

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015652.D
 Acq On : 22 Jun 2023 17:54
 Operator : MA/JU
 Sample : 03083-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL7

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 23:05:42 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	113167	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	484307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	276543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	480627	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	387992	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	505996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10007	3.274	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	208155	19.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	140192	22.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	174778	23.122	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	130055	15.200	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	94008	24.724	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	101952	23.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	177452	22.403	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	112055	9.856	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	605774	27.779	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	677064	28.394	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	28373m	7.265	ng/u1	0.02
60) Fluorene-d10	15.722	176	477769	25.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	47494	15.598	ng/u1	0.00
73) Anthracene-d10	17.586	188	598730	27.379	ng/u1	0.00
81) Pyrene-d10	19.816	212	661493	31.855	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	741600	29.210	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	52689	2.043	ng/u1	99
80) Fluoranthene	19.492	202	135887	5.372	ng/u1	98
82) Pyrene	19.845	202	114437	4.373	ng/u1	96
85) Benzo(a)anthracene	21.563	228	73730	2.718	ng/u1	96
87) Chrysene	21.616	228	92077m	3.591	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	149251	4.570	ng/u1	99
91) Benzo(k)fluoranthene	23.398	252	40319m	1.277	ng/u1	
93) Benzo(a)pyrene	24.015	252	83583	2.935	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.839	276	79769	2.164	ng/u1	94
96) Benzo(g,h,i)perylene	27.674	276	77468	2.551	ng/u1	97

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

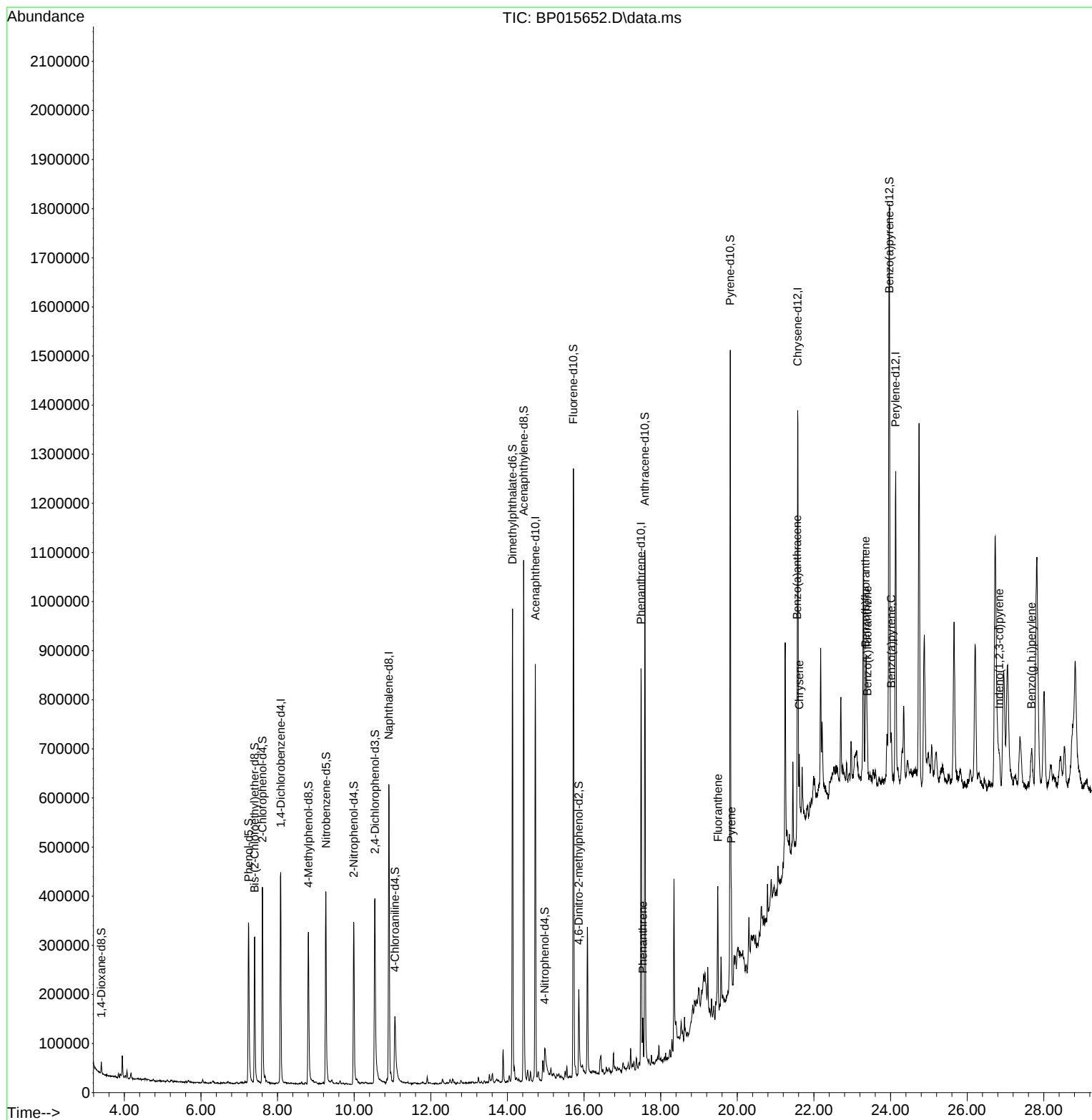
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015652.D
Acq On : 22 Jun 2023 17:54
Operator : MA/JU
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ALS Vial : 15 Sample Multiplier: 1

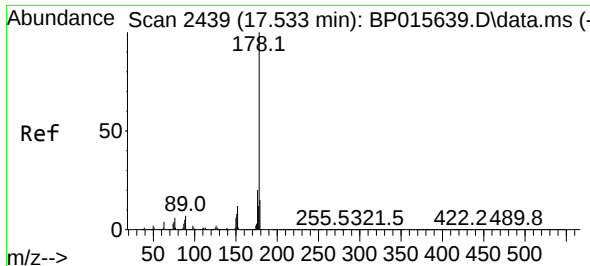
Instrument :
BNA_P
ClientSampleId :
DCFL7

Quant Time: Jun 22 23:05:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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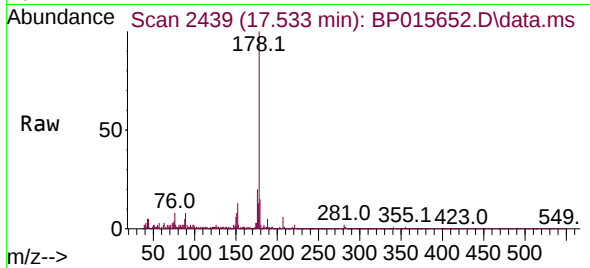
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#72
Phenanthrene
Concen: 2.043 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

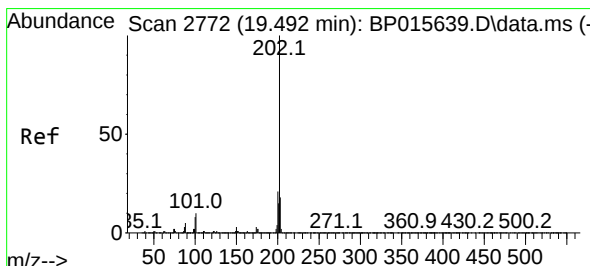
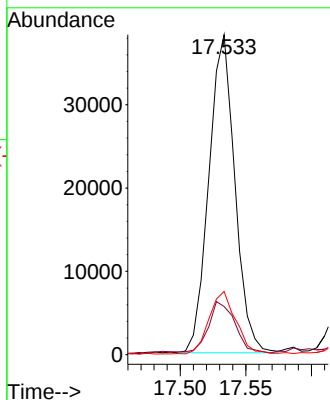
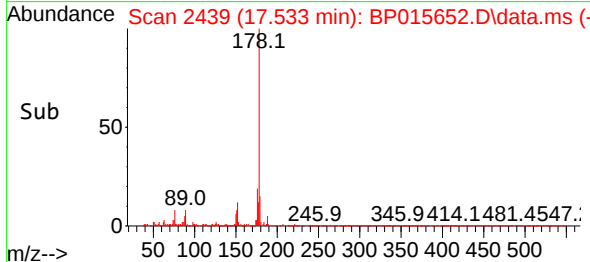
Instrument :
BNA_P
ClientSampleId :
DCFL7



Tgt Ion:178 Resp: 52689
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.8 15.4 23.0

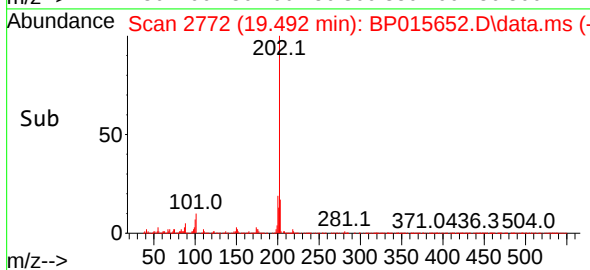
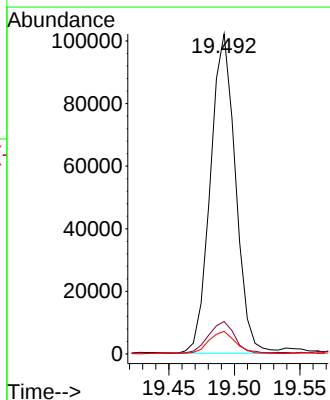
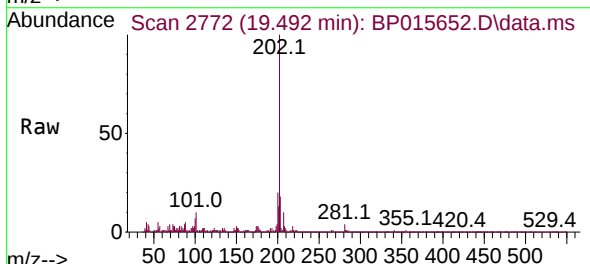
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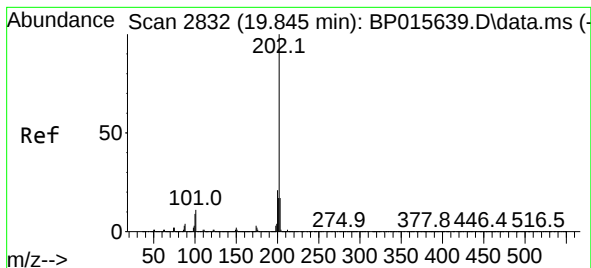
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#80
Fluoranthene
Concen: 5.372 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Tgt Ion:202 Resp: 135887
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 7.0 6.6 9.8





#82

Pyrene

Concen: 4.373 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

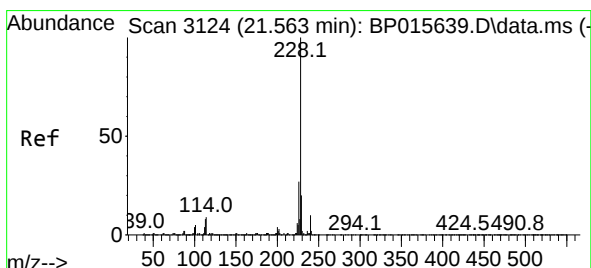
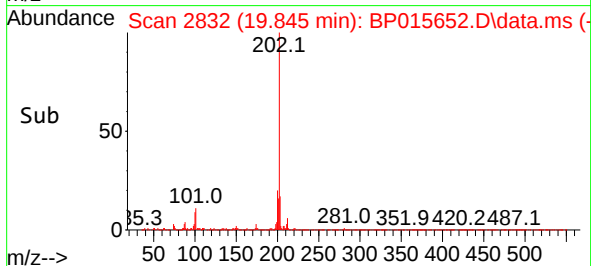
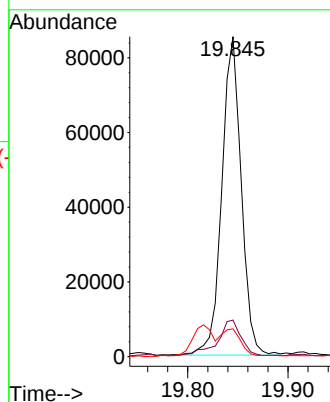
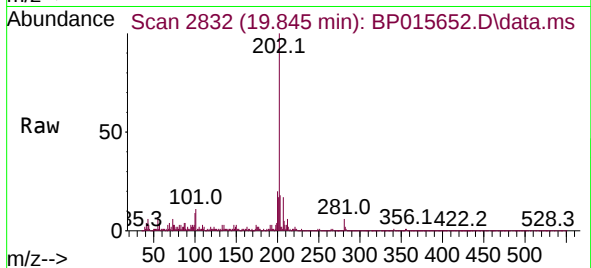
Tgt Ion:	202	Resp:	11443
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.9	14.9
100	8.7	8.4	12.6

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Supervised By :mohammad ahmed 06/23/2023



#85

Benzo(a)anthracene

Concen: 2.718 ng/ul

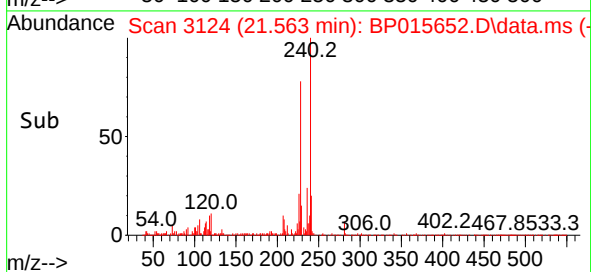
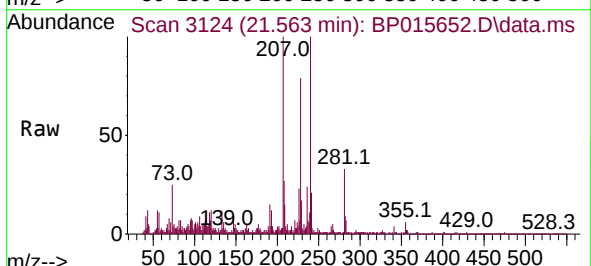
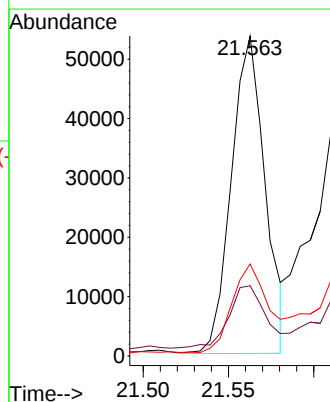
RT: 21.563 min Scan# 3124

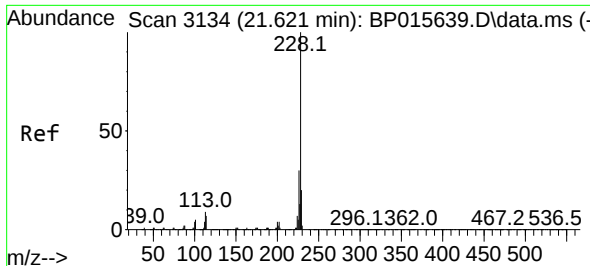
Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Tgt Ion:	228	Resp:	73730
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.8	23.6
226	28.7	21.8	32.6





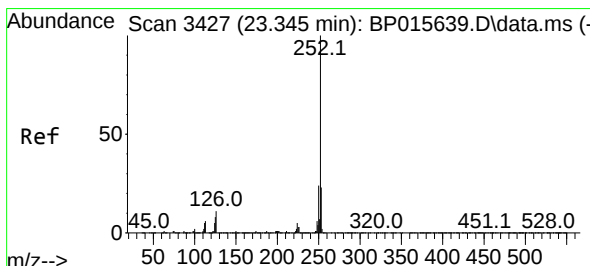
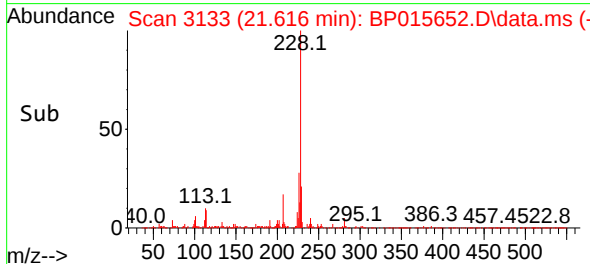
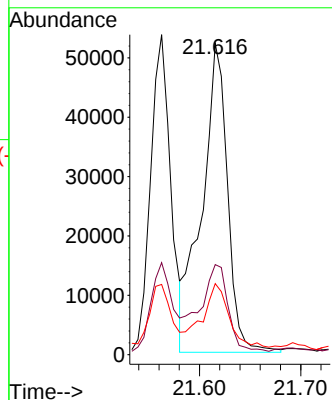
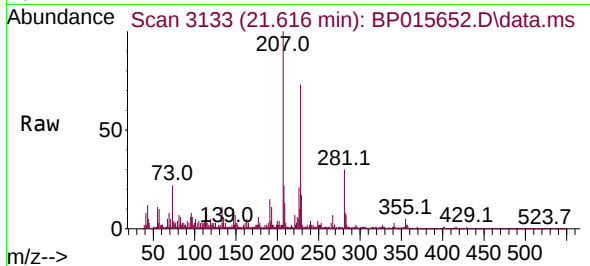
#87
Chrysene
Concen: 3.591 ng/ul m
RT: 21.616 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Instrument :
BNA_P
ClientSampleId :
DCFL7

Tgt Ion:228 Resp: 9207
Ion Ratio Lower Upper
228 100
226 29.0 23.9 35.9
229 22.8 15.1 22.7

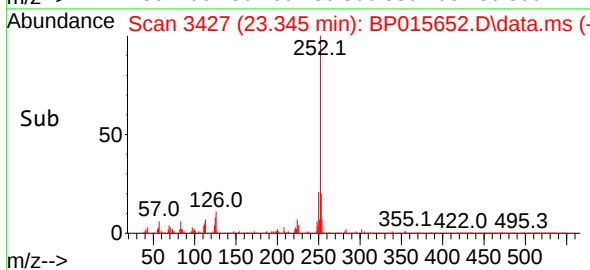
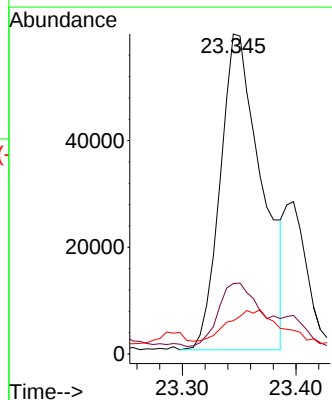
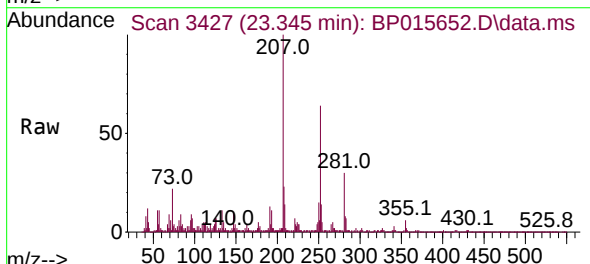
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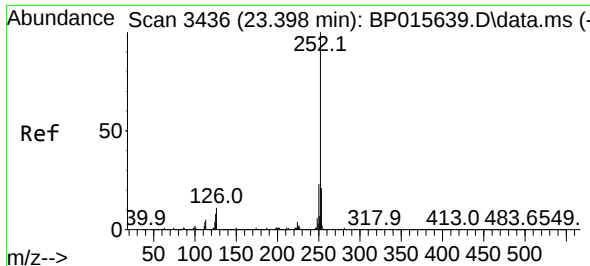
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(b)fluoranthene
Concen: 4.570 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Tgt Ion:252 Resp: 149251
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.4 7.3 10.9





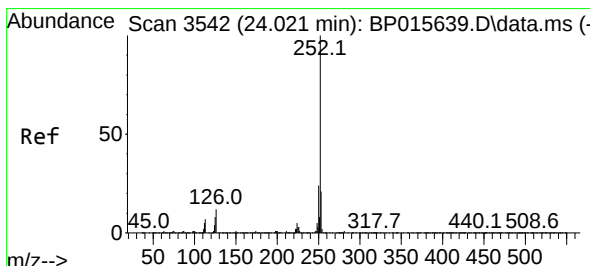
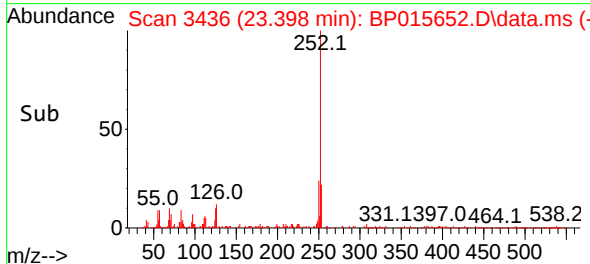
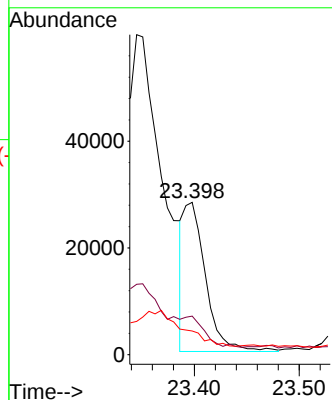
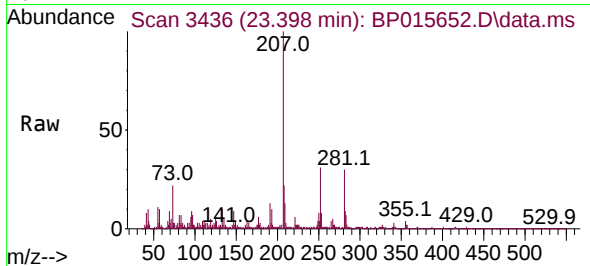
#91
Benzo(k)fluoranthene
Concen: 1.277 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Instrument :
BNA_P
ClientSampleId :
DCFL7

Tgt Ion:252 Resp: 40319
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 15.5 7.3 10.9

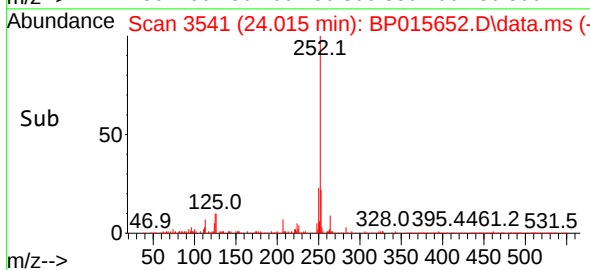
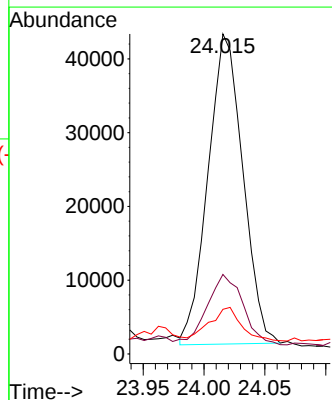
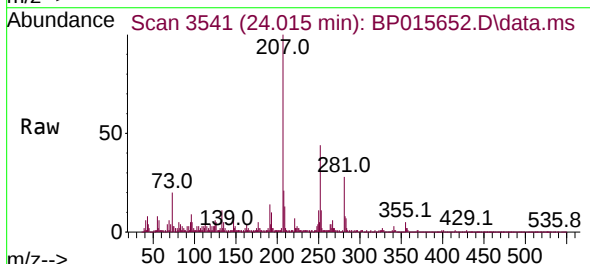
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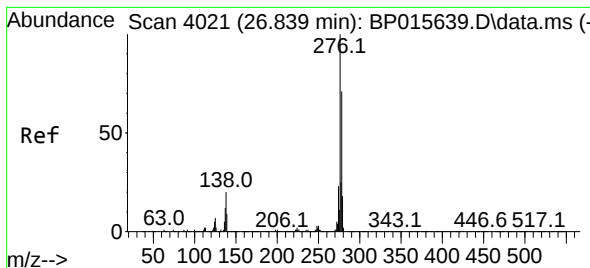
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#93
Benzo(a)pyrene
Concen: 2.935 ng/ul
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Tgt Ion:252 Resp: 83583
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 13.9 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.164 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

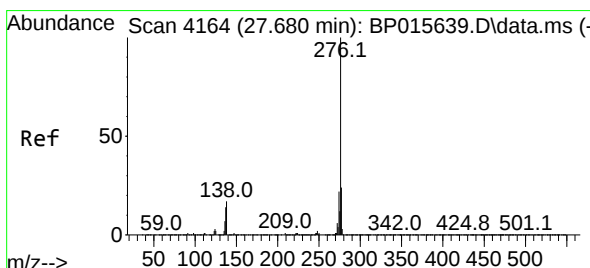
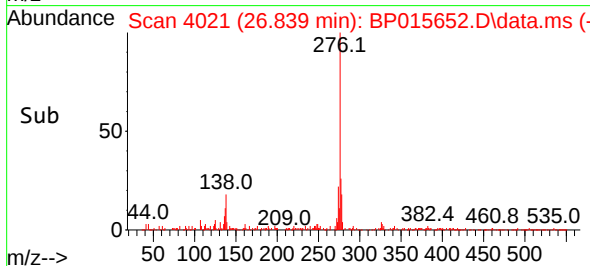
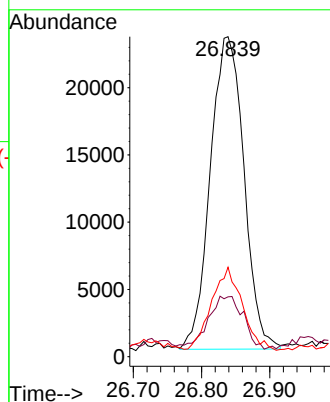
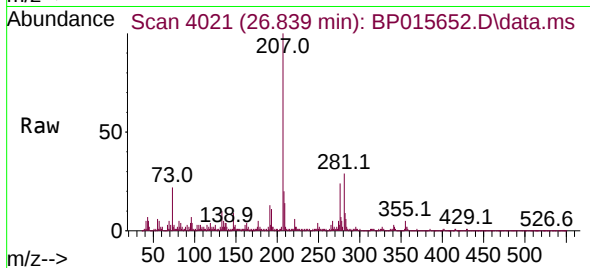
Tgt Ion:	276	Resp:	79769
Ion Ratio	Lower	Upper	
276	100		
138	18.7	17.3	25.9
277	27.9	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 2.551 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Tgt Ion:	276	Resp:	77468
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.6	23.4
277	23.0	19.0	28.6

