

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015643.D
 Acq On : 22 Jun 2023 12:51
 Operator : MA/JU
 Sample : 03083-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK2

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 22:30:09 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	155035	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	656865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	413860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	796467	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	537447	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	678872	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	14047	3.355	ng/uL	0.00
4) Pyridine-d5	3.846	84	128288	11.797	ng/u1	0.00
7) Phenol-d5	7.240	99	264533	18.521	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	174105	20.411	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	217907	21.043	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	169734	14.480	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	112521	21.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	126970	21.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	216016	20.107	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	166883	10.822	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	735509	22.537	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	814607	22.827	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	70291	12.027	ng/u1	0.00
60) Fluorene-d10	15.722	176	588877	21.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	80802m	16.014	ng/u1	0.00
73) Anthracene-d10	17.586	188	777838	21.465	ng/u1	0.00
81) Pyrene-d10	19.816	212	781268	27.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	765824	22.483	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.451	152	42275	1.070	ng/u1	98
72) Phenanthrene	17.533	178	139864	3.272	ng/u1	99
80) Fluoranthene	19.492	202	303250	8.655	ng/u1	96
82) Pyrene	19.845	202	251318	6.933	ng/u1	96
85) Benzo(a)anthracene	21.563	228	145385	3.870	ng/u1	97
87) Chrysene	21.616	228	172067m	4.845	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	279066	6.368	ng/u1	99
91) Benzo(k)fluoranthene	23.392	252	89837m	2.121	ng/u1	
93) Benzo(a)pyrene	24.015	252	165265	4.326	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	158190	3.199	ng/u1	94
95) Dibenzo(a,h)anthracene	26.839	278	42192	1.047	ng/u1#	77
96) Benzo(g,h,i)perylene	27.674	276	147575	3.622	ng/u1	96

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

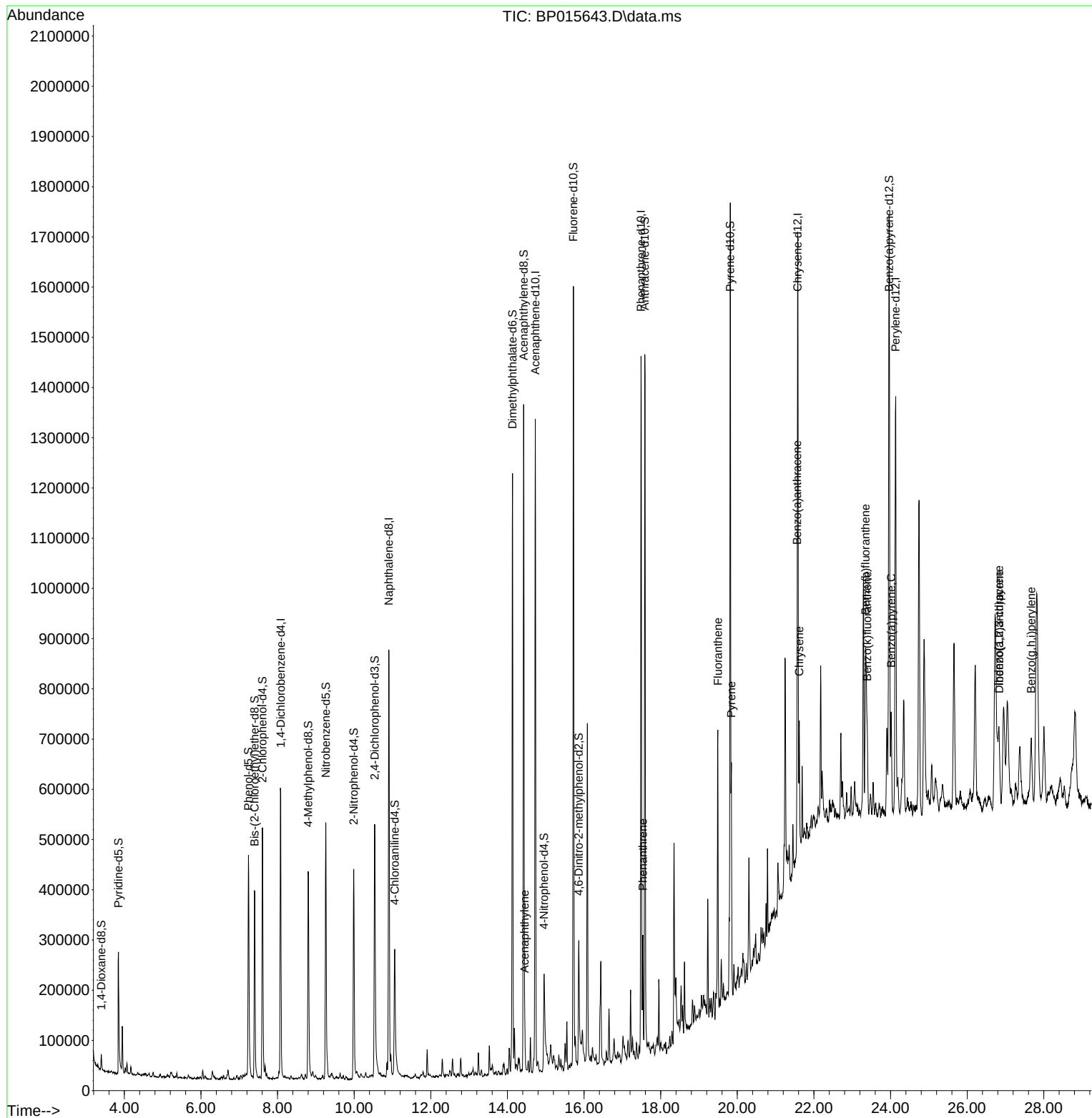
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015643.D
 Acq On : 22 Jun 2023 12:51
 Operator : MA/JU
 Sample : 03083-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

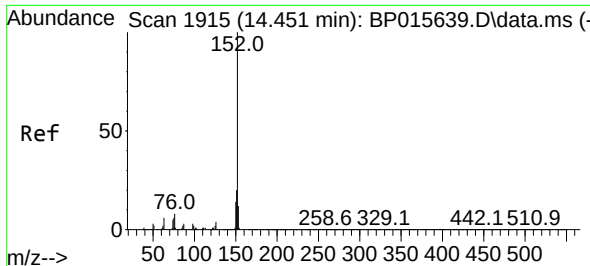
Instrument :
 BNA_P
 ClientSampleId :
 DCFK2

Quant Time: Jun 22 22:30:09 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
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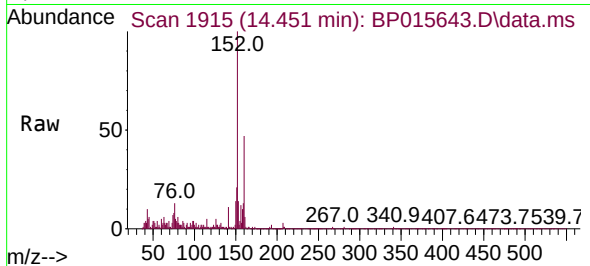
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023





#50
Acenaphthylene
Concen: 1.070 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

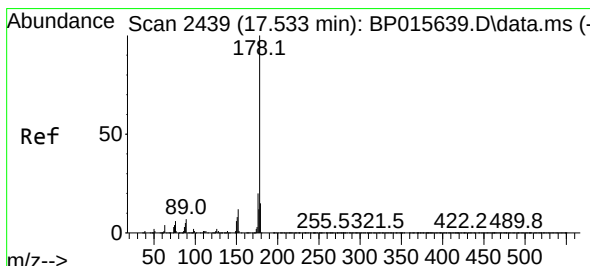
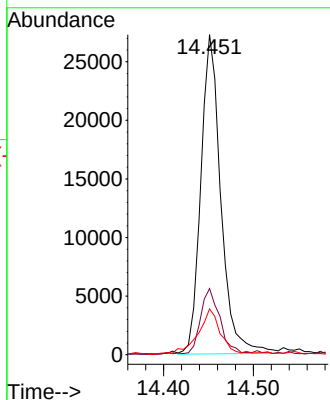
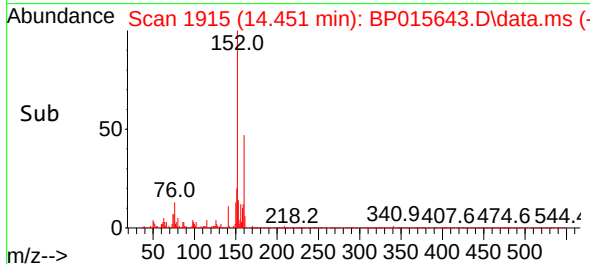
Instrument :
BNA_P
ClientSampleId :
DCFK2



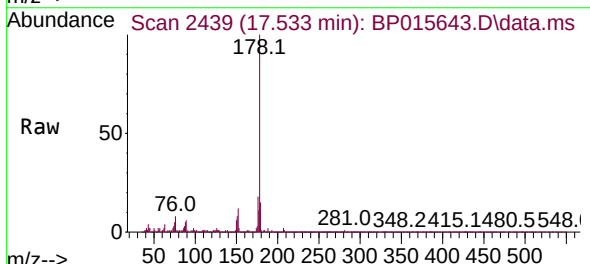
Tgt Ion:152 Resp: 42275
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.3 10.6 15.8

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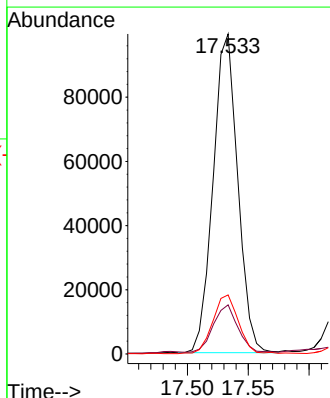
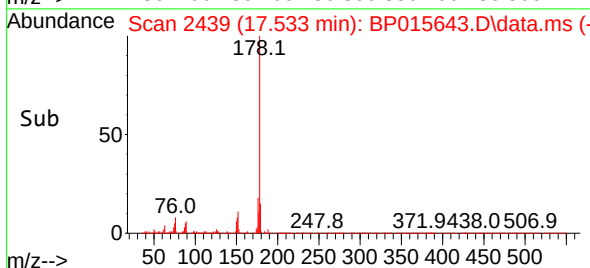
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

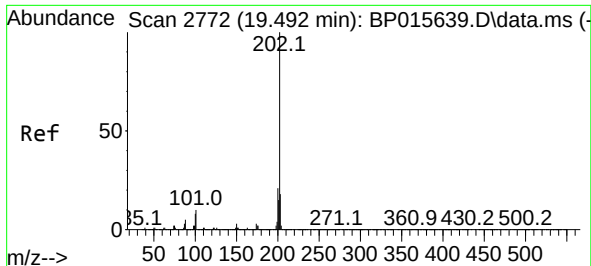


#72
Phenanthrene
Concen: 3.272 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51



Tgt Ion:178 Resp: 139864
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.5 15.4 23.0





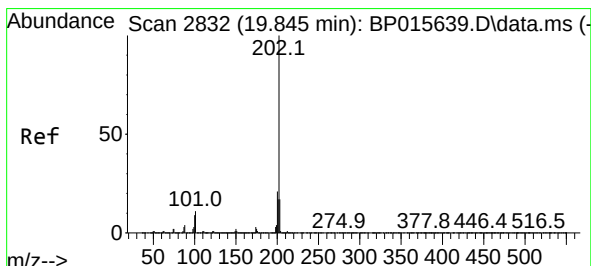
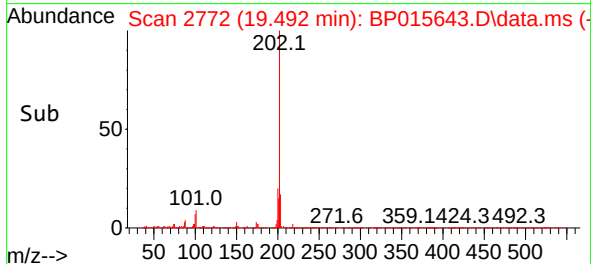
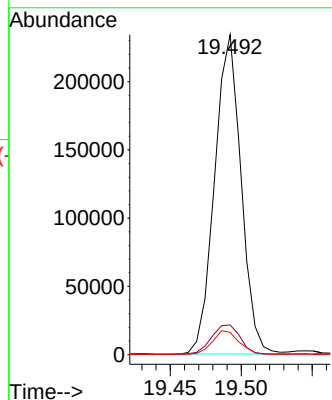
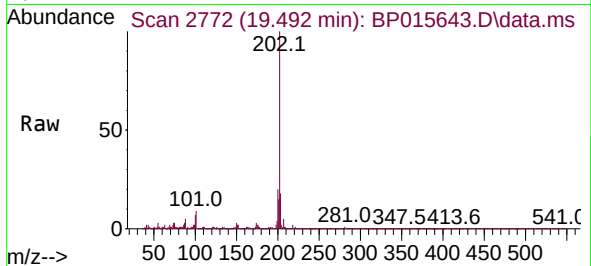
#80
Fluoranthene
Concen: 8.655 ng/u1
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

Instrument :
BNA_P
ClientSampleId :
DCFK2

Tgt Ion:202 Resp: 303250
Ion Ratio Lower Upper
202 100
101 9.3 8.6 13.0
100 6.9 6.6 9.8

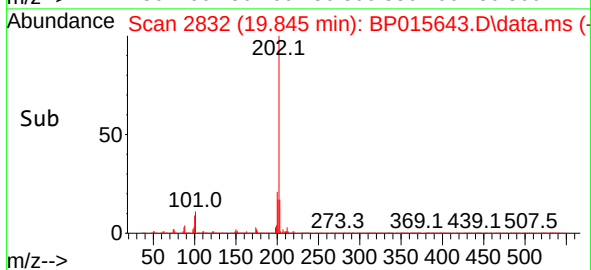
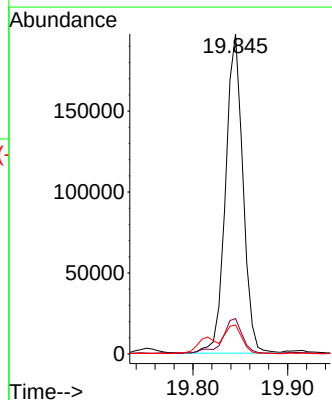
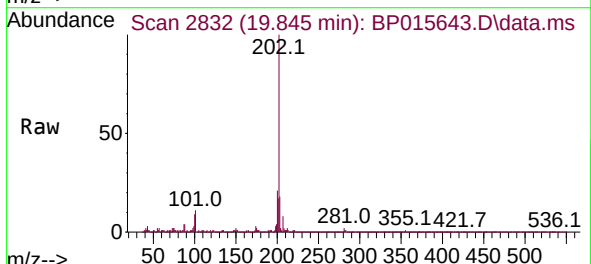
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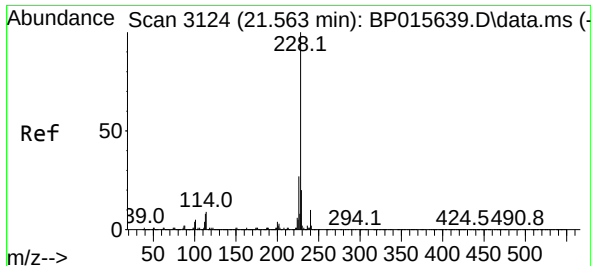
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
Pyrene
Concen: 6.933 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

Tgt Ion:202 Resp: 251318
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.1 8.4 12.6





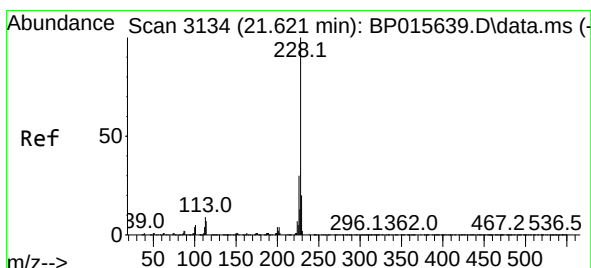
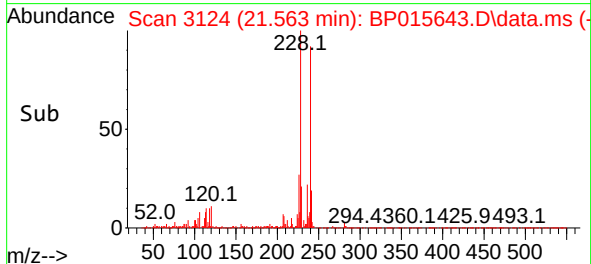
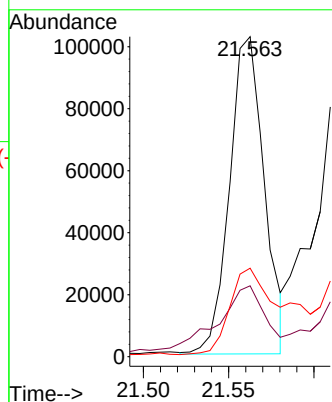
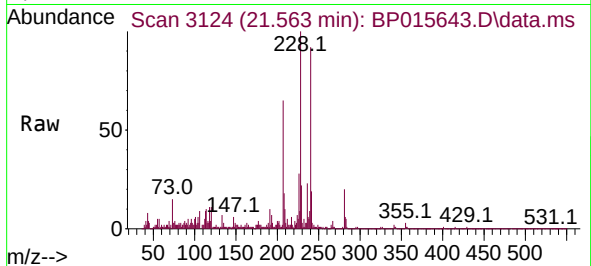
#85
Benzo(a)anthracene
Concen: 3.870 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

Instrument :
BNA_P
ClientSampleId :
DCFK2

Tgt Ion:228 Resp: 145385
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 27.6 21.8 32.6

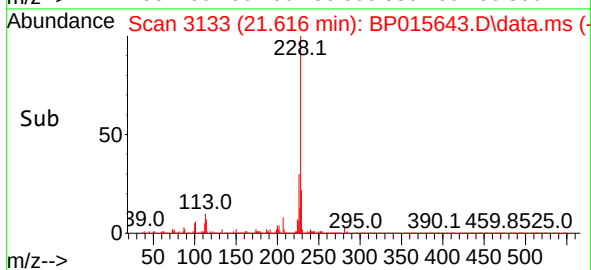
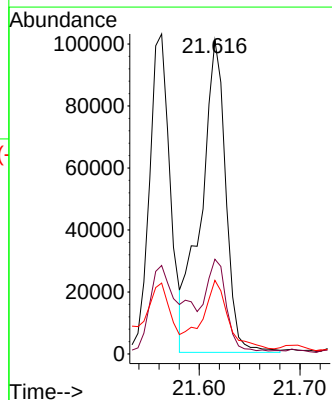
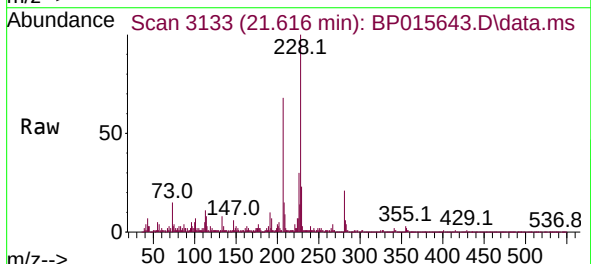
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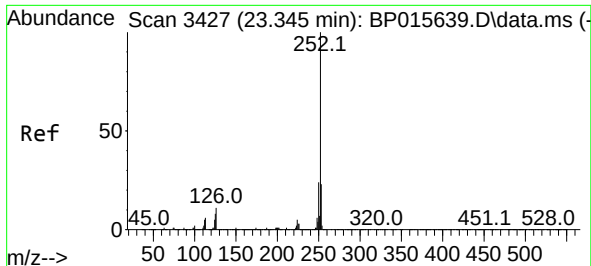
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#87
Chrysene
Concen: 4.845 ng/ul m
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

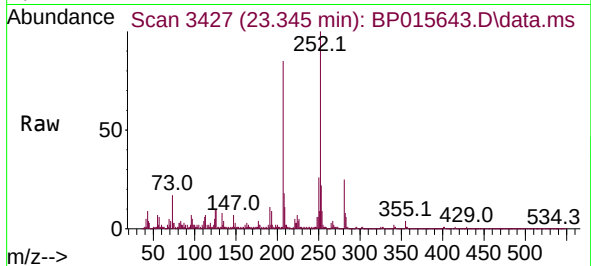
Tgt Ion:228 Resp: 172067
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 23.5 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 6.368 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

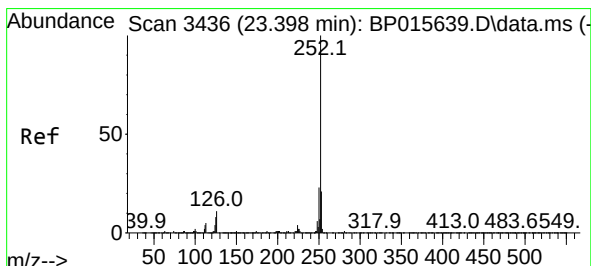
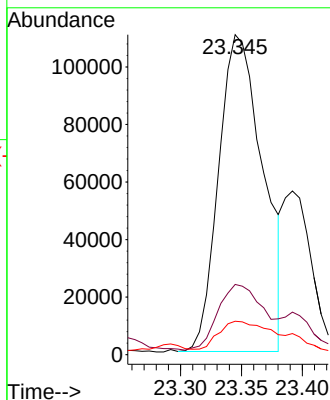
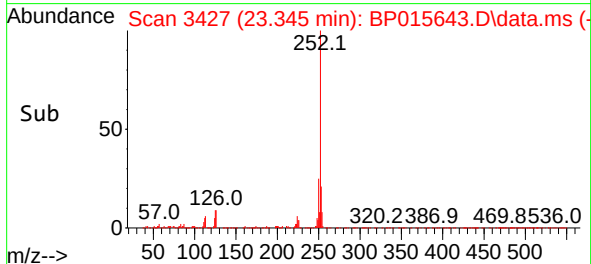
Instrument :
BNA_P
ClientSampleId :
DCFK2



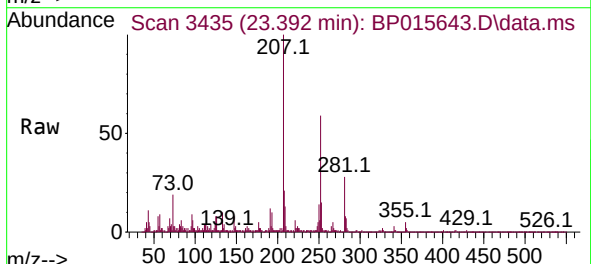
Tgt Ion:252 Resp: 279060
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.4 7.3 10.9

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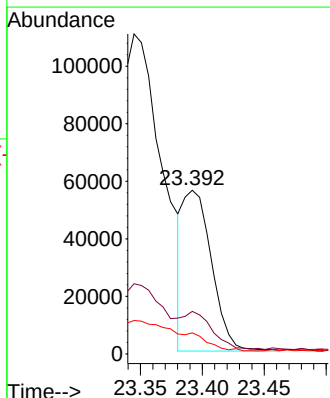
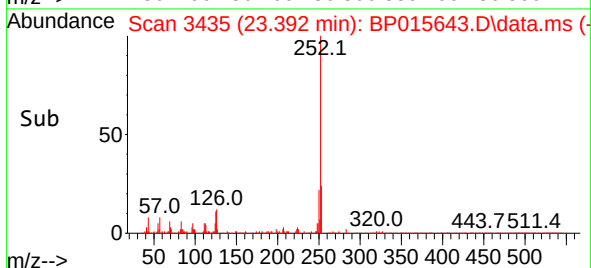
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

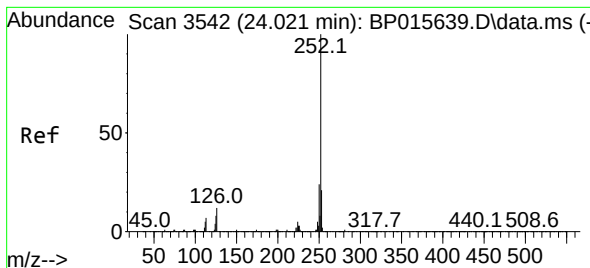


#91
Benzo(k)fluoranthene
Concen: 2.121 ng/ul m
RT: 23.392 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51



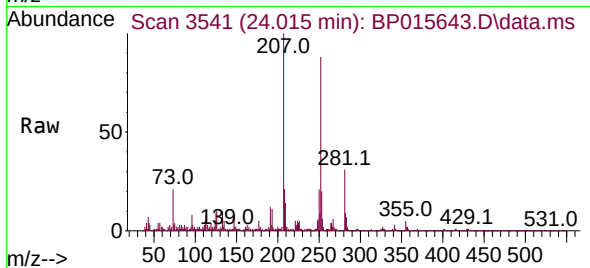
Tgt Ion:252 Resp: 89837
Ion Ratio Lower Upper
252 100
253 26.0 17.7 26.5
125 12.9 7.3 10.9#





#93
Benzo(a)pyrene
Concen: 4.326 ng/ul
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

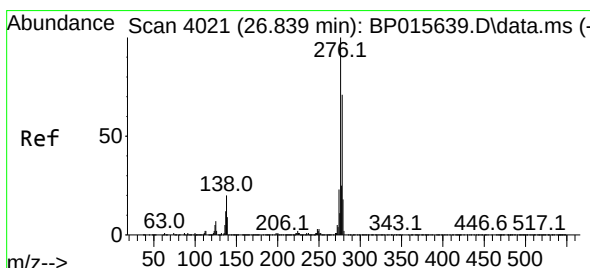
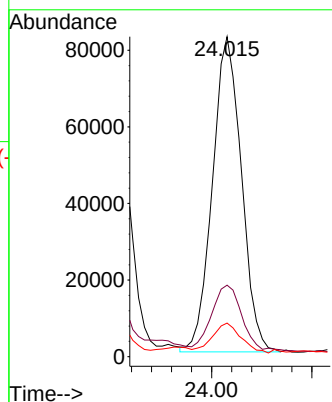
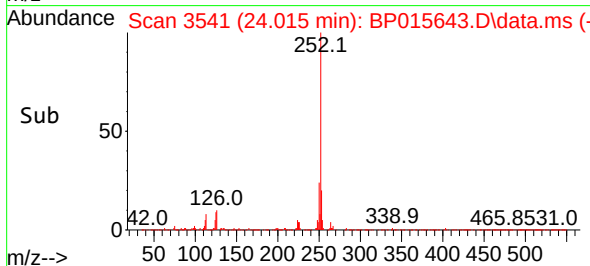
Instrument :
BNA_P
ClientSampleId :
DCFK2



Tgt Ion:252 Resp: 16526
Ion Ratio Lower Upper
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253 22.4 17.8 26.6
125 10.5 8.1 12.1

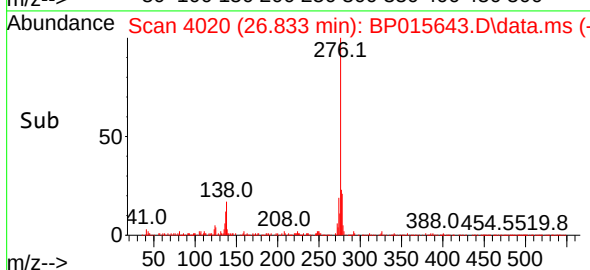
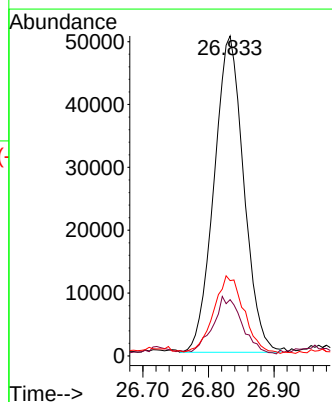
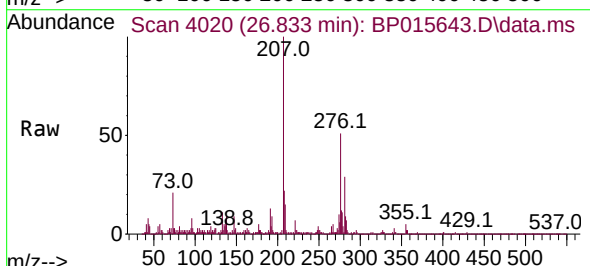
Manual Integrations
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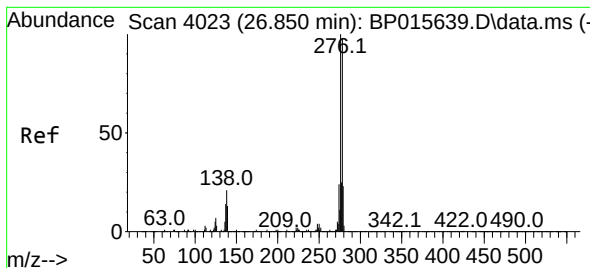
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.199 ng/ul
RT: 26.833 min Scan# 4020
Delta R.T. -0.006 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

Tgt Ion:276 Resp: 158190
Ion Ratio Lower Upper
276 100
138 17.6 17.3 25.9
277 23.6 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.047 ng/ul

RT: 26.839 min Scan# 4023

Delta R.T. -0.012 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Instrument :

BNA_P

ClientSampleId :

DCFK2

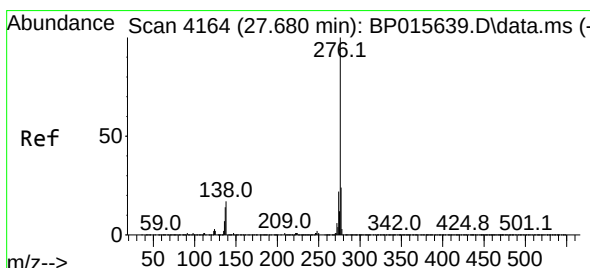
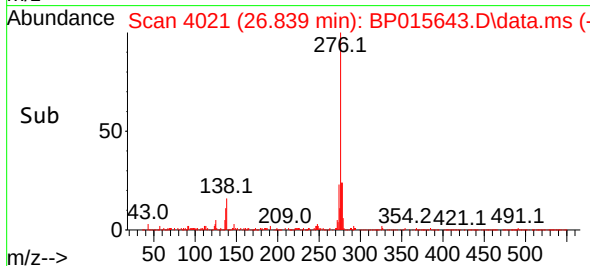
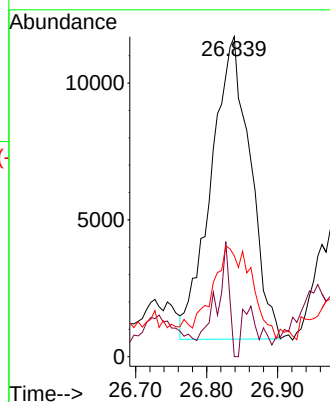
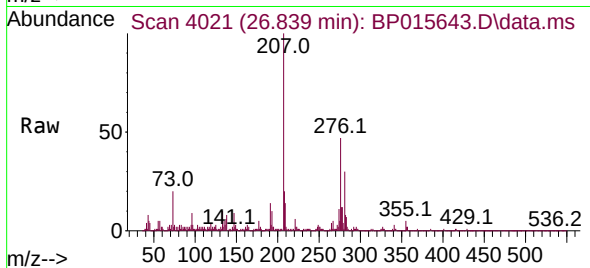
Tgt Ion:	278	Resp:	4219
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.4	17.0
279	31.5	18.7	28.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 3.622 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Tgt Ion:	276	Resp:	147575
Ion Ratio	Lower	Upper	
276	100		
138	17.8	15.6	23.4
277	25.9	19.0	28.6

