

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015912.D
 Acq On : 02 Jul 2023 07:47
 Operator : MA/JU
 Sample : 03243-16
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 08:20:35 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	8.046	152	259642	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1148176	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	687022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1393843	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	876001	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	961154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	43731	6.060	ng/uL	0.00
4) Pyridine-d5	3.817	84	504395	27.727	ng/u1	0.00
7) Phenol-d5	7.228	99	842858	37.940	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	551808	40.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	666506	39.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	659290	37.567	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	332177	37.856	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	372608	36.383	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	629829	34.511	ng/u1	0.02
31) 4-Chloroaniline-d4	11.046	131	537121	22.911	ng/u1	0.02
46) Dimethylphthalate-d6	14.110	166	2098272	39.514	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2350679	39.379	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	286649	40.906	ng/u1	0.02
60) Fluorene-d10	15.698	176	1743261	39.870	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	220352	25.706	ng/u1	0.00
73) Anthracene-d10	17.563	188	2580268	40.527	ng/u1	0.00
81) Pyrene-d10	19.786	212	2602862	45.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2076267	42.823	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	86404	1.314	ng/u1	99
72) Phenanthrene	17.498	178	858134	11.333	ng/u1	99
74) Anthracene	17.598	178	179299	2.357	ng/u1	98
80) Fluoranthene	19.463	202	2479546	34.879	ng/u1#	95
82) Pyrene	19.816	202	1993647	27.492	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	976133	15.841	ng/u1	97
87) Chrysene	21.586	228	1136979	19.447	ng/u1	98
90) Benzo(b)fluoranthene	23.304	252	1839235	29.781	ng/u1#	97
91) Benzo(k)fluoranthene	23.351	252	631018m	10.113	ng/u1	
93) Benzo(a)pyrene	23.974	252	1199851	22.234	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	1023511	13.972	ng/u1#	90
95) Dibenzo(a,h)anthracene	26.786	278	272706	4.532	ng/u1#	79
96) Benzo(g,h,i)perylene	27.627	276	938671	15.575	ng/u1#	95

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

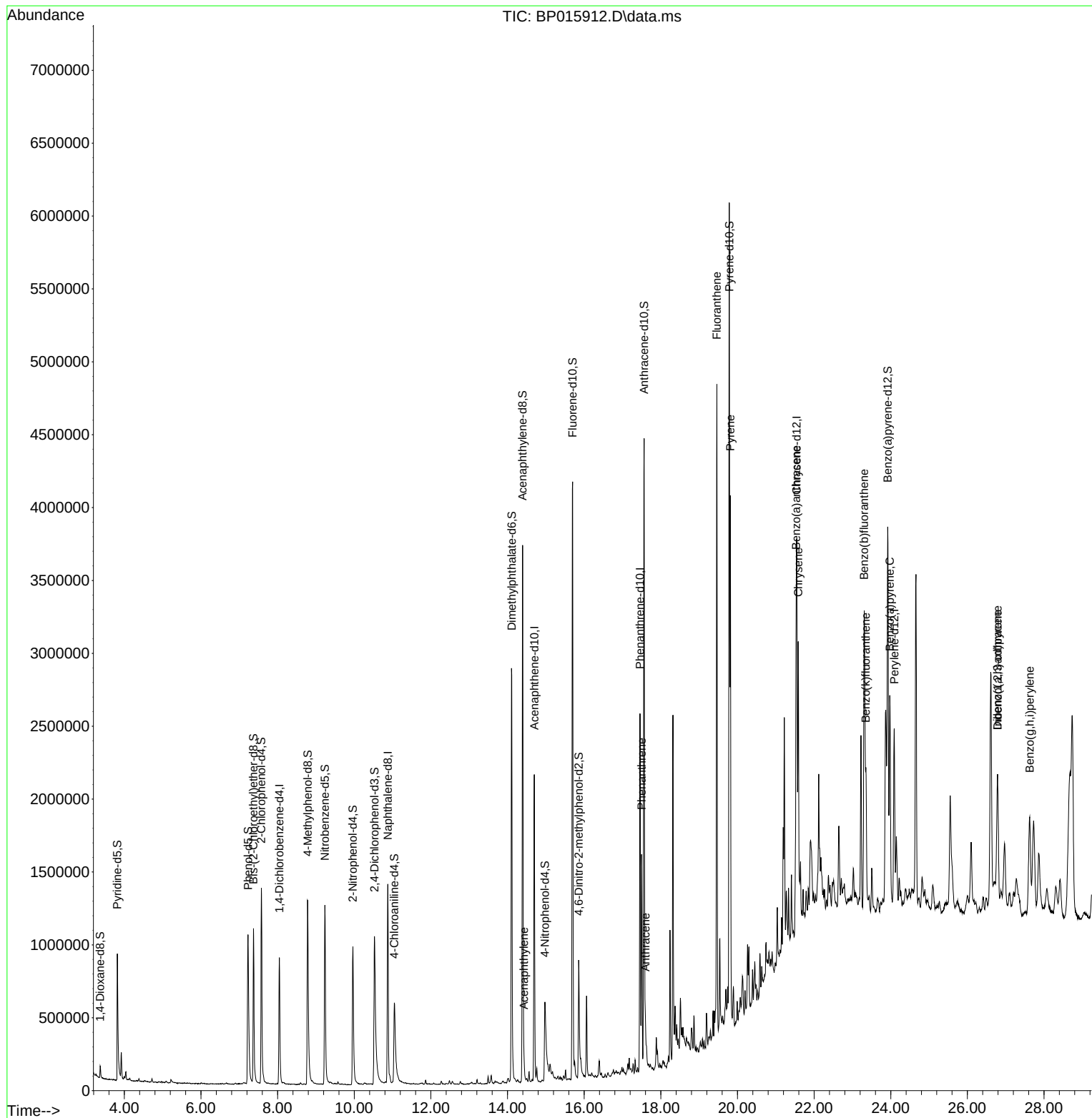
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015912.D
Acq On : 02 Jul 2023 07:47
Operator : MA/JU
Sample : 03243-16
Misc :
ALS Vial : 79 Sample Multiplier: 1

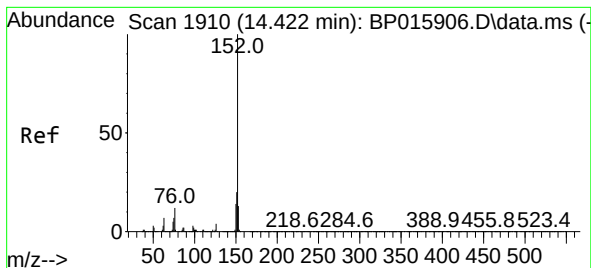
Instrument :
BNA_P
ClientSampleId :
DCGD6

Quant Time: Jul 02 08:20:35 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
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#50

Acenaphthylene

Concen: 1.314 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Instrument :

BNA_P

ClientSampleId :

DCGD6

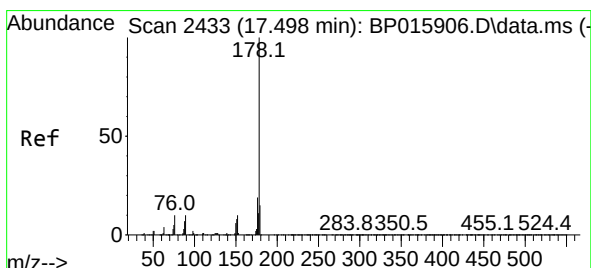
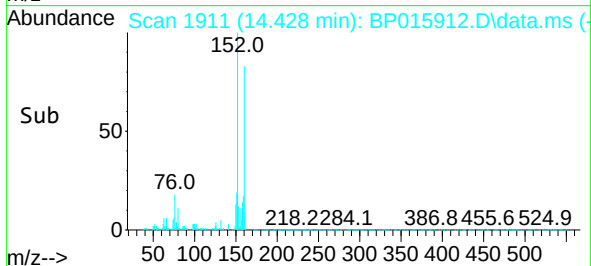
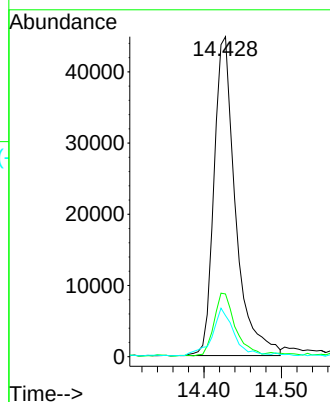
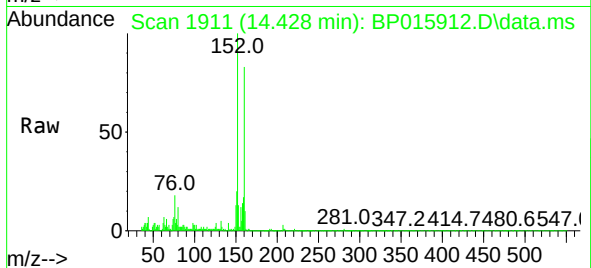
Tgt Ion:	152	Resp:	8640
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.9	10.5	15.7

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#72

Phenanthrene

Concen: 11.333 ng/ul

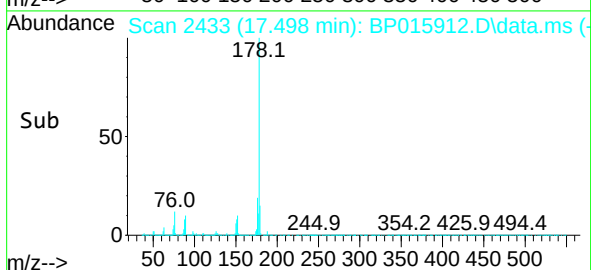
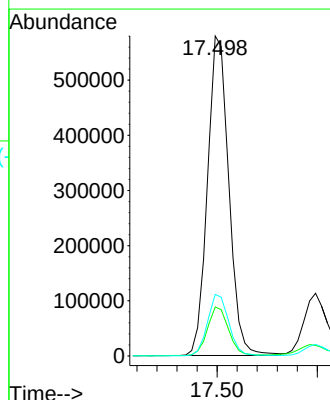
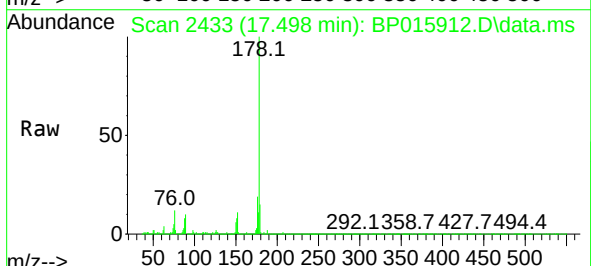
RT: 17.498 min Scan# 2433

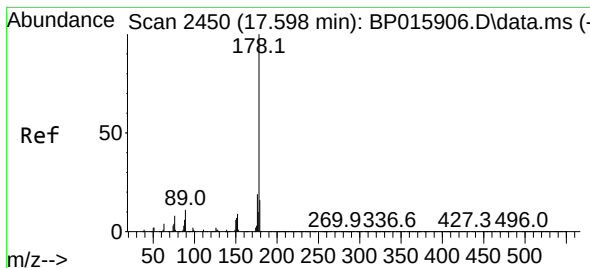
Delta R.T. 0.000 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Tgt Ion:	178	Resp:	858134
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	19.2	15.6	23.4





#74

Anthracene

Concen: 2.357 ng/ul

RT: 17.598 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Instrument :

BNP_P

ClientSampleId :

DCGD6

Tgt Ion:178 Resp: 179299

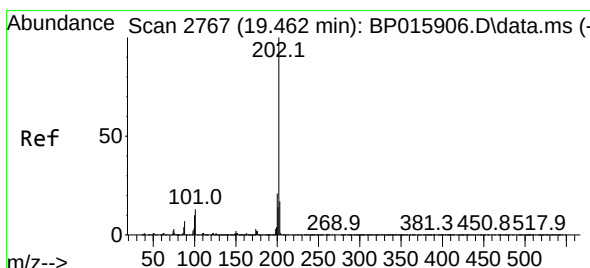
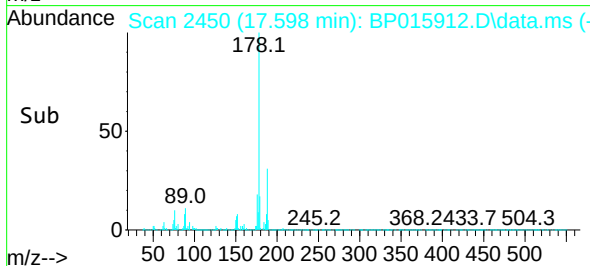
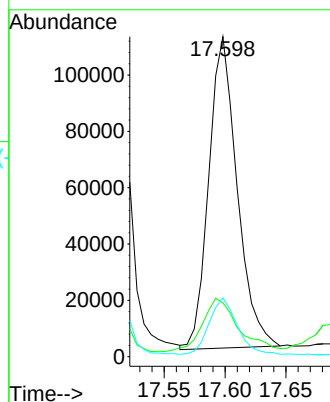
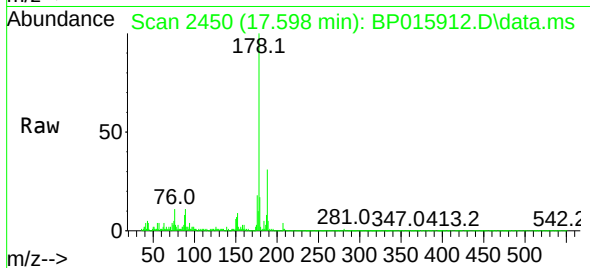
Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.1	18.1
176	18.4	14.6	22.0

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#80

Fluoranthene

Concen: 34.879 ng/ul

RT: 19.463 min Scan# 2767

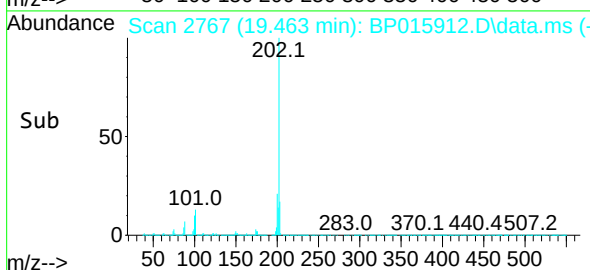
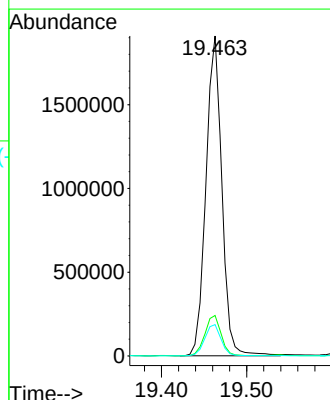
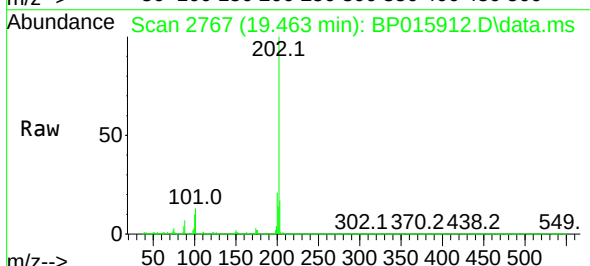
Delta R.T. 0.000 min

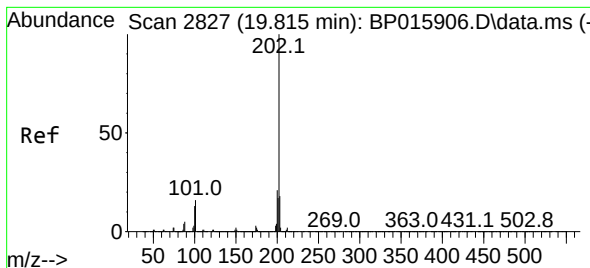
Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Tgt Ion:202 Resp: 2479546

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.3	12.5
100	9.8	6.6	9.8





#82

Pyrene

Concen: 27.492 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Instrument :

BNA_P

ClientSampleId :

DCGD6

Tgt Ion:202 Resp: 199364

Ion Ratio Lower Upper

202 100

101 15.1 9.3 13.9

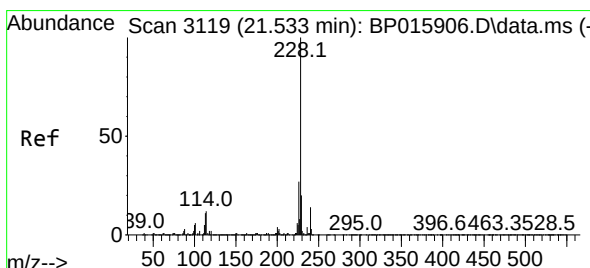
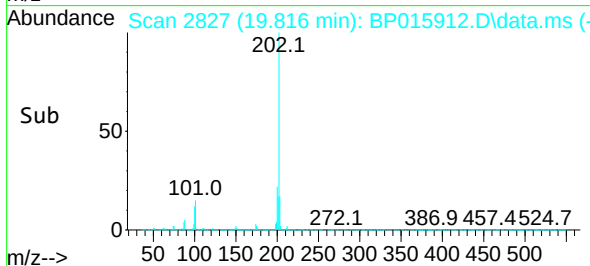
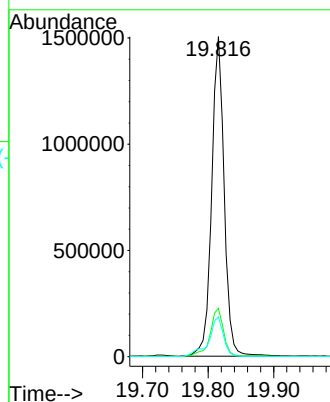
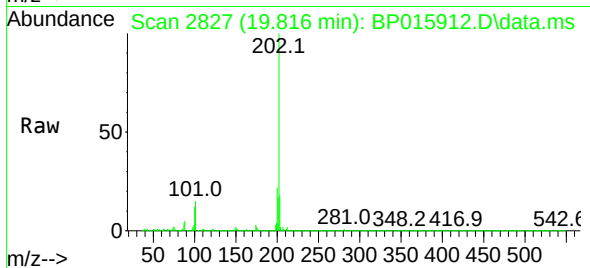
100 12.5 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 15.841 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

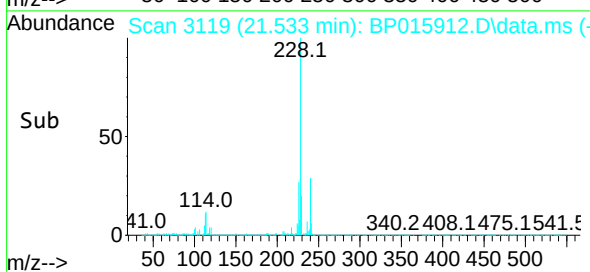
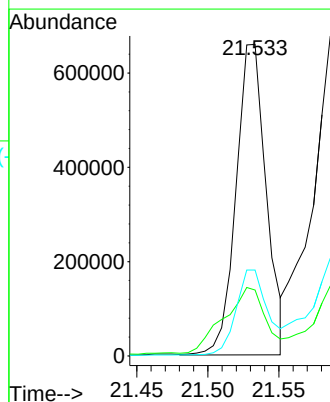
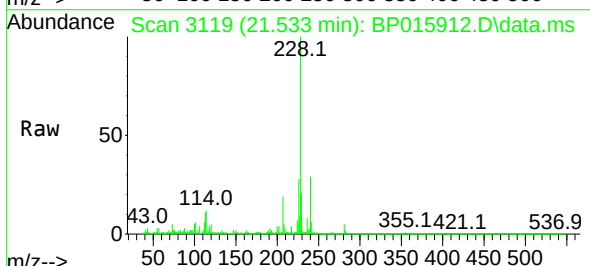
Tgt Ion:228 Resp: 976133

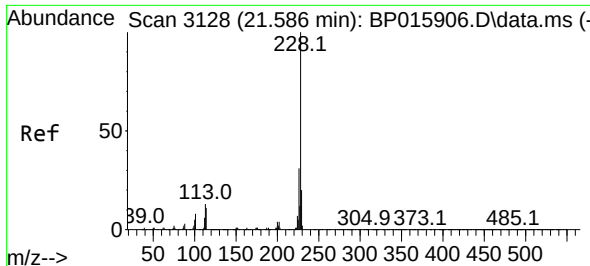
Ion Ratio Lower Upper

228 100

229 21.1 15.3 22.9

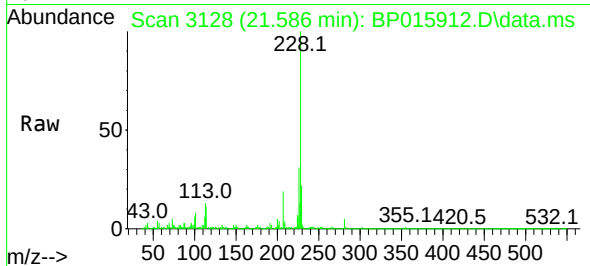
226 27.6 21.4 32.0





#87
Chrysene
Concen: 19.447 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015912.D
Acq: 02 Jul 2023 07:47

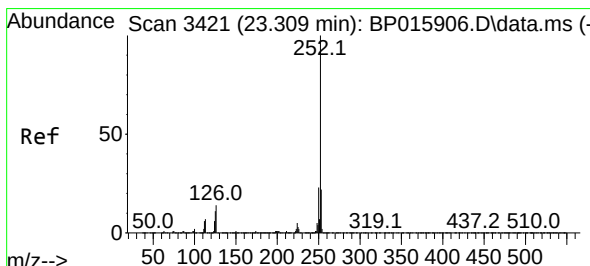
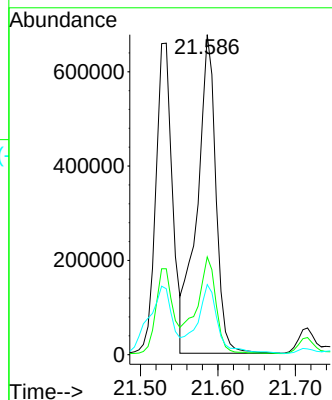
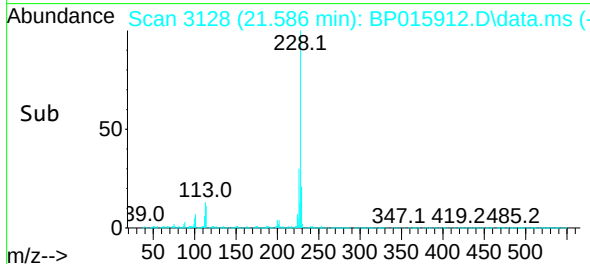
Instrument :
BNA_P
ClientSampleId :
DCGD6



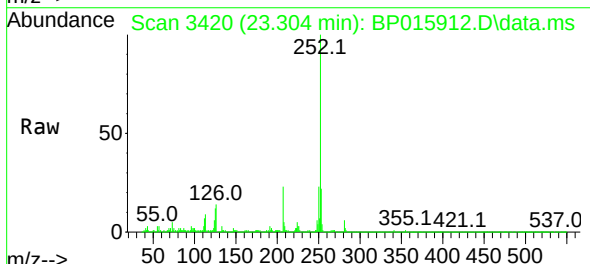
Tgt Ion:228 Resp: 1136979
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.9 15.5 23.3

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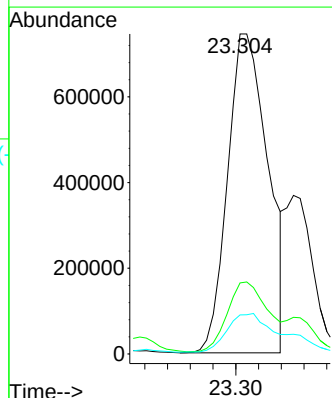
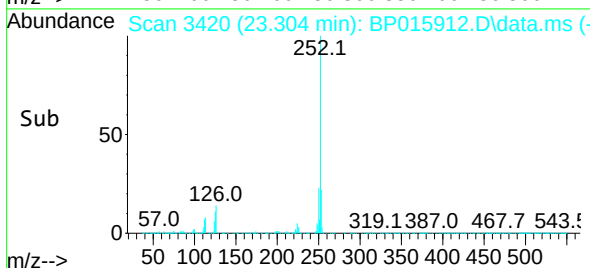
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

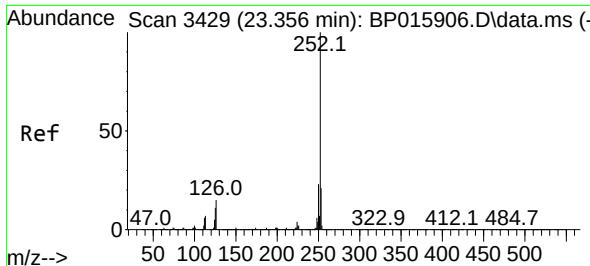


#90
Benzo(b)fluoranthene
Concen: 29.781 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP015912.D
Acq: 02 Jul 2023 07:47



Tgt Ion:252 Resp: 1839235
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.2 7.5 11.3





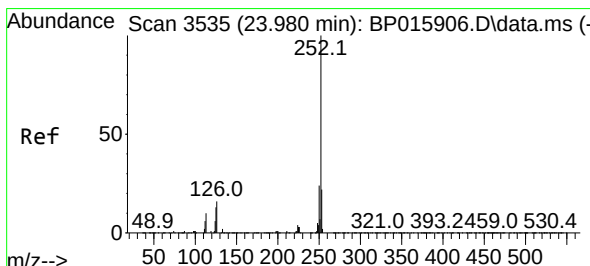
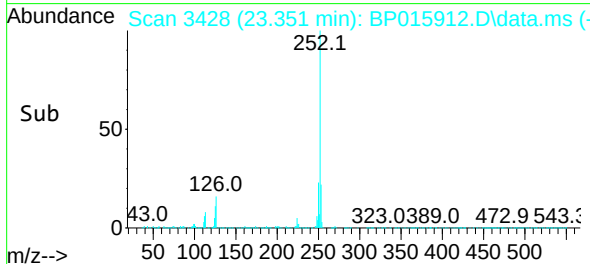
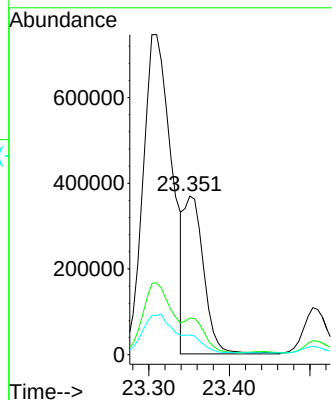
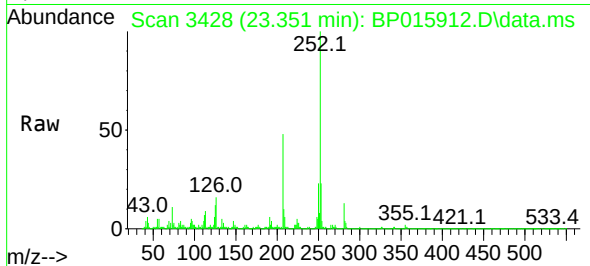
#91
Benzo(k)fluoranthene
Concen: 10.113 ng/ul m
RT: 23.351 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015912.D
Acq: 02 Jul 2023 07:47

Instrument :
BNA_P
ClientSampleId :
DCGD6

Tgt Ion:252 Resp: 631018
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 12.5 7.3 10.9

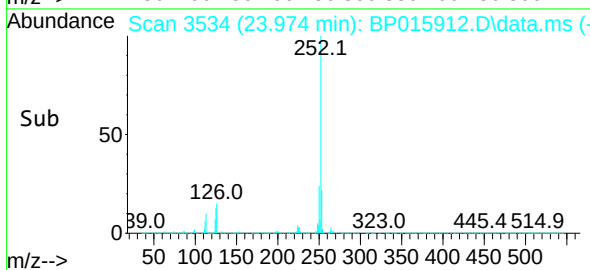
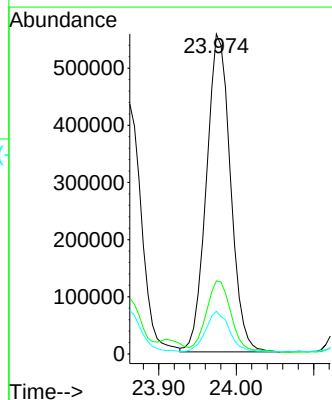
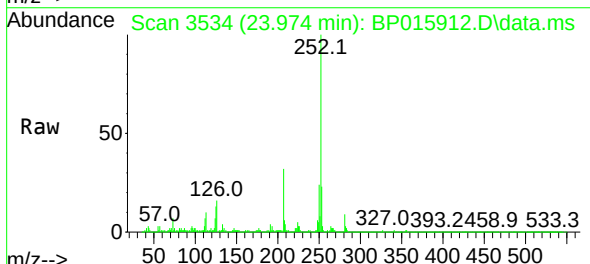
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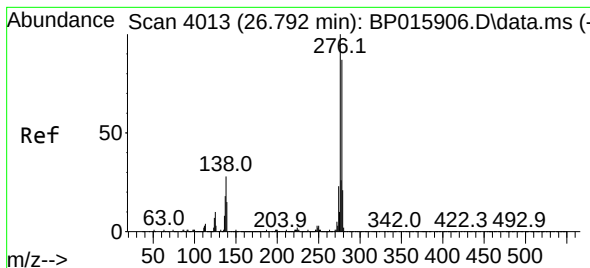
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#93
Benzo(a)pyrene
Concen: 22.234 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP015912.D
Acq: 02 Jul 2023 07:47

Tgt Ion:252 Resp: 1199851
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 13.4 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.972 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

Instrument :

BNA_P

ClientSampleId :

DCGD6

Tgt Ion:276 Resp: 102351

Ion Ratio Lower Upper

276 100

138 29.6 15.7 23.5

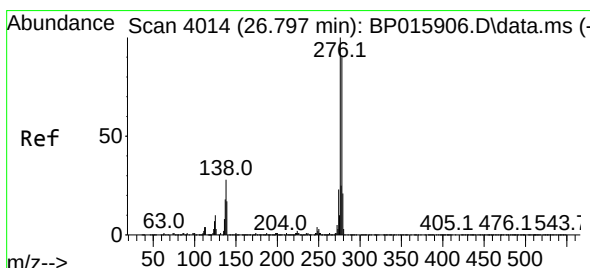
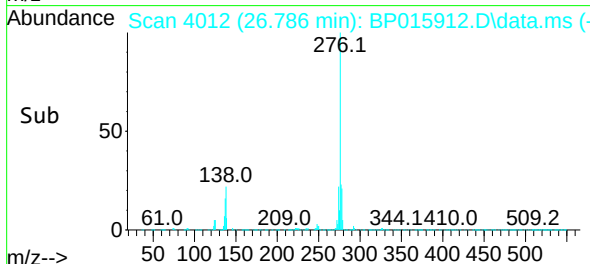
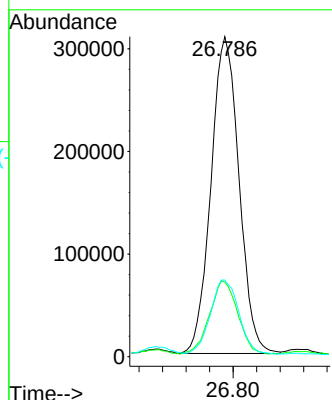
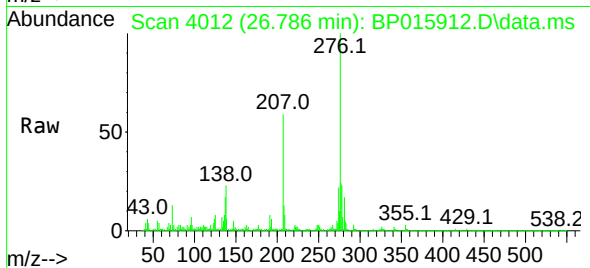
277 23.9 19.6 29.4

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 4.532 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.011 min

Lab File: BP015912.D

Acq: 02 Jul 2023 07:47

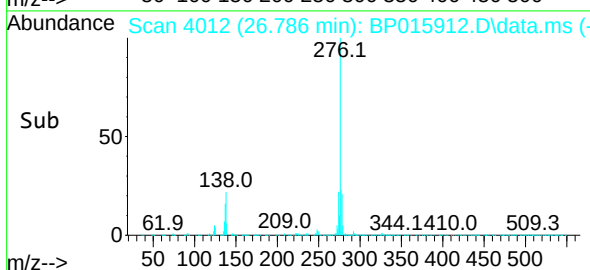
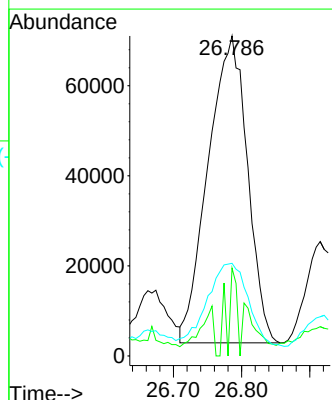
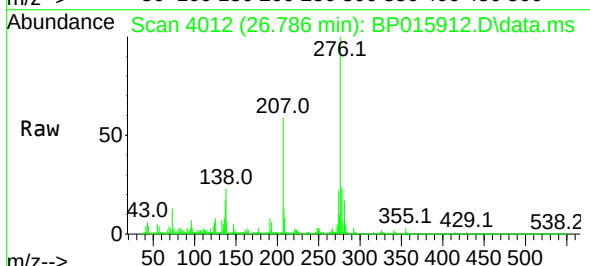
Tgt Ion:278 Resp: 272706

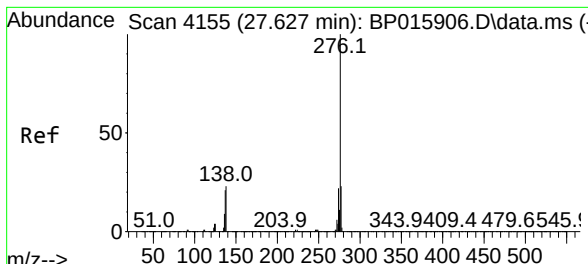
Ion Ratio Lower Upper

278 100

139 27.4 10.5 15.7#

279 29.0 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 15.575 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. 0.000 min
 Lab File: BP015912.D
 Acq: 02 Jul 2023 07:47

Instrument :
 BNA_P
 ClientSampleId :
 DCGD6

Tgt Ion:	276	Resp:	93867
Ion Ratio	Lower	Upper	
276	100		
138	23.2	15.1	22.7
277	24.4	18.8	28.2

Manual Integrations
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 Supervised By :mohammad ahmed 07/03/2023

