

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015599.D
 Acq On : 17 Jun 2023 01:56
 Operator : MA/JU
 Sample : 03080-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 02:54:19 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	120573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	532280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	343038	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	765425	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	712467	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	744415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10162	3.121	ng/uL	0.00
4) Pyridine-d5	3.852	84	112244	13.271	ng/ul	0.00
7) Phenol-d5	7.240	99	217341	19.566	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	140484	21.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	179471	22.285	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	155467	17.053	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	89568	21.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	103415	21.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	179646	20.636	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	117545	9.407	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	596958	22.068	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	673047	22.754	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	57054	11.778	ng/ul	0.02
60) Fluorene-d10	15.716	176	506648	22.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	72558	14.963	ng/ul	0.00
73) Anthracene-d10	17.580	188	783605	22.501	ng/ul	0.00
81) Pyrene-d10	19.804	212	957263	25.104	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	858807	22.992	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	291512	7.097	ng/ul	98
74) Anthracene	17.616	178	64409	1.545	ng/ul	98
80) Fluoranthene	19.480	202	947806	20.405	ng/ul	98
82) Pyrene	19.833	202	829346	17.258	ng/ul	99
85) Benzo(a)anthracene	21.545	228	491407	9.866	ng/ul	99
87) Chrysene	21.604	228	536945	11.405	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	792210	16.487	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	297049m	6.395	ng/ul	
93) Benzo(a)pyrene	23.998	252	513562	12.258	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	397931	7.339	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.798	278	100857	2.283	ng/ul#	77
96) Benzo(g,h,i)perylene	27.633	276	362726	8.118	ng/ul	99

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

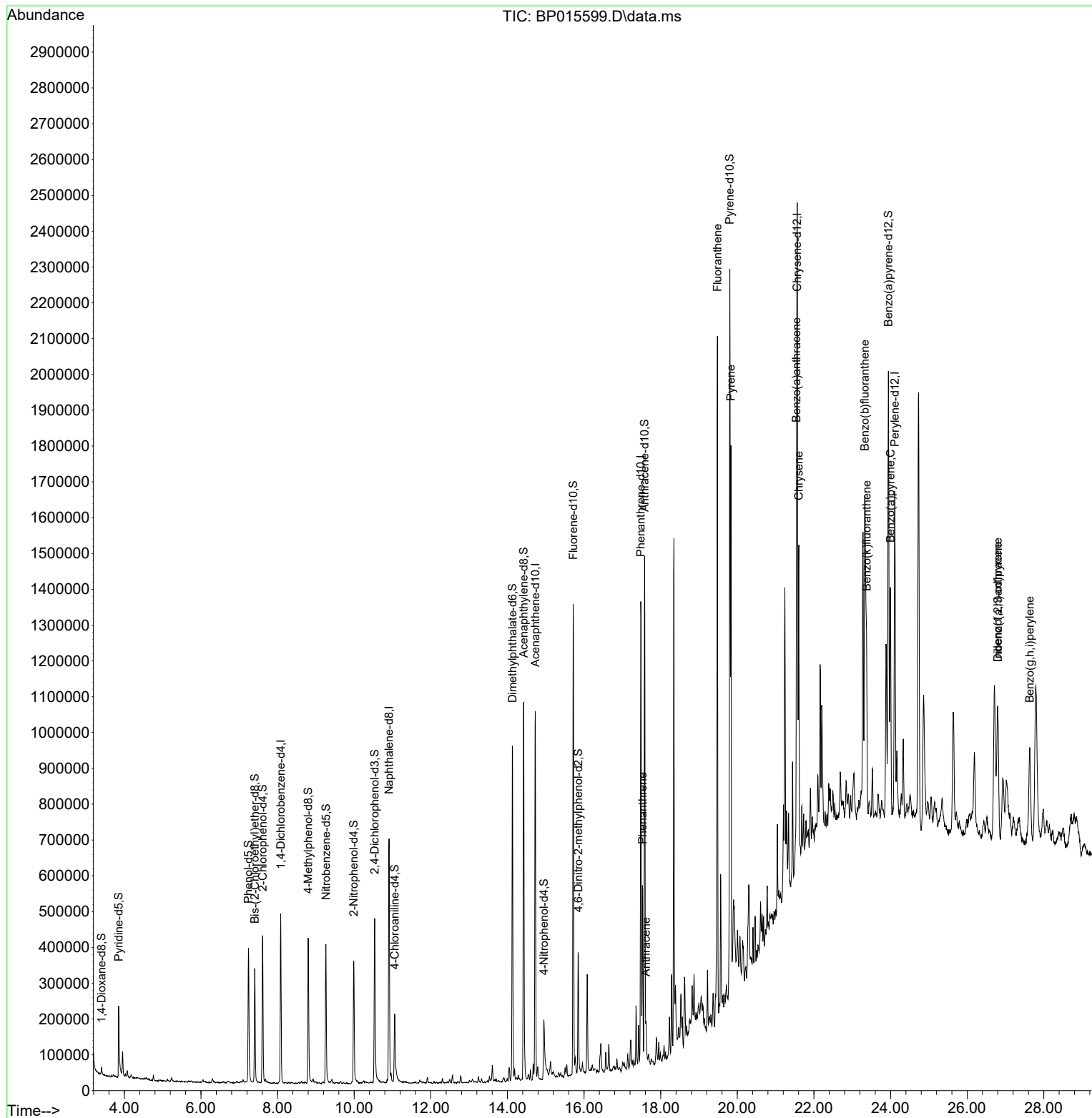
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
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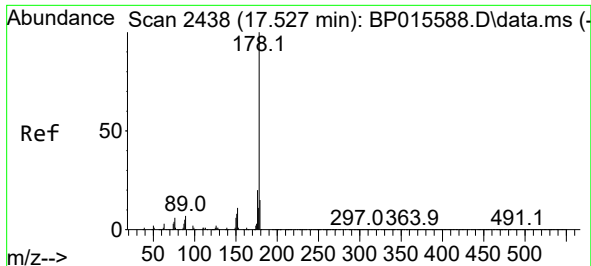
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ0

Quant Time: Jun 17 02:54:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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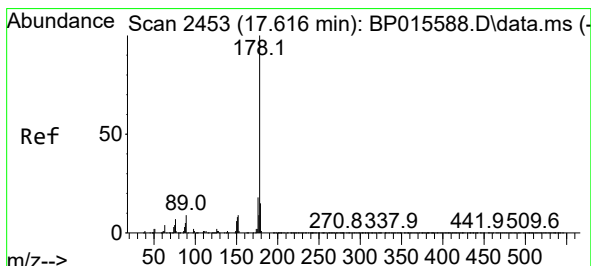
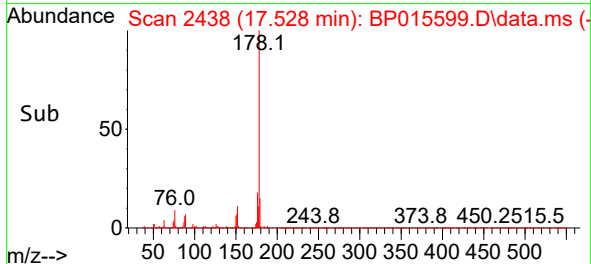
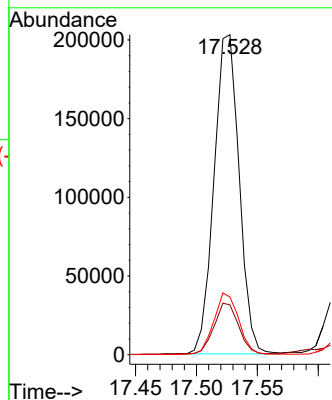
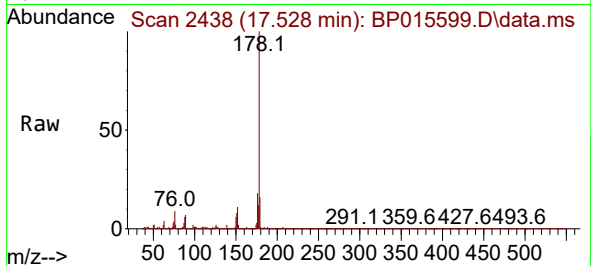
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Phenanthrene
Concen: 7.097 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

Instrument :
BNA_P
ClientSampleId :
DCFJ0

Tgt Ion:178 Resp: 291512
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.0 15.4 23.0

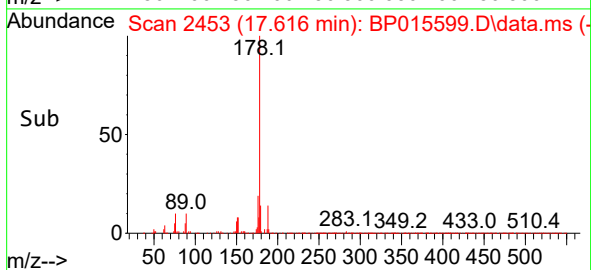
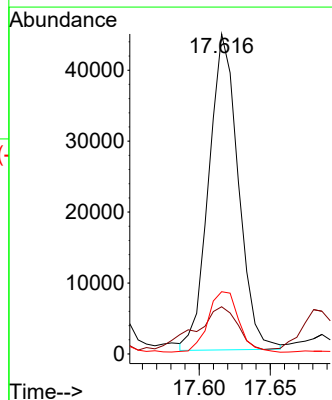
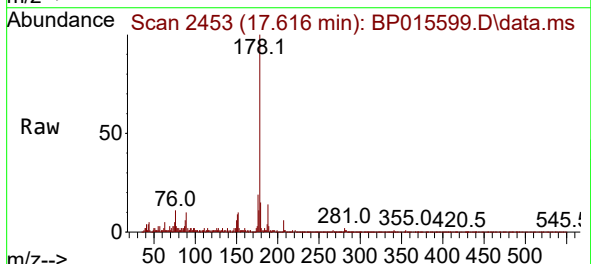
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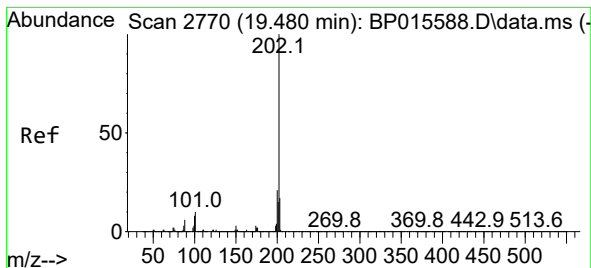
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#74
Anthracene
Concen: 1.545 ng/ul
RT: 17.616 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

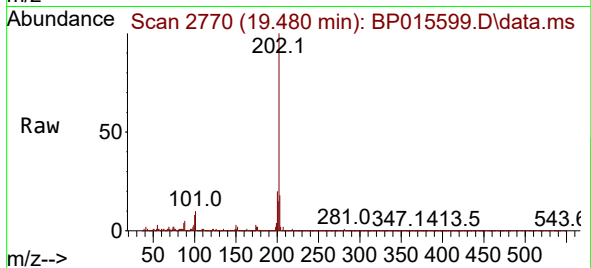
Tgt Ion:178 Resp: 64409
Ion Ratio Lower Upper
178 100
179 14.7 12.4 18.6
176 19.4 15.0 22.4





#80
Fluoranthene
Concen: 20.405 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

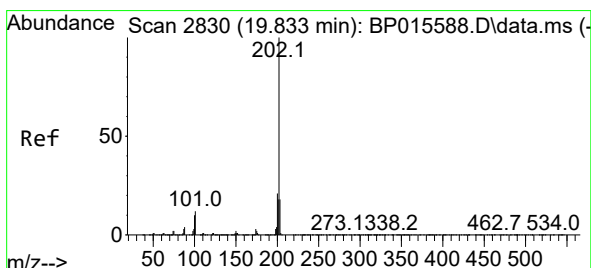
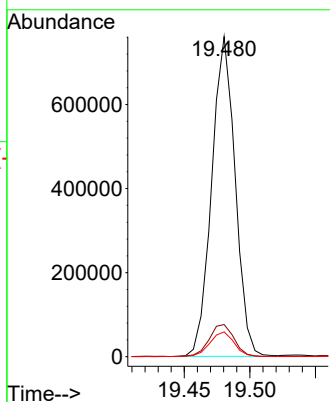
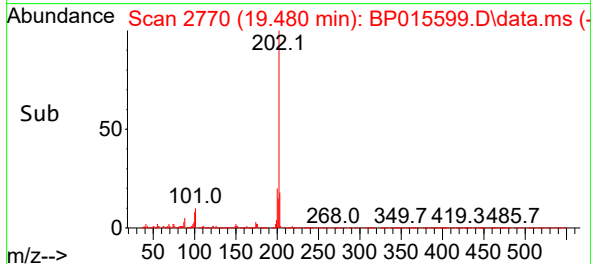
Instrument :
BNA_P
ClientSampleId :
DCFJ0



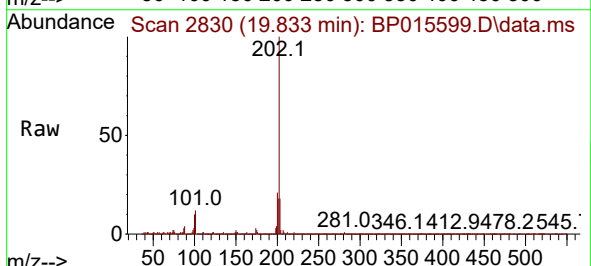
Tgt Ion:202 Resp: 947800
Ion Ratio Lower Upper
202 100
101 10.0 8.6 13.0
100 7.8 6.6 9.8

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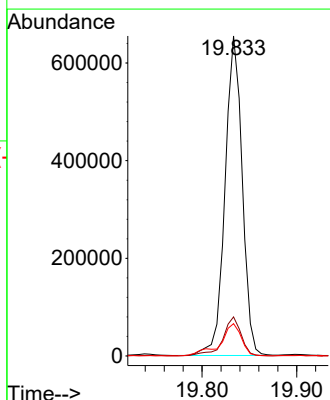
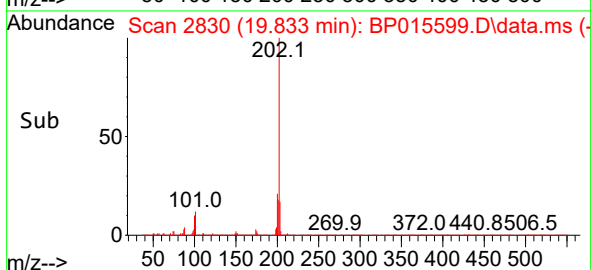
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

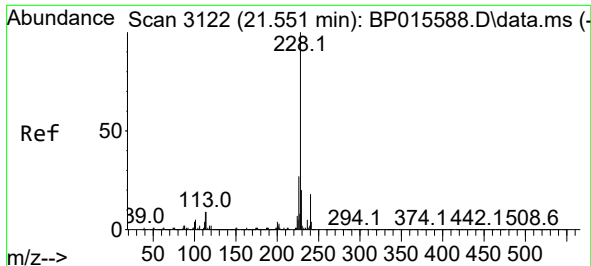


#82
Pyrene
Concen: 17.258 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56



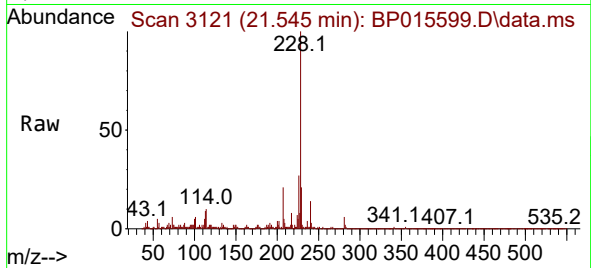
Tgt Ion:202 Resp: 829346
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 10.1 8.4 12.6





#85
Benzo(a)anthracene
Concen: 9.866 ng/ul
RT: 21.545 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

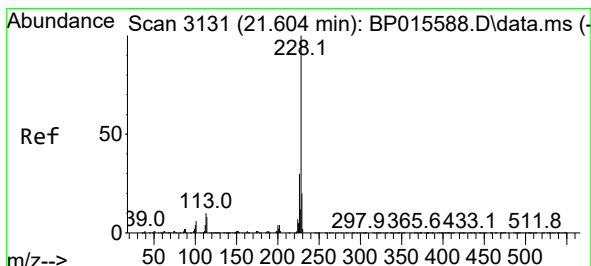
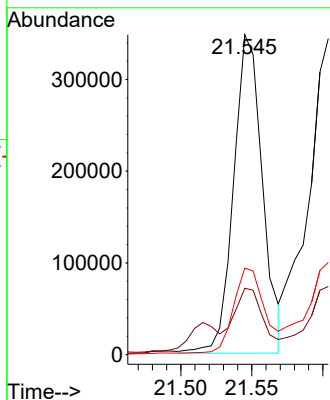
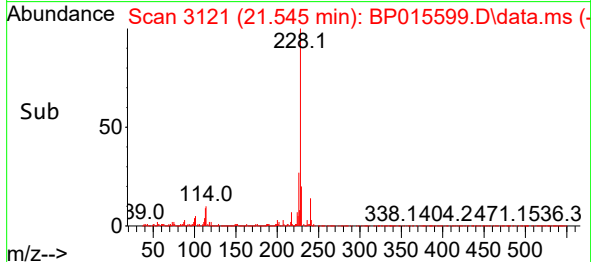
Instrument :
BNA_P
ClientSampleId :
DCFJ0



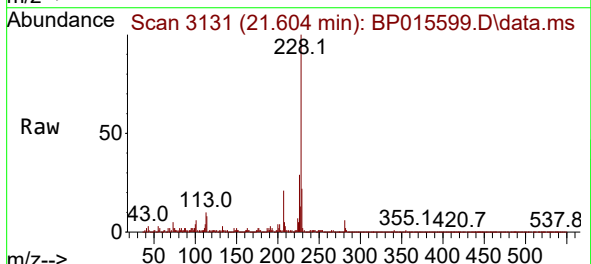
Tgt Ion:228 Resp: 49140
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 27.0 21.8 32.6

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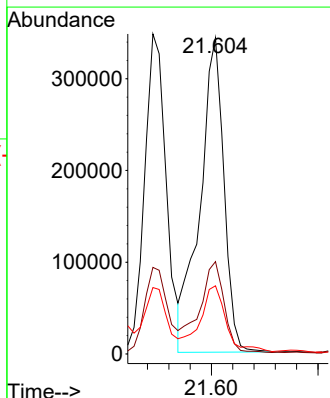
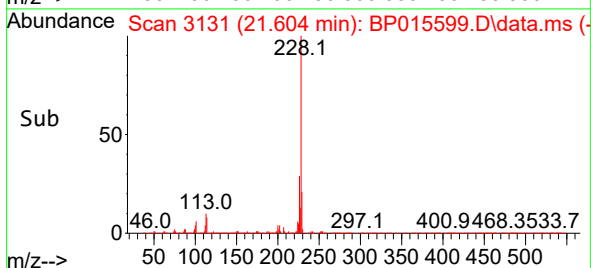
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

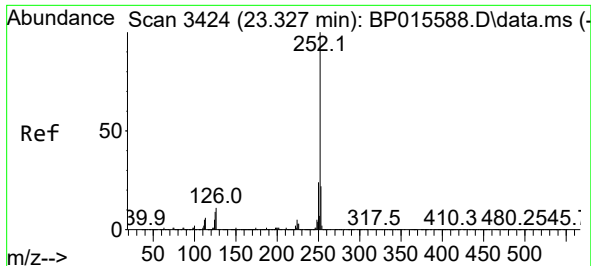


#87
Chrysene
Concen: 11.405 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56



Tgt Ion:228 Resp: 536945
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 21.5 15.1 22.7





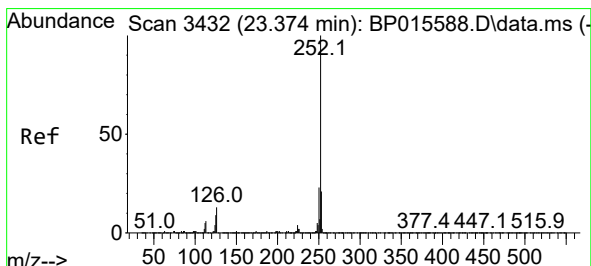
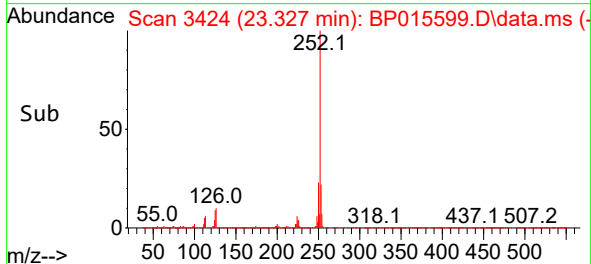
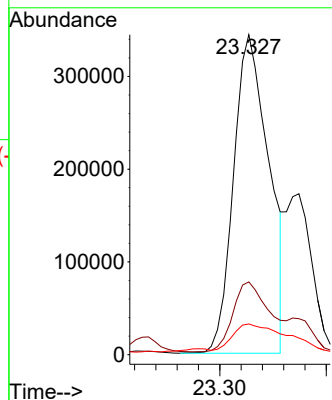
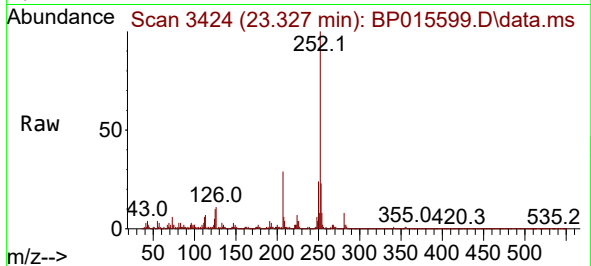
#90
Benzo(b)fluoranthene
Concen: 16.487 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

Instrument :
BNA_P
ClientSampleId :
DCFJ0

Tgt Ion:252 Resp: 792210
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.6 7.3 10.9

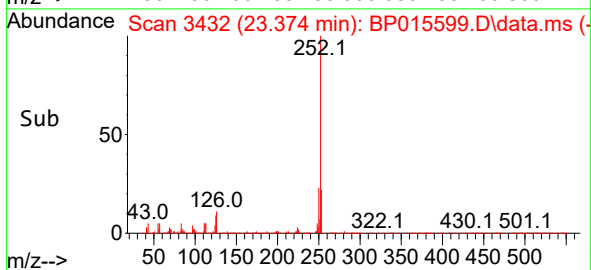
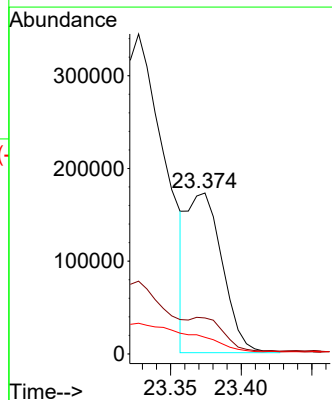
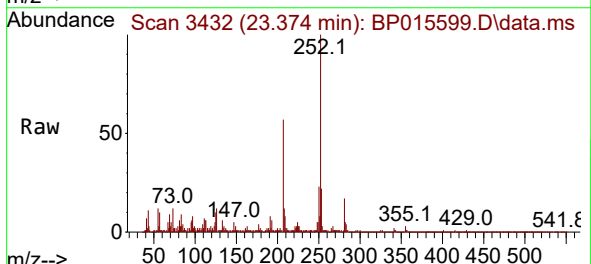
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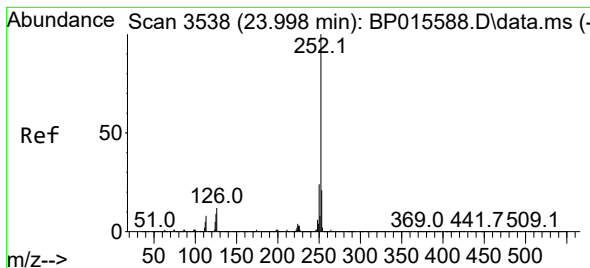
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#91
Benzo(k)fluoranthene
Concen: 6.395 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

Tgt Ion:252 Resp: 297049
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 12.258 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015599.D

Acq: 17 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

DCFJ0

Tgt Ion:252 Resp: 51356

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

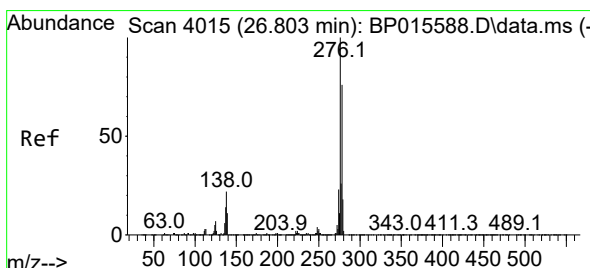
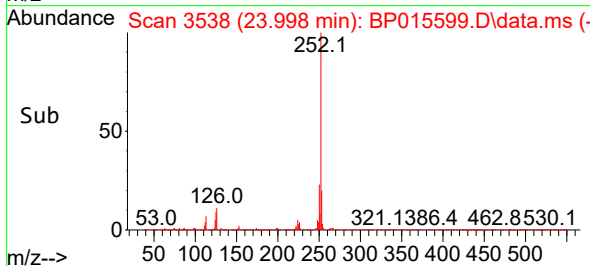
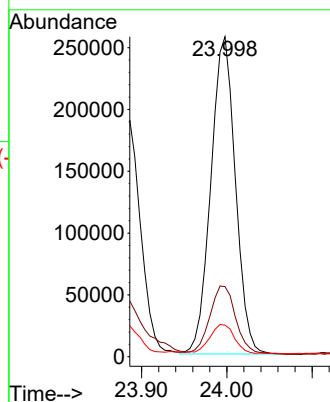
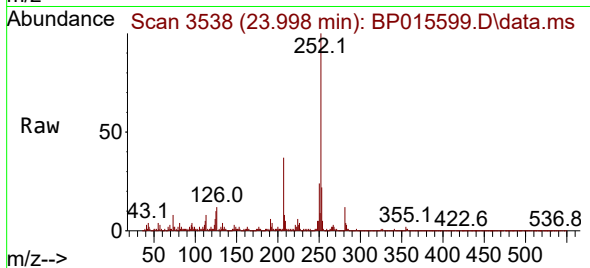
125 9.8 8.1 12.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.339 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015599.D

Acq: 17 Jun 2023 01:56

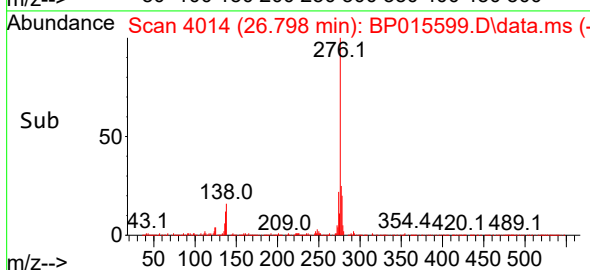
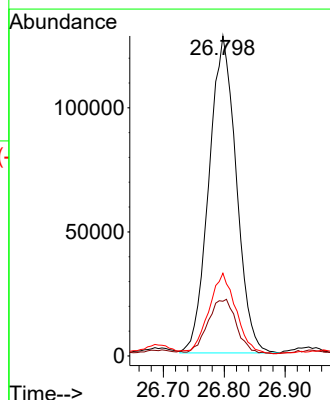
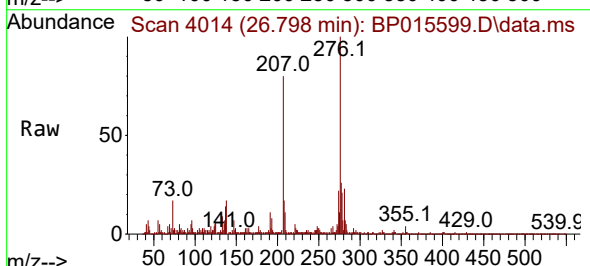
Tgt Ion:276 Resp: 397931

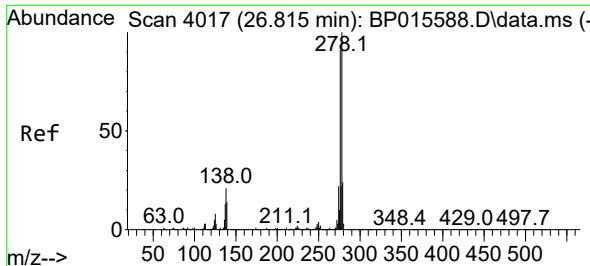
Ion Ratio Lower Upper

276 100

138 17.1 17.3 25.9#

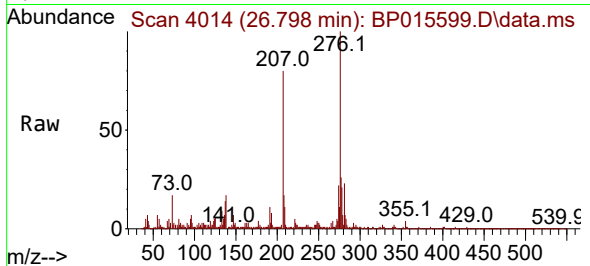
277 25.9 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 2.283 ng/ul
RT: 26.798 min Scan# 4017
Delta R.T. -0.030 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56

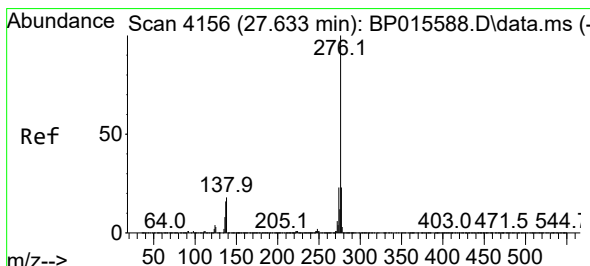
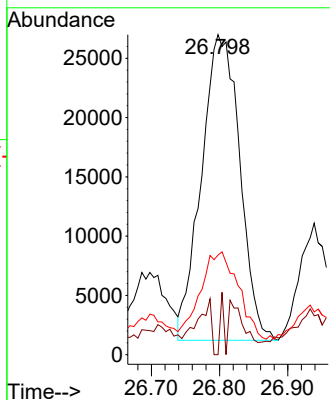
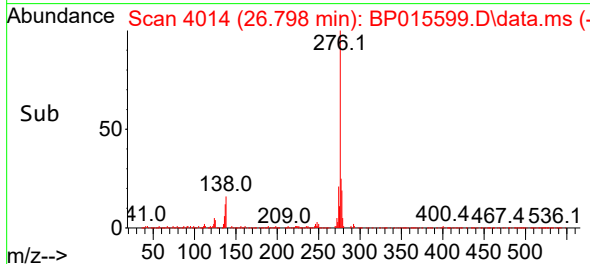
Instrument :
BNA_P
ClientSampleId :
DCFJ0



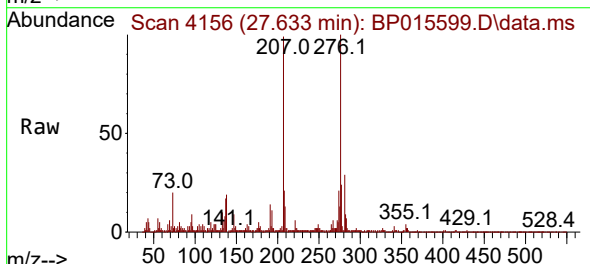
Tgt Ion:278 Resp: 10085
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0
279 31.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#96
Benzo(g,h,i)perylene
Concen: 8.118 ng/ul
RT: 27.633 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BP015599.D
Acq: 17 Jun 2023 01:56



Tgt Ion:276 Resp: 362726
Ion Ratio Lower Upper
276 100
138 19.3 15.6 23.4
277 24.4 19.0 28.6

