538685	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8414	2.957	ng/uL	0.00
4) Pyridine-d5	3.852	84	68962	9.331	ng/u1	0.01
7) Phenol-d5	7.252	99	142758	14.707	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.405	67	96053	16.569	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	123177	17.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	104159	13.074	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	55649	18.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	63642	18.409	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	99226	15.734	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	62375	6.891	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	317101	19.483	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	361247	20.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	29256m	10.038	ng/u1	0.03
60) Fluorene-d10	15.728	176	259682	18.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	24626m	8.985	ng/u1	0.01
73) Anthracene-d10	17.592	188	388938	19.759	ng/u1	0.00
81) Pyrene-d10	19.822	212	500383	21.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	560710	20.745	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.957	128	29527	1.413	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	16943	1.153	ng/u1	99
37) 1-Methylnaphthalene	12.787	142	15528	1.050	ng/u1#	97
50) Acenaphthylene	14.457	152	35264	1.789	ng/u1	99
72) Phenanthrene	17.534	178	99895	4.303	ng/u1	98
80) Fluoranthene	19.492	202	209208	7.394	ng/u1	100
82) Pyrene	19.845	202	175696	6.002	ng/u1	98
85) Benzo(a)anthracene	21.569	228	100363m	3.308	ng/u1	
87) Chrysene	21.622	228	127948	4.461	ng/u1#	96
90) Benzo(b)fluoranthene	23.357	252	191870	5.518	ng/u1#	80
91) Benzo(k)fluoranthene	23.398	252	77531m	2.307	ng/u1	
93) Benzo(a)pyrene	24.033	252	109570	3.614	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.863	276	103866	2.647	ng/u1	93
96) Benzo(g,h,i)perylene	27.704	276	102991	3.185	ng/u1	95

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

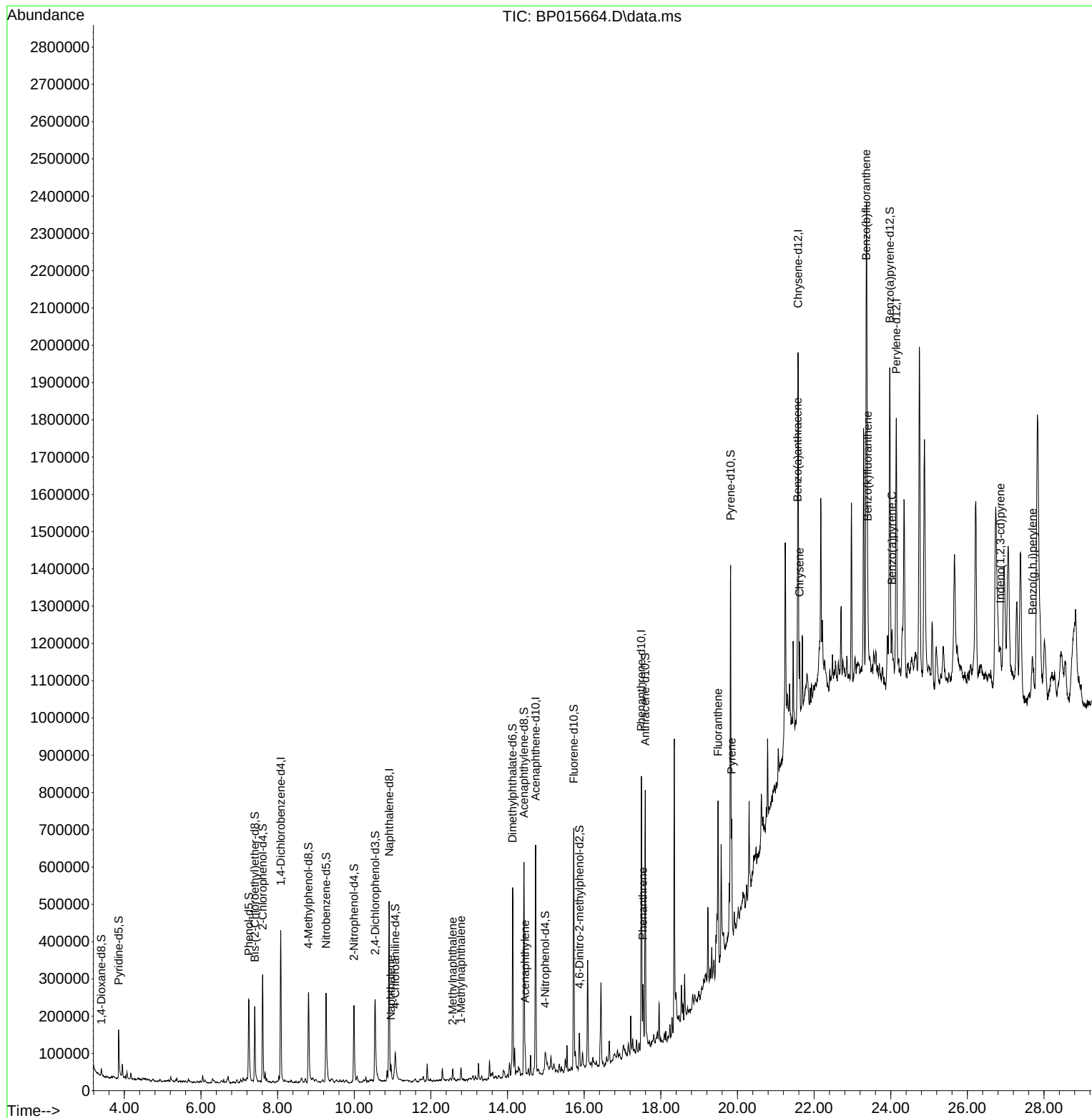
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015664.D
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Operator : MA/JU
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ALS Vial : 26 Sample Multiplier: 1

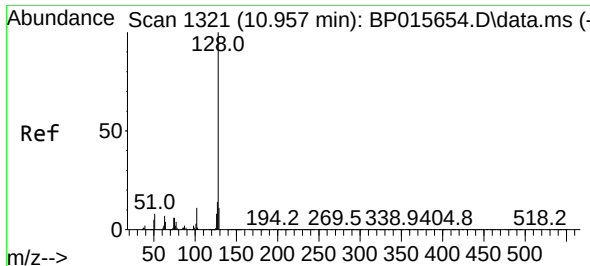
Instrument :
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Quant Title : SVOA CALIBRATION
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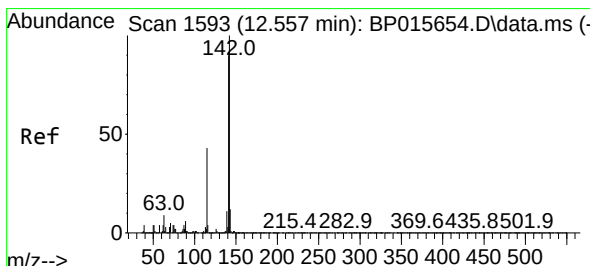
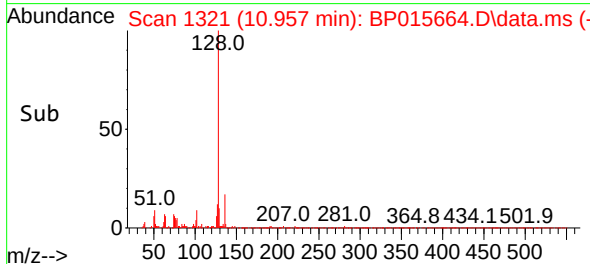
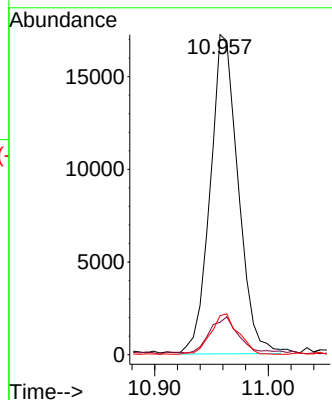
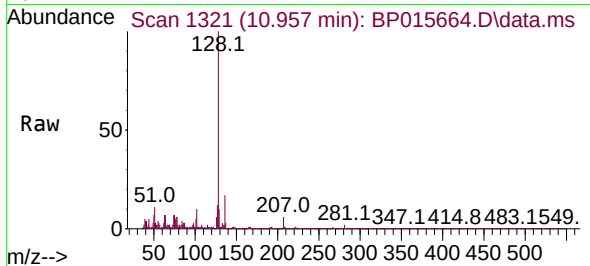
#30
Naphthalene
Concen: 1.413 ng/ul
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

Instrument :
BNA_P
ClientSampleId :
DCFK3

Tgt Ion:128 Resp: 2952
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.2 10.5 15.7

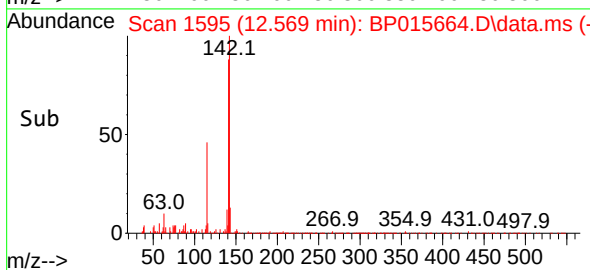
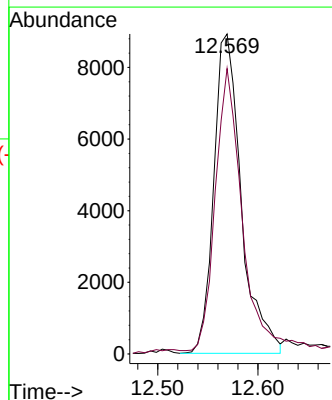
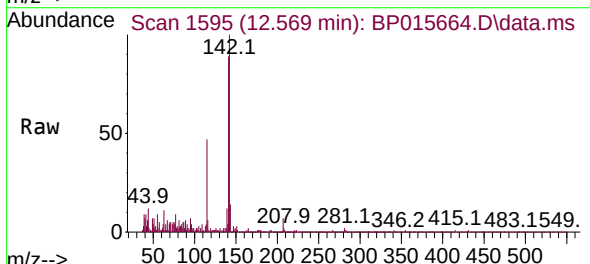
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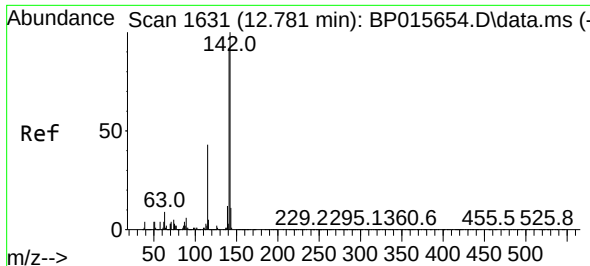
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
2-Methylnaphthalene
Concen: 1.153 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

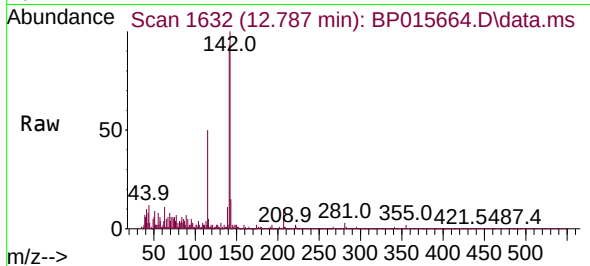
Tgt Ion:142 Resp: 16943
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0





#37
1-Methylnaphthalene
Concen: 1.050 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

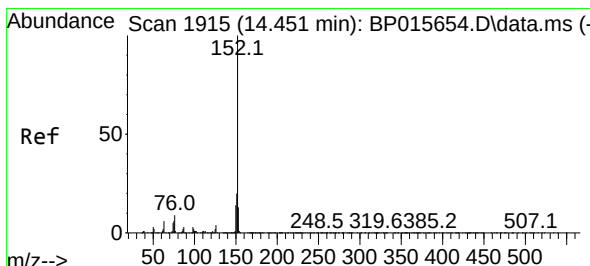
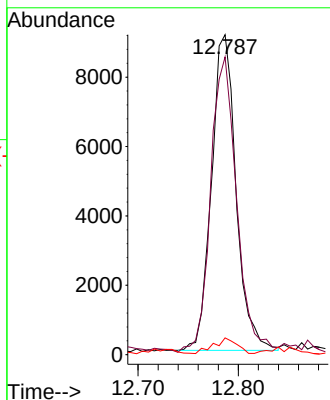
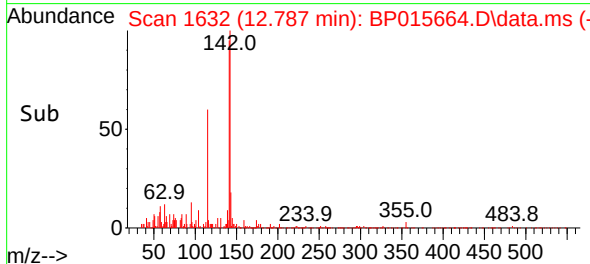
Instrument :
BNA_P
ClientSampleId :
DCFK3



Tgt Ion:142 Resp: 15528
Ion Ratio Lower Upper
142 100
141 93.1 71.9 107.9
116 5.2 3.4 5.2

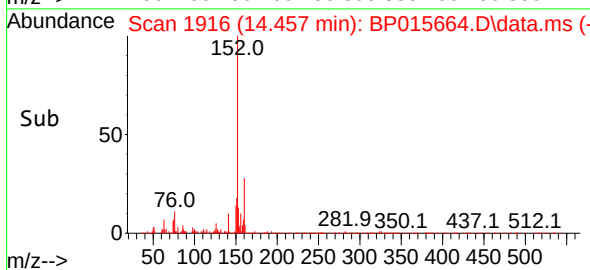
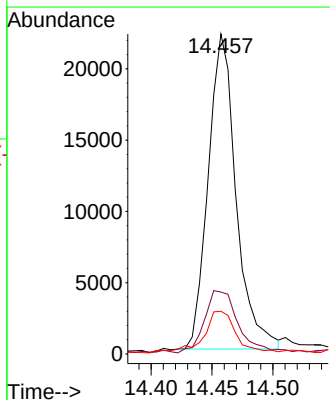
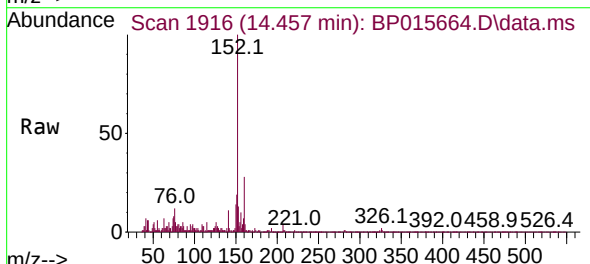
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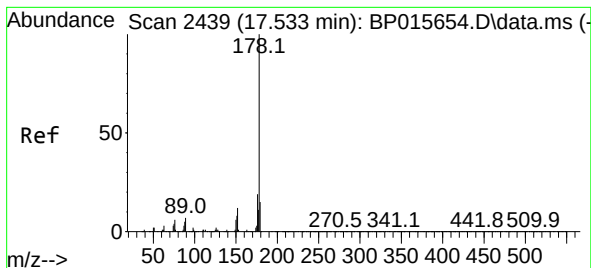
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#50
Acenaphthylene
Concen: 1.789 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

Tgt Ion:152 Resp: 35264
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 13.4 10.6 15.8





#72

Phenanthrene

Concen: 4.303 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

Instrument :

BNP_P

ClientSampleId :

DCFK3

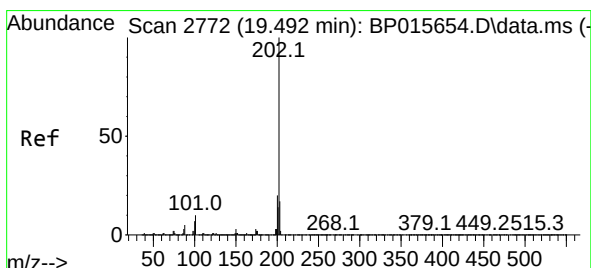
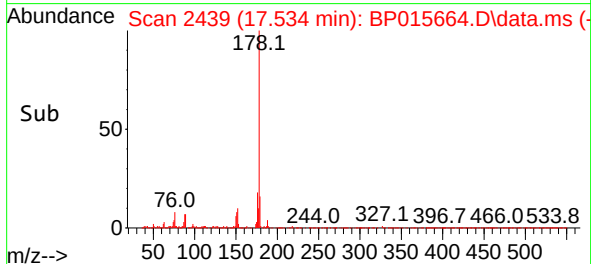
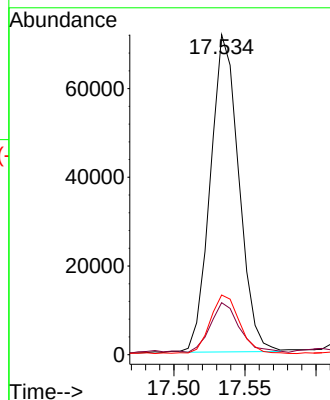
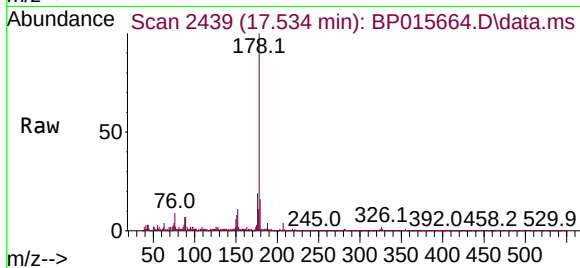
Tgt Ion:178	Resp:	9989
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.3 18.5
176	18.7	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#80

Fluoranthene

Concen: 7.394 ng/ul

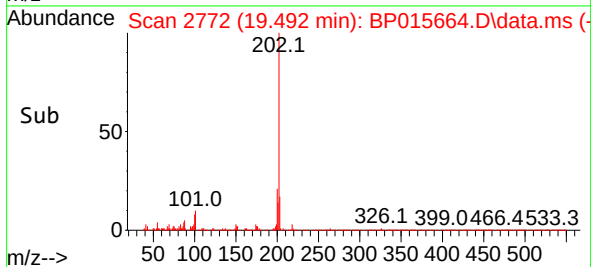
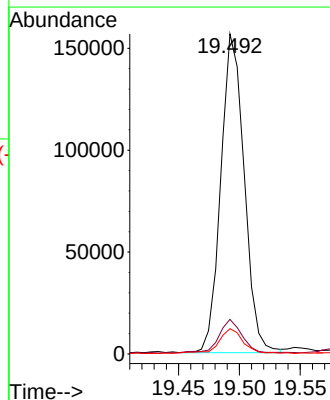
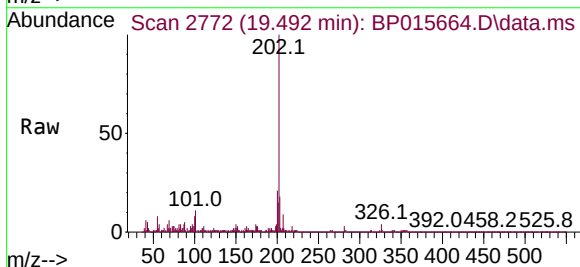
RT: 19.492 min Scan# 2772

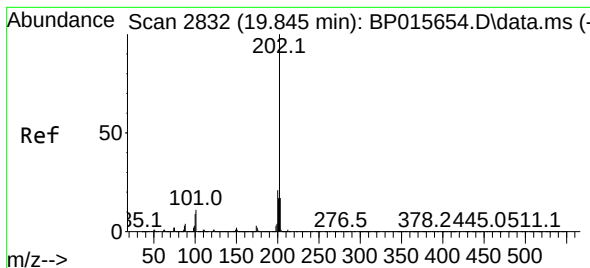
Delta R.T. 0.000 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

Tgt Ion:202	Resp:	209208
Ion Ratio	Lower	Upper
202	100	
101	10.8	8.6 13.0
100	7.9	6.6 9.8





#82

Pyrene

Concen: 6.002 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

Instrument :

BNA_P

ClientSampleId :

DCFK3

Tgt Ion:202 Resp: 175690

Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

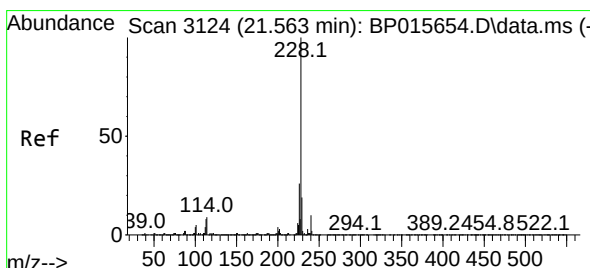
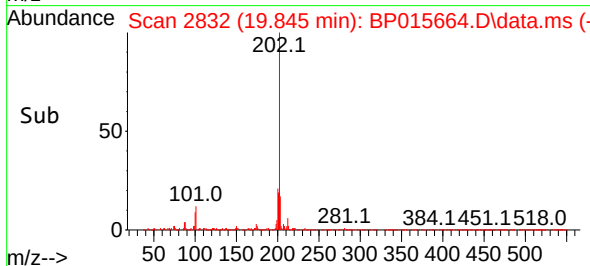
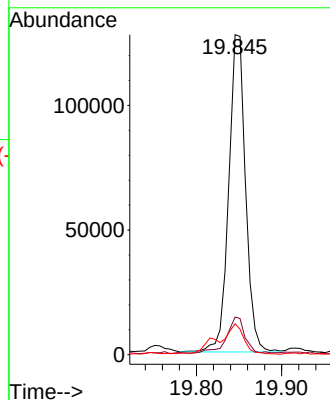
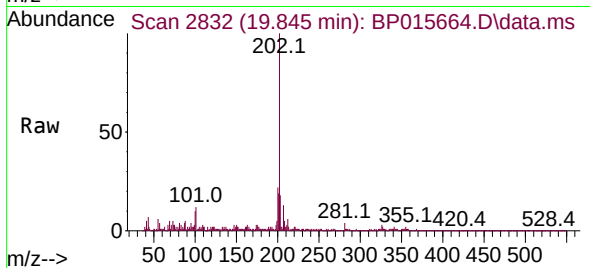
100 9.6 8.4 12.6

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#85

Benzo(a)anthracene

Concen: 3.308 ng/ul m

RT: 21.569 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

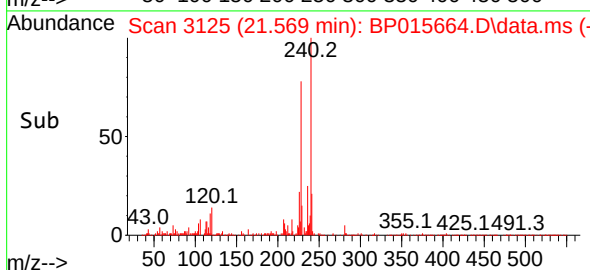
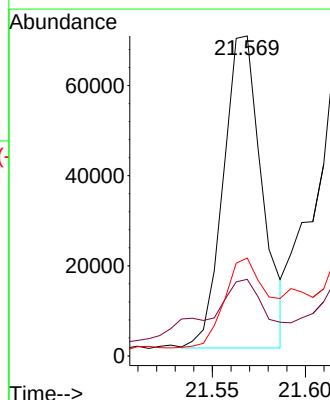
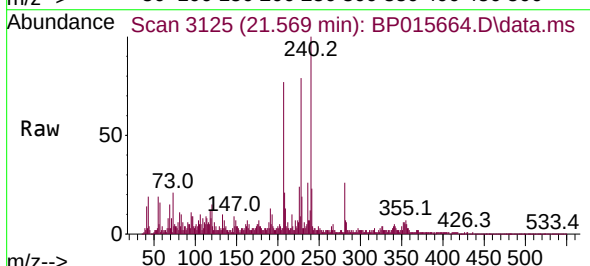
Tgt Ion:228 Resp: 100363

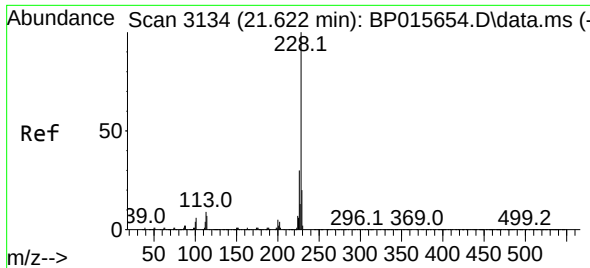
Ion Ratio Lower Upper

228 100

229 24.0 15.8 23.6#

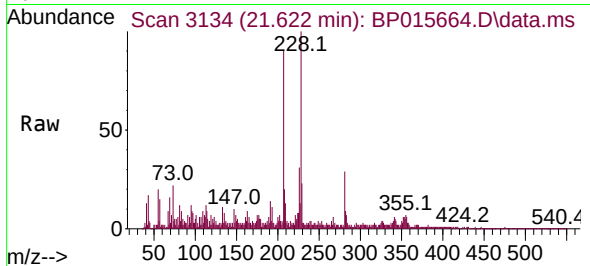
226 30.6 21.8 32.6





#87
Chrysene
Concen: 4.461 ng/u1
RT: 21.622 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

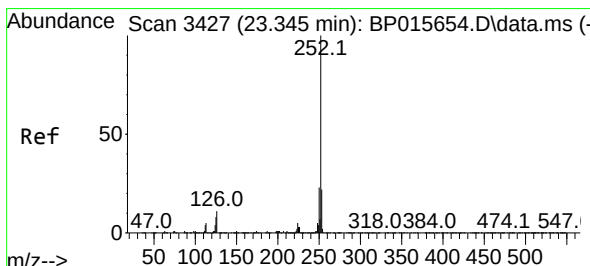
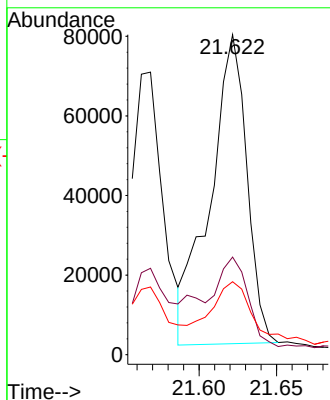
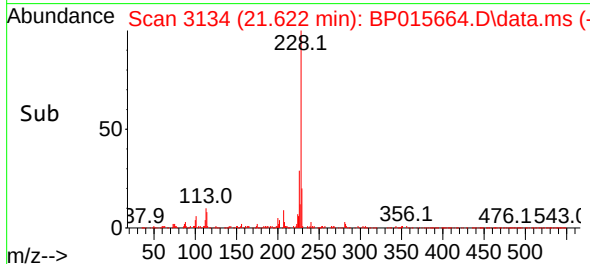
Instrument :
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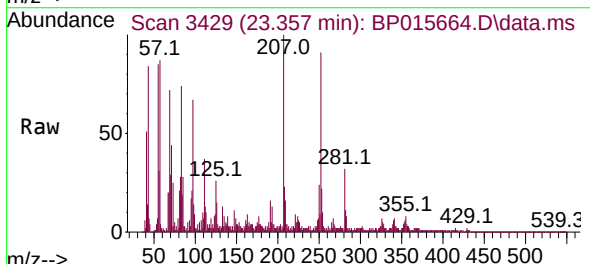
Tgt Ion:228 Resp: 127948
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 22.8 15.1 22.7

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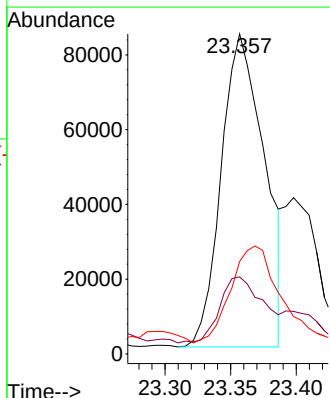
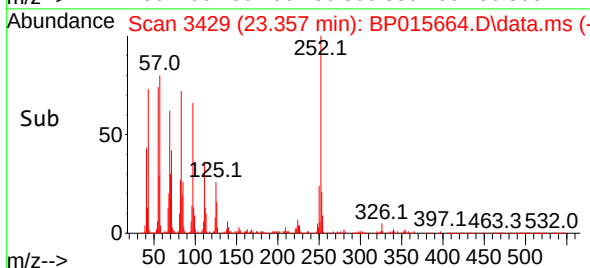
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

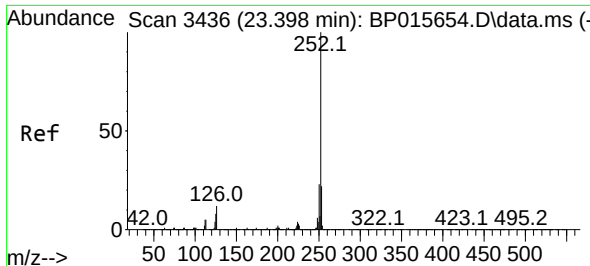


#90
Benzo(b)fluoranthene
Concen: 5.518 ng/u1
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40



Tgt Ion:252 Resp: 191870
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 28.9 7.3 10.9





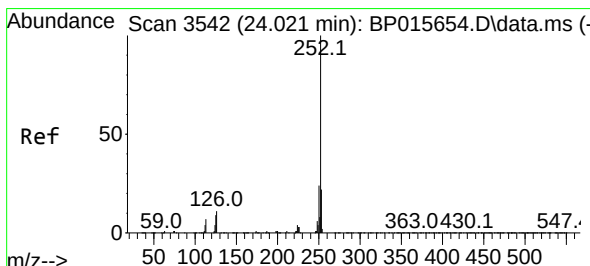
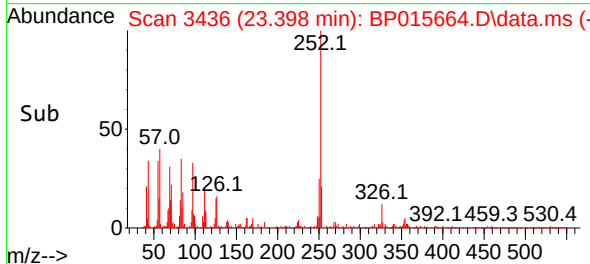
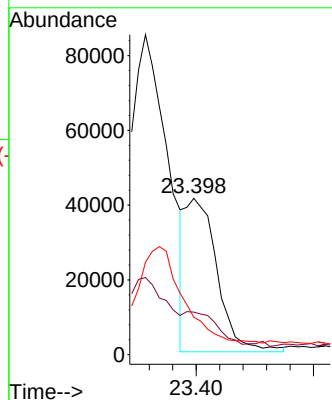
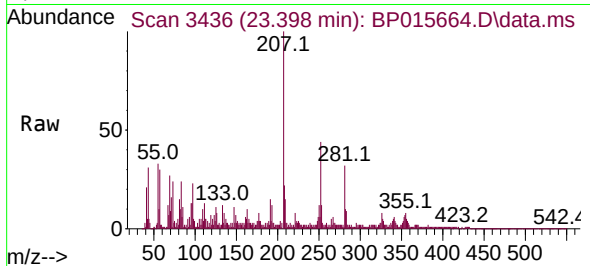
#91
Benzo(k)fluoranthene
Concen: 2.307 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

Instrument :
BNA_P
ClientSampleId :
DCFK3

Tgt Ion:252 Resp: 7753
Ion Ratio Lower Upper
252 100
253 27.2 17.7 26.5
125 24.0 7.3 10.9

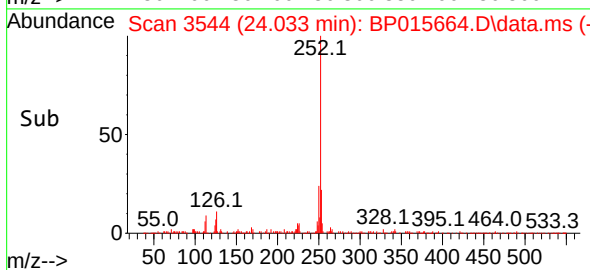
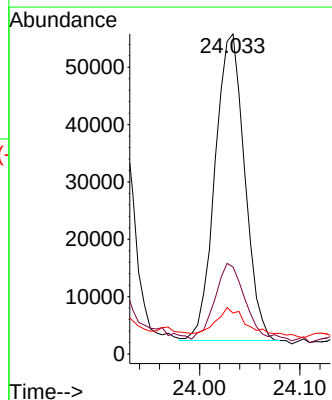
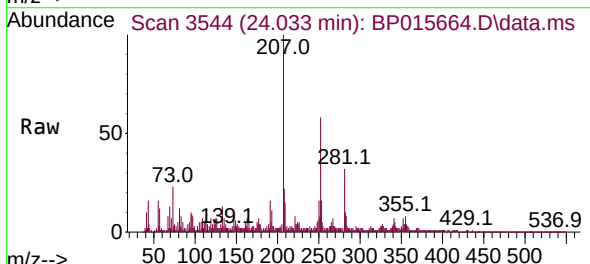
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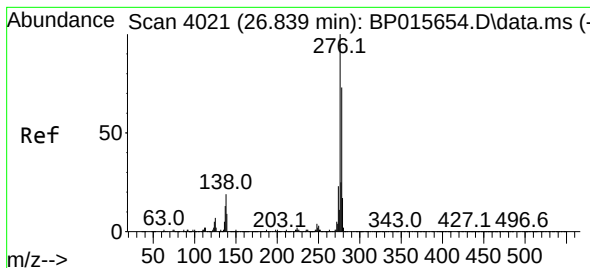
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#93
Benzo(a)pyrene
Concen: 3.614 ng/ul
RT: 24.033 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BP015664.D
Acq: 23 Jun 2023 00:40

Tgt Ion:252 Resp: 109570
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.6#
125 12.8 8.1 12.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.647 ng/ul

RT: 26.863 min Scan# 4021

Delta R.T. 0.024 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

Instrument :

BNA_P

ClientSampleId :

DCFK3

Tgt Ion:276 Resp: 10386

Ion Ratio Lower Upper

276 100

138 18.6 17.3 25.9

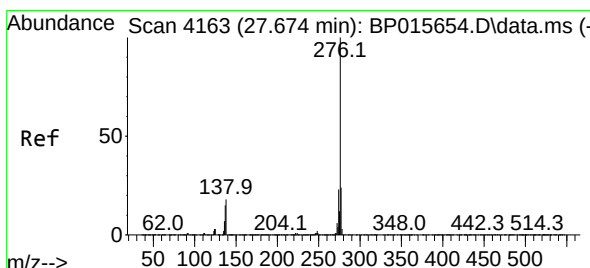
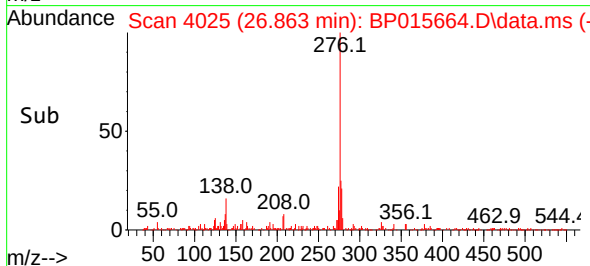
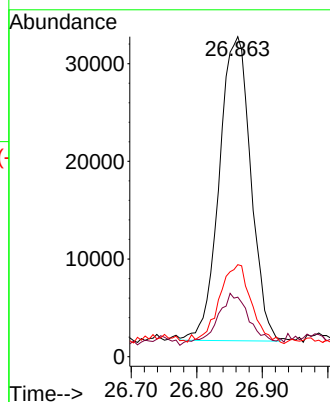
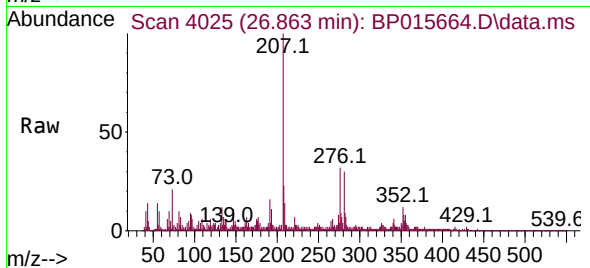
277 28.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 3.185 ng/ul

RT: 27.704 min Scan# 4168

Delta R.T. 0.024 min

Lab File: BP015664.D

Acq: 23 Jun 2023 00:40

Tgt Ion:276 Resp: 102991

Ion Ratio Lower Upper

276 100

138 17.5 15.6 23.4

277 26.9 19.0 28.6

