

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015628.D
 Acq On : 20 Jun 2023 18:44
 Operator : MA/JU
 Sample : 03080-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Quant Time: Jun 20 23:30:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	99433	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	447682	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	302200	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	743467	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	781167	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	821132	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9594	3.573	ng/uL	0.00
4) Pyridine-d5	3.846	84	105996	15.197	ng/u1	0.00
7) Phenol-d5	7.246	99	230737	25.189	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	130565	23.866	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	176814	26.622	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	174053	23.151	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	89097	25.349	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	101730	25.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	185387	25.320	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	139029	13.229	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	620969	26.058	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	715181	27.446	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	97197	22.776	ng/u1	0.02
60) Fluorene-d10	15.722	176	555729	27.655	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	82177	17.448	ng/u1	0.00
73) Anthracene-d10	17.586	188	897545	26.534	ng/u1	0.00
81) Pyrene-d10	19.810	212	1238044	29.612	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1134474	27.535	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	97123	2.434	ng/u1	99
80) Fluoranthene	19.480	202	369387	7.253	ng/u1	99
82) Pyrene	19.839	202	331876	6.299	ng/u1	97
85) Benzo(a)anthracene	21.551	228	216912	3.972	ng/u1	98
87) Chrysene	21.604	228	243346	4.714	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	411414	7.762	ng/u1#	97
91) Benzo(k)fluoranthene	23.380	252	151049m	2.948	ng/u1	
93) Benzo(a)pyrene	24.004	252	252958	5.474	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.810	276	209955	3.511	ng/u1	97
95) Dibenzo(a,h)anthracene	26.815	278	53973	1.108	ng/u1#	76
96) Benzo(g,h,i)perylene	27.651	276	196282	3.982	ng/u1	99

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

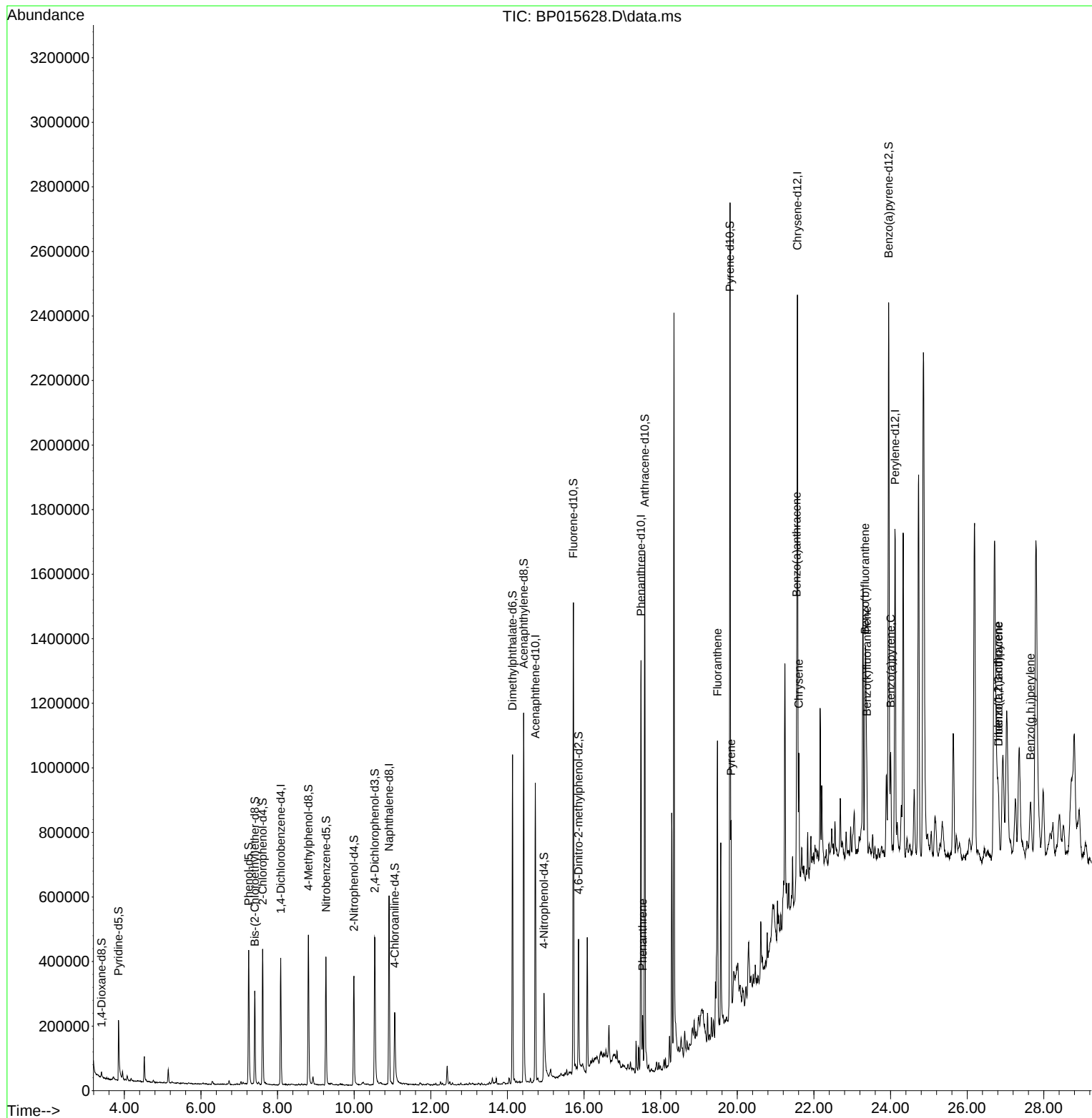
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
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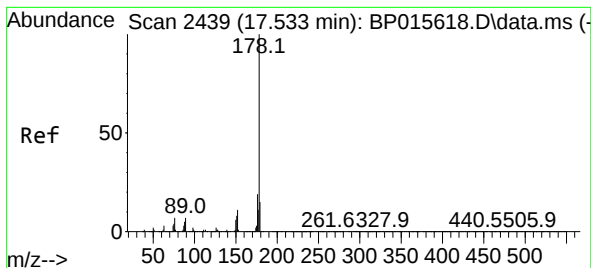
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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#72

Phenanthrene

Concen: 2.434 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

Instrument :

BNP_P

ClientSampleId :

DCFH9

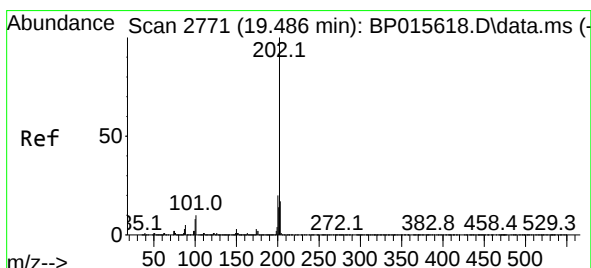
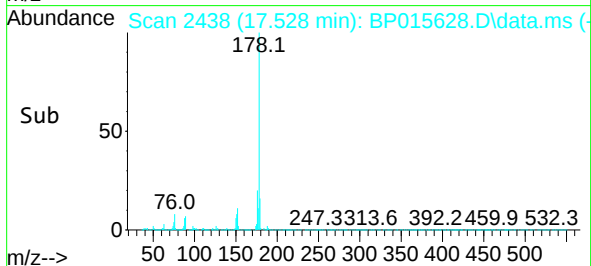
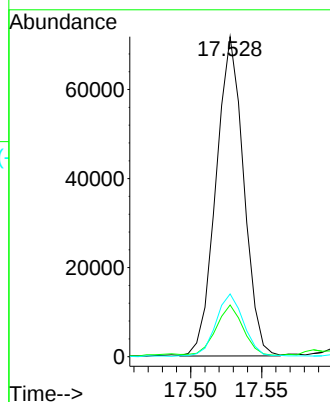
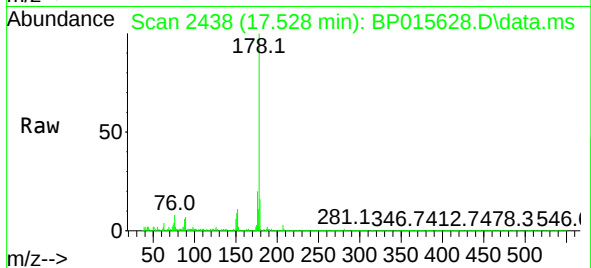
Tgt Ion:178	Resp:	9712
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.3 18.5
176	19.6	15.4 23.0

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#80

Fluoranthene

Concen: 7.253 ng/ul

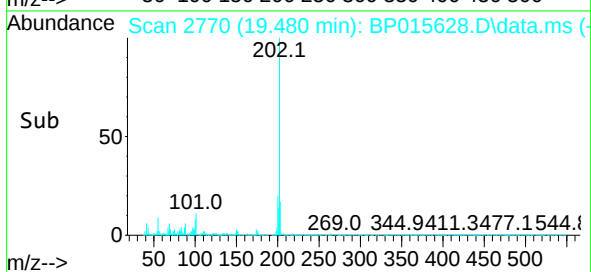
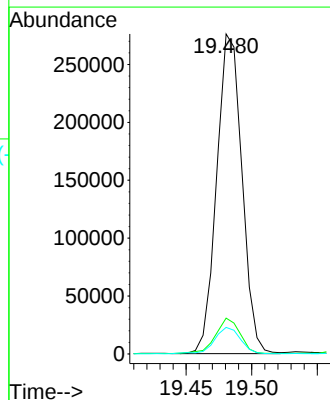
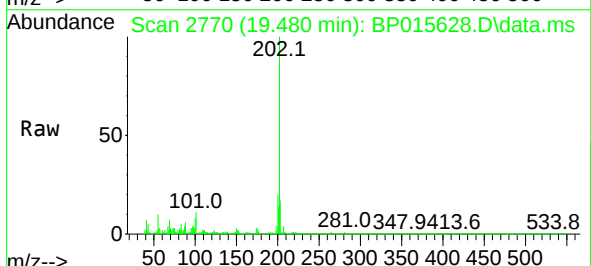
RT: 19.480 min Scan# 2770

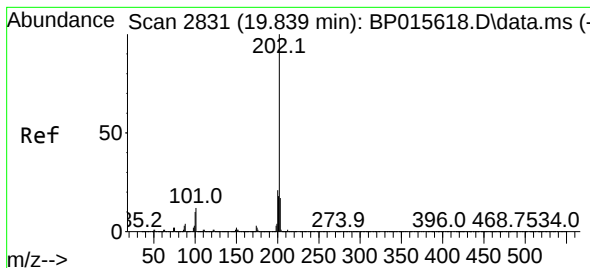
Delta R.T. -0.006 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

Tgt Ion:202	Resp:	369387
Ion Ratio	Lower	Upper
202	100	
101	11.2	8.6 13.0
100	8.3	6.6 9.8





#82

Pyrene

Concen: 6.299 ng/u1

RT: 19.839 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

Instrument :

BNA_P

ClientSampleId :

DCFH9

Tgt Ion:202 Resp: 331870

Ion Ratio Lower Upper

202 100

101 11.2 9.9 14.9

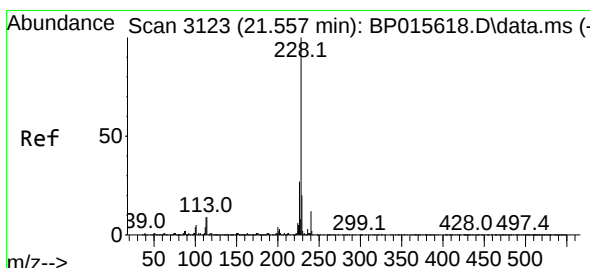
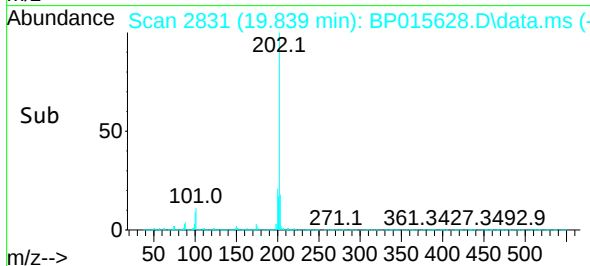
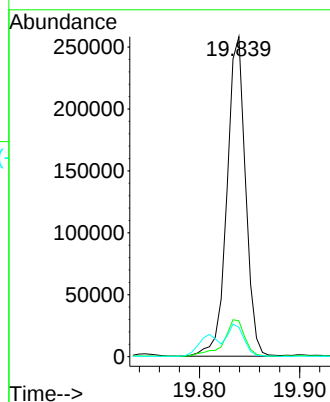
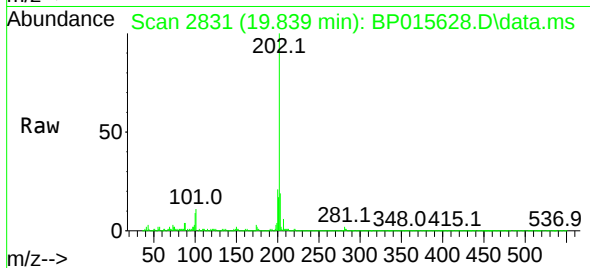
100 9.2 8.4 12.6

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#85

Benzo(a)anthracene

Concen: 3.972 ng/u1

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

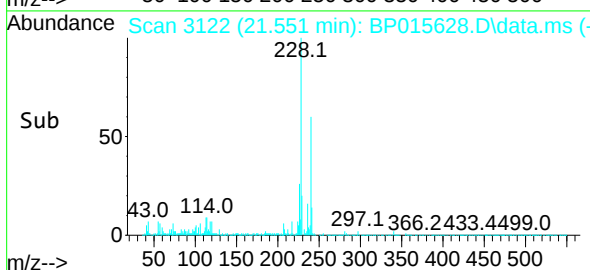
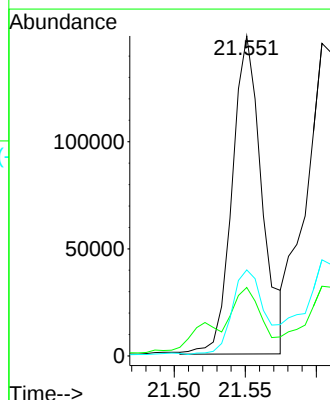
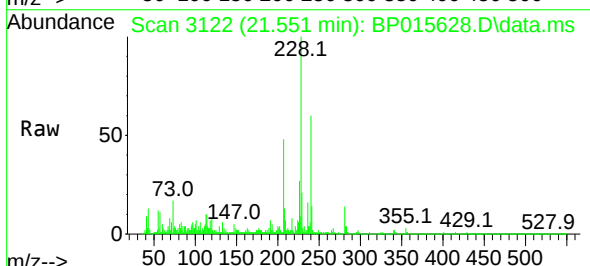
Tgt Ion:228 Resp: 216912

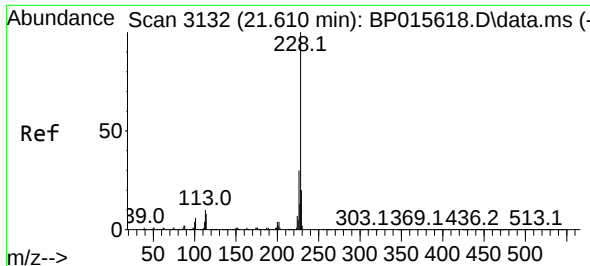
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

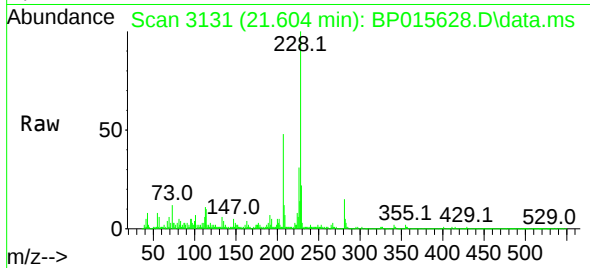
226 26.9 21.8 32.6





#87
Chrysene
Concen: 4.714 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015628.D
Acq: 20 Jun 2023 18:44

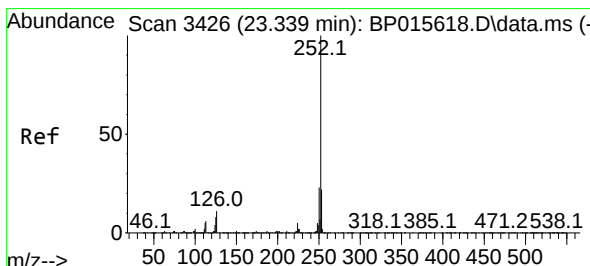
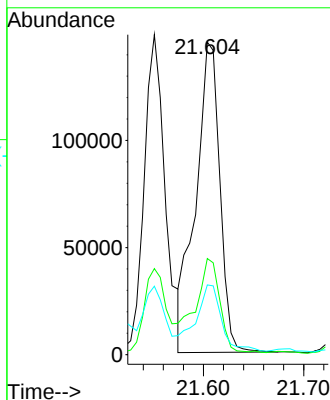
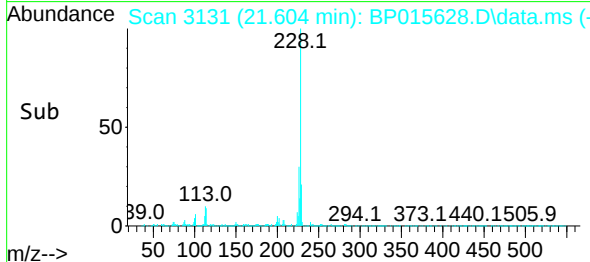
Instrument :
BNA_P
ClientSampleId :
DCFH9



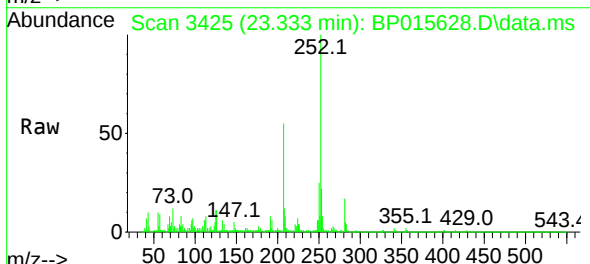
Tgt Ion:228 Resp: 243340
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 22.3 15.1 22.7

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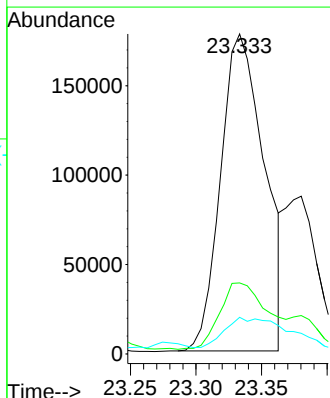
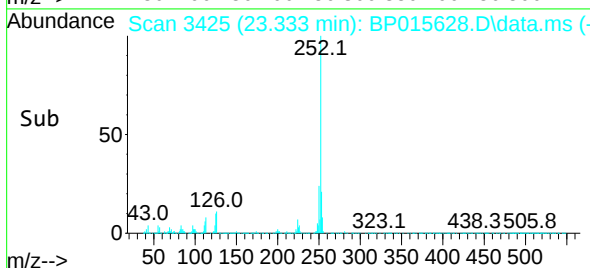
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

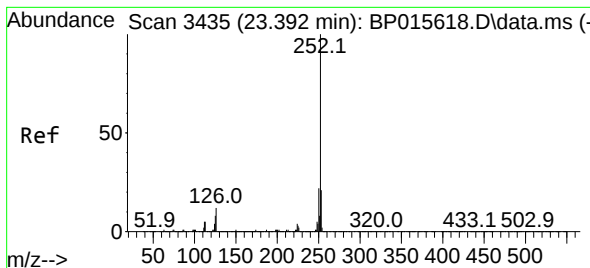


#90
Benzo(b)fluoranthene
Concen: 7.762 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015628.D
Acq: 20 Jun 2023 18:44



Tgt Ion:252 Resp: 411414
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.4 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 2.948 ng/ul m

RT: 23.380 min Scan# 3435

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

Instrument :

BNA_P

ClientSampleId :

DCFH9

Tgt Ion:252 Resp: 151049

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

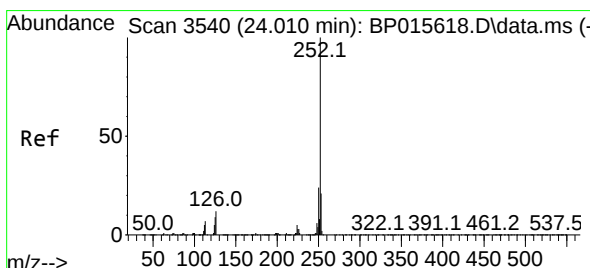
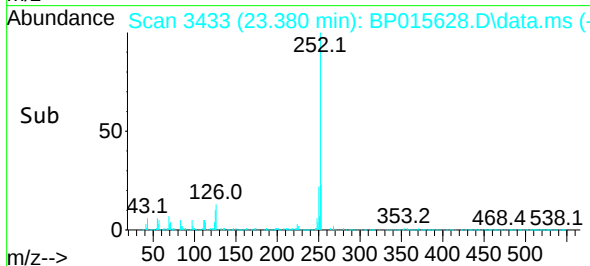
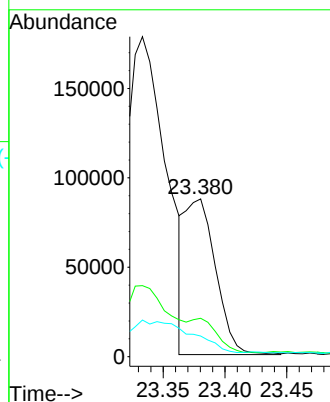
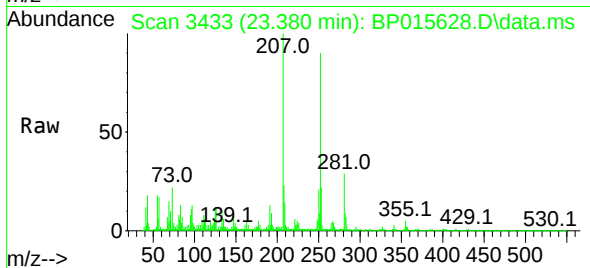
125 13.1 7.3 10.9

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#93

Benzo(a)pyrene

Concen: 5.474 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

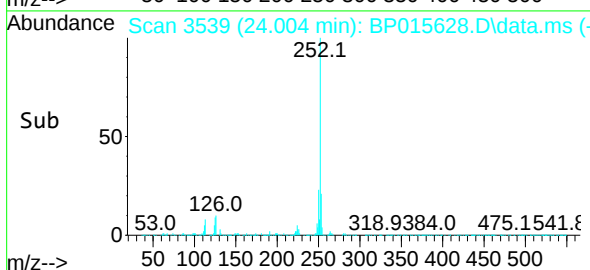
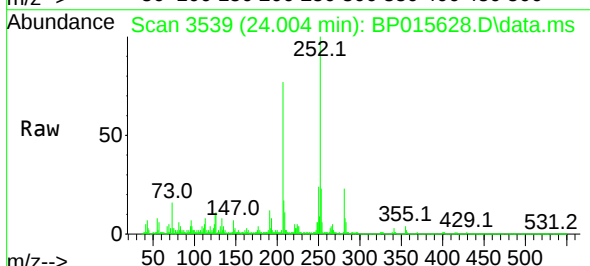
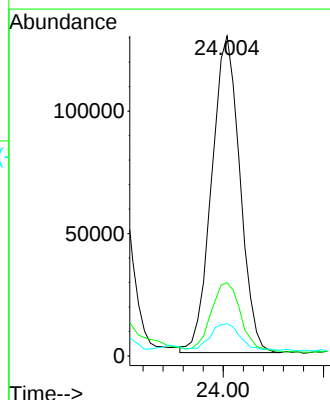
Tgt Ion:252 Resp: 252958

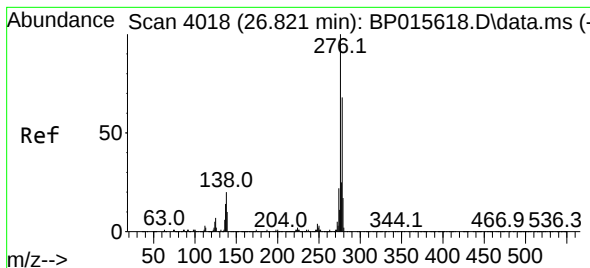
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 10.1 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.511 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

Instrument :

BNA_P

ClientSampleId :

DCFH9

Tgt Ion:276 Resp: 20995

Ion Ratio Lower Upper

276 100

138 18.1 17.3 25.9

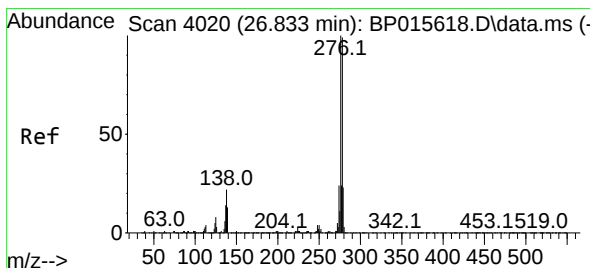
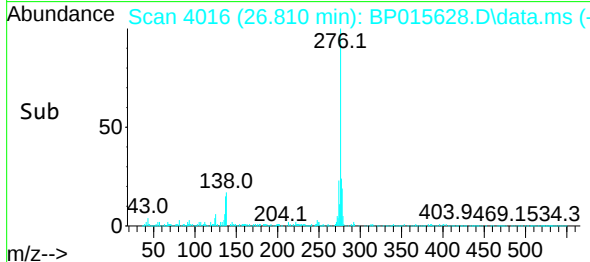
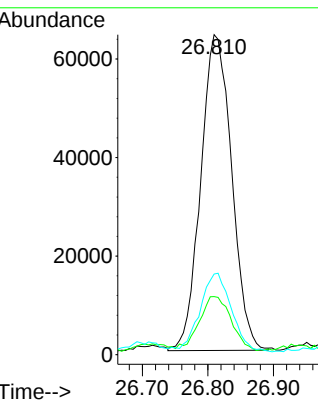
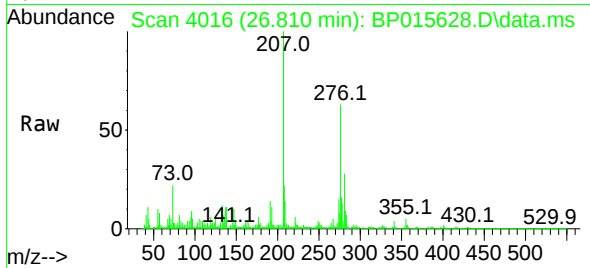
277 25.2 20.2 30.2

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#95

Dibenzo(a,h)anthracene

Concen: 1.108 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP015628.D

Acq: 20 Jun 2023 18:44

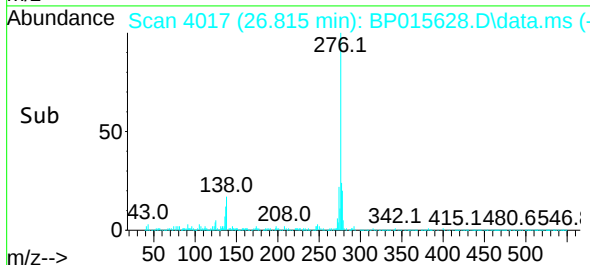
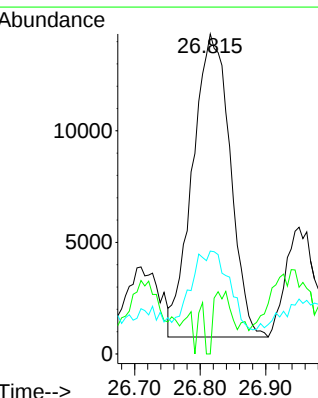
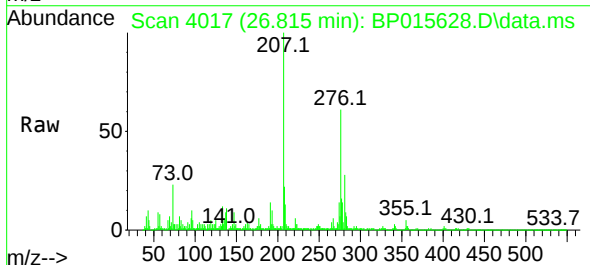
Tgt Ion:278 Resp: 53973

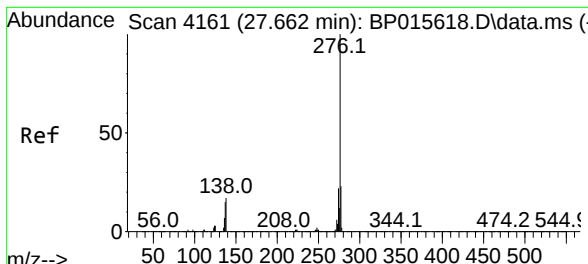
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 32.2 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 3.982 ng/ul
 RT: 27.651 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP015628.D
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Instrument :
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Tgt Ion:	276	Resp:	19628
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.6	23.4
277	24.7	19.0	28.6

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