

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015746.D
 Acq On : 27 Jun 2023 14:39
 Operator : MA/JU
 Sample : 03085-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN7

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 22:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	142727	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	507008	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	272688	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	584142	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	623099	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	775318	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14450	3.643	ng/uL	0.00
4) Pyridine-d5	3.834	84	121162	12.116	ng/u1	0.00
7) Phenol-d5	7.234	99	208210	17.050	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	151152	20.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	183208	19.874	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	127077	13.172	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	84813	21.889	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	91934	20.329	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	142018	17.623	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	70164	6.778	ng/u1	0.04
46) Dimethylphthalate-d6	14.122	166	473776	22.479	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	530057	22.372	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	42420m	15.251	ng/u1	0.03
60) Fluorene-d10	15.710	176	388234	22.371	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	57020	15.872	ng/u1	0.00
73) Anthracene-d10	17.575	188	587143	22.005	ng/u1	0.00
81) Pyrene-d10	19.798	212	782739	19.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	888950	22.729	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.440	152	91107	3.490	ng/u1	99
72) Phenanthrene	17.516	178	212056	6.682	ng/u1	100
74) Anthracene	17.616	178	93196	2.923	ng/u1	98
80) Fluoranthene	19.475	202	779387	15.413	ng/u1	100
82) Pyrene	19.827	202	686165	13.303	ng/u1	98
85) Benzo(a)anthracene	21.545	228	556663	12.700	ng/u1	96
87) Chrysene	21.598	228	627556	15.091	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	1007920	20.232	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	333283m	6.621	ng/u1	
93) Benzo(a)pyrene	23.992	252	613220	14.087	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	524287	8.872	ng/u1	98
95) Dibenzo(a,h)anthracene	26.809	278	149279	3.076	ng/u1#	78
96) Benzo(g,h,i)perylene	27.645	276	492121	10.123	ng/u1	99

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

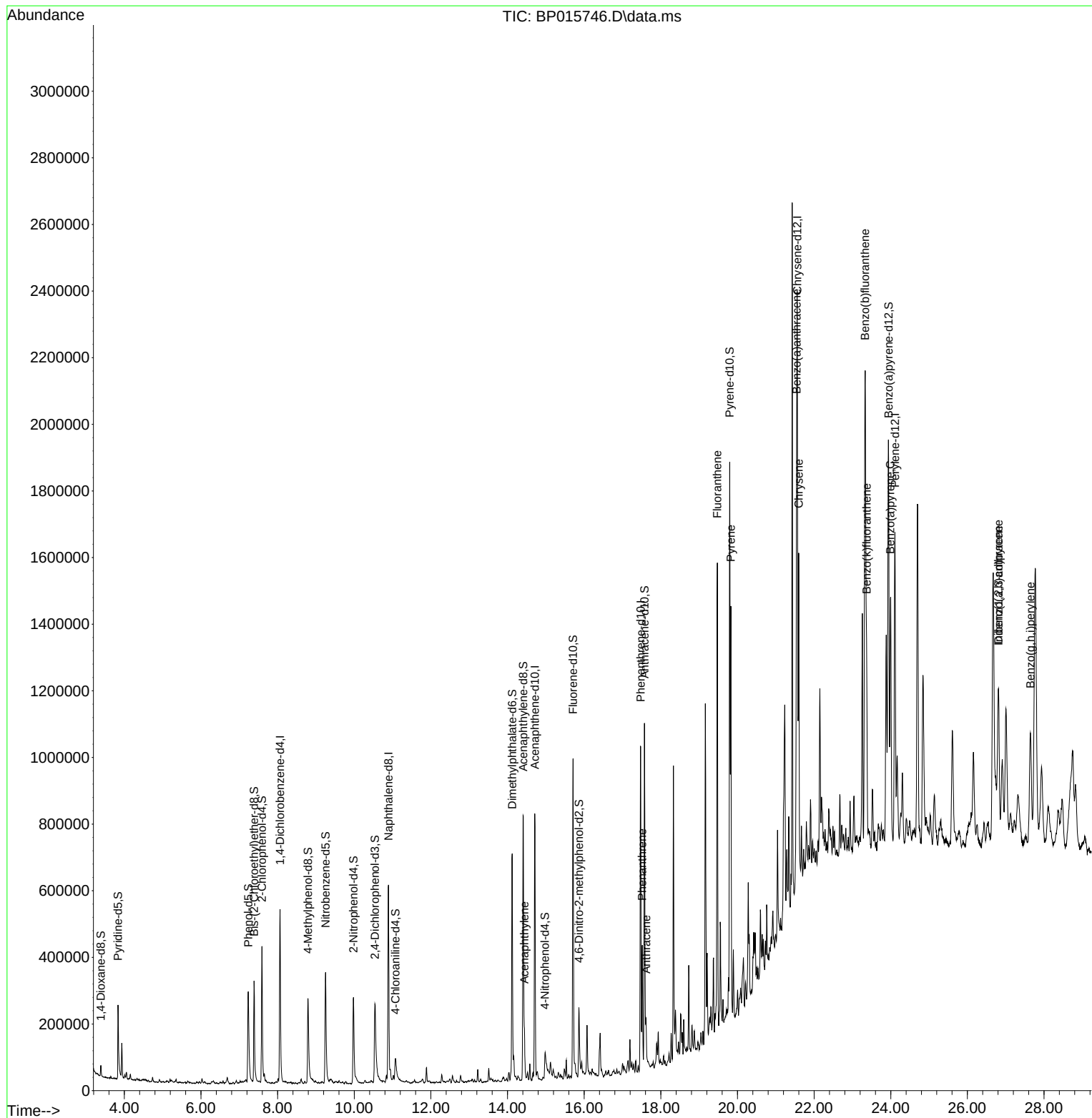
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015746.D
Acq On : 27 Jun 2023 14:39
Operator : MA/JU
Sample : 03085-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

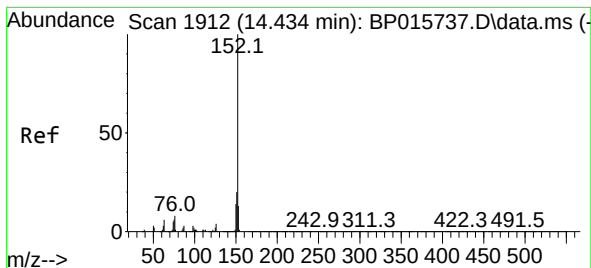
Instrument :
BNA_P
ClientSampleId :
DCFN7

Quant Time: Jun 27 22:30:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
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#50

Acenaphthylene

Concen: 3.490 ng/ul

RT: 14.440 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

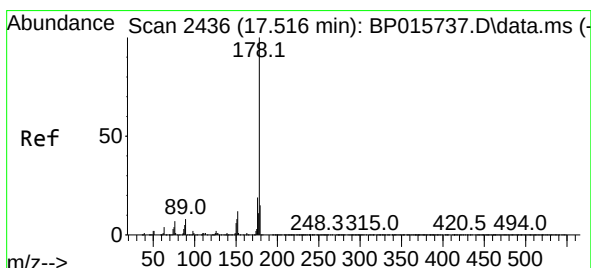
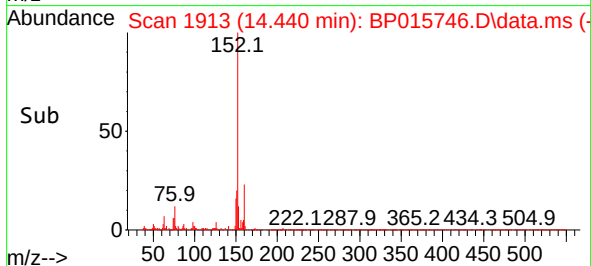
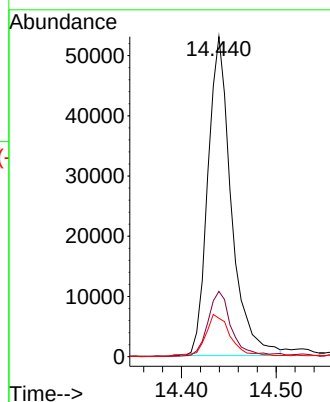
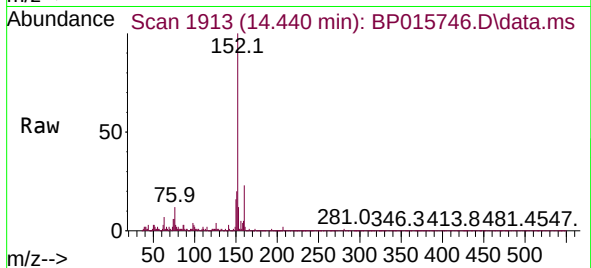
Tgt Ion:	152	Resp:	9110
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	12.0	10.5	15.7

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Supervised By :mohammad ahmed 06/27/2023



#72

Phenanthrene

Concen: 6.682 ng/ul

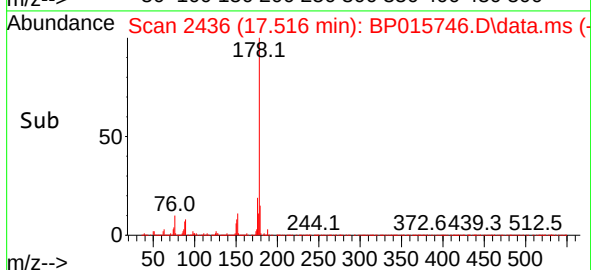
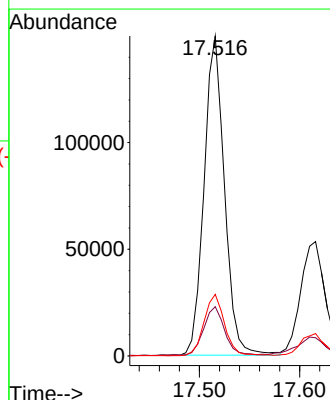
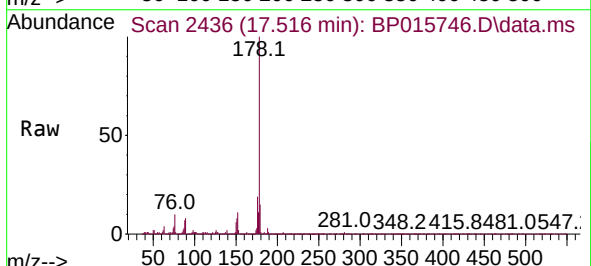
RT: 17.516 min Scan# 2436

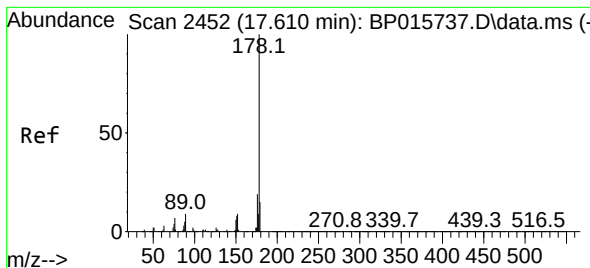
Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Tgt Ion:	178	Resp:	212056
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	19.3	15.6	23.4





#74

Anthracene

Concen: 2.923 ng/ul

RT: 17.616 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

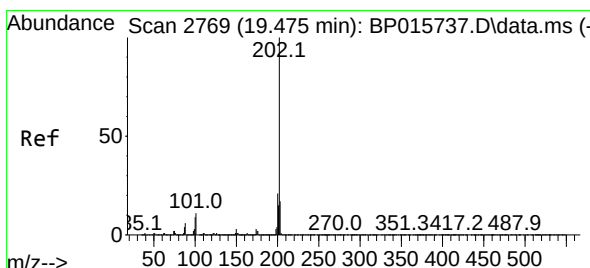
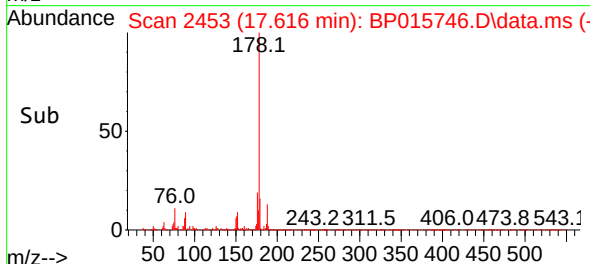
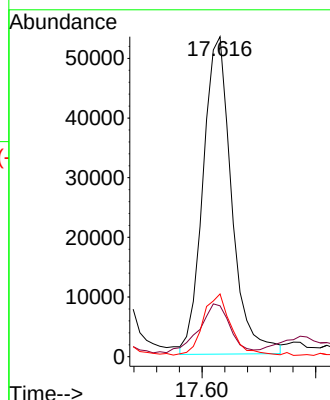
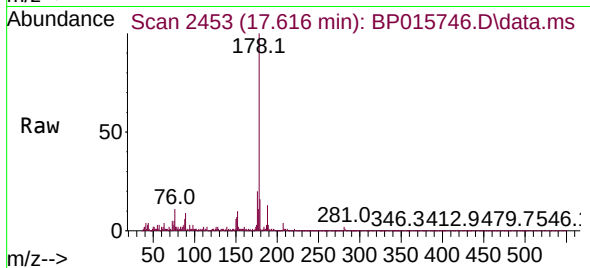
Tgt Ion:	178	Resp:	93190
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.1	18.1
176	19.6	14.6	22.0

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Supervised By :mohammad ahmed 06/27/2023



#80

Fluoranthene

Concen: 15.413 ng/ul

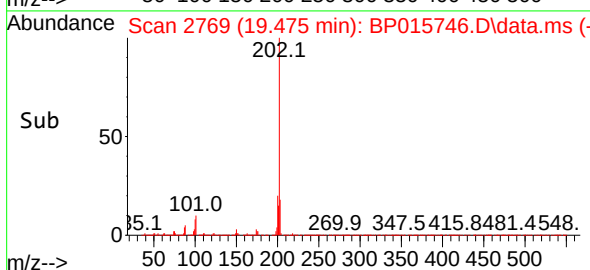
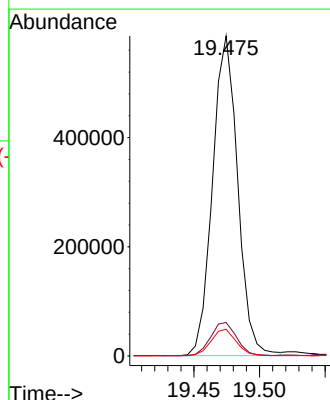
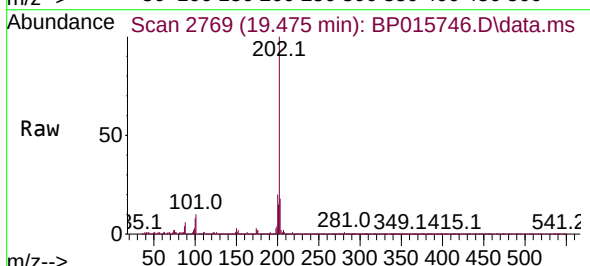
RT: 19.475 min Scan# 2769

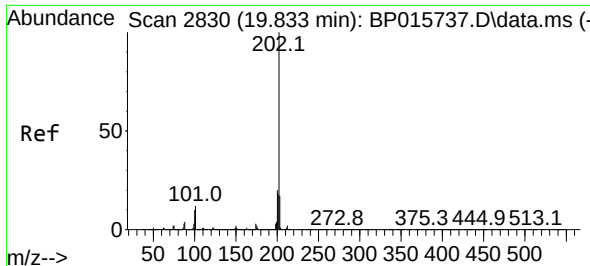
Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

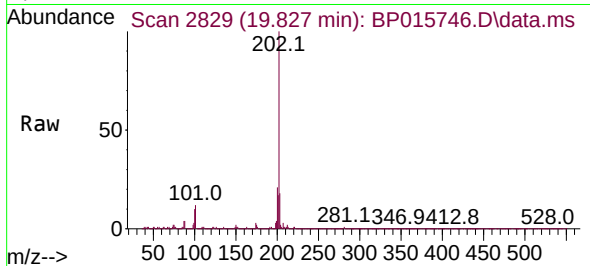
Tgt Ion:	202	Resp:	779387
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.3	12.5
100	8.3	6.6	9.8





#82
Pyrene
Concen: 13.303 ng/ul
RT: 19.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39

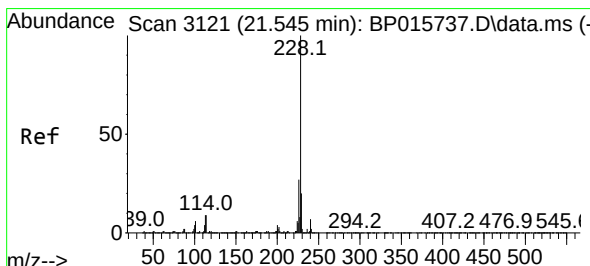
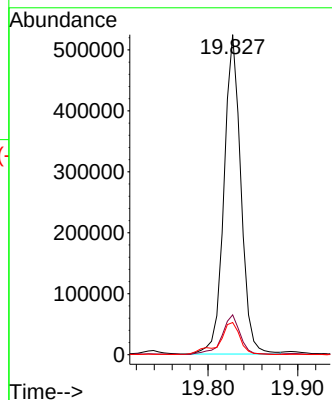
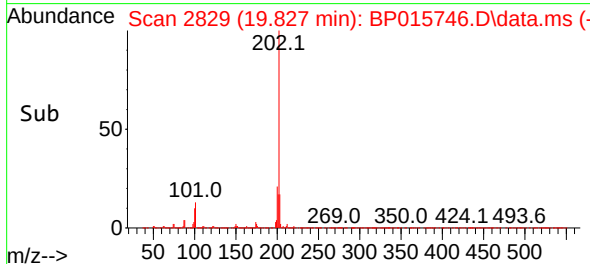
Instrument :
BNA_P
ClientSampleId :
DCFN7



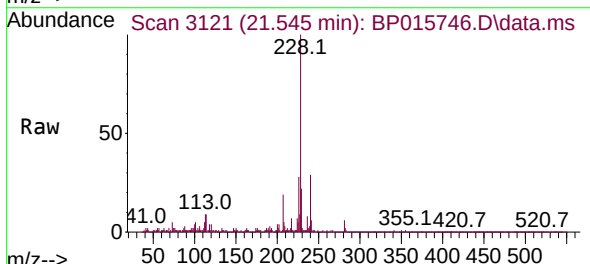
Tgt Ion:202 Resp: 68616
Ion Ratio Lower Upper
202 100
101 12.5 9.3 13.9
100 10.1 7.6 11.4

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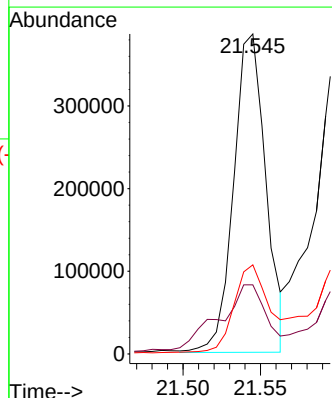
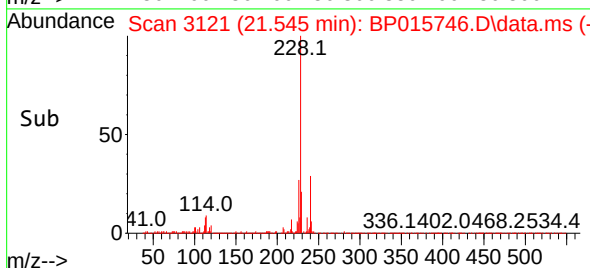
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

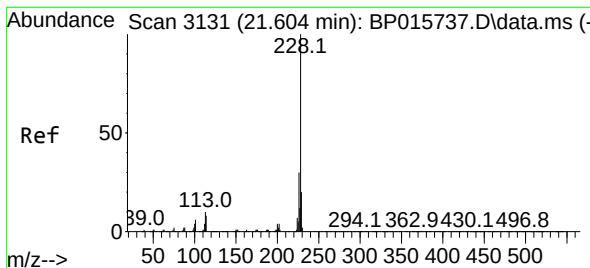


#85
Benzo(a)anthracene
Concen: 12.700 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39



Tgt Ion:228 Resp: 556663
Ion Ratio Lower Upper
228 100
229 21.6 15.3 22.9
226 27.9 21.4 32.0





#87

Chrysene

Concen: 15.091 ng/ul

RT: 21.598 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

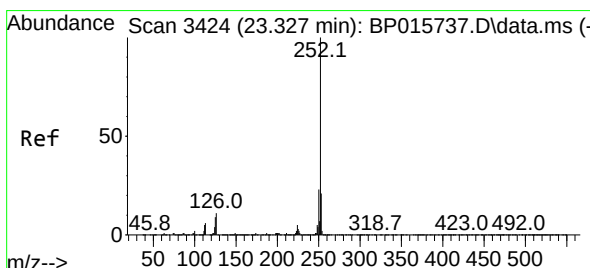
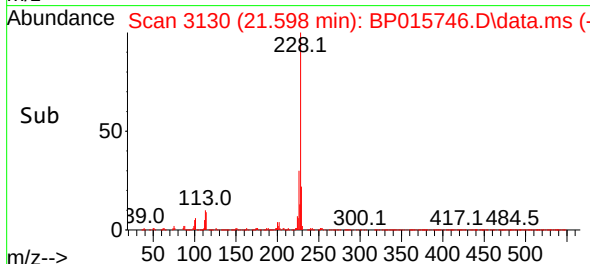
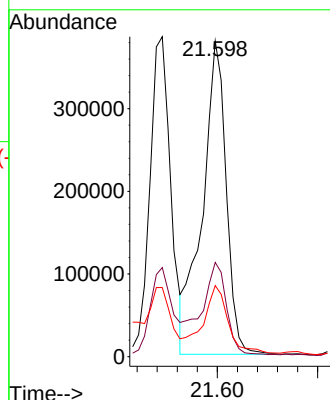
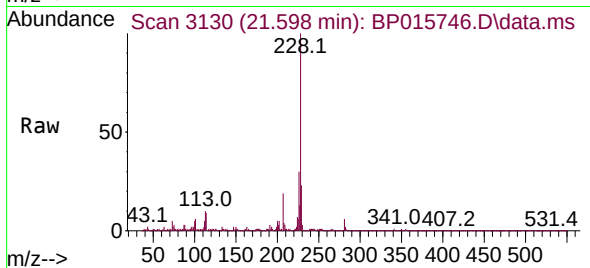
DCFN7

Tgt Ion:228 Resp: 627550
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 22.5 15.5 23.3

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 Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(b)fluoranthene

Concen: 20.232 ng/ul

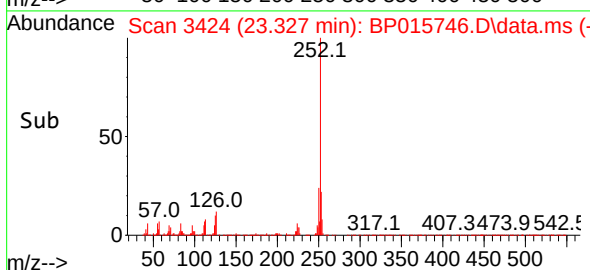
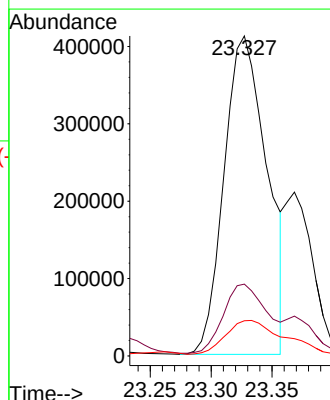
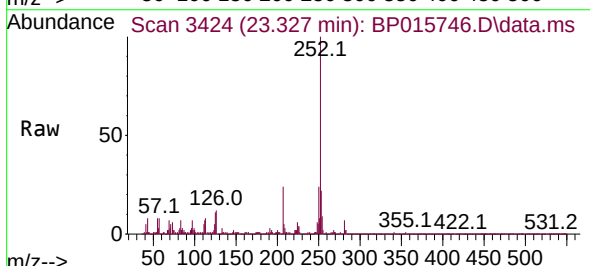
RT: 23.327 min Scan# 3424

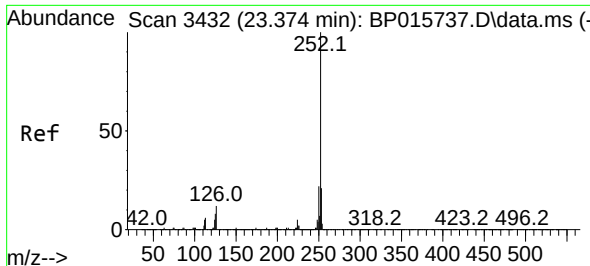
Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Tgt Ion:252 Resp: 1007920
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 11.0 7.5 11.3





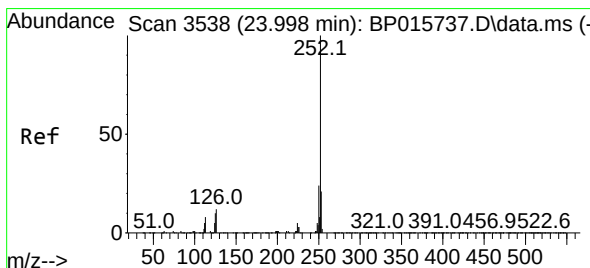
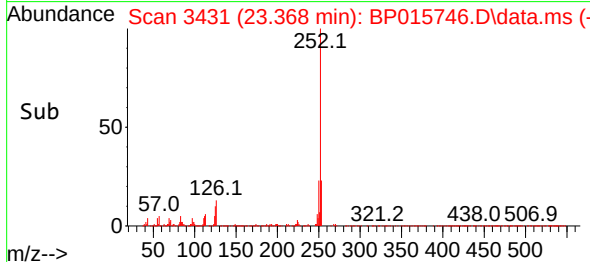
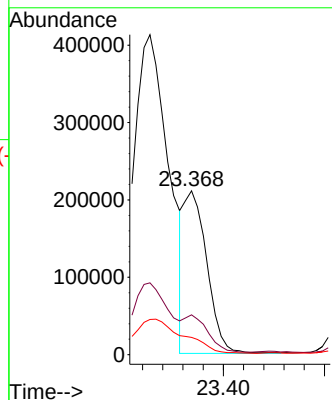
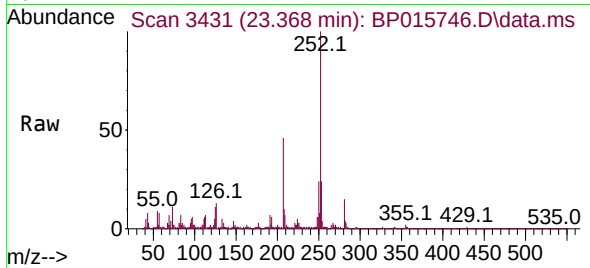
#91
Benzo(k)fluoranthene
Concen: 6.621 ng/ul m
RT: 23.368 min Scan# 3432
Delta R.T. -0.012 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39

Instrument :
BNA_P
ClientSampleId :
DCFN7

Tgt Ion:252 Resp: 33328
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.4
125 10.6 7.3 10.9

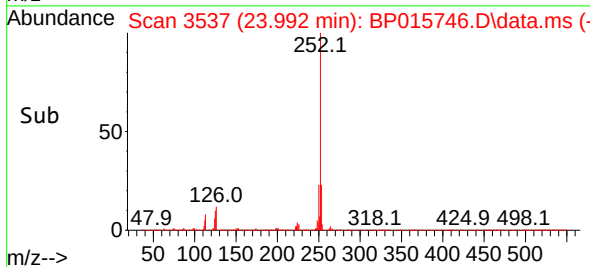
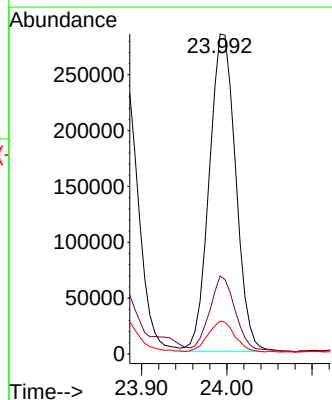
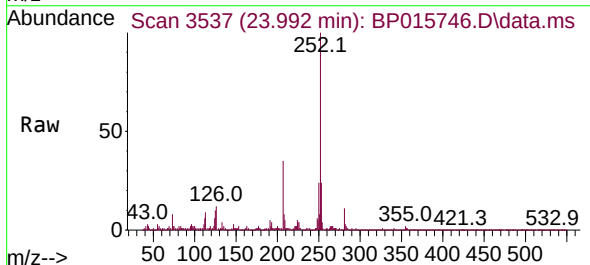
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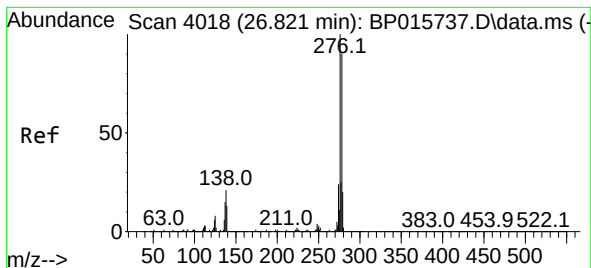
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 14.087 ng/ul
RT: 23.992 min Scan# 3537
Delta R.T. -0.012 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39

Tgt Ion:252 Resp: 613220
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 10.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.872 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

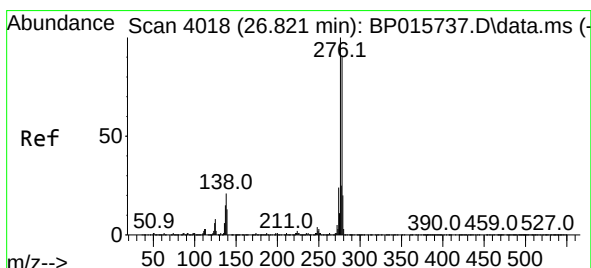
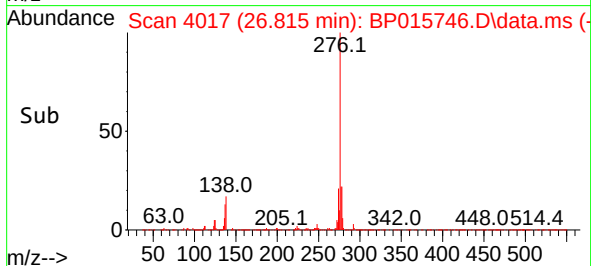
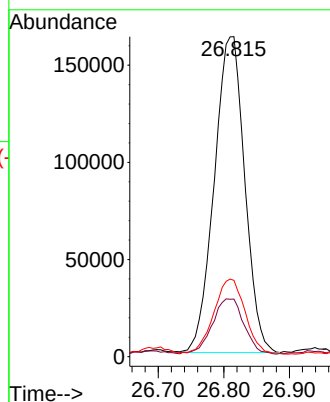
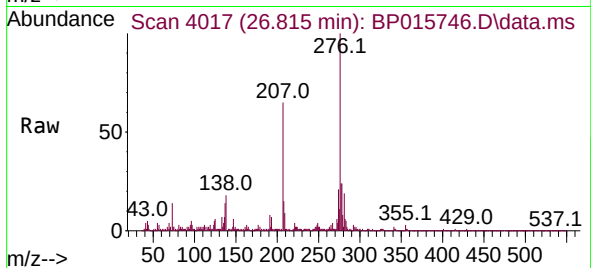
Tgt Ion:276 Resp: 52428
 Ion Ratio Lower Upper
 276 100
 138 18.0 15.7 23.5
 277 23.8 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#95

Dibenzo(a,h)anthracene

Concen: 3.076 ng/ul

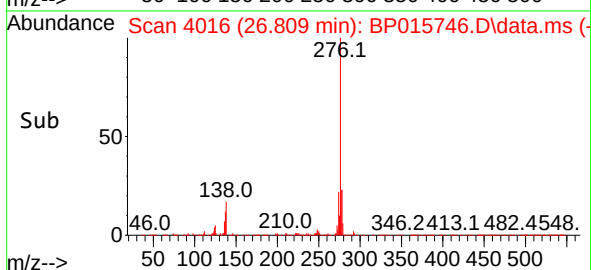
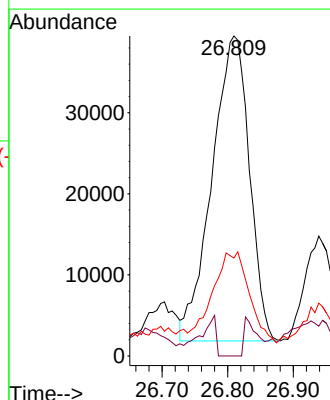
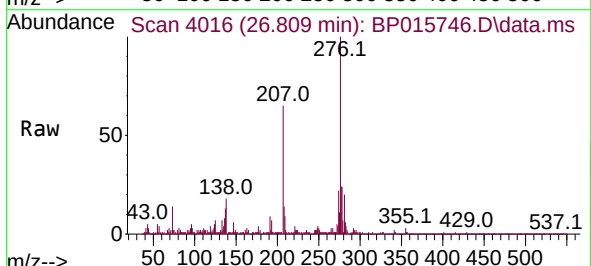
RT: 26.809 min Scan# 4016

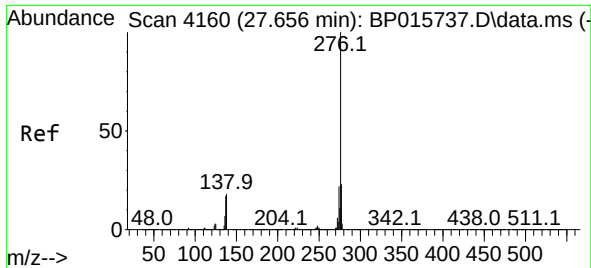
Delta R.T. -0.018 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

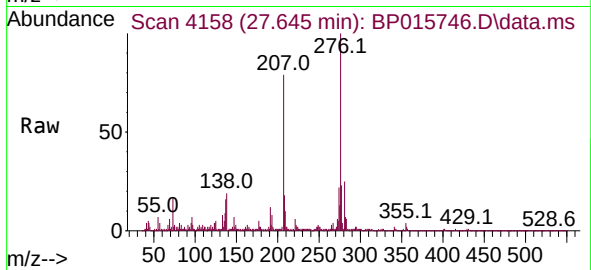
Tgt Ion:278 Resp: 149279
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 30.6 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 10.123 ng/ul
 RT: 27.645 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP015746.D
 Acq: 27 Jun 2023 14:39

Instrument :
 BNA_P
 ClientSampleId :
 DCFN7



Tgt Ion:276 Resp: 49212
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.1 22.7
 277 23.0 18.8 28.2

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