

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017904.D
 Acq On : 03 Nov 2023 01:40
 Operator : MA/JU
 Sample : 05060-12
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 02:35:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	148193	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.704	136	565098	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.575	164	318433	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	643130	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	512020	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	546898	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	5835	1.465	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	100384	8.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	66775	8.768	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	89284	8.877	ng/u1	-0.01
15) 4-Methylphenol-d8	8.604	113	66738	6.891	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	42427	9.265	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.799	143	46043	9.101	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.334	165	78150	7.874	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	51293	3.949	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	251055	9.392	ng/u1	-0.01
49) Acenaphthylene-d8	14.269	160	276545	9.277	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.845	143	19682m	5.167	ng/u1	0.02
60) Fluorene-d10	15.581	176	207208	8.967	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	12889	3.043	ng/u1	0.00
73) Anthracene-d10	17.469	188	313822	9.549	ng/u1	0.00
81) Pyrene-d10	19.727	212	353347	11.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	299550	9.834	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.298	152	52900	1.584	ng/u1	96
72) Phenanthrene	17.410	178	74356	1.974	ng/u1	97
74) Anthracene	17.504	178	284454	7.455	ng/u1	98
80) Fluoranthene	19.398	202	786282	21.319	ng/u1	99
82) Pyrene	19.757	202	694906	17.784	ng/u1	98
85) Benzo(a)anthracene	21.498	228	282446	7.256	ng/u1	97
87) Chrysene	21.551	228	357006m	9.699	ng/u1	
90) Benzo(b)fluoranthene	23.274	252	473792	12.729	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	125508m	3.327	ng/u1	
93) Benzo(a)pyrene	23.957	252	171088	4.896	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	157851	3.790	ng/u1	95
95) Dibenzo(a,h)anthracene	26.809	278	39133m	1.126	ng/u1	
96) Benzo(g,h,i)perylene	27.645	276	163785	4.881	ng/u1	97

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

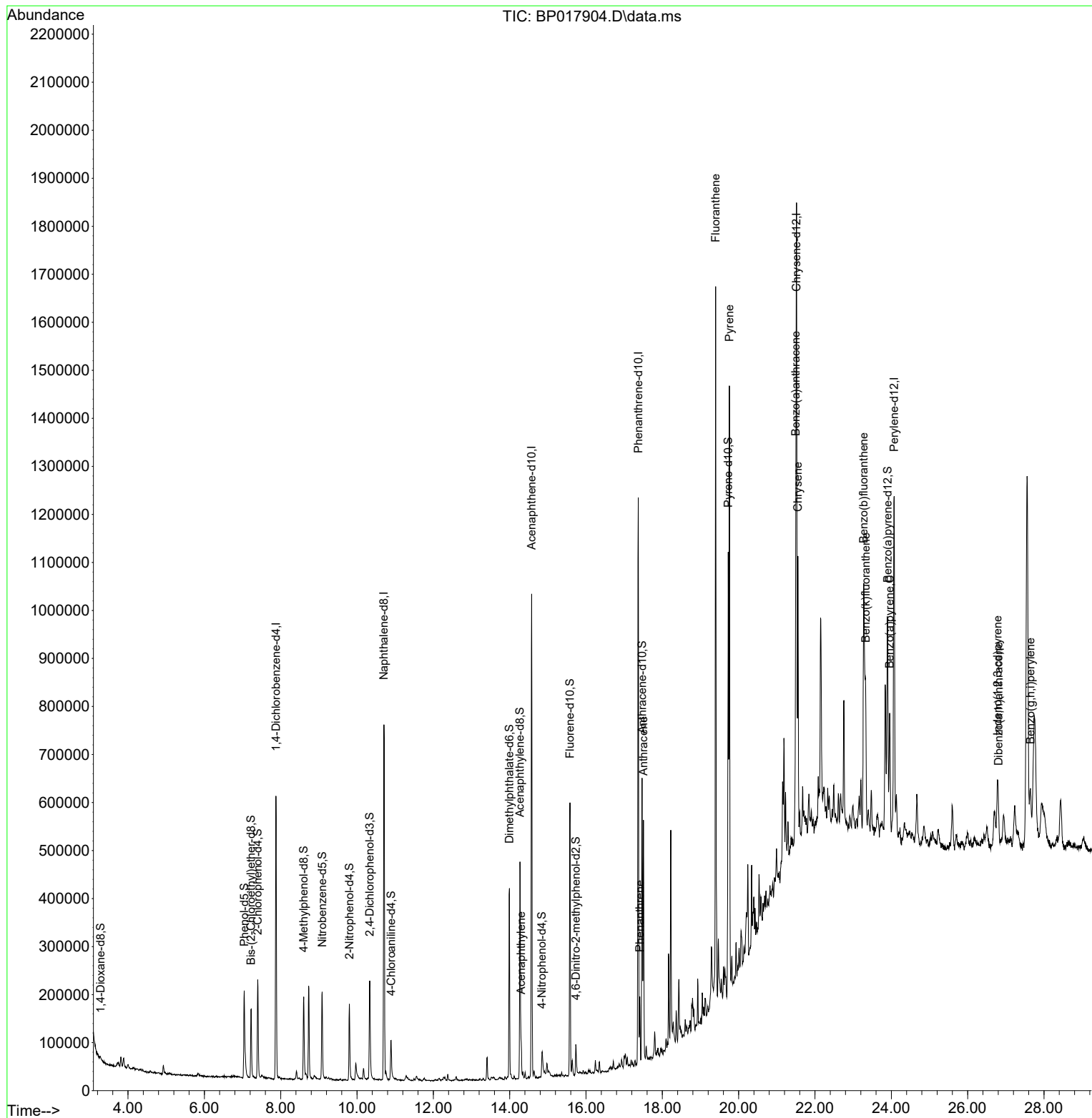
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017904.D
 Acq On : 03 Nov 2023 01:40
 Operator : MA/JU
 Sample : 05060-12
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

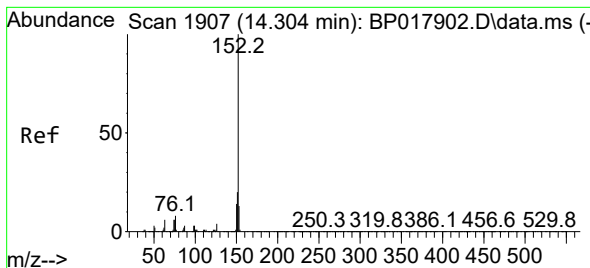
Instrument :
 BNA_P
 ClientSampleId :
 DCKH0

Quant Time: Nov 03 02:35:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
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#50

Acenaphthylene

Concen: 1.584 ng/ul

RT: 14.298 min Scan# 1906

Delta R.T. -0.012 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

Instrument :

BNA_P

ClientSampleId :

DCKH0

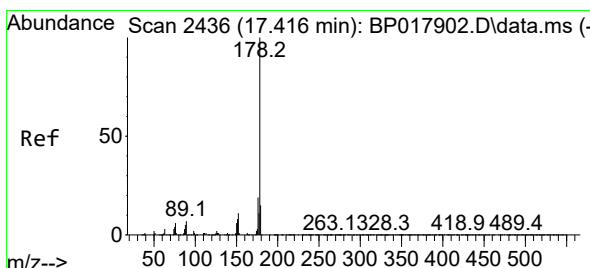
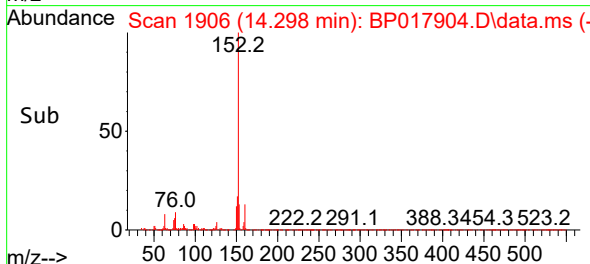
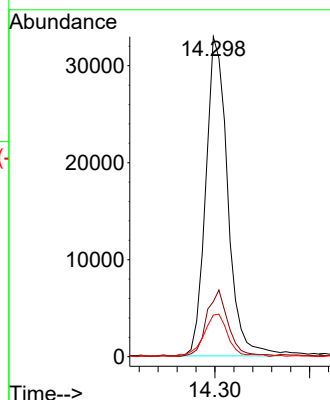
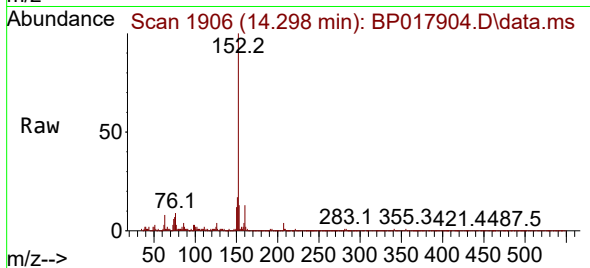
Tgt Ion:	152	Resp:	52900
Ion Ratio	Lower	Upper	
152	100		
151	17.2	15.9	23.9
153	13.0	10.8	16.2

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#72

Phenanthrene

Concen: 1.974 ng/ul

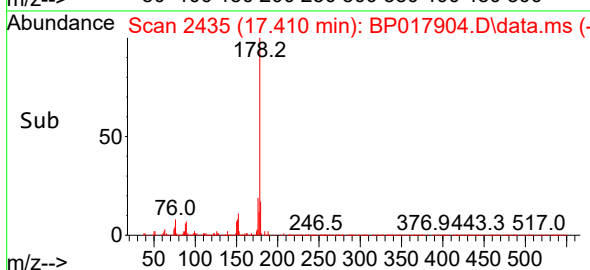
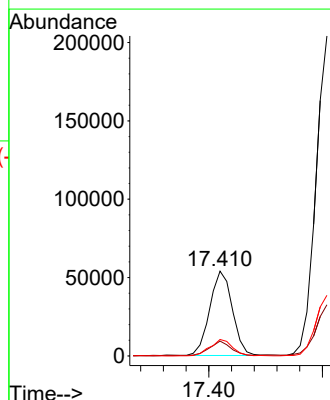
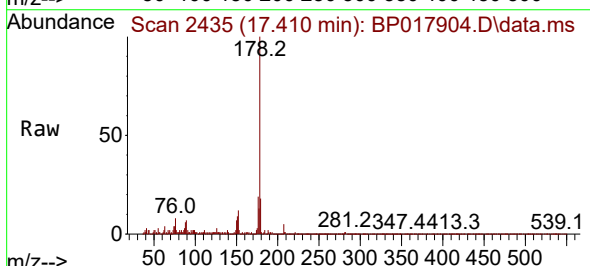
RT: 17.410 min Scan# 2435

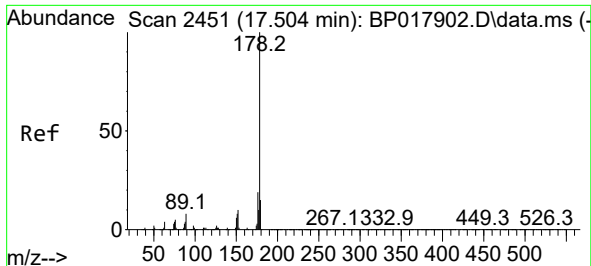
Delta R.T. -0.012 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

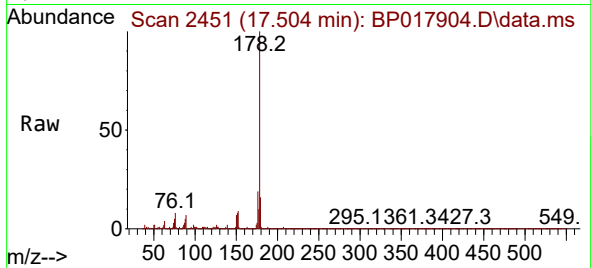
Tgt Ion:	178	Resp:	74356
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.2	18.2
176	19.4	15.3	22.9





#74
 Anthracene
 Concen: 7.455 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP017904.D
 Acq: 03 Nov 2023 01:40

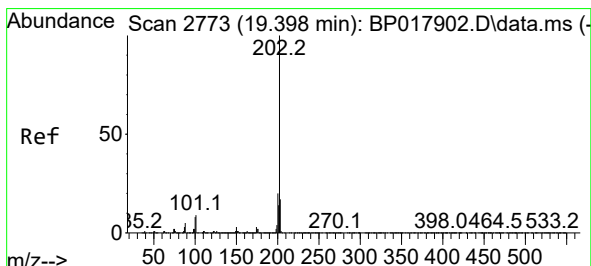
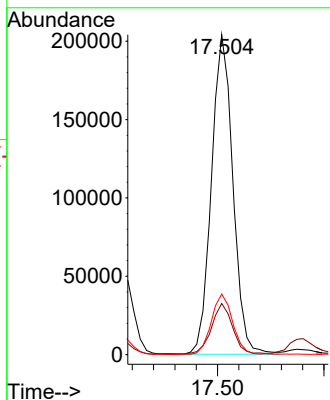
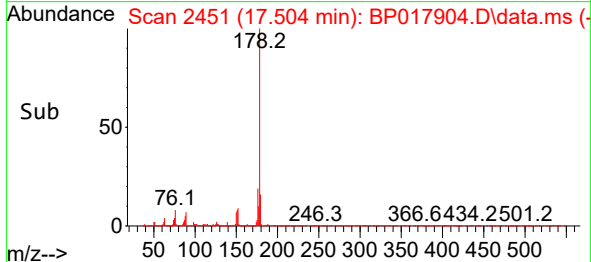
Instrument :
 BNA_P
 ClientSampleId :
 DCKH0



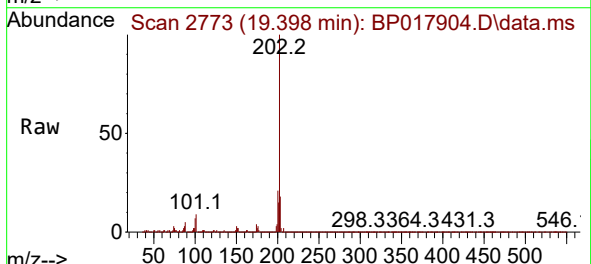
Tgt Ion:178 Resp: 284454
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.0 18.0
 176 19.0 14.8 22.2

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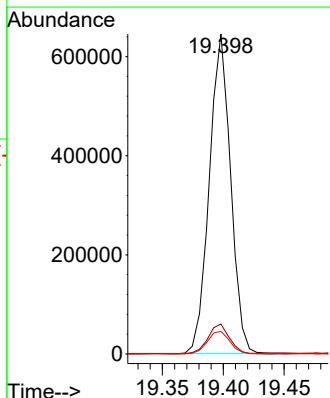
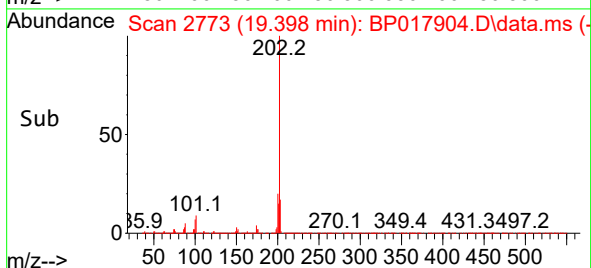
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

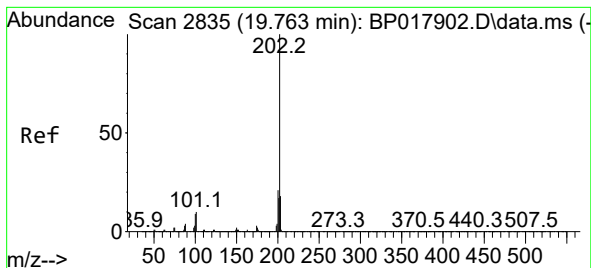


#80
 Fluoranthene
 Concen: 21.319 ng/ul
 RT: 19.398 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP017904.D
 Acq: 03 Nov 2023 01:40



Tgt Ion:202 Resp: 786282
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.1 10.7
 100 7.1 5.7 8.5





#82

Pyrene

Concen: 17.784 ng/ul

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

Instrument :

BNA_P

ClientSampleId :

DCKH0

Tgt Ion:202 Resp: 694900

Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

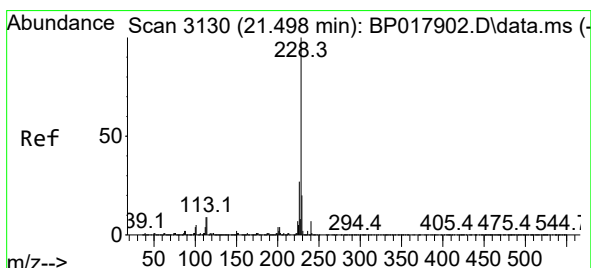
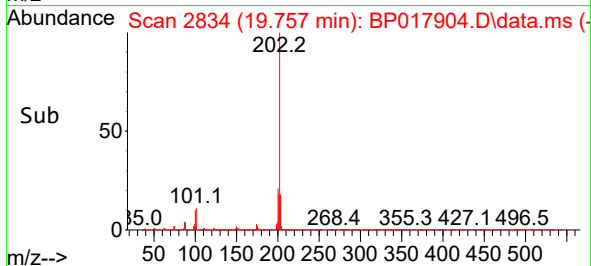
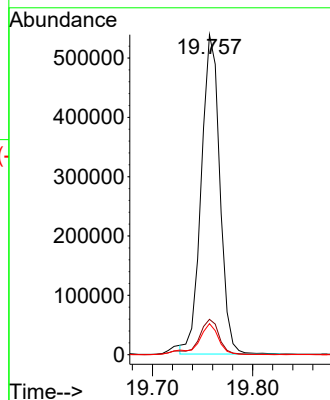
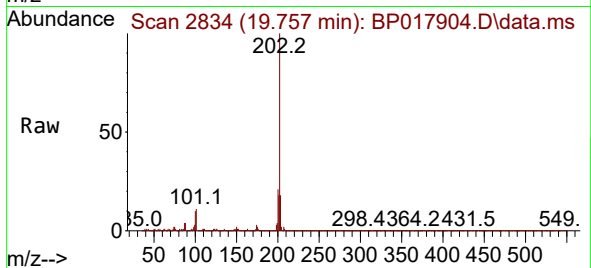
100 9.7 7.4 11.0

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#85

Benzo(a)anthracene

Concen: 7.256 ng/ul

RT: 21.498 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

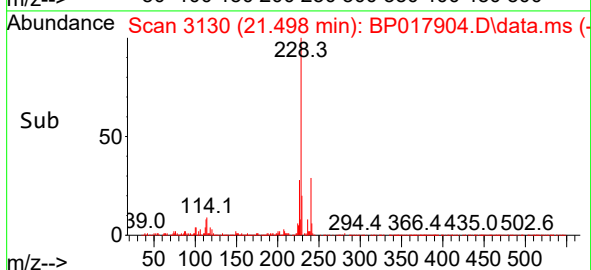
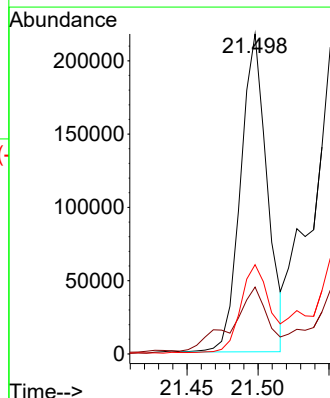
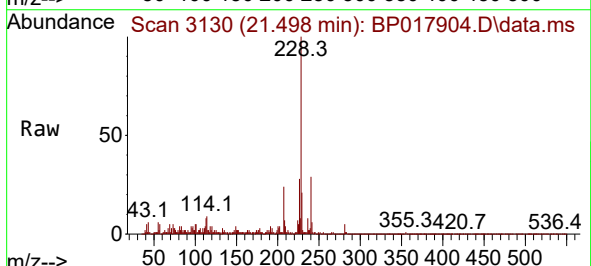
Tgt Ion:228 Resp: 282446

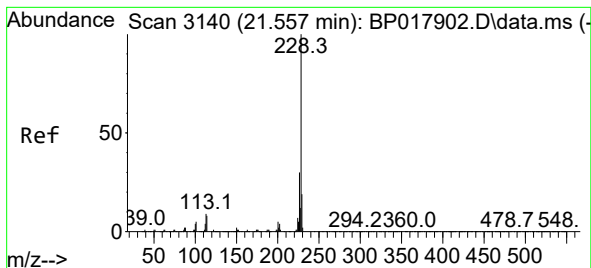
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 27.9 21.1 31.7





#87

Chrysene

Concen: 9.699 ng/ul m

RT: 21.551 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

Instrument :

BNA_P

ClientSampleId :

DCKH0

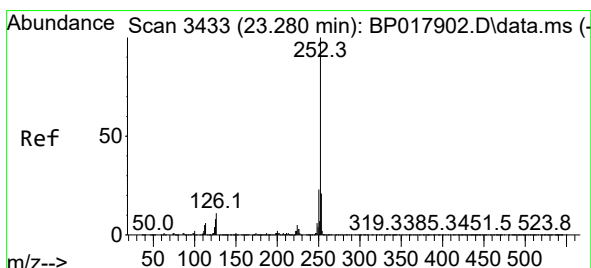
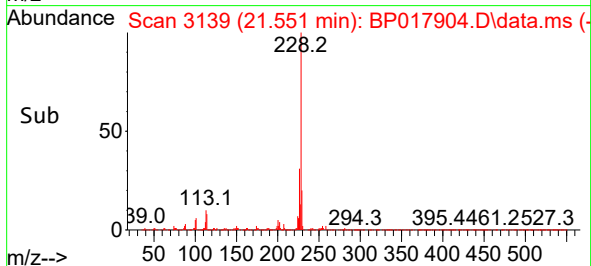
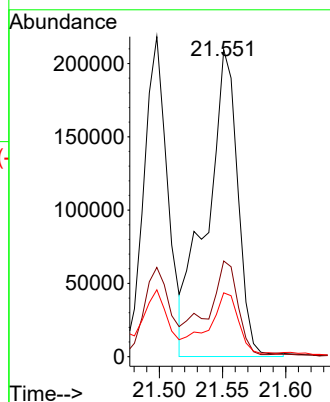
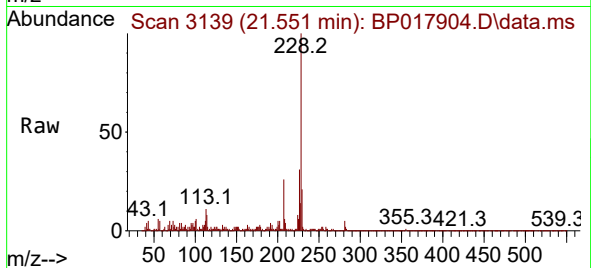
Tgt Ion:228 Resp: 357000
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.0 36.0
 229 20.8 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 12.729 ng/ul

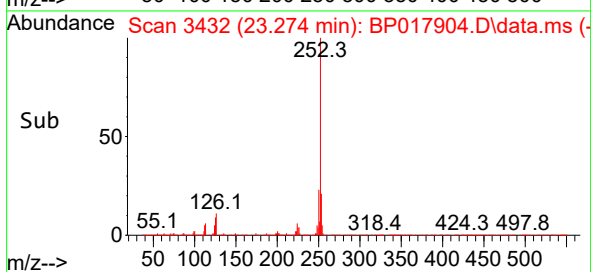
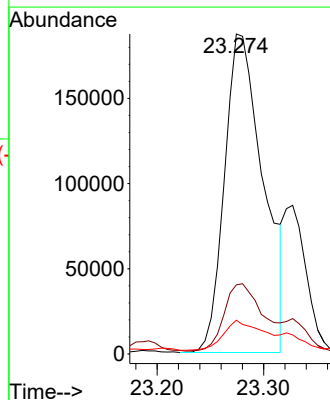
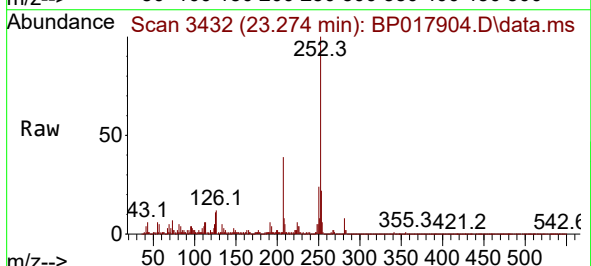
RT: 23.274 min Scan# 3432

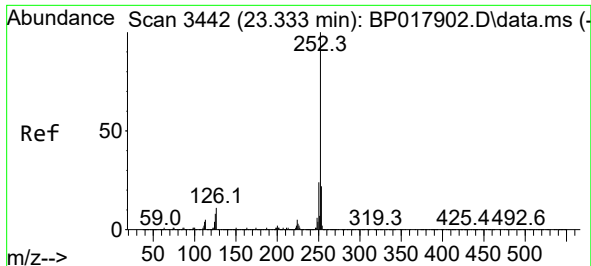
Delta R.T. -0.000 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

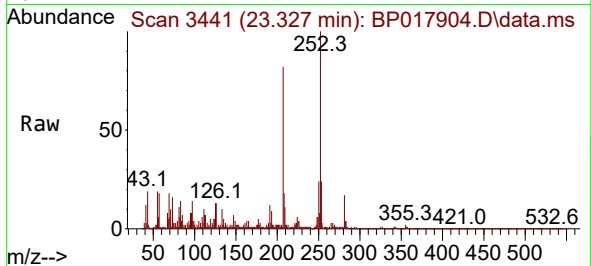
Tgt Ion:252 Resp: 473792
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 10.5 7.1 10.7





#91
Benzo(k)fluoranthene
Concen: 3.327 ng/ul m
RT: 23.327 min Scan# 3442
Delta R.T. -0.000 min
Lab File: BP017904.D
Acq: 03 Nov 2023 01:40

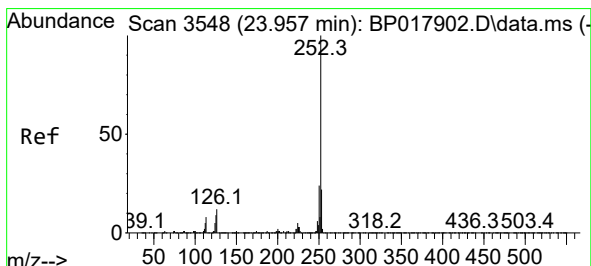
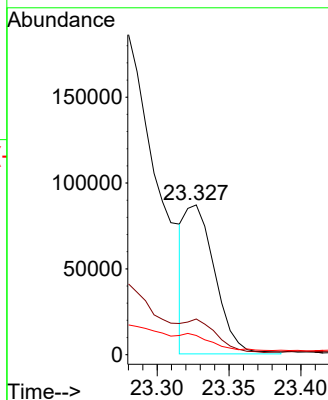
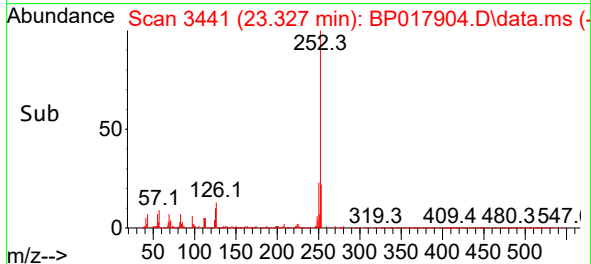
Instrument :
BNA_P
ClientSampleId :
DCKH0



Tgt Ion:252 Resp: 125500
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.8 7.0 10.6

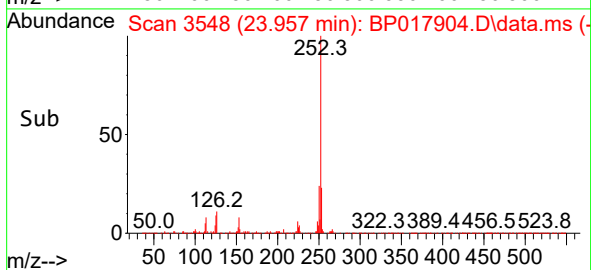
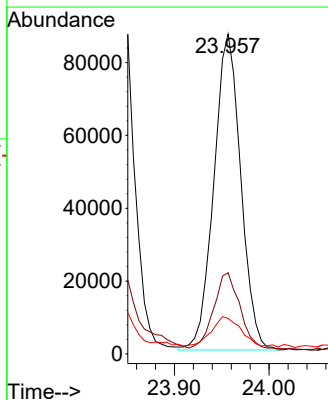
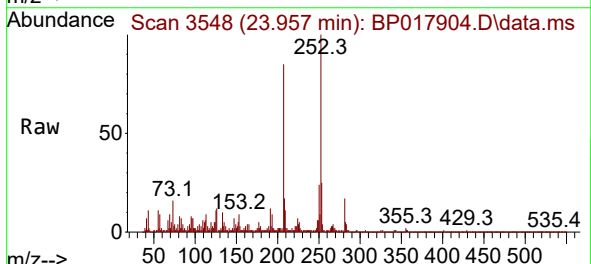
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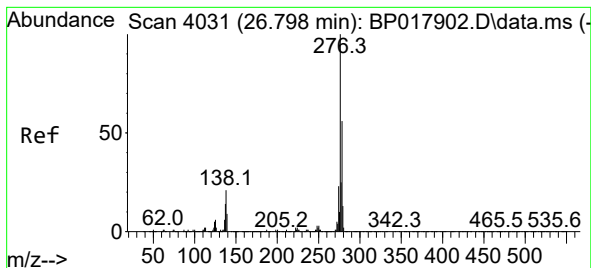
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



#93
Benzo(a)pyrene
Concen: 4.896 ng/ul
RT: 23.957 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP017904.D
Acq: 03 Nov 2023 01:40

Tgt Ion:252 Resp: 171088
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 11.1 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.790 ng/ul

RT: 26.786 min Scan# 4031

Delta R.T. 0.006 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

Instrument :

BNA_P

ClientSampleId :

DCKH0

Tgt Ion:276 Resp: 15785

Ion Ratio Lower Upper

276 100

138 17.5 15.6 23.4

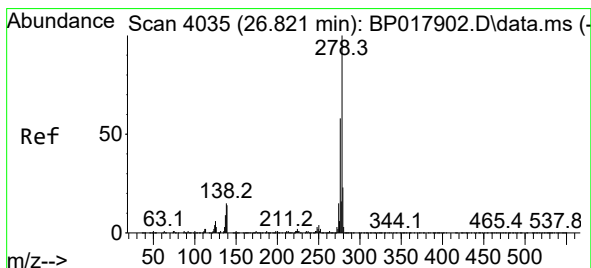
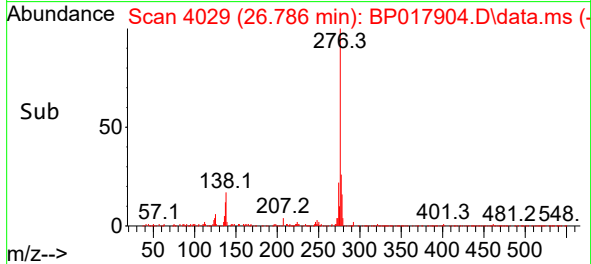
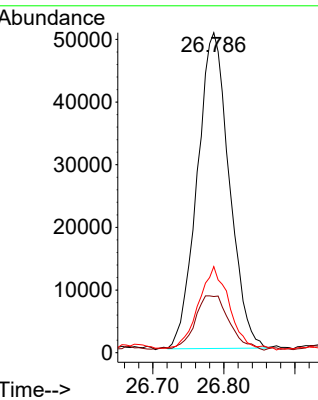
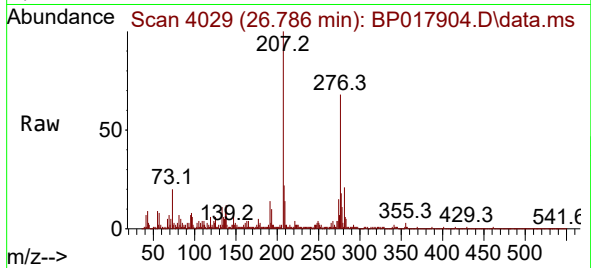
277 26.9 19.4 29.2

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.126 ng/ul m

RT: 26.809 min Scan# 4033

Delta R.T. -0.000 min

Lab File: BP017904.D

Acq: 03 Nov 2023 01:40

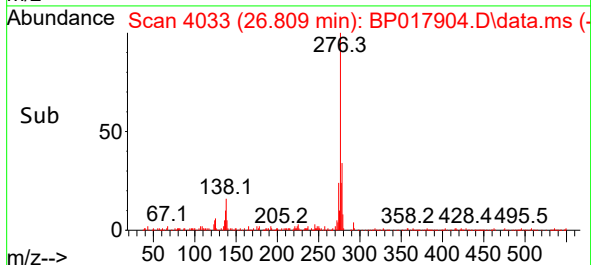
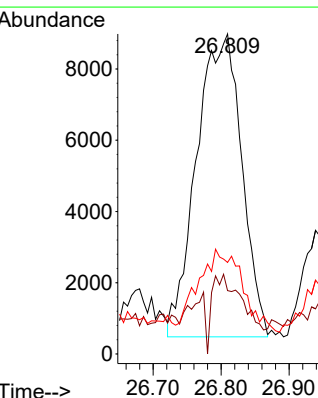
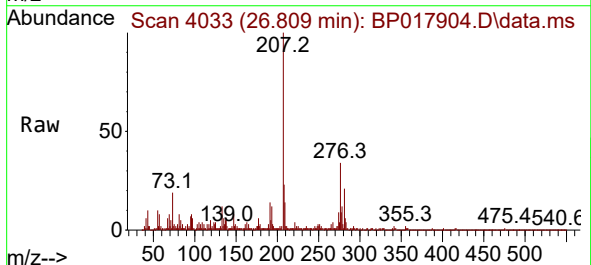
Tgt Ion:278 Resp: 39133

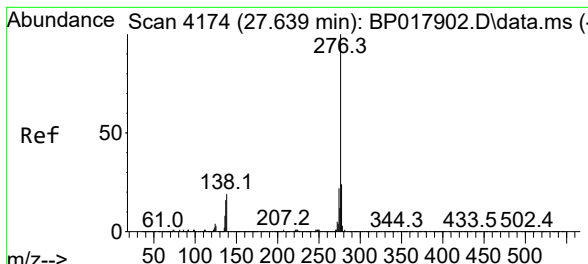
Ion Ratio Lower Upper

278 100

139 19.8 11.4 17.2#

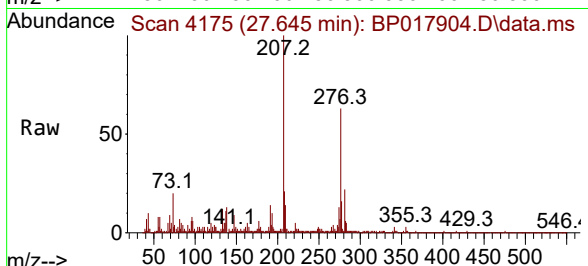
279 28.6 18.8 28.2#





#96
 Benzo(g,h,i)perylene
 Concen: 4.881 ng/ul
 RT: 27.645 min Scan# 4175
 Delta R.T. 0.018 min
 Lab File: BP017904.D
 Acq: 03 Nov 2023 01:40

Instrument :
 BNA_P
 ClientSampleId :
 DCKH0



Tgt Ion: 276 Resp: 16378

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.0	22.6
277	24.5	18.5	27.7

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