

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012157.D
 Acq On : 15 Oct 2022 02:43
 Operator : CG/JU
 Sample : N4984-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNB8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 03:57:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	203449	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.646	136	848203	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.492	164	494315	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1067637	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	1085071	20.000	ng/u1	0.00
88) Perylene-d12	23.757	264	1159976	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	8586m	1.664	ng/uL	0.00
4) Pyridine-d5	3.711	84	13617	0.992	ng/u1	0.01
7) Phenol-d5	7.011	99	470739	28.769	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	276596	29.781	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.369	132	376820	29.012	ng/u1	-0.01
15) 4-Methylphenol-d8	8.552	113	365812	29.107	ng/u1	-0.01
21) Nitrobenzene-d5	9.010	128	177193	29.579	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	182141	29.986	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	329769	28.013	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.793	131	380402	21.928	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	990106	31.627	ng/u1	-0.01
49) Acenaphthylene-d8	14.181	160	1199815	30.993	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.704	143	117183	19.067	ng/u1	0.00
60) Fluorene-d10	15.487	176	930637	32.857	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	56066	9.945	ng/u1	0.00
73) Anthracene-d10	17.351	188	1502776	32.415	ng/u1	0.00
81) Pyrene-d10	19.586	212	1864023	33.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.598	264	1897081	33.643	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.034	94	26111	1.520	ng/u1#	81
47) Dimethylphthalate	13.951	163	40638	1.232	ng/u1	100
72) Phenanthrene	17.292	178	166338	2.865	ng/u1	99
74) Anthracene	17.381	178	104882	1.825	ng/u1	98
80) Fluoranthene	19.263	202	740443	10.870	ng/u1	96
82) Pyrene	19.616	202	644560	8.942	ng/u1	95
85) Benzo(a)anthracene	21.327	228	447757	6.556	ng/u1	95
87) Chrysene	21.374	228	383506	5.833	ng/u1	97
90) Benzo(b)fluoranthene	23.016	252	475168	6.471	ng/u1#	95
91) Benzo(k)fluoranthene	23.057	252	163083m	2.258	ng/u1	
93) Benzo(a)pyrene	23.645	252	371063	5.664	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.257	276	213631	2.579	ng/u1	97
96) Benzo(g,h,i)perylene	27.033	276	148348	1.986	ng/u1#	93

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

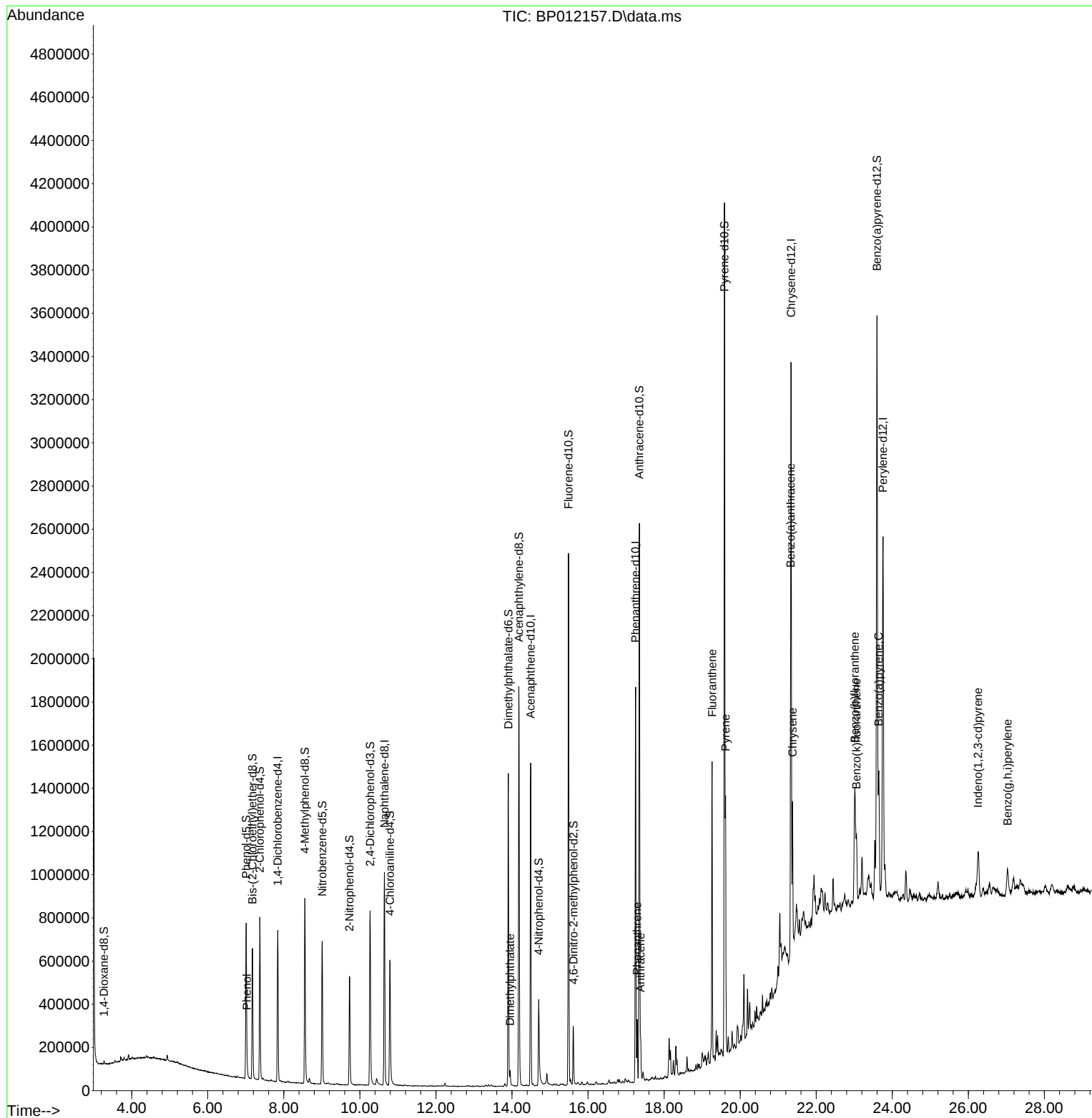
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
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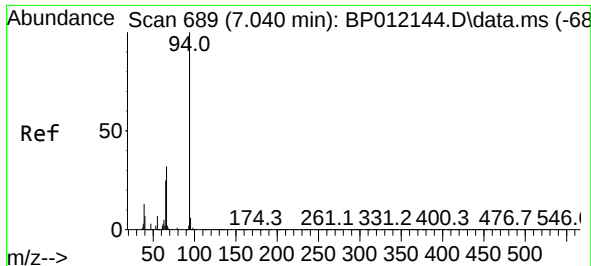
Instrument :
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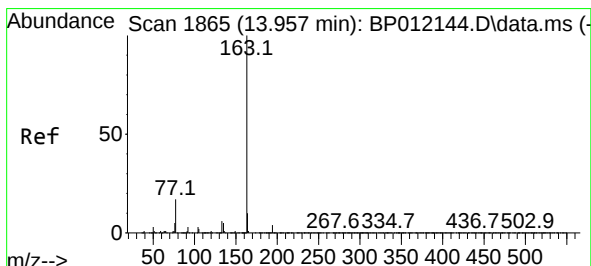
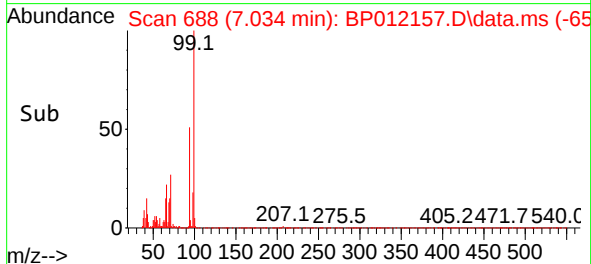
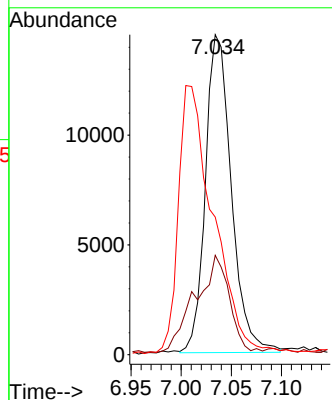
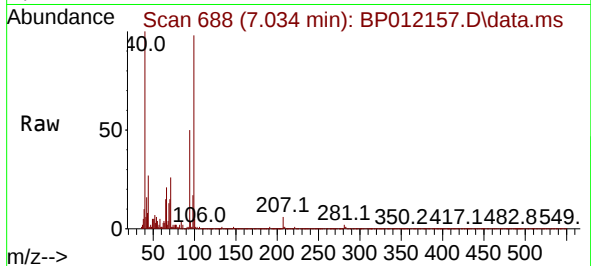
#8
Phenol
Concen: 1.520 ng/ul
RT: 7.034 min Scan# 689
Delta R.T. -0.012 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

Instrument :
BNA_P
ClientSampleId :
BGNB8

Tgt Ion: 94 Resp: 2611
Ion Ratio Lower Upper
94 100
65 31.1 19.4 29.0
66 43.0 24.6 37.0

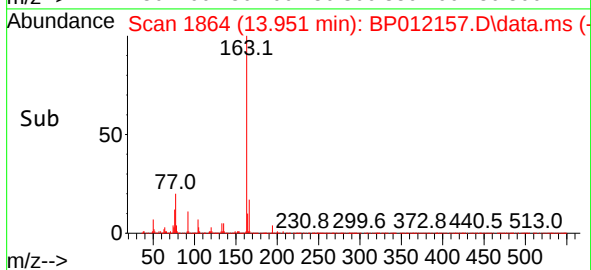
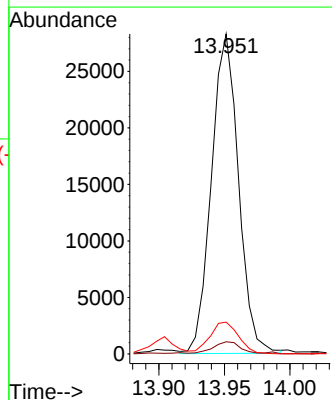
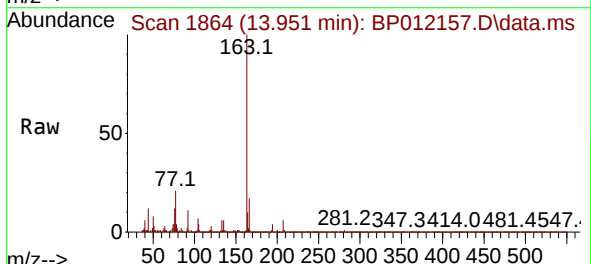
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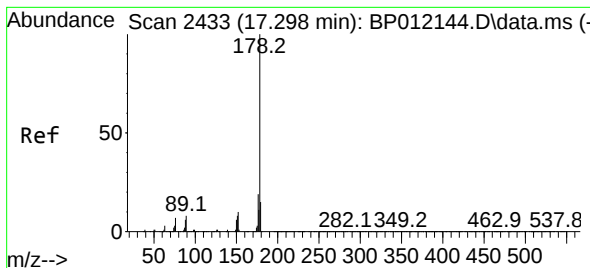
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#47
Dimethylphthalate
Concen: 1.232 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

Tgt Ion:163 Resp: 40638
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.9 11.9





#72

Phenanthrene

Concen: 2.865 ng/u1

RT: 17.292 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

Instrument :

BNA_P

ClientSampleId :

BGNB8

Tgt Ion:178 Resp: 166338

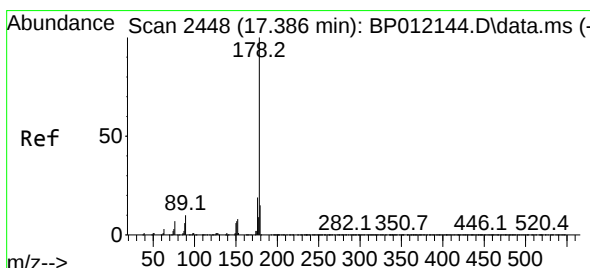
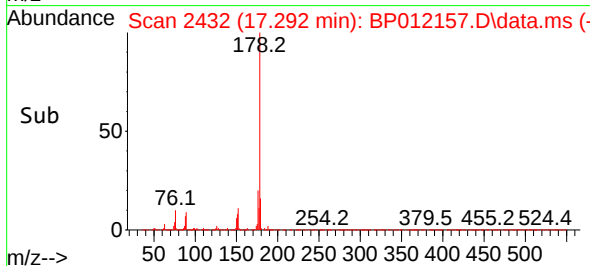
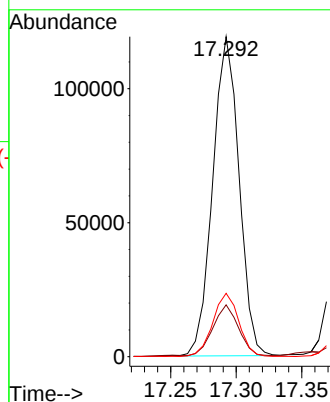
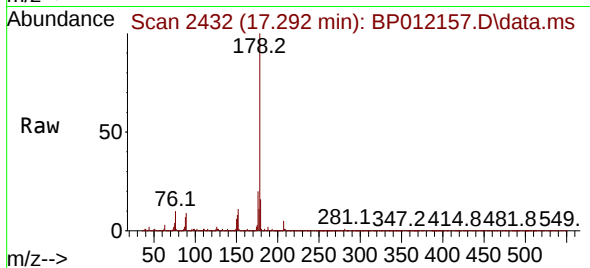
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	19.8	15.8	23.6

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#74

Anthracene

Concen: 1.825 ng/u1

RT: 17.381 min Scan# 2447

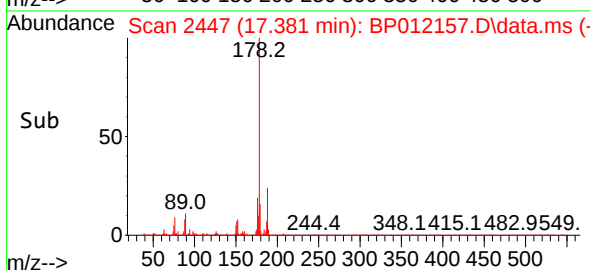
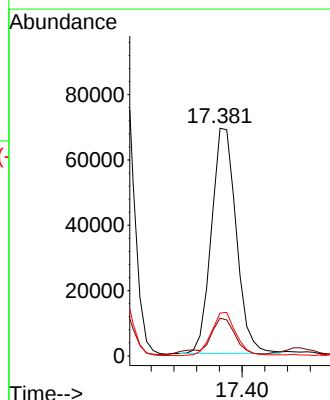
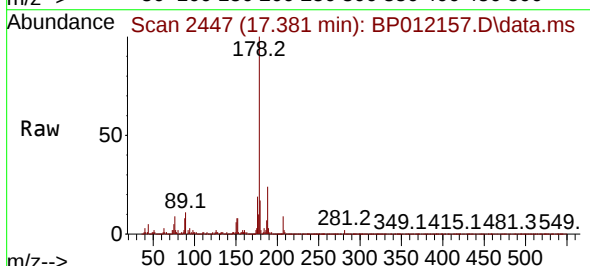
Delta R.T. -0.012 min

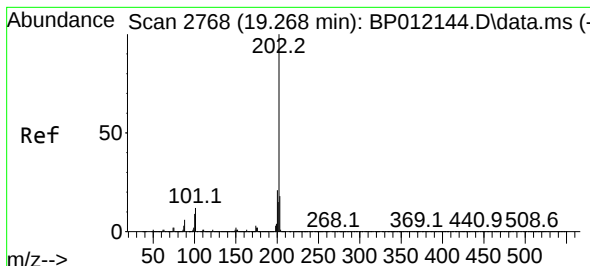
Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

Tgt Ion:178 Resp: 104882

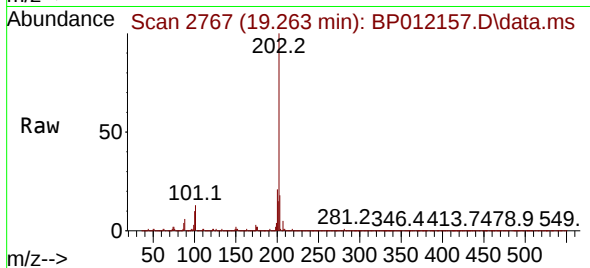
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	18.9	14.8	22.2





#80
Fluoranthene
Concen: 10.870 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

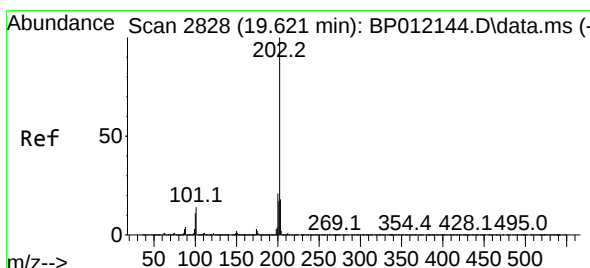
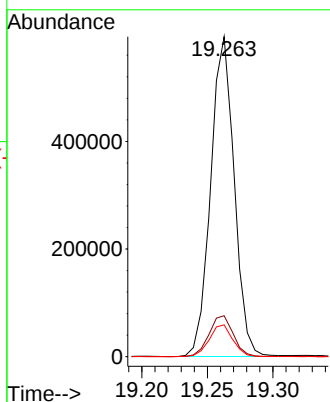
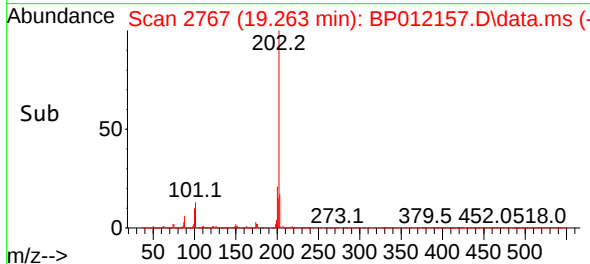
Instrument :
BNA_P
ClientSampleId :
BGNB8



Tgt Ion:202 Resp: 74044
Ion Ratio Lower Upper
202 100
101 12.8 9.0 13.6
100 10.0 7.0 10.6

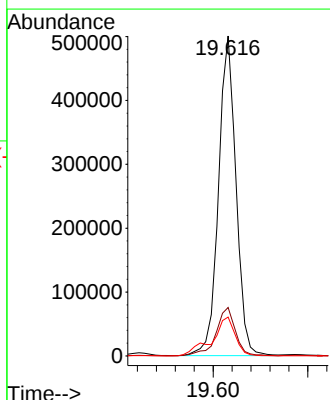
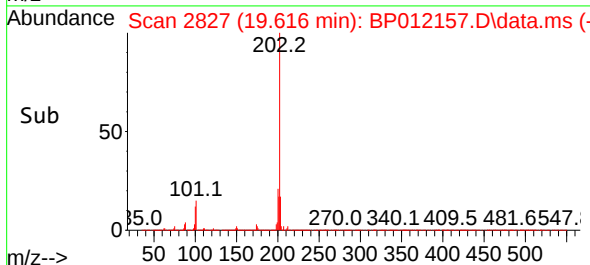
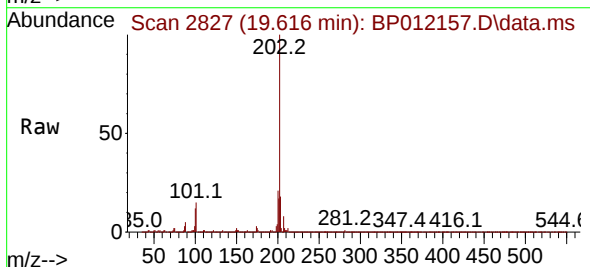
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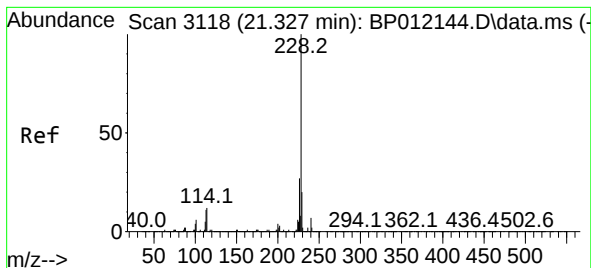
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 8.942 ng/ul
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

Tgt Ion:202 Resp: 644560
Ion Ratio Lower Upper
202 100
101 15.1 10.4 15.6
100 12.2 8.5 12.7





#85

Benzo(a)anthracene

Concen: 6.556 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

Instrument :

BNA_P

ClientSampleId :

BGNB8

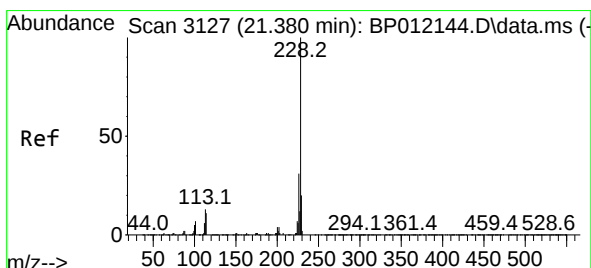
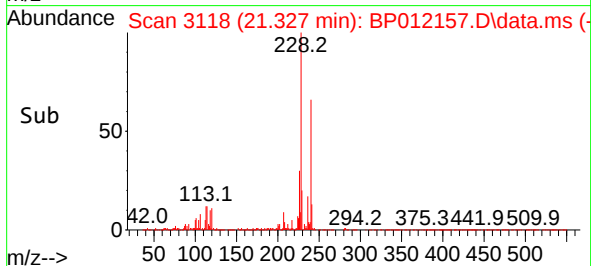
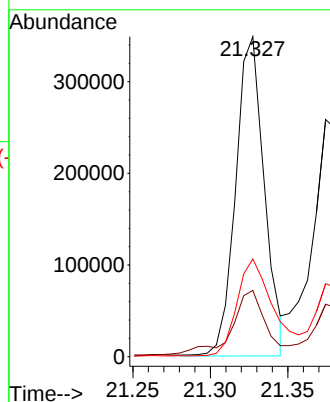
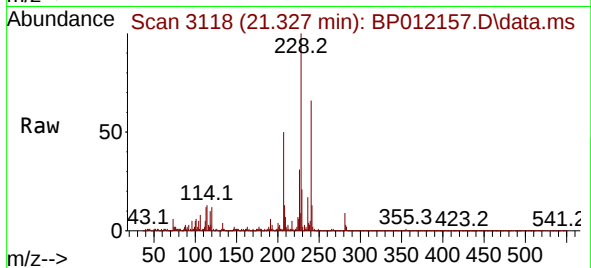
Tgt Ion:228 Resp: 44775
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.7 23.5
 226 30.6 21.9 32.9

Manual Integrations

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Supervised By :mohammad ahmed 10/16/2022



#87

Chrysene

Concen: 5.833 ng/ul

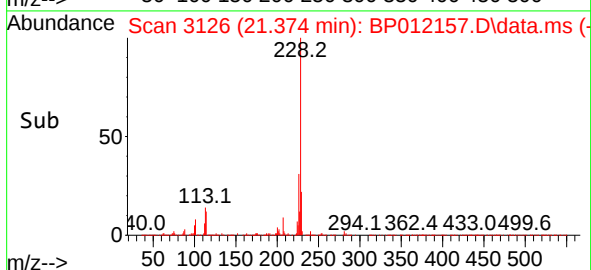
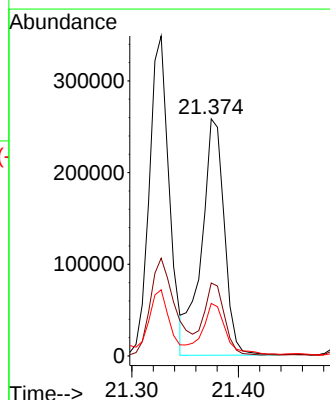
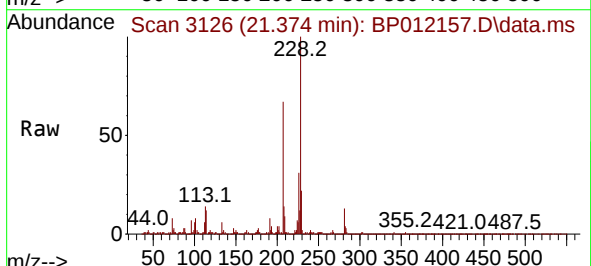
RT: 21.374 min Scan# 3126

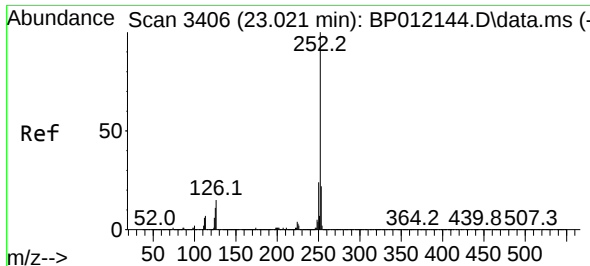
Delta R.T. -0.012 min

Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

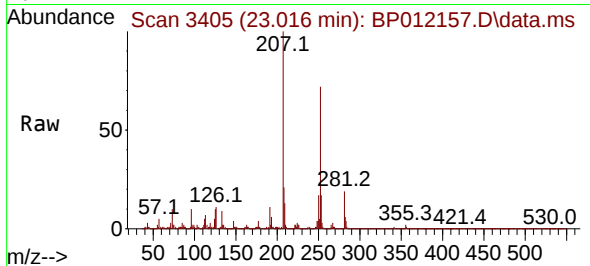
Tgt Ion:228 Resp: 383506
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.0 36.0
 229 22.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.471 ng/ul
RT: 23.016 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

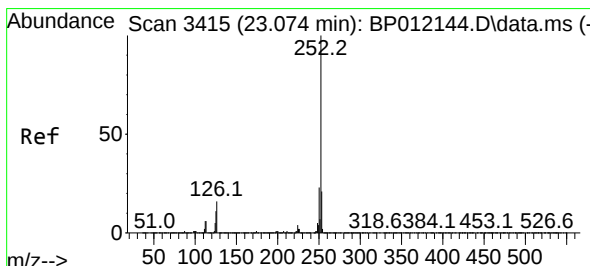
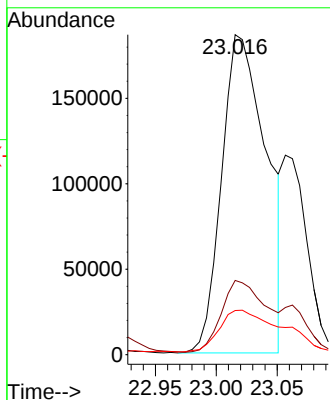
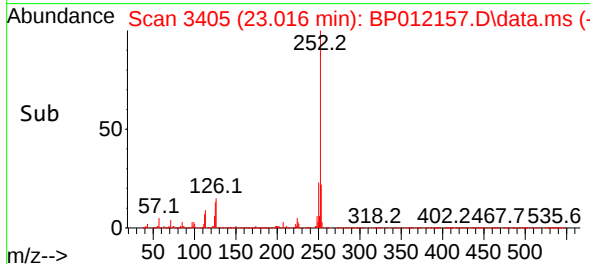
Instrument :
BNA_P
ClientSampleId :
BGNB8



Tgt Ion:252 Resp: 475168
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 13.8 7.8 11.8

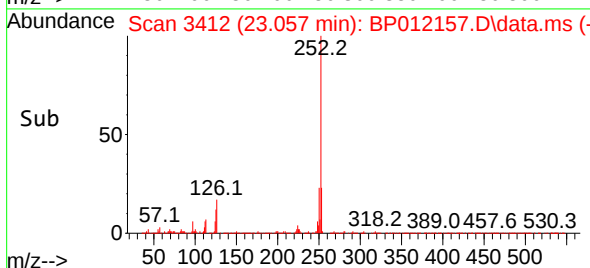
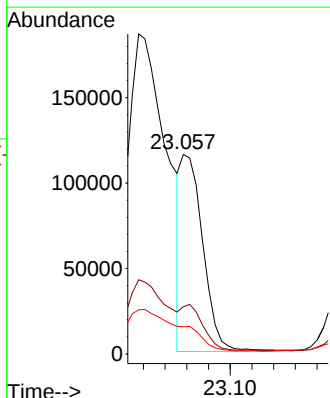
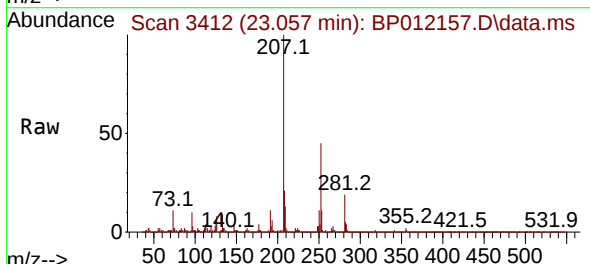
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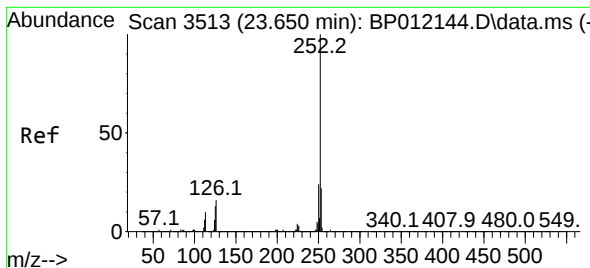
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#91
Benzo(k)fluoranthene
Concen: 2.258 ng/ul m
RT: 23.057 min Scan# 3412
Delta R.T. -0.018 min
Lab File: BP012157.D
Acq: 15 Oct 2022 02:43

Tgt Ion:252 Resp: 163083
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 13.6 8.2 12.2





#93

Benzo(a)pyrene

Concen: 5.664 ng/ul

RT: 23.645 min Scan# 3513

Delta R.T. -0.012 min

Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

Instrument :

BNA_P

ClientSampleId :

BGNB8

Tgt Ion:252 Resp: 37106

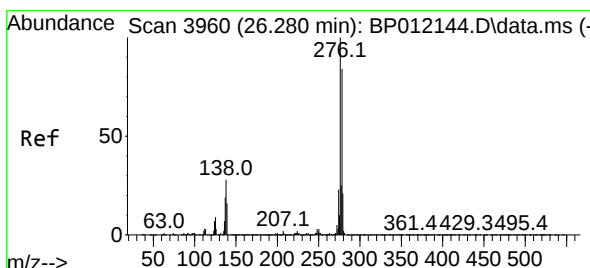
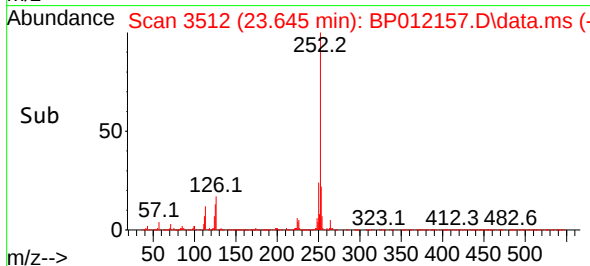
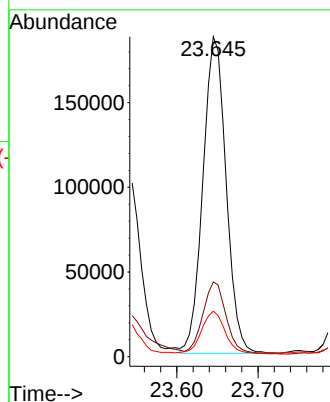
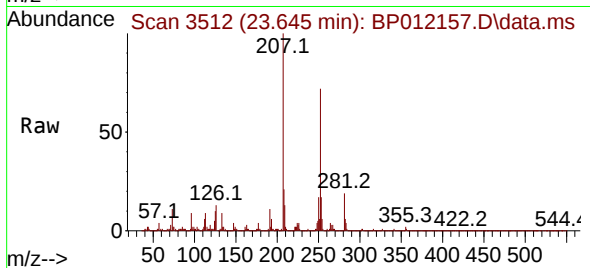
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	14.2	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 10/16/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.579 ng/ul

RT: 26.257 min Scan# 3956

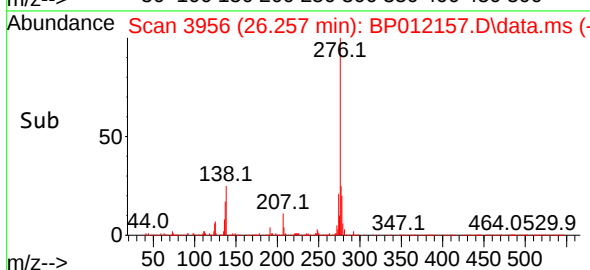
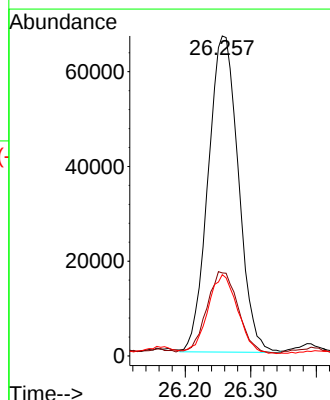
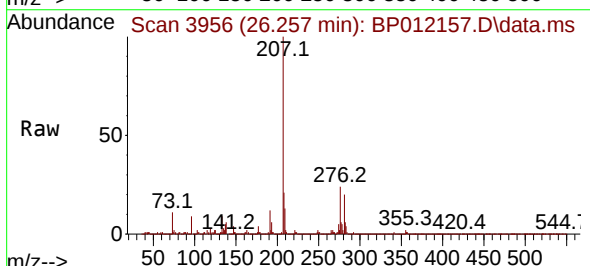
Delta R.T. -0.024 min

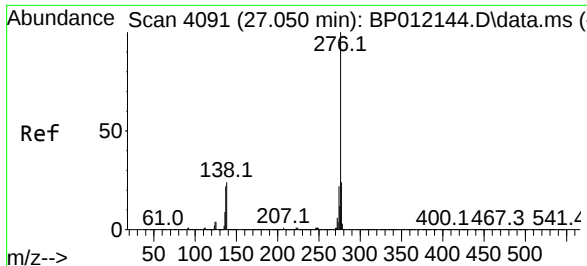
Lab File: BP012157.D

Acq: 15 Oct 2022 02:43

Tgt Ion:276 Resp: 213631

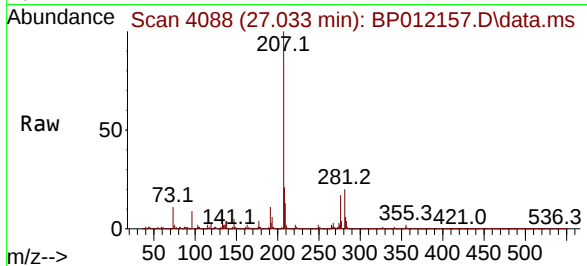
Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.1	28.7
277	25.4	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.986 ng/ul
 RT: 27.033 min Scan# 4088
 Delta R.T. -0.024 min
 Lab File: BP012157.D
 Acq: 15 Oct 2022 02:43

Instrument :
 BNA_P
 ClientSampleId :
 BGNB8



Tgt Ion: 276 Resp: 148348
 Ion Ratio Lower Upper
 276 100
 138 26.8 16.5 24.7
 277 24.1 19.0 28.4

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 Supervised By :mohammad ahmed 10/16/2022

