

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015975.D
 Acq On : 04 Jul 2023 14:34
 Operator : MA/JU
 Sample : 03244-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 22:53:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	383324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1671020	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	1006260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2014791	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1331766	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	1501705	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	43819	4.113	ng/uL	0.00
4) Pyridine-d5	3.816	84	458129	17.058	ng/ul	0.00
7) Phenol-d5	7.228	99	937034	28.570	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	616188	30.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	744072	30.054	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	721479	27.846	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	374368	29.315	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	427807	28.703	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	759532	28.596	ng/ul	0.01
31) 4-Chloroaniline-d4	11.040	131	614281	18.004	ng/ul	0.01
46) Dimethylphthalate-d6	14.104	166	2503280	32.186	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	2804558	32.077	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	258920	25.227	ng/ul	0.03
60) Fluorene-d10	15.692	176	2075762	32.413	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	251627	20.308	ng/ul	0.00
73) Anthracene-d10	17.557	188	2823782	30.683	ng/ul	0.00
81) Pyrene-d10	19.780	212	2897626	33.321	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2516465	33.219	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.416	152	121048	1.257	ng/ul	97
72) Phenanthrene	17.498	178	510891	4.668	ng/ul	99
74) Anthracene	17.592	178	124848m	1.135	ng/ul	
80) Fluoranthene	19.457	202	1095777	10.139	ng/ul#	94
82) Pyrene	19.810	202	904092	8.201	ng/ul#	89
85) Benzo(a)anthracene	21.527	228	506705	5.409	ng/ul	97
87) Chrysene	21.580	228	649048	7.302	ng/ul	95
90) Benzo(b)fluoranthene	23.304	252	1018145	10.552	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	301220m	3.090	ng/ul	
93) Benzo(a)pyrene	23.974	252	606973	7.199	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.786	276	504855	4.411	ng/ul	96
95) Dibenzo(a,h)anthracene	26.780	278	140888	1.499	ng/ul#	80
96) Benzo(g,h,i)perylene	27.621	276	519092	5.513	ng/ul#	94

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

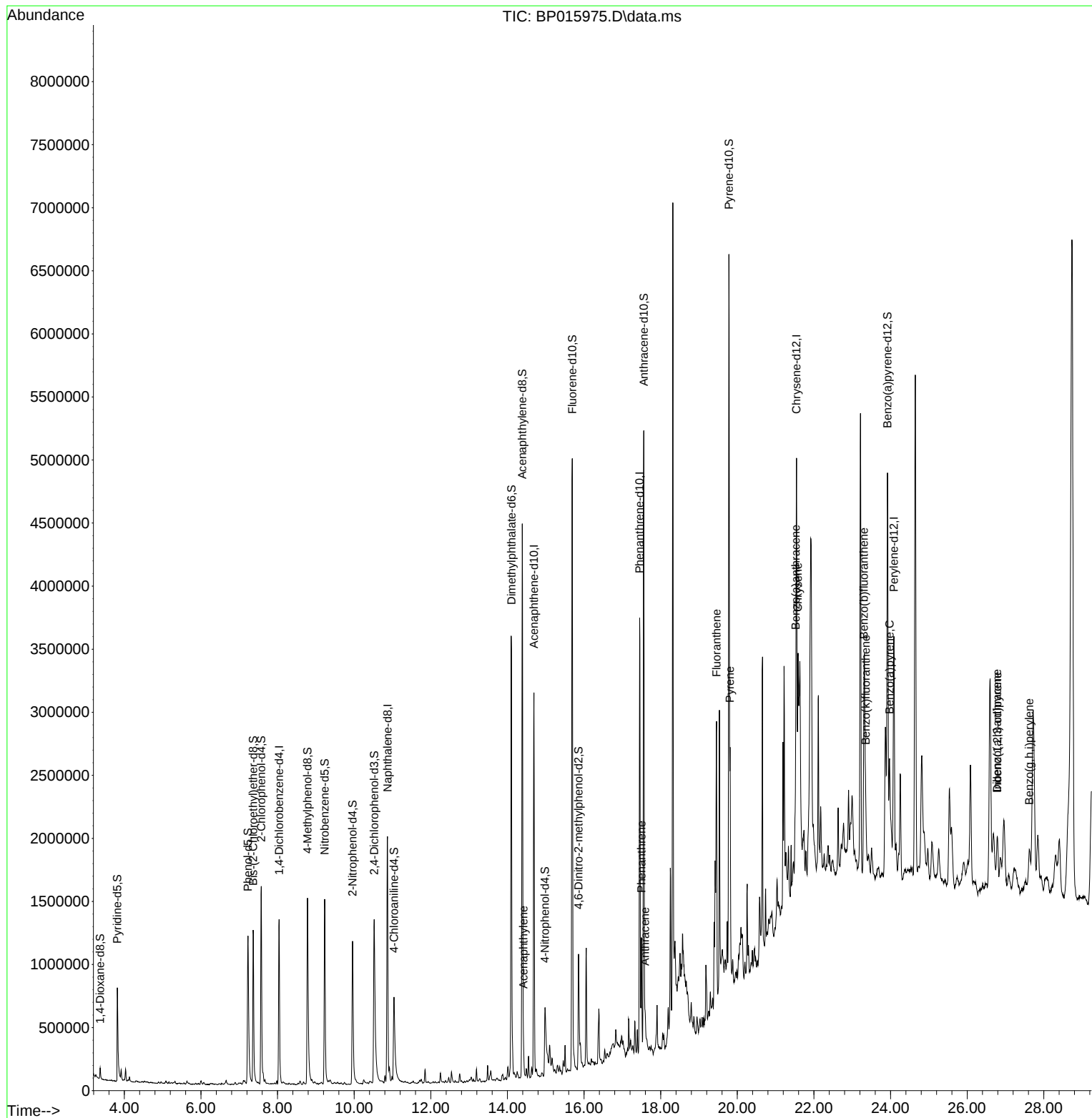
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015975.D
Acq On : 04 Jul 2023 14:34
Operator : MA/JU
Sample : 03244-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

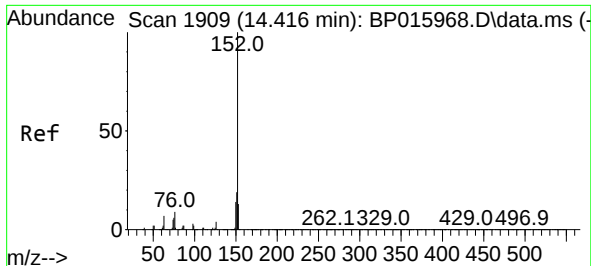
Instrument :
BNA_P
ClientSampleId :
DCGF0

Quant Time: Jul 04 22:53:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

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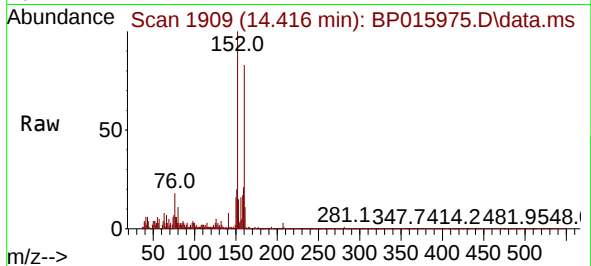
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#50
Acenaphthylene
Concen: 1.257 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP015975.D
Acq: 04 Jul 2023 14:34

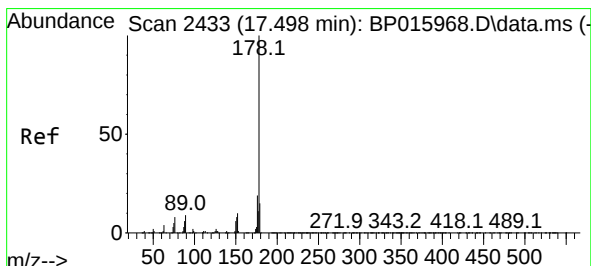
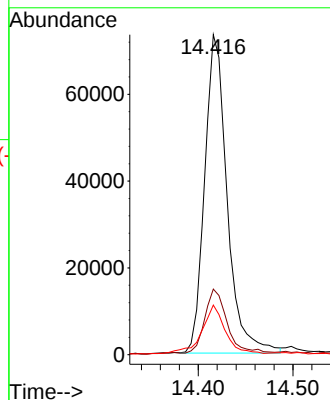
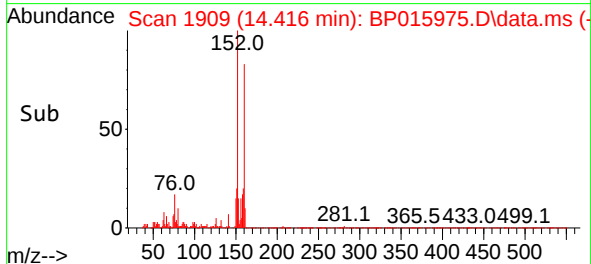
Instrument :
BNA_P
ClientSampleId :
DCGF0



Tgt Ion:152 Resp: 121048
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 15.5 10.5 15.7

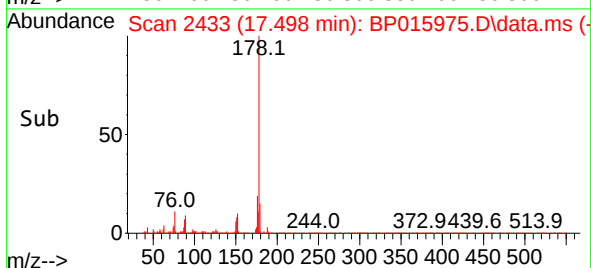
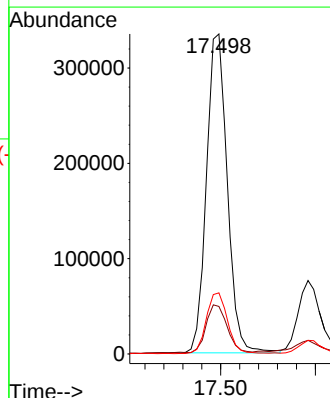
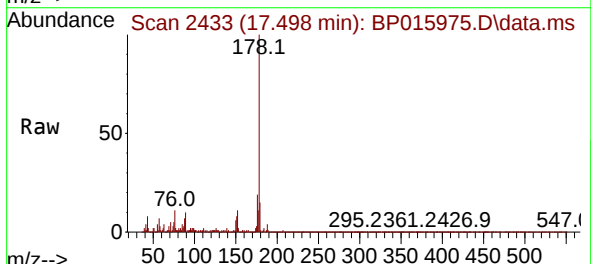
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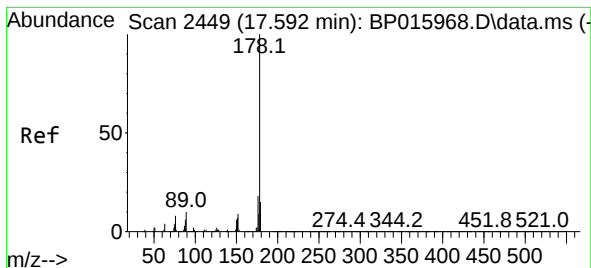
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#72
Phenanthrene
Concen: 4.668 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015975.D
Acq: 04 Jul 2023 14:34

Tgt Ion:178 Resp: 510891
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 19.1 15.6 23.4





#74

Anthracene

Concen: 1.135 ng/ul m

RT: 17.592 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

Instrument :

BNA_P

ClientSampleId :

DCGF0

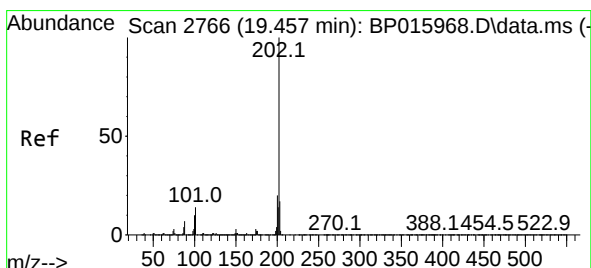
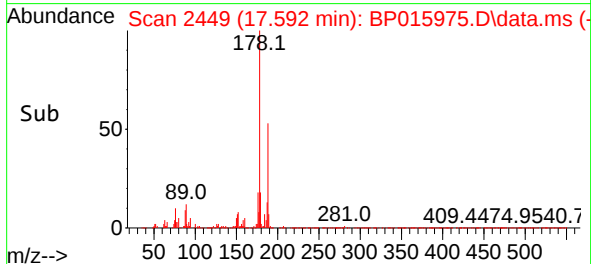
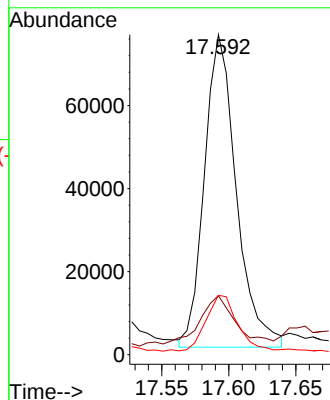
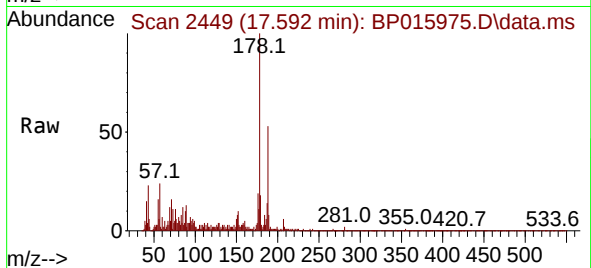
Tgt Ion:178	Resp: 12484
Ion Ratio	Lower Upper
178 100	
179 18.5	12.1 18.1
176 18.5	14.6 22.0

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#80

Fluoranthene

Concen: 10.139 ng/ul

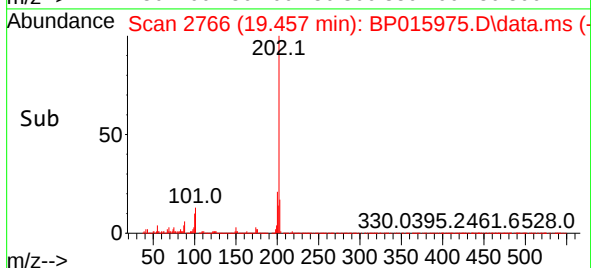
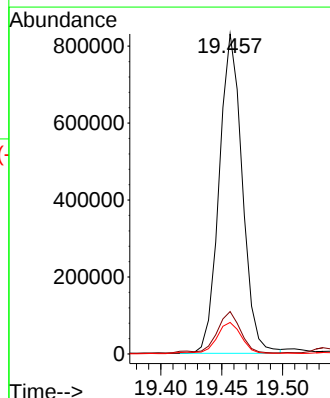
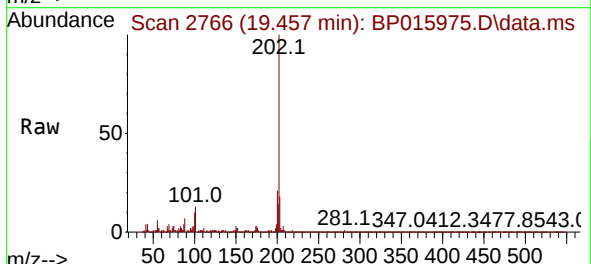
RT: 19.457 min Scan# 2766

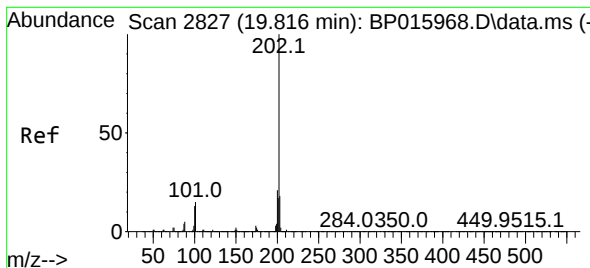
Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

Tgt Ion:202	Resp: 1095777
Ion Ratio	Lower Upper
202 100	
101 13.2	8.3 12.5
100 9.9	6.6 9.8





#82

Pyrene

Concen: 8.201 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

Instrument :

BNA_P

ClientSampleId :

DCGF0

Tgt Ion:202 Resp: 904092

Ion Ratio Lower Upper

202 100

101 16.2 9.3 13.9

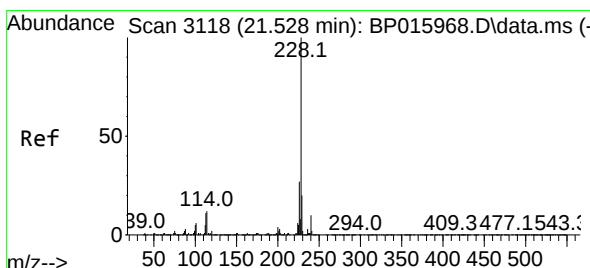
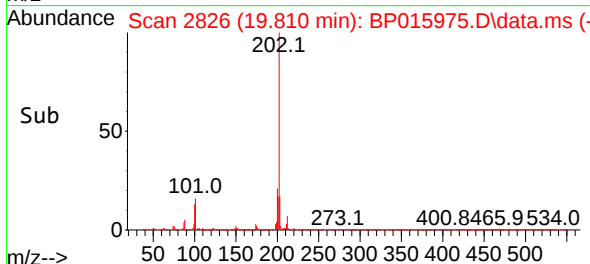
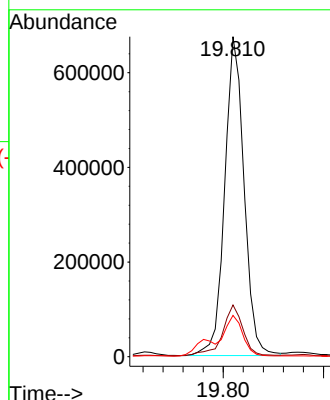
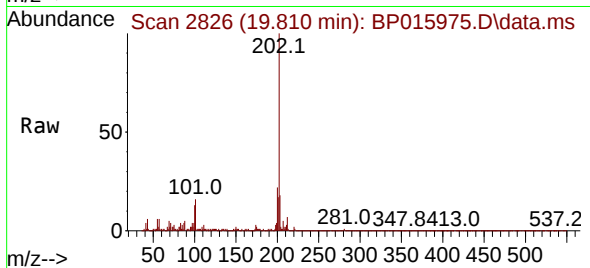
100 12.9 7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#85

Benzo(a)anthracene

Concen: 5.409 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

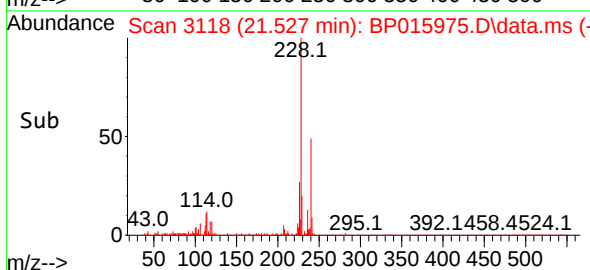
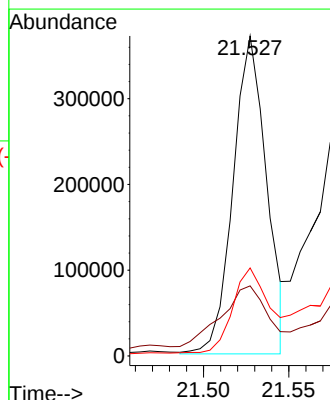
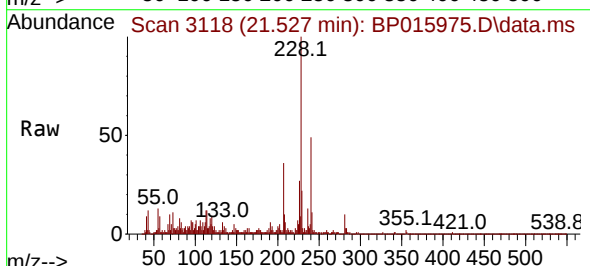
Tgt Ion:228 Resp: 506705

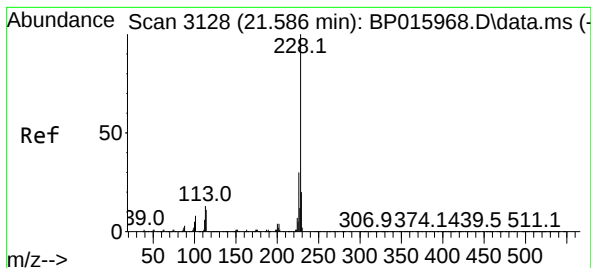
Ion Ratio Lower Upper

228 100

229 21.9 15.3 22.9

226 27.5 21.4 32.0





#87

Chrysene

Concen: 7.302 ng/ul

RT: 21.580 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

Instrument :

BNA_P

ClientSampleId :

DCGF0

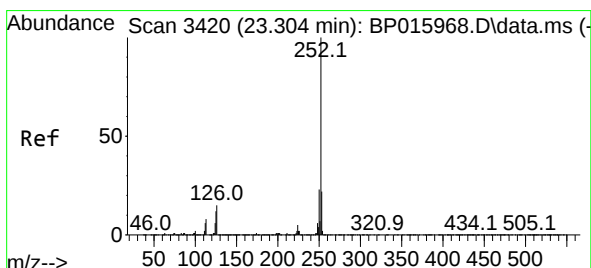
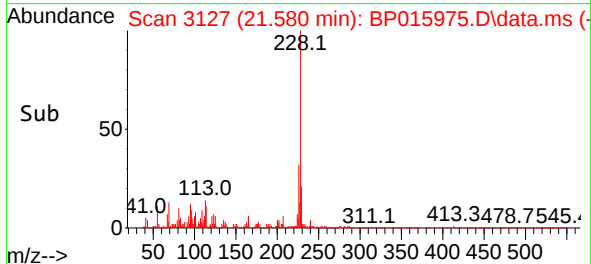
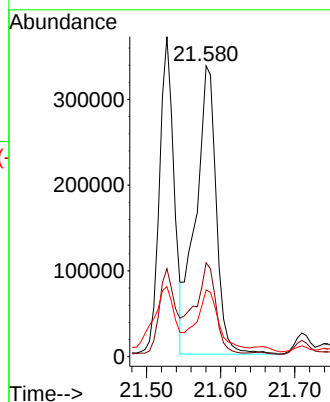
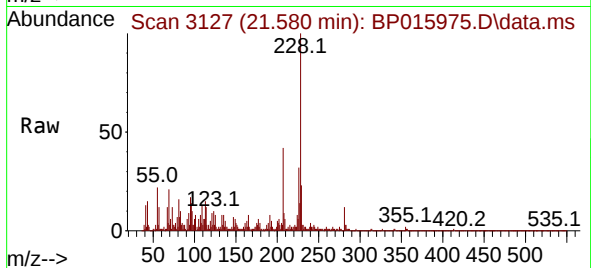
Tgt Ion:228 Resp: 649048
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.3 36.5
 229 22.9 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 10.552 ng/ul

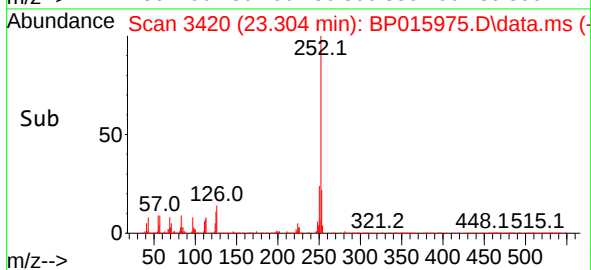
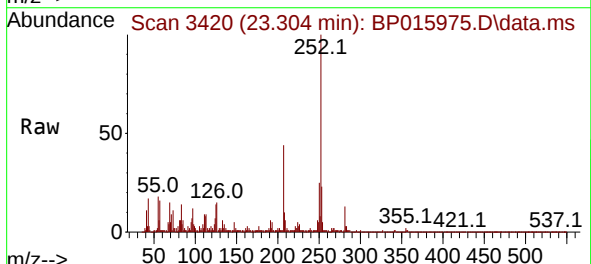
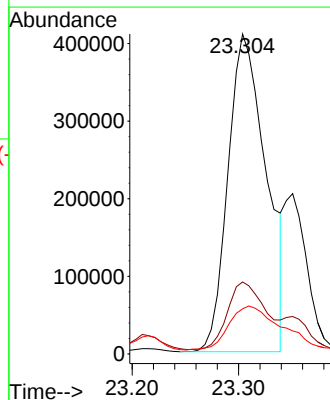
RT: 23.304 min Scan# 3420

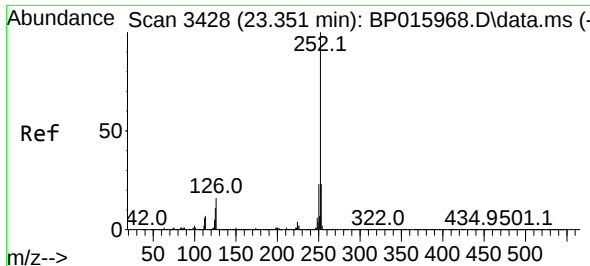
Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

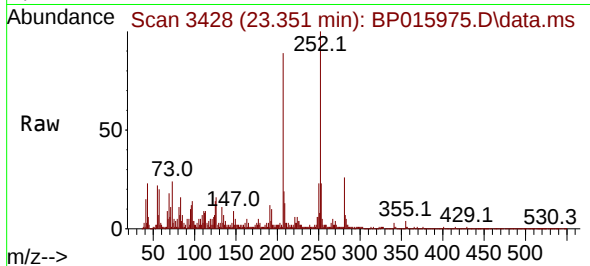
Tgt Ion:252 Resp: 1018145
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 14.1 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 3.090 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015975.D
Acq: 04 Jul 2023 14:34

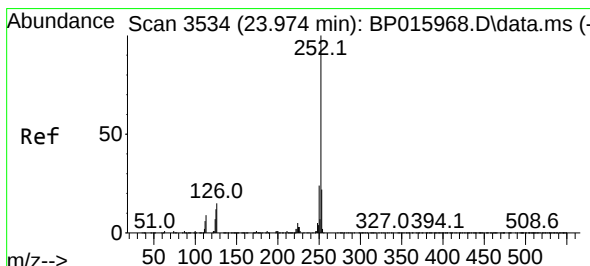
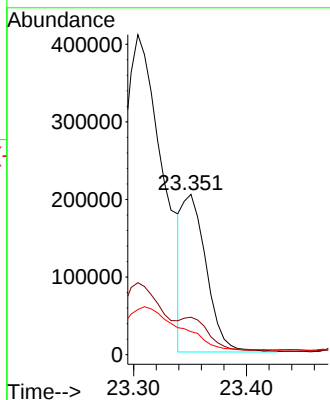
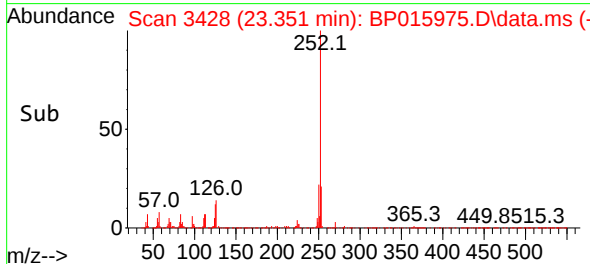
Instrument :
BNA_P
ClientSampleId :
DCGF0



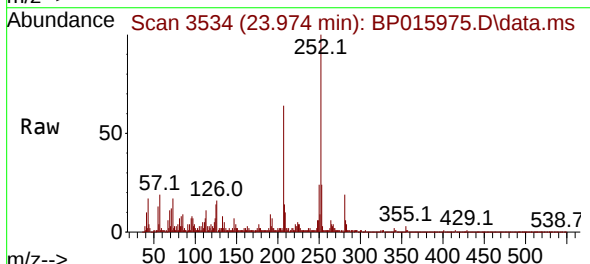
Tgt Ion:252 Resp: 301220
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 14.4 7.3 10.9

Manual Integrations
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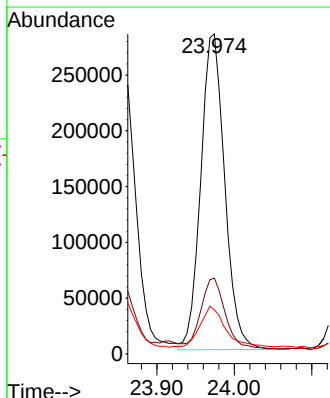
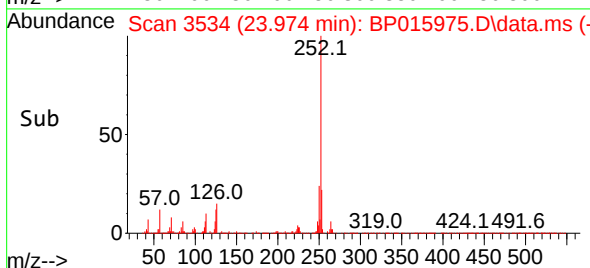
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

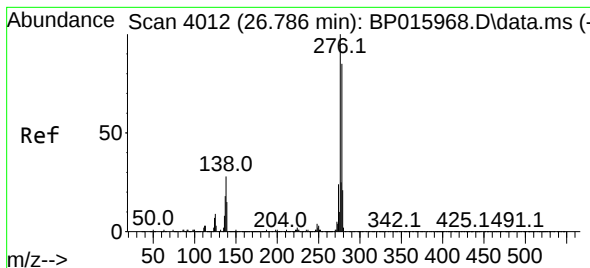


#93
Benzo(a)pyrene
Concen: 7.199 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP015975.D
Acq: 04 Jul 2023 14:34



Tgt Ion:252 Resp: 606973
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 13.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.411 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

Instrument :

BNA_P

ClientSampleId :

DCGF0

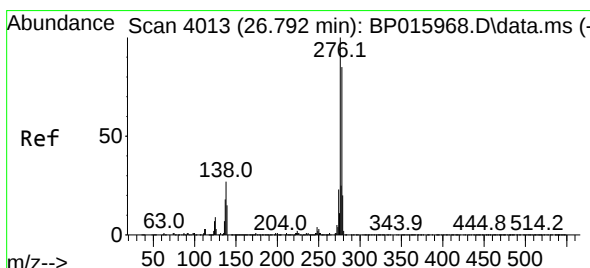
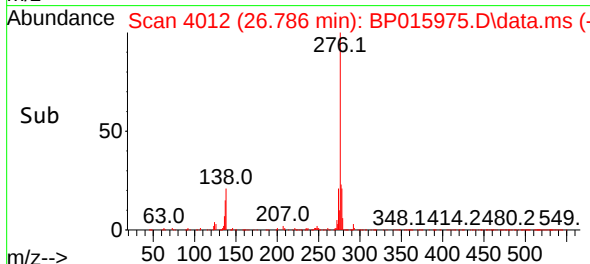
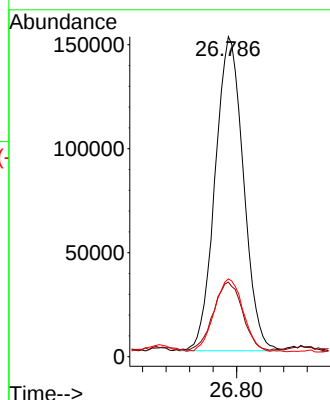
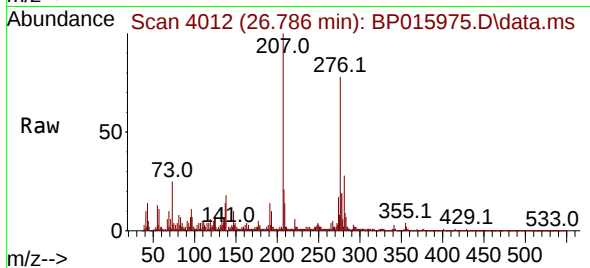
Tgt Ion:	276	Resp:	50485
Ion Ratio	Lower	Upper	
276	100		
138	23.3	15.7	23.5
277	24.3	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.499 ng/ul

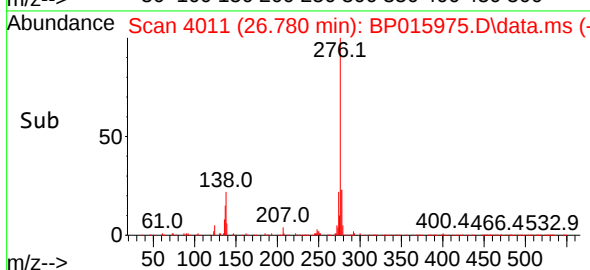
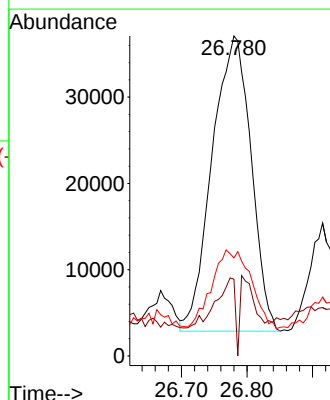
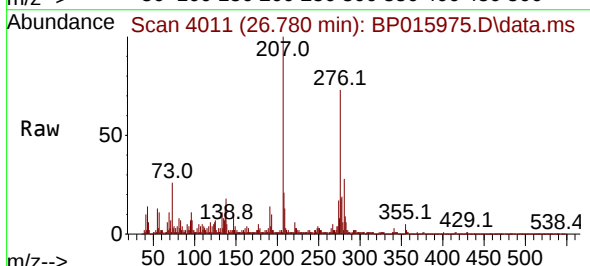
RT: 26.780 min Scan# 4011

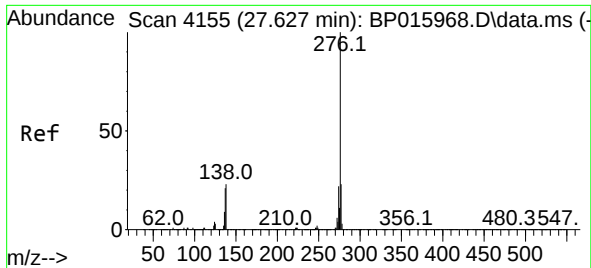
Delta R.T. -0.017 min

Lab File: BP015975.D

Acq: 04 Jul 2023 14:34

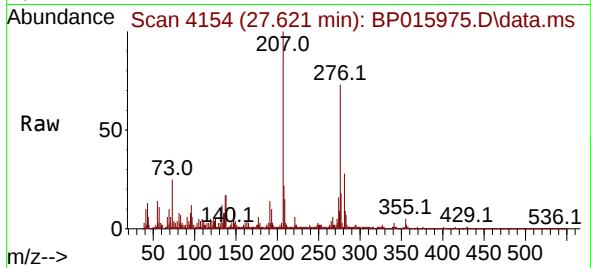
Tgt Ion:	278	Resp:	140888
Ion Ratio	Lower	Upper	
278	100		
139	24.0	10.5	15.7#
279	30.7	18.4	27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 5.513 ng/ul
 RT: 27.621 min Scan# 4154
 Delta R.T. -0.006 min
 Lab File: BP015975.D
 Acq: 04 Jul 2023 14:34

Instrument :
 BNA_P
 ClientSampleId :
 DCGF0



Tgt Ion:276 Resp: 519092
 Ion Ratio Lower Upper
 276 100
 138 24.0 15.1 22.7
 277 24.7 18.8 28.2

Manual Integrations
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