

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015996.D
 Acq On : 05 Jul 2023 02:59
 Operator : MA/JU
 Sample : 03244-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF3

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 03:53:40 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	267698	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1103414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	577805	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	942149	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	795047	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	980758	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27294	3.668	ng/uL	0.00
4) Pyridine-d5	3.823	84	293880	15.669	ng/u1	0.00
7) Phenol-d5	7.234	99	519605	22.686	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.364	67	365170	25.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	431504	24.957	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	399829	22.097	ng/u1	0.01
21) Nitrobenzene-d5	9.234	128	208581	24.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	226657	23.030	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	376609	21.473	ng/u1	0.03
31) 4-Chloroaniline-d4	11.052	131	318518	14.138	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	1186327	26.564	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1322153	26.336	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	100444m	17.043	ng/u1	0.07
60) Fluorene-d10	15.693	176	897609	24.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	55482m	9.576	ng/u1	0.02
73) Anthracene-d10	17.557	188	1100437	25.570	ng/u1	0.00
81) Pyrene-d10	19.786	212	1231627	23.724	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	1339232	27.069	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.422	152	108010	1.953	ng/u1	96
72) Phenanthrene	17.498	178	164577	3.215	ng/u1	99
74) Anthracene	17.598	178	86414	1.680	ng/u1	95
80) Fluoranthene	19.463	202	488079	7.565	ng/u1#	95
82) Pyrene	19.816	202	430252	6.537	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	278217	4.975	ng/u1#	94
87) Chrysene	21.586	228	316444m	5.964	ng/u1	
90) Benzo(b)fluoranthene	23.310	252	579575	9.197	ng/u1#	93
91) Benzo(k)fluoranthene	23.351	252	192390m	3.022	ng/u1	
93) Benzo(a)pyrene	23.974	252	362732	6.587	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.792	276	337318	4.513	ng/u1	97
95) Dibenzo(a,h)anthracene	26.786	278	85208	1.388	ng/u1#	55
96) Benzo(g,h,i)perylene	27.633	276	304143	4.946	ng/u1#	93

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

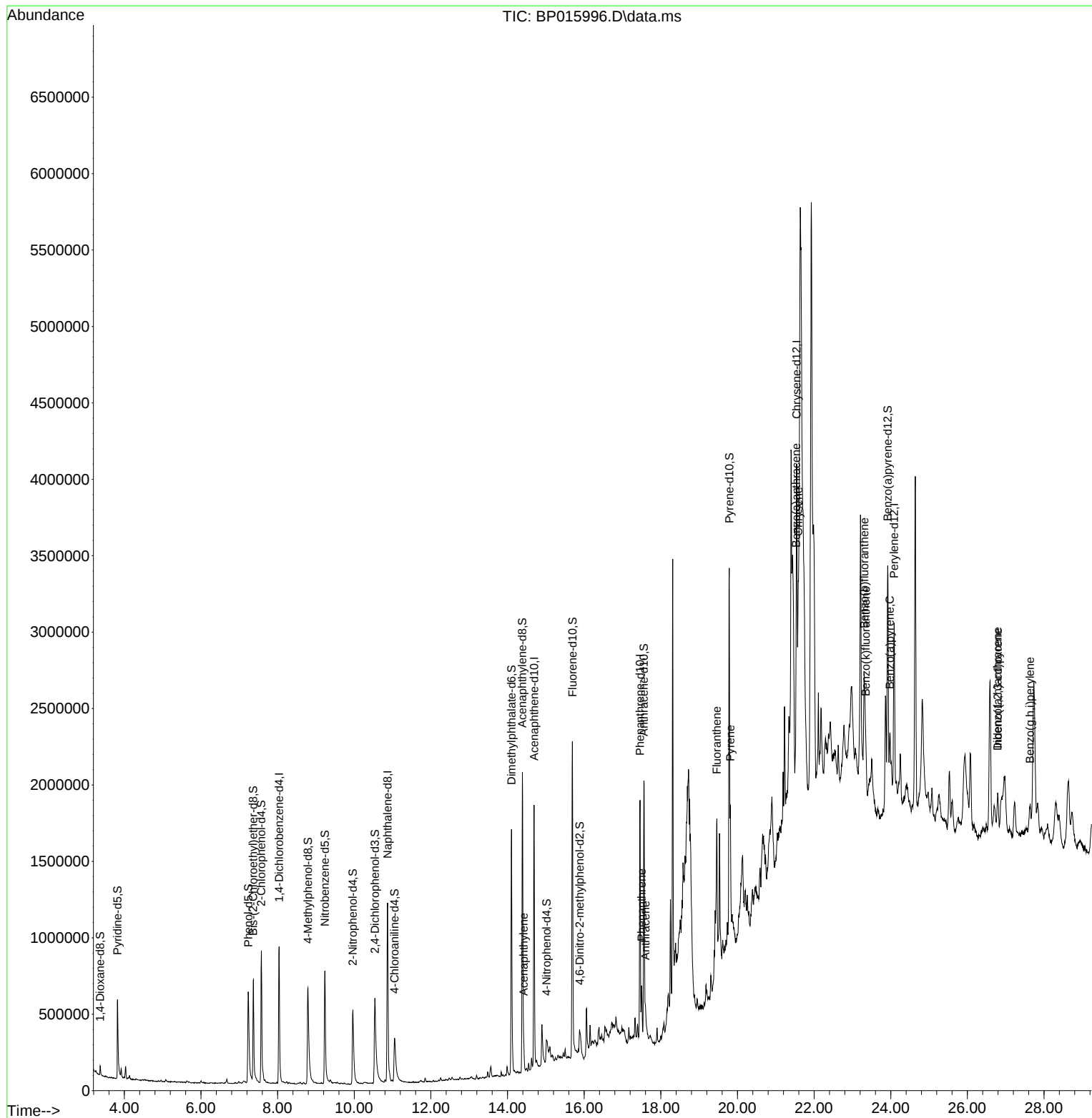
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015996.D
 Acq On : 05 Jul 2023 02:59
 Operator : MA/JU
 Sample : 03244-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

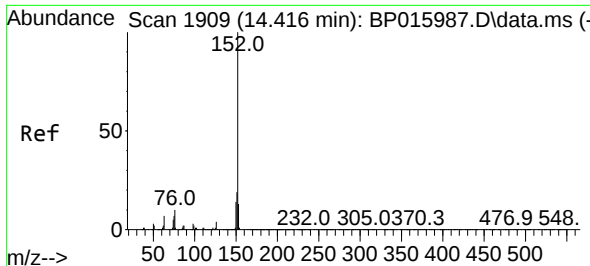
Instrument :
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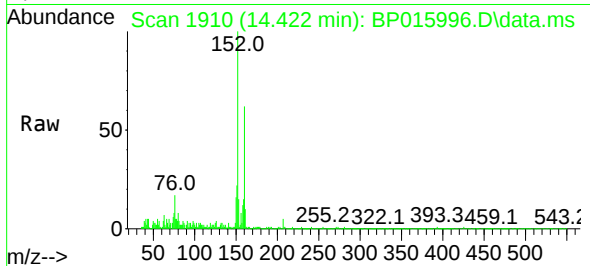
Quant Time: Jul 05 03:53:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.953 ng/ul
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP015996.D
Acq: 05 Jul 2023 02:59

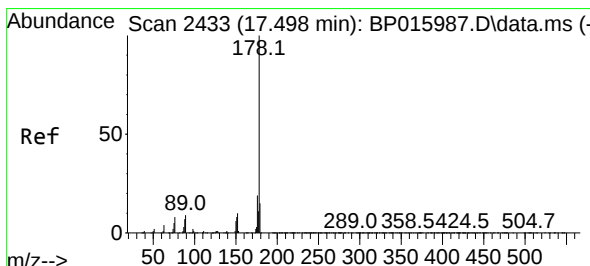
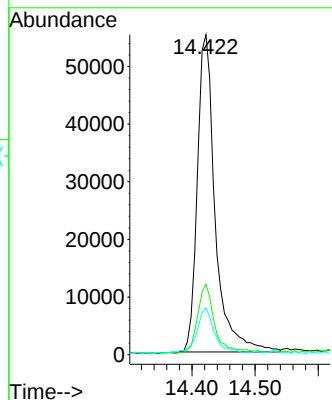
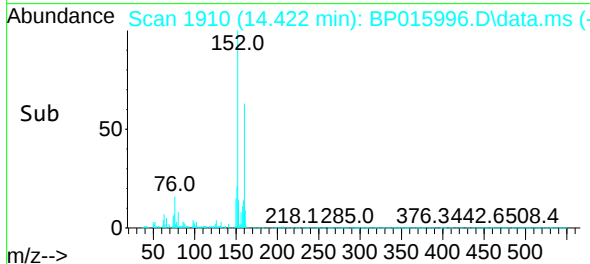
Instrument :
BNA_P
ClientSampleId :
DCGF3



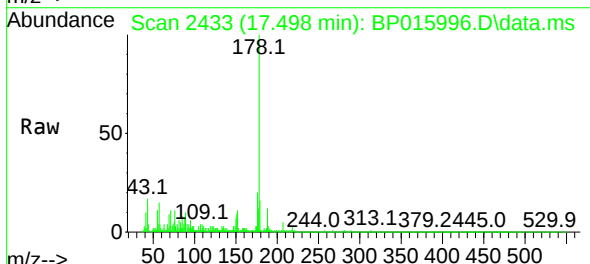
Tgt Ion:152 Resp: 108010
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.2
153 14.7 10.5 15.7

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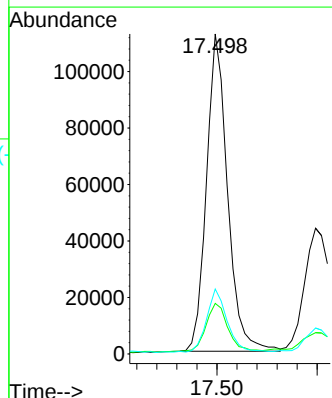
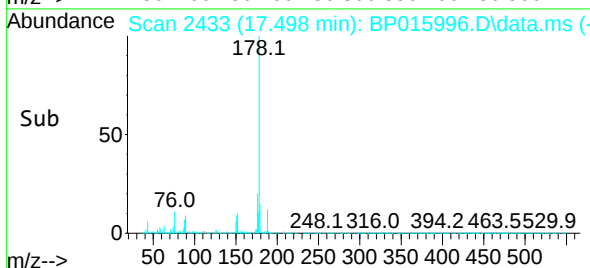
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

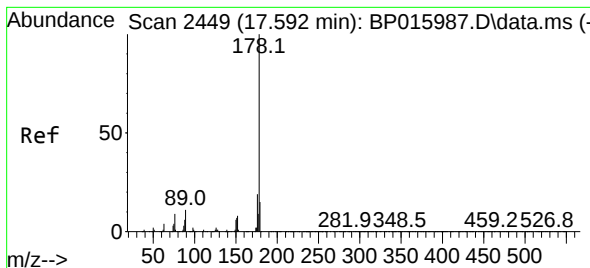


#72
Phenanthrene
Concen: 3.215 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015996.D
Acq: 05 Jul 2023 02:59



Tgt Ion:178 Resp: 164577
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.3 15.6 23.4





#74

Anthracene

Concen: 1.680 ng/ul

RT: 17.598 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Instrument :

BNP_P

ClientSampleId :

DCGF3

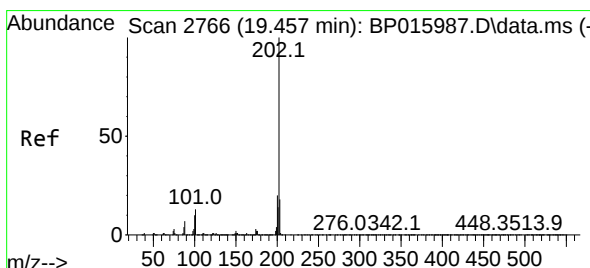
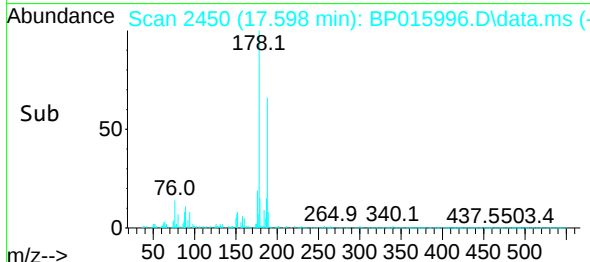
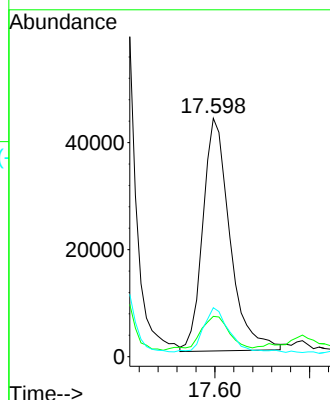
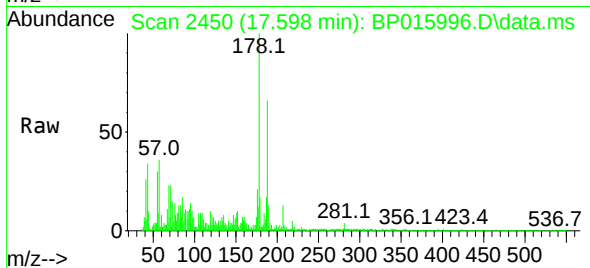
Tgt Ion:178	Resp:	86414
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.1 18.1
176	20.6	14.6 22.0

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#80

Fluoranthene

Concen: 7.565 ng/ul

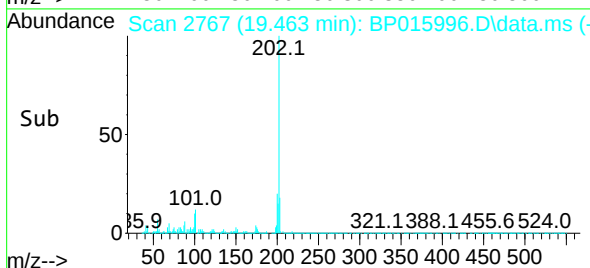
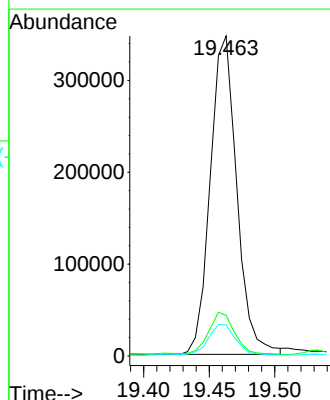
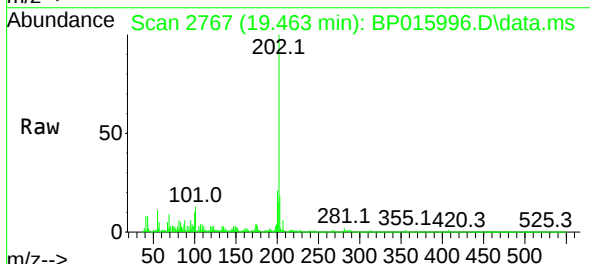
RT: 19.463 min Scan# 2767

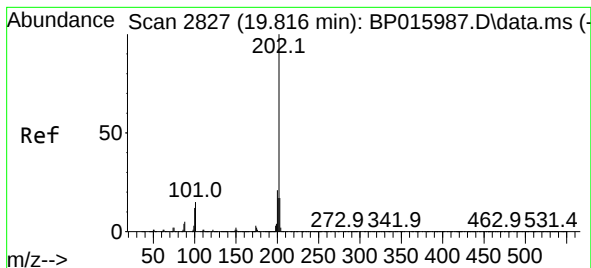
Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Tgt Ion:202	Resp:	488079
Ion Ratio	Lower	Upper
202	100	
101	12.7	8.3 12.5
100	9.7	6.6 9.8





#82

Pyrene

Concen: 6.537 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Instrument :

BNA_P

ClientSampleId :

DCGF3

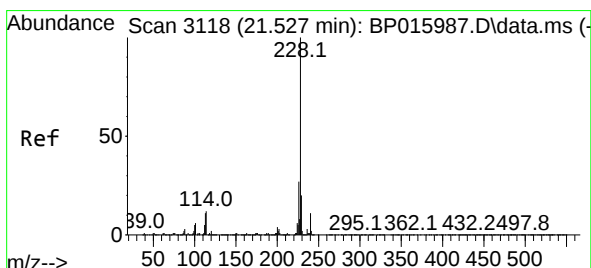
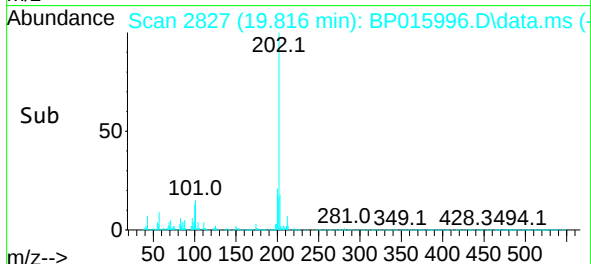
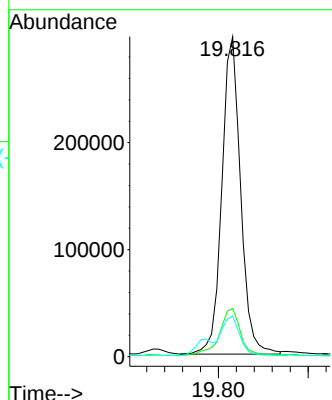
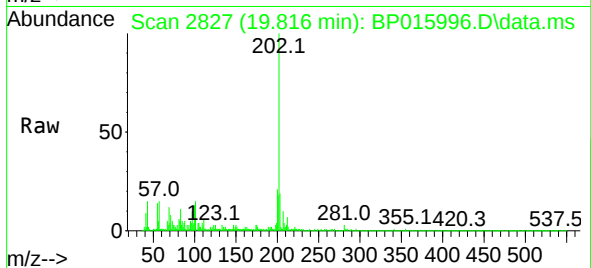
Tgt Ion:	202	Resp:	43025
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.3	13.9
100	12.7	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 4.975 ng/ul

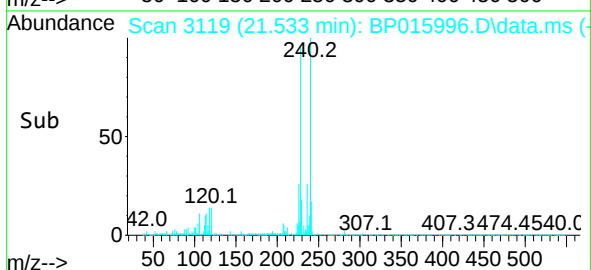
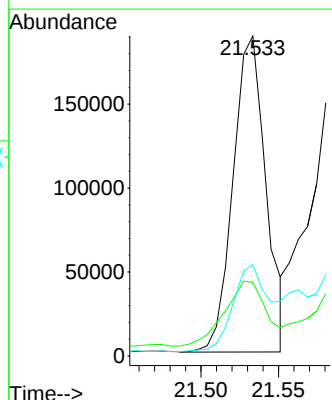
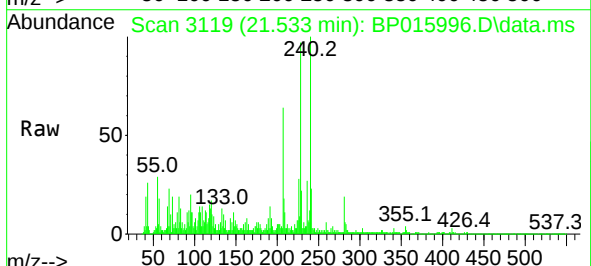
RT: 21.533 min Scan# 3119

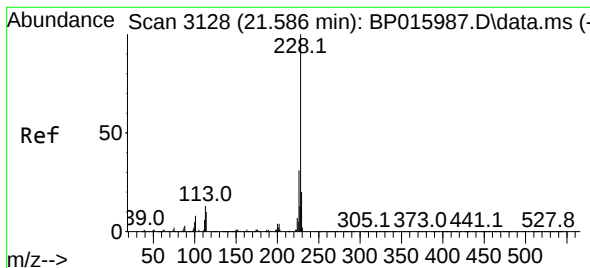
Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Tgt Ion:	228	Resp:	278217
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.3	22.9
226	28.5	21.4	32.0





#87

Chrysene

Concen: 5.964 ng/ul m

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Instrument :

BNA_P

ClientSampleId :

DCGF3

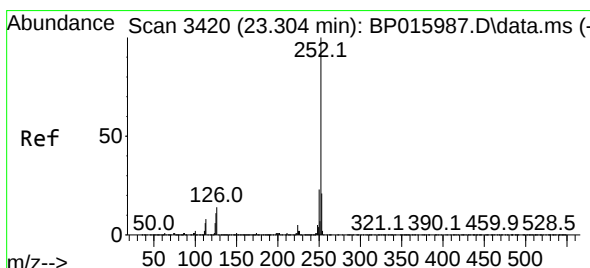
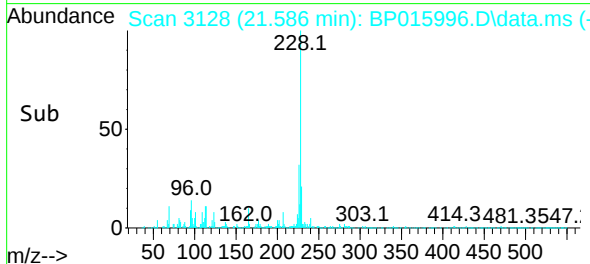
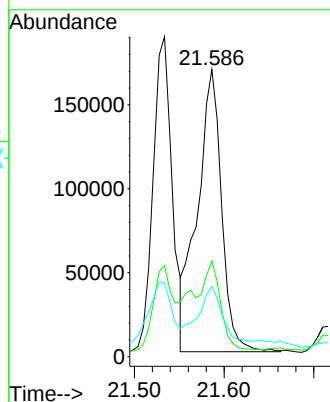
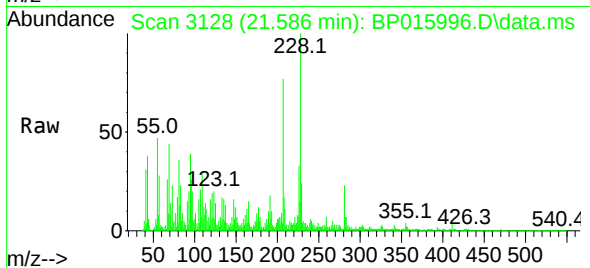
Tgt Ion:	228	Resp:	31644
Ion Ratio	Lower	Upper	
228	100		
226	33.3	24.3	36.5
229	24.4	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 9.197 ng/ul

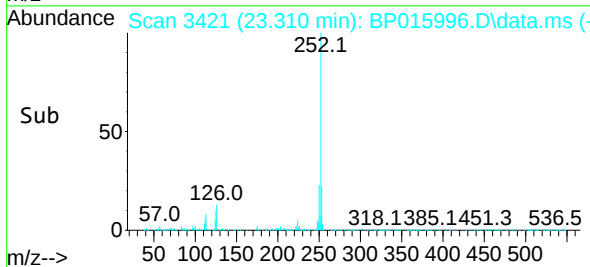
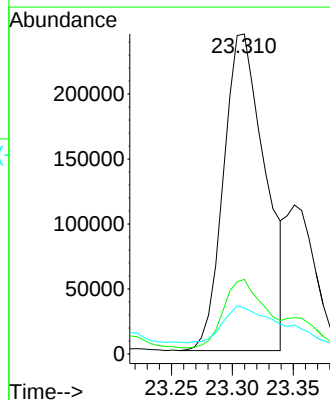
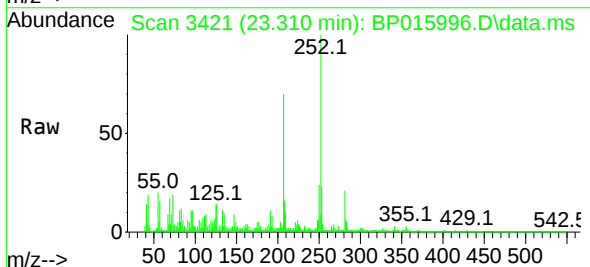
RT: 23.310 min Scan# 3421

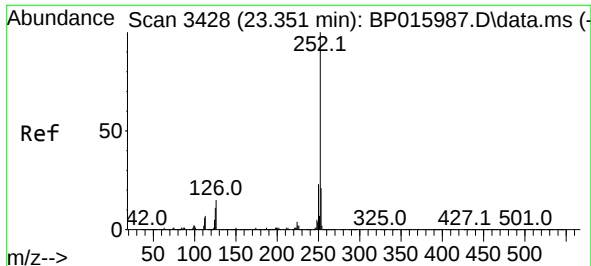
Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

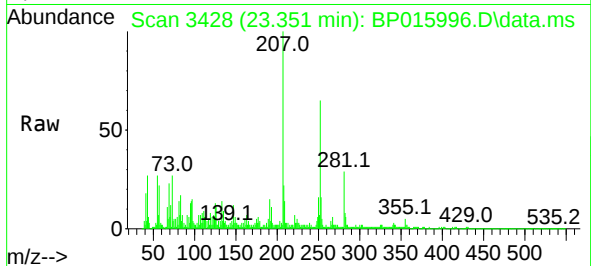
Tgt Ion:	252	Resp:	579575
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	14.4	7.5	11.3





#91
Benzo(k)fluoranthene
Concen: 3.022 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.005 min
Lab File: BP015996.D
Acq: 05 Jul 2023 02:59

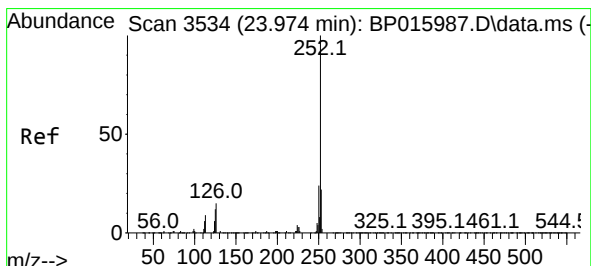
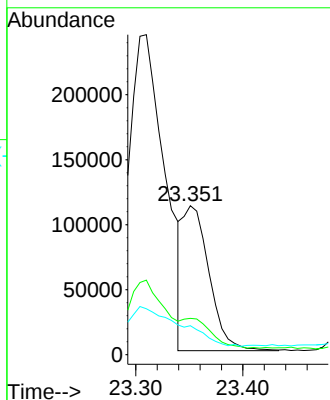
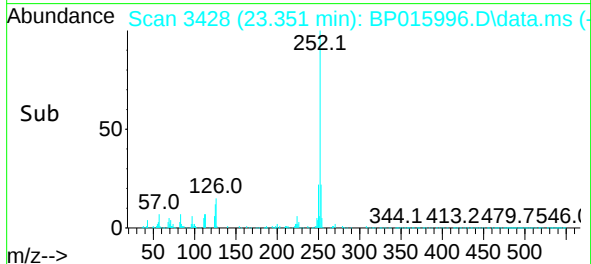
Instrument :
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DCGF3



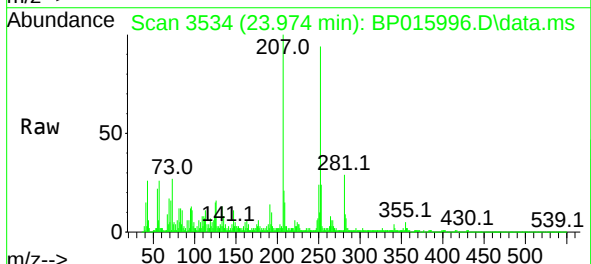
Tgt Ion:252 Resp: 192390
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.4
125 19.4 7.3 10.9

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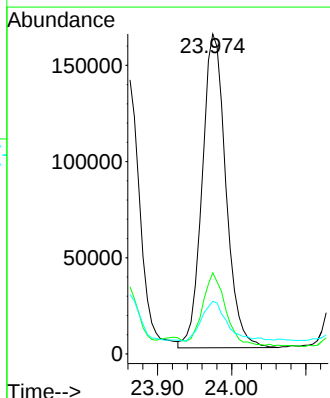
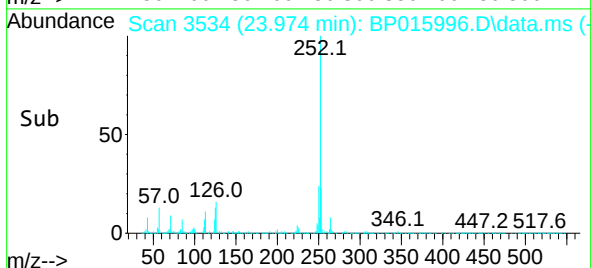
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

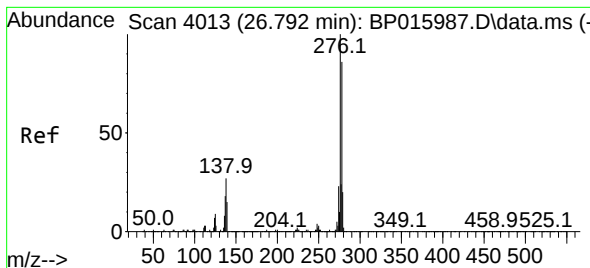


#93
Benzo(a)pyrene
Concen: 6.587 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP015996.D
Acq: 05 Jul 2023 02:59



Tgt Ion:252 Resp: 362732
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 16.4 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.513 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

Instrument :

BNA_P

ClientSampleId :

DCGF3

Tgt Ion:276 Resp: 337318

Ion Ratio Lower Upper

276 100

138 21.9 15.7 23.5

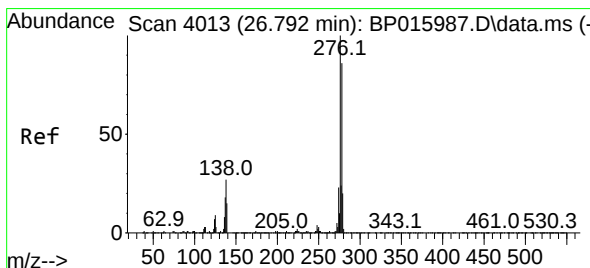
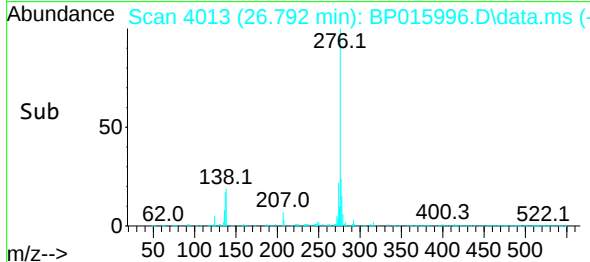
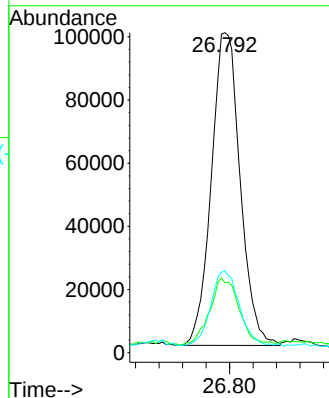
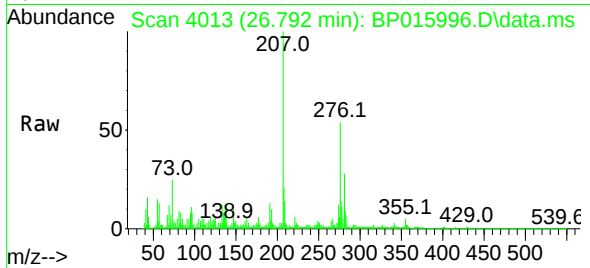
277 25.6 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.388 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.011 min

Lab File: BP015996.D

Acq: 05 Jul 2023 02:59

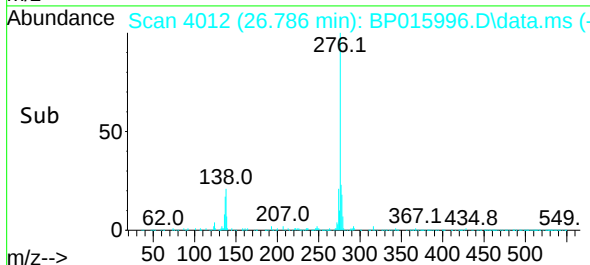
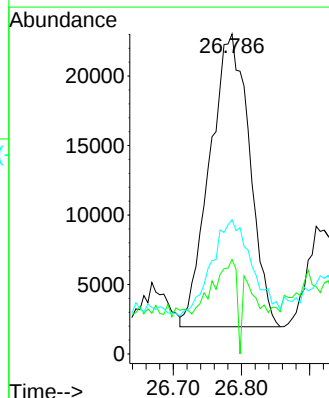
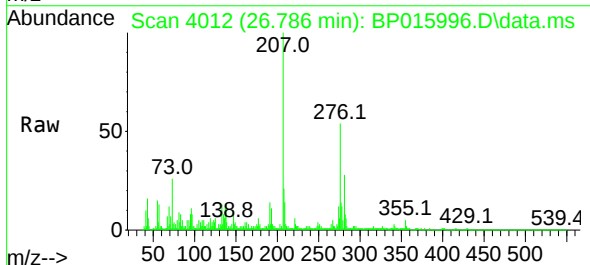
Tgt Ion:278 Resp: 85208

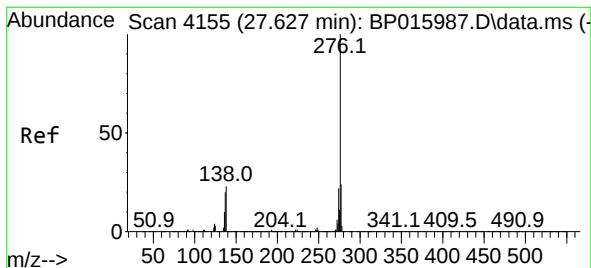
Ion Ratio Lower Upper

278 100

139 35.0 10.5 15.7#

279 41.9 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 4.946 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP015996.D

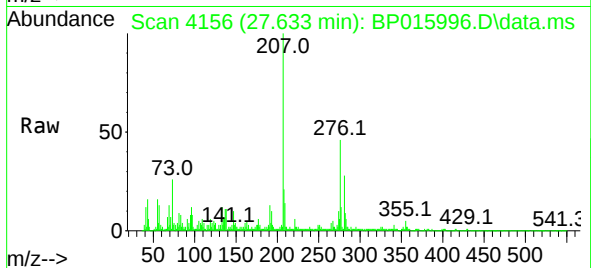
Acq: 05 Jul 2023 02:59

Instrument :

BNA_P

ClientSampleId :

DCGF3



Tgt Ion:276 Resp: 30414

Ion Ratio Lower Upper

276 100

138 24.2 15.1 22.7

277 25.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023

