

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015681.D
 Acq On : 23 Jun 2023 20:34
 Operator : MA/JU
 Sample : 03084-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM8

Quant Time: Jun 24 00:25:07 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	175127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	667370	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	362898	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	653689	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	639071	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	790952	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11248	2.378	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.246	99	201783	12.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	133067	13.810	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	177996	15.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	154016	11.632	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	80520	15.368	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	93043	15.550	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	152526	13.974	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	144286	9.210	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	433495	15.148	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	479911	15.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	32695m	6.380	ng/u1	0.04
60) Fluorene-d10	15.728	176	324457	13.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	39286	9.487	ng/u1	0.01
73) Anthracene-d10	17.592	188	443649	14.917	ng/u1	0.00
81) Pyrene-d10	19.816	212	686910	20.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	874705	22.040	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.534	178	77708	2.215	ng/u1	99
80) Fluoranthene	19.492	202	231711	5.561	ng/u1	100
82) Pyrene	19.845	202	206369	4.788	ng/u1	99
85) Benzo(a)anthracene	21.563	228	150709	3.373	ng/u1	96
87) Chrysene	21.622	228	160088	3.791	ng/u1	97
90) Benzo(b)fluoranthene	23.357	252	267423	5.238	ng/u1#	95
91) Benzo(k)fluoranthene	23.398	252	73555	1.490	ng/u1#	97
93) Benzo(a)pyrene	24.027	252	166008	3.729	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	136012	2.361	ng/u1	95
96) Benzo(g,h,i)perylene	27.692	276	118953	2.506	ng/u1	99

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

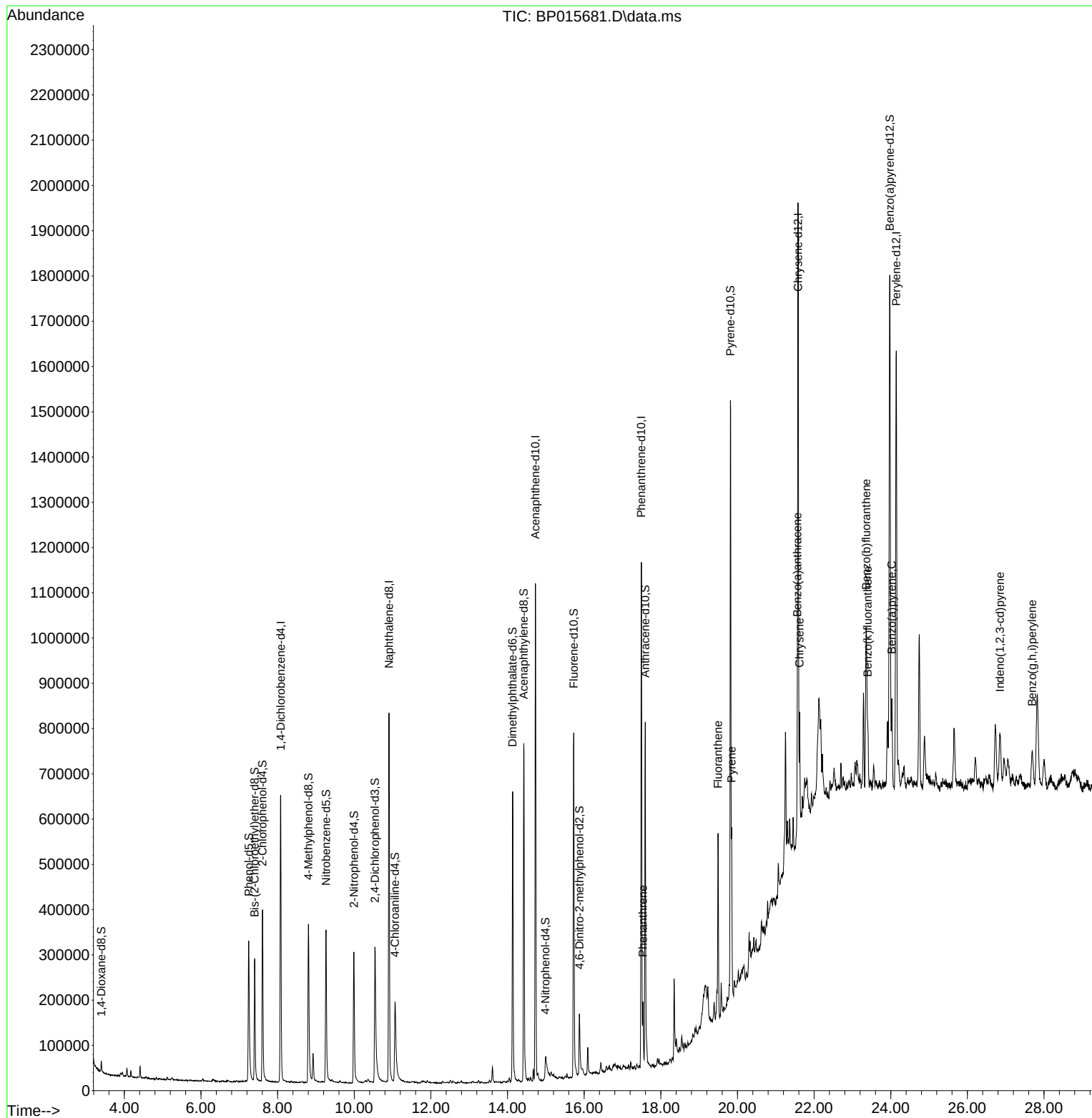
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015681.D
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ALS Vial : 15 Sample Multiplier: 1

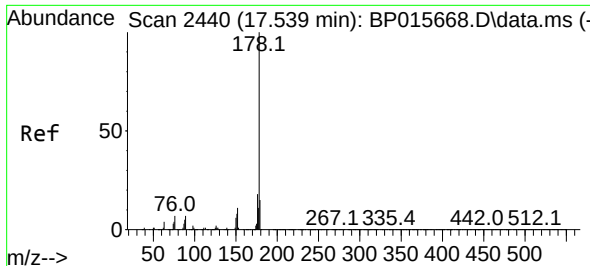
Instrument :
BNA_P
ClientSampleId :
DCFM8

Quant Time: Jun 24 00:25:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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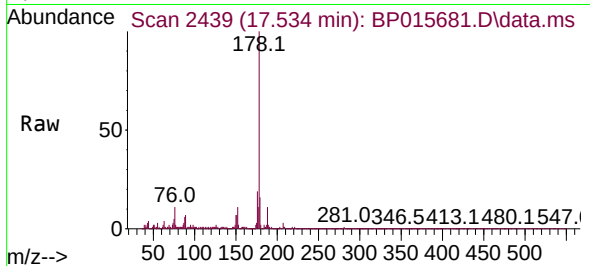
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#72
Phenanthrene
Concen: 2.215 ng/ul
RT: 17.534 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34

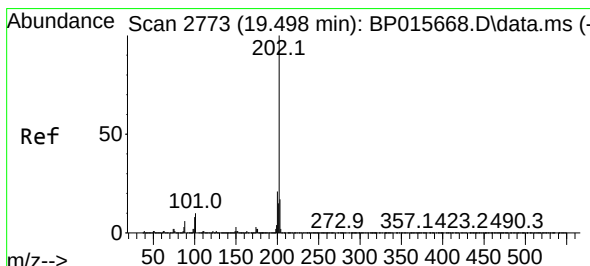
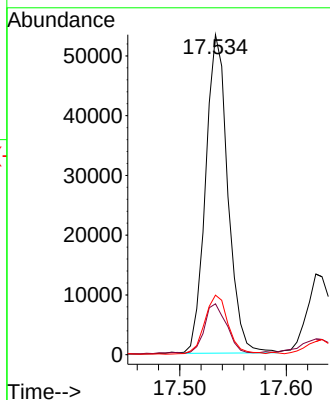
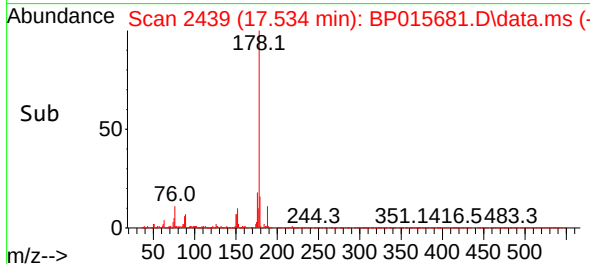
Instrument :
BNA_P
ClientSampleId :
DCFM8



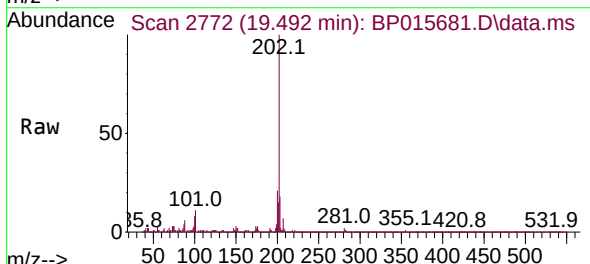
Tgt Ion:178 Resp: 77708
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.6 15.4 23.0

Manual Integrations
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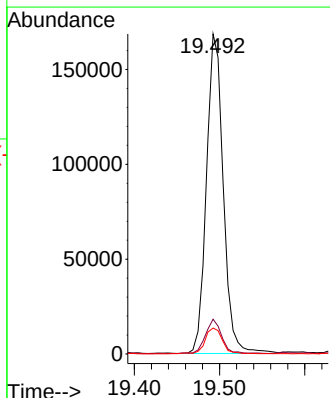
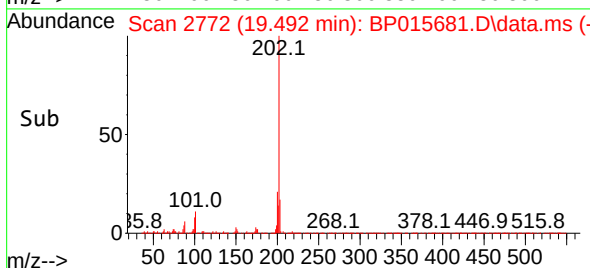
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

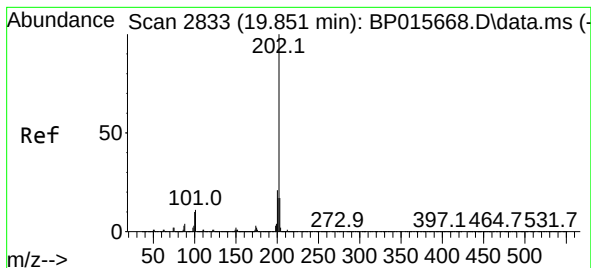


#80
Fluoranthene
Concen: 5.561 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34



Tgt Ion:202 Resp: 231711
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 8.1 6.6 9.8





#82

Pyrene

Concen: 4.788 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015681.D

Acq: 23 Jun 2023 20:34

Instrument :

BNA_P

ClientSampleId :

DCFM8

Tgt Ion:202 Resp: 206369

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

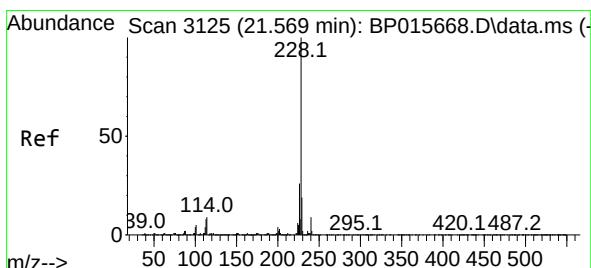
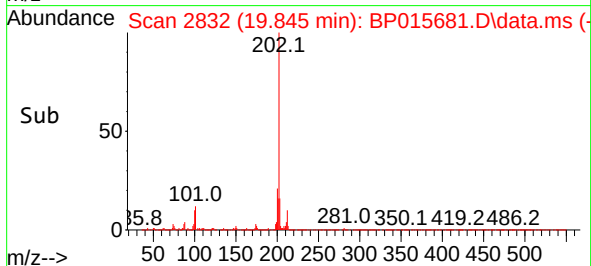
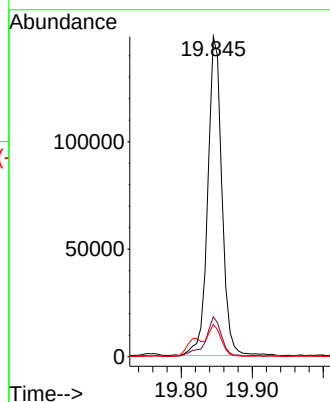
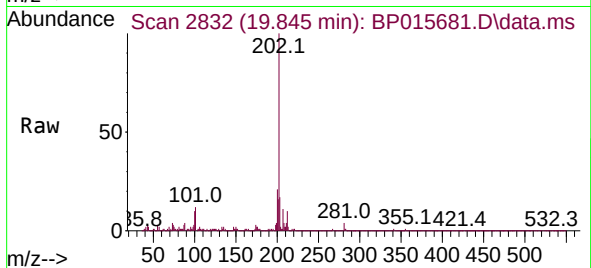
100 10.0 8.4 12.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#85

Benzo(a)anthracene

Concen: 3.373 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015681.D

Acq: 23 Jun 2023 20:34

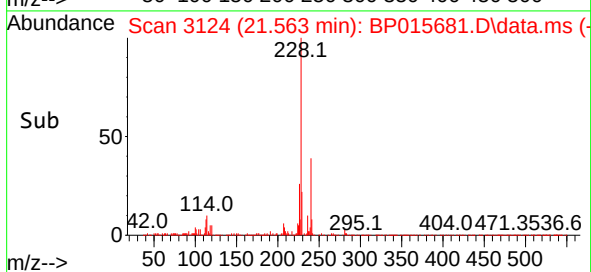
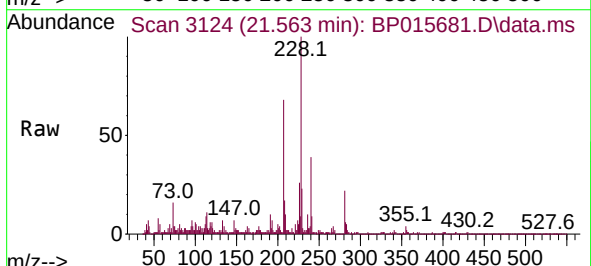
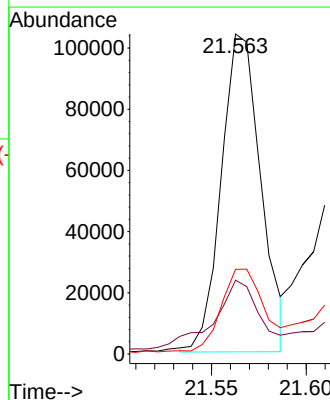
Tgt Ion:228 Resp: 150709

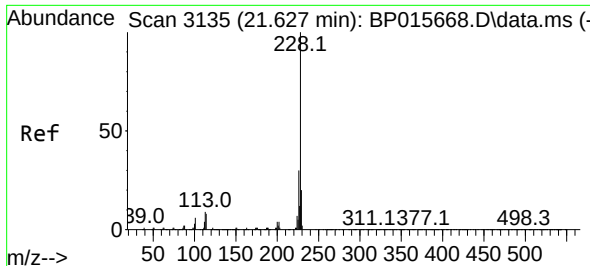
Ion Ratio Lower Upper

228 100

229 23.1 15.8 23.6

226 26.5 21.8 32.6





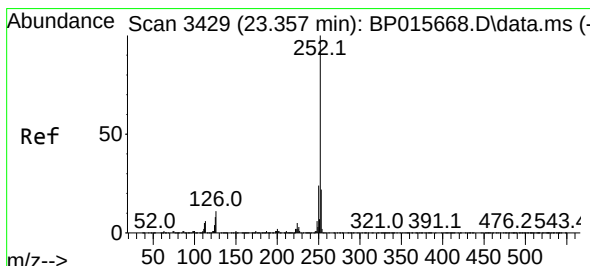
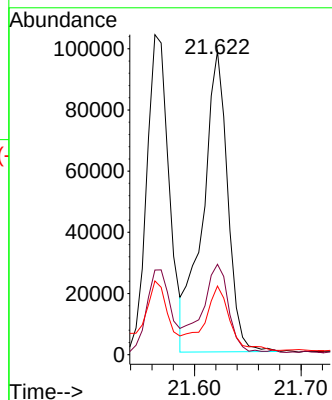
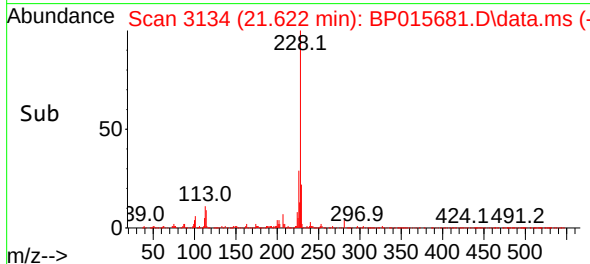
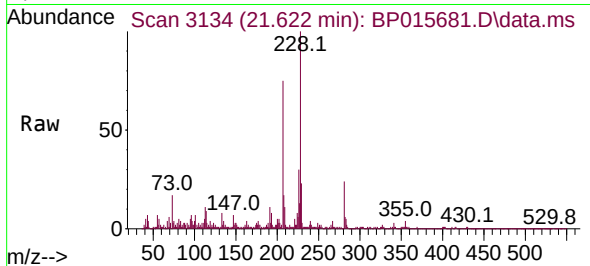
#87
Chrysene
Concen: 3.791 ng/ul
RT: 21.622 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34

Instrument :
BNA_P
ClientSampleId :
DCFM8

Tgt Ion:228 Resp: 160088
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 22.6 15.1 22.7

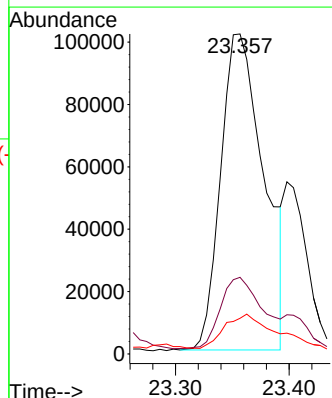
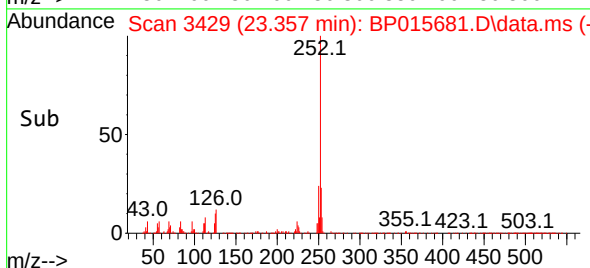
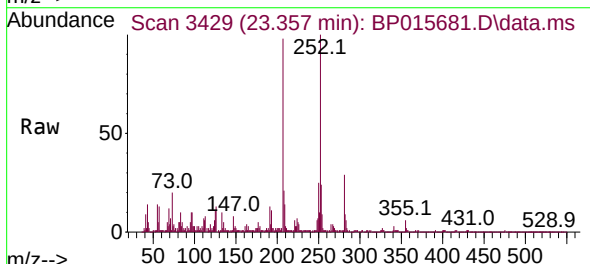
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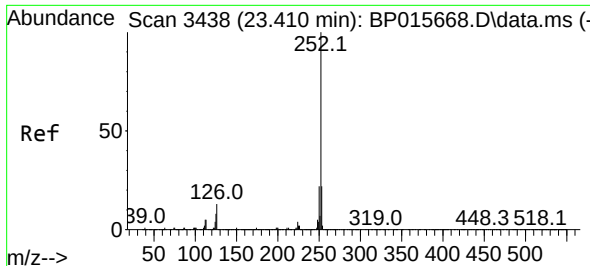
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(b)fluoranthene
Concen: 5.238 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34

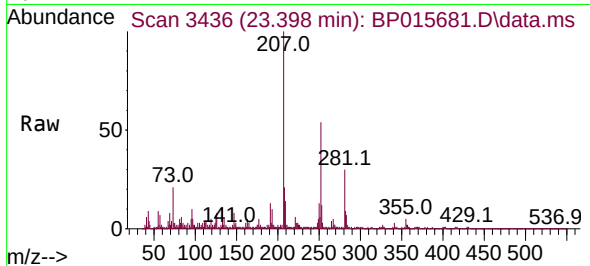
Tgt Ion:252 Resp: 267423
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.2 7.3 10.9#





#91
Benzo(k)fluoranthene
Concen: 1.490 ng/u1
RT: 23.398 min Scan# 3438
Delta R.T. 0.000 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34

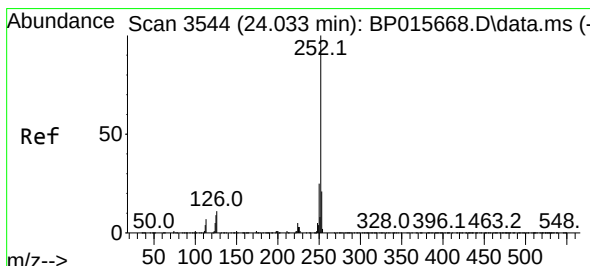
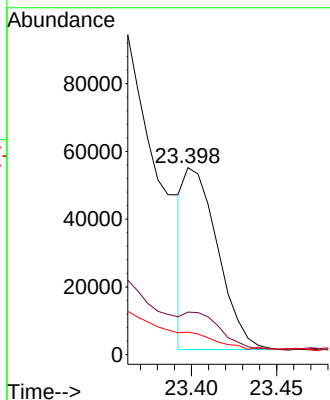
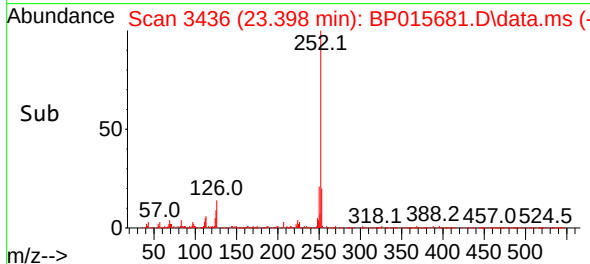
Instrument :
BNA_P
ClientSampleId :
DCFM8



Tgt Ion:252 Resp: 7355
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.1 7.3 10.9

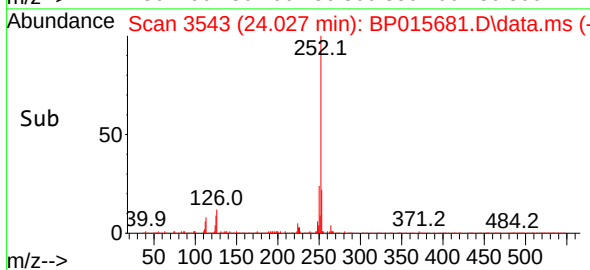
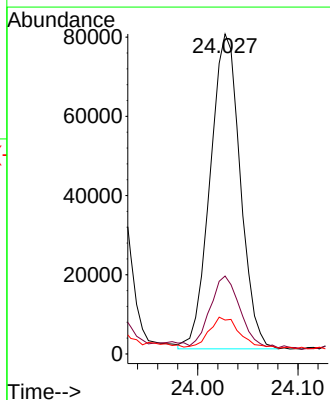
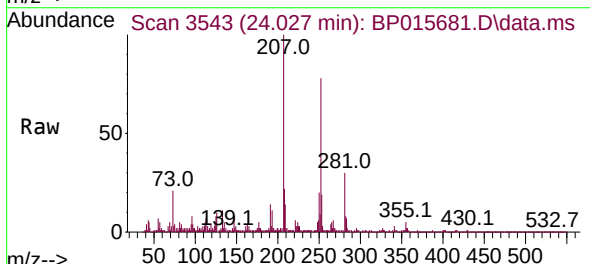
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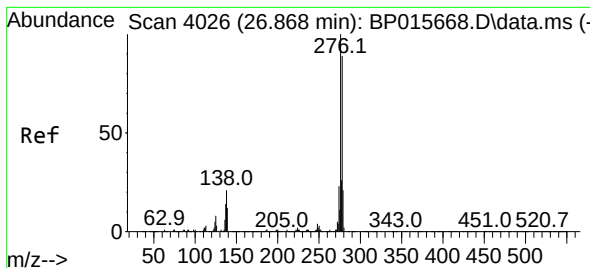
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 3.729 ng/u1
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP015681.D
Acq: 23 Jun 2023 20:34

Tgt Ion:252 Resp: 166008
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 10.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.361 ng/ul

RT: 26.851 min Scan# 4026

Delta R.T. 0.012 min

Lab File: BP015681.D

Acq: 23 Jun 2023 20:34

Instrument :

BNA_P

ClientSampleId :

DCFM8

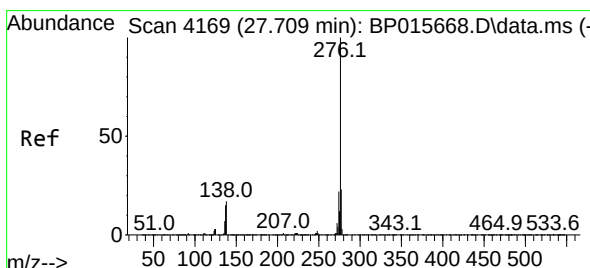
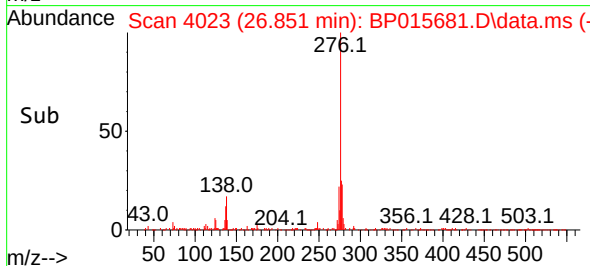
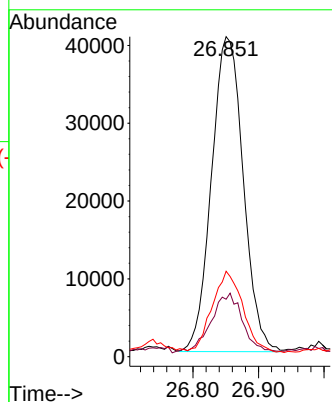
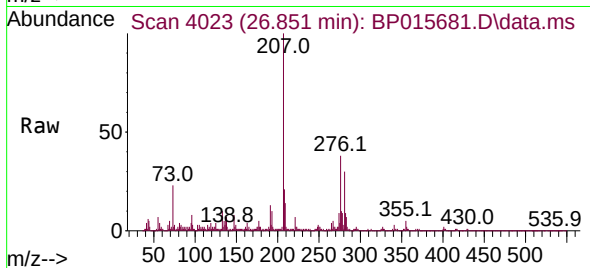
Tgt Ion:	276	Resp:	13601
Ion Ratio	Lower	Upper	
276	100		
138	17.9	17.3	25.9
277	26.7	20.2	30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.506 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. 0.012 min

Lab File: BP015681.D

Acq: 23 Jun 2023 20:34

Tgt Ion:	276	Resp:	118953
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.6	23.4
277	22.7	19.0	28.6

