

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015732.D
 Acq On : 27 Jun 2023 01:13
 Operator : MA/JU
 Sample : 03083-14DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 03:39:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	127146	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	488919	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	294145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	641616	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	644488	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	789484	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.293	99	13143m	1.208	ng/u1	0.06
9) Bis-(2-Chloroethyl)eth...	7.405	67	8018	1.191	ng/u1	0.02
11) 2-Chlorophenol-d4	7.610	132	13275m	1.617	ng/u1	0.02
15) 4-Methylphenol-d8	8.828	113	12029m	1.400	ng/u1	0.04
21) Nitrobenzene-d5	9.287	128	4491m	1.202	ng/u1	0.04
24) 2-Nitrophenol-d4	10.063	143	6507m	1.492	ng/u1	0.09
28) 2,4-Dichlorophenol-d3	10.634	165	11540m	1.485	ng/u1	0.11
31) 4-Chloroaniline-d4	11.128	131	8032m	0.805	ng/u1	0.09
46) Dimethylphthalate-d6	14.134	166	43955	1.933	ng/u1	0.01
49) Acenaphthylene-d8	14.410	160	51903	2.031	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.716	176	41194	2.201	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.575	188	70431m	2.403	ng/u1	0.00
81) Pyrene-d10	19.798	212	82192	1.953	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	90442	2.271	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.781	153	49221	2.521	ng/u1	95
61) Fluorene	15.775	166	44054	2.004	ng/u1	99
72) Phenanthrene	17.516	178	991806	28.454	ng/u1	100
74) Anthracene	17.610	178	236536	6.753	ng/u1	99
80) Fluoranthene	19.474	202	2259400	43.199	ng/u1	100
82) Pyrene	19.827	202	1884347	35.319	ng/u1	99
85) Benzo(a)anthracene	21.545	228	1189802	26.244	ng/u1	98
87) Chrysene	21.604	228	1057281	24.580	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	1512185	29.810	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	495811	9.674	ng/u1	96
93) Benzo(a)pyrene	23.998	252	987534	22.279	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	701612	11.660	ng/u1	99
95) Dibenzo(a,h)anthracene	26.809	278	201020	4.067	ng/u1#	83
96) Benzo(g,h,i)perylene	27.651	276	613415	12.392	ng/u1	99

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

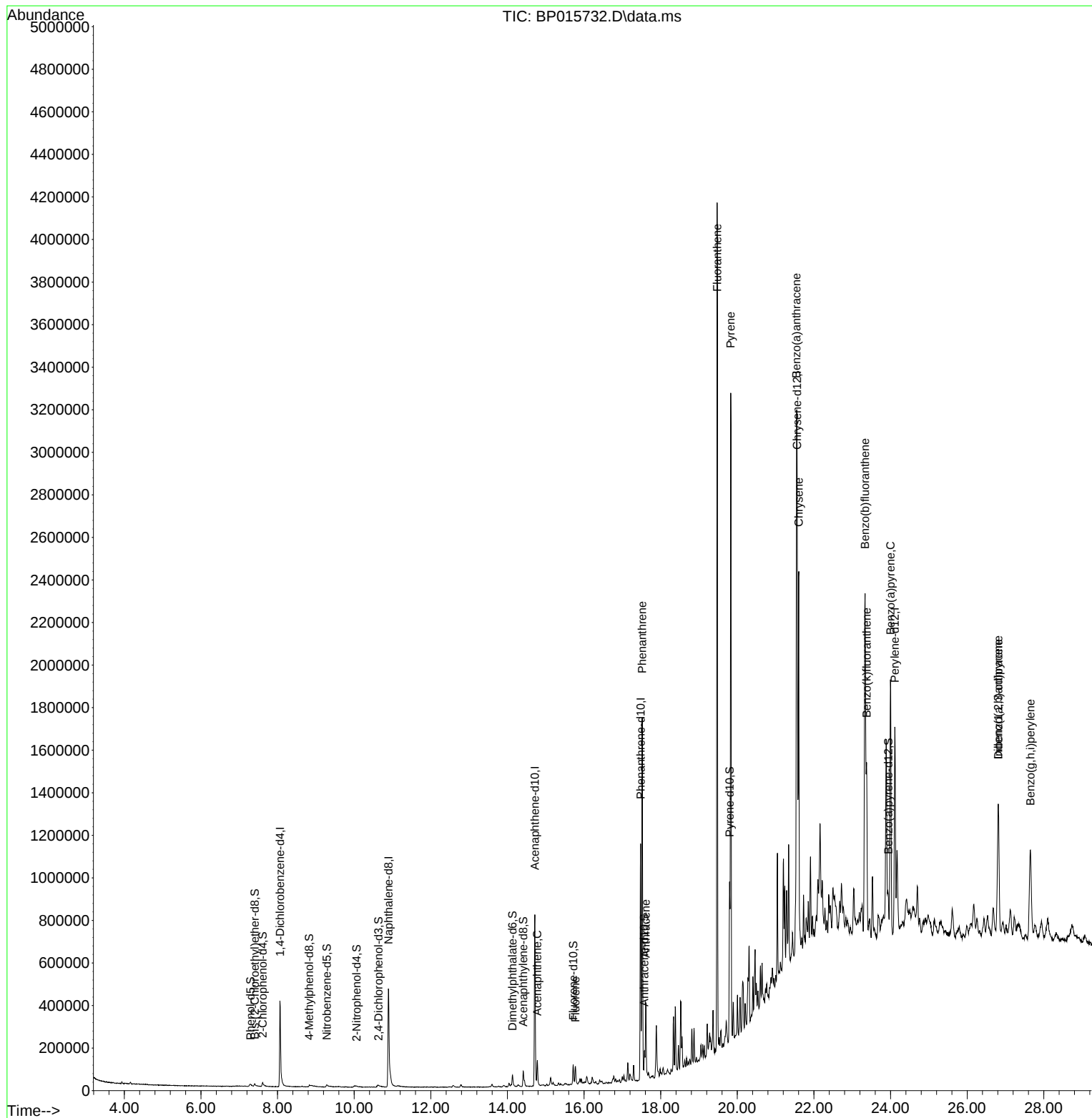
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

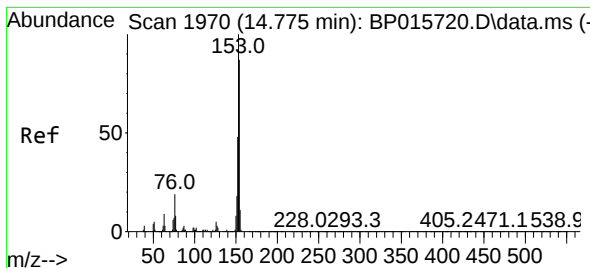
Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Quant Time: Jun 27 03:39:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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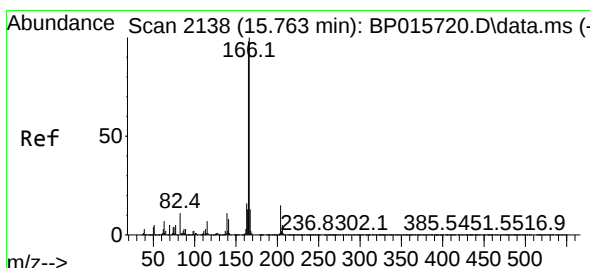
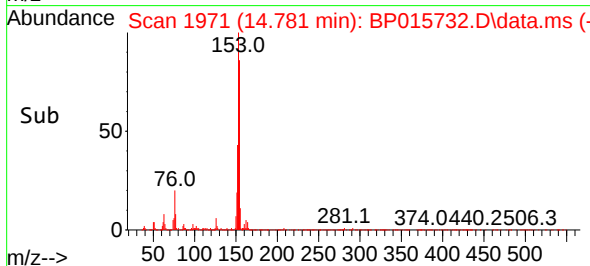
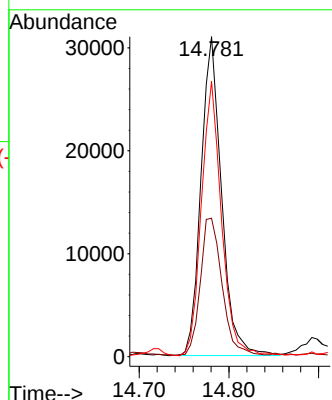
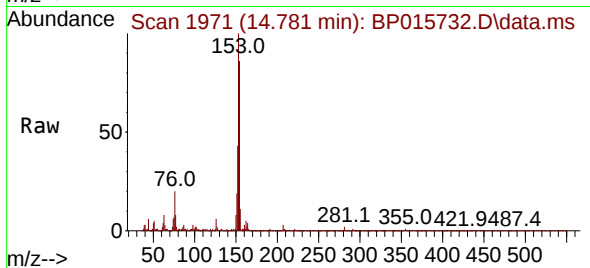
#52
Acenaphthene
Concen: 2.521 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Tgt Ion:153 Resp: 4922
Ion Ratio Lower Upper
153 100
152 43.3 39.4 59.2
154 86.0 71.4 107.2

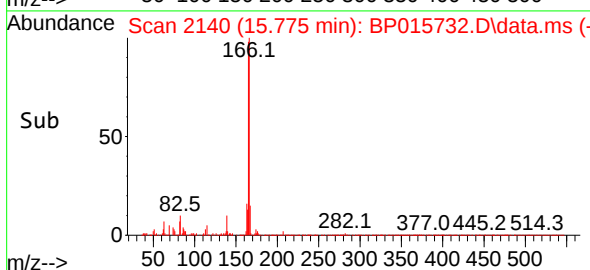
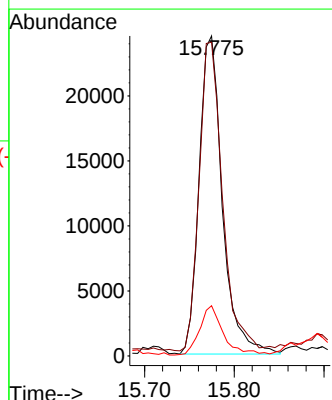
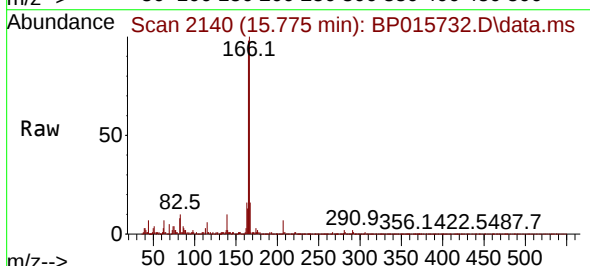
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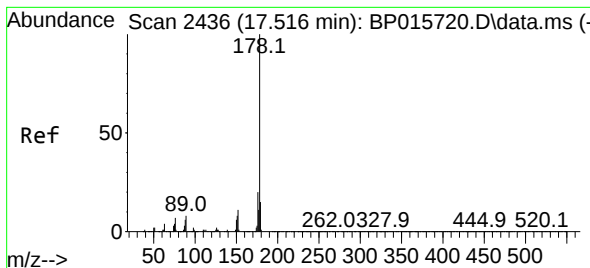
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#61
Fluorene
Concen: 2.004 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

Tgt Ion:166 Resp: 44054
Ion Ratio Lower Upper
166 100
165 98.0 78.7 118.1
167 15.7 10.5 15.7





#72

Phenanthrene

Concen: 28.454 ng/u1

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

Tgt Ion:178 Resp: 991800

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

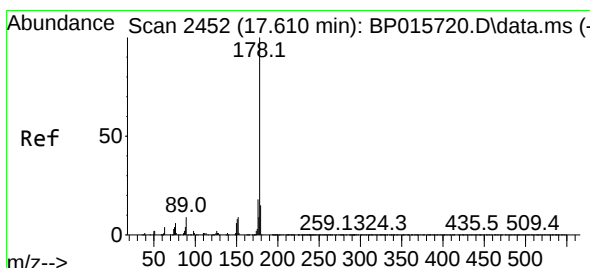
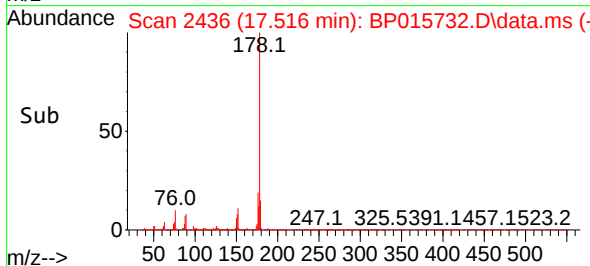
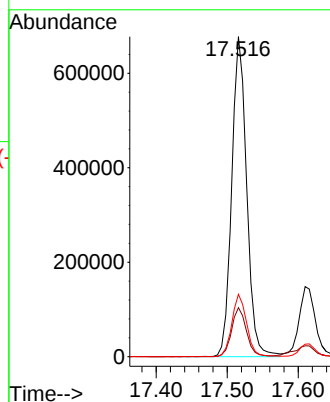
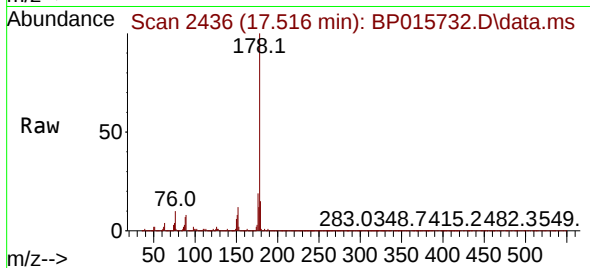
176 19.5 15.6 23.4

Manual Integrations

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#74

Anthracene

Concen: 6.753 ng/u1

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

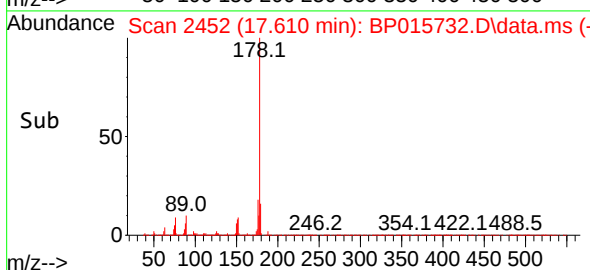
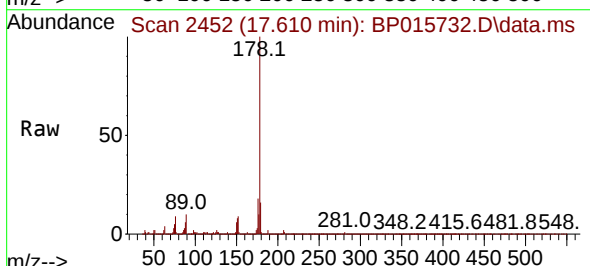
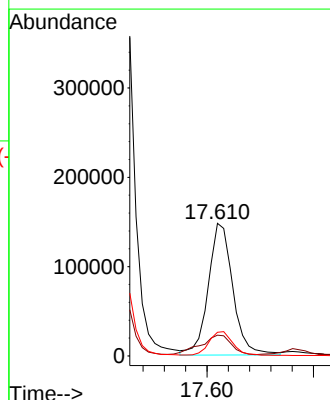
Tgt Ion:178 Resp: 236536

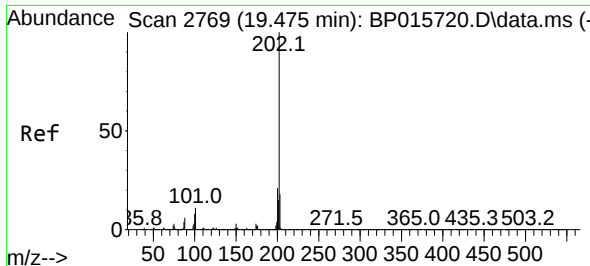
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

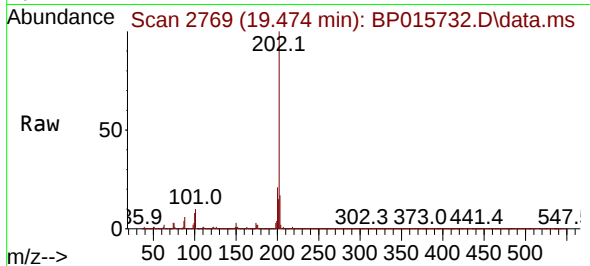
176 17.9 14.6 22.0





#80
Fluoranthene
Concen: 43.199 ng/u1
RT: 19.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

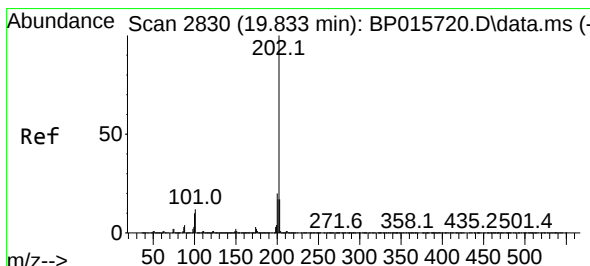
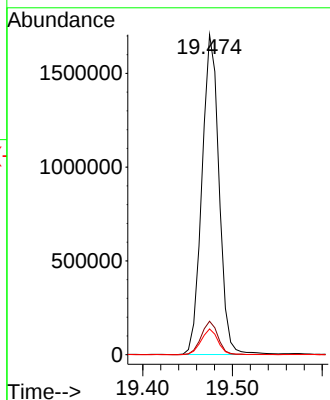
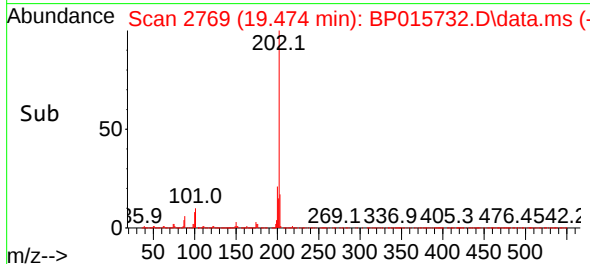
Instrument :
BNA_P
ClientSampleId :
DCFL2DL



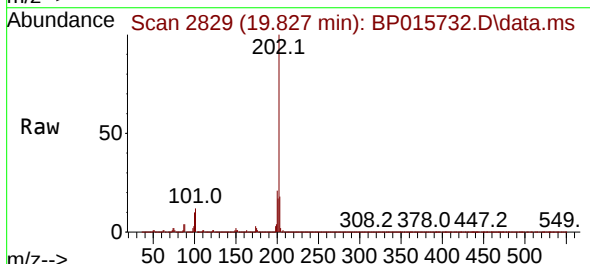
Tgt Ion:202 Resp: 2259400
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 8.1 6.6 9.8

Manual Integrations
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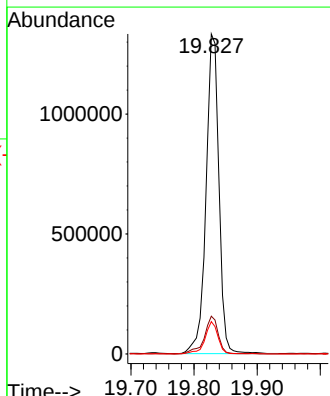
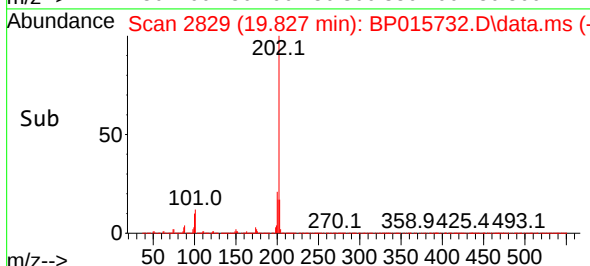
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

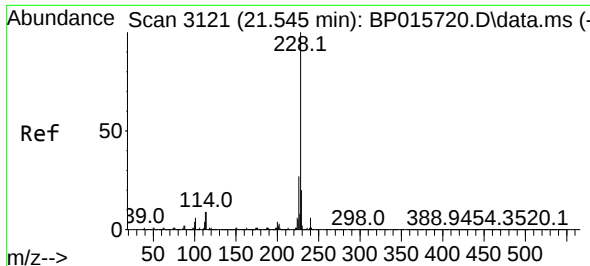


#82
Pyrene
Concen: 35.319 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13



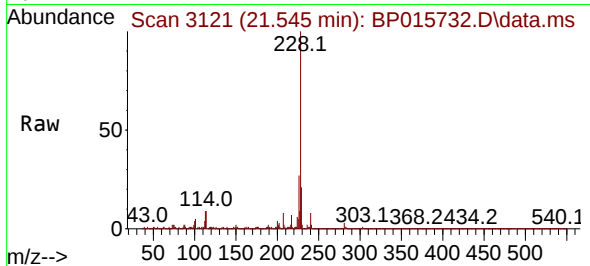
Tgt Ion:202 Resp: 1884347
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 10.1 7.6 11.4





#85
Benzo(a)anthracene
Concen: 26.244 ng/u1
RT: 21.545 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

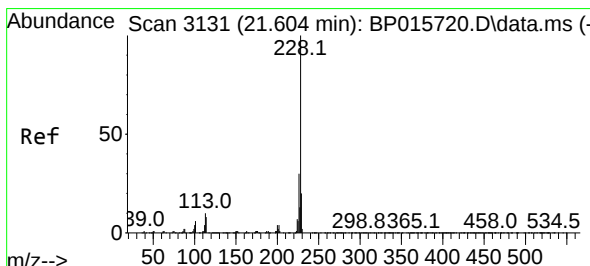
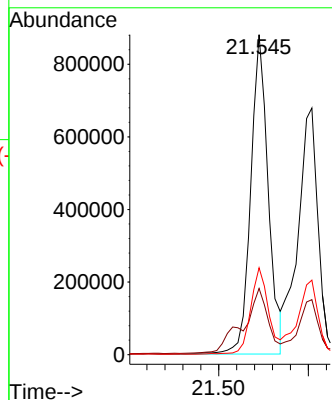
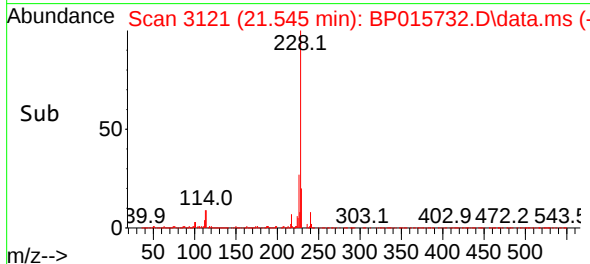
Instrument :
BNA_P
ClientSampleId :
DCFL2DL



Tgt Ion:228 Resp: 118980
Ion Ratio Lower Upper
228 100
229 20.7 15.3 22.9
226 27.2 21.4 32.0

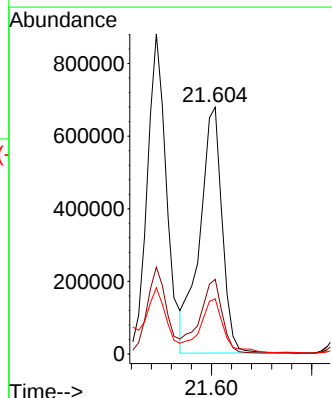
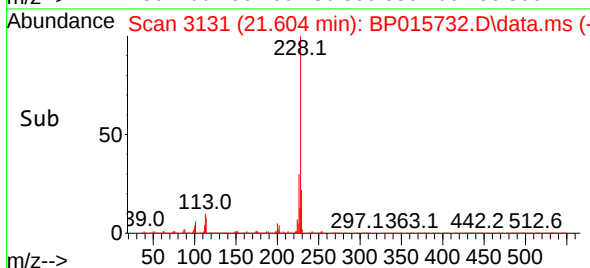
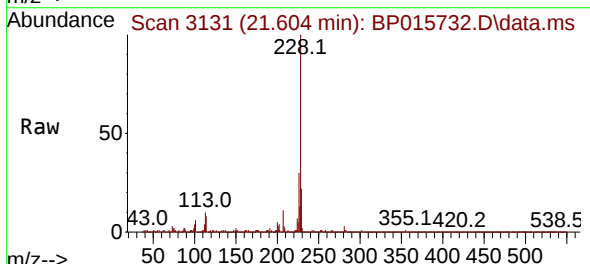
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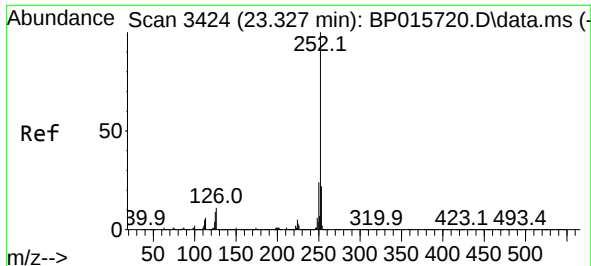
Reviewed By :Yogesh Patel 06/27/2023
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#87
Chrysene
Concen: 24.580 ng/u1
RT: 21.604 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

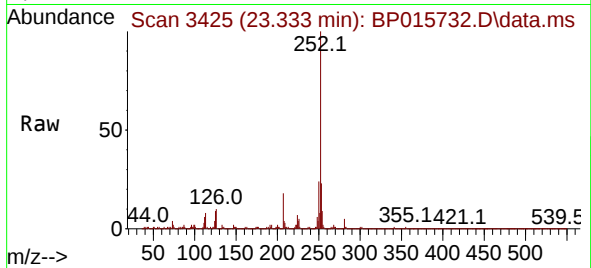
Tgt Ion:228 Resp: 1057281
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 29.810 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

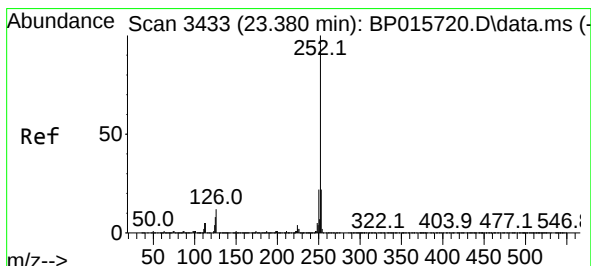
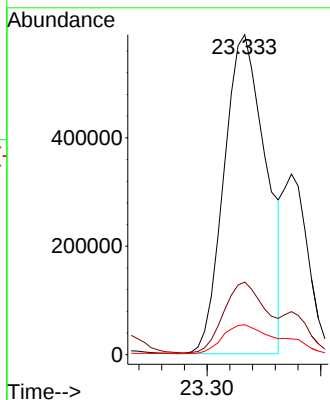
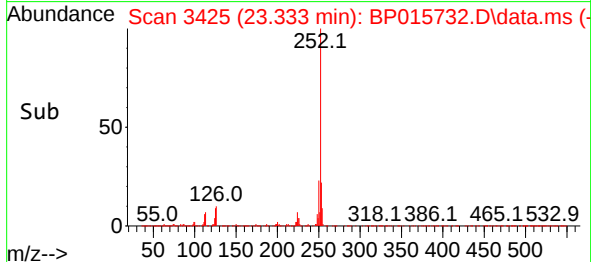
Instrument :
BNA_P
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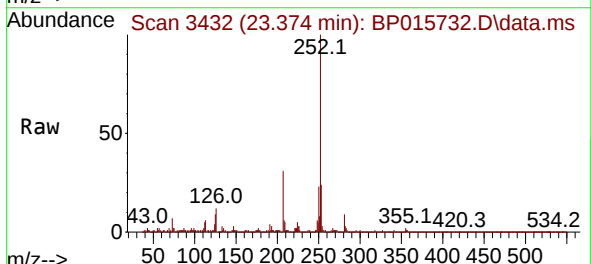
Tgt Ion:252 Resp: 151218
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.4 7.5 11.3

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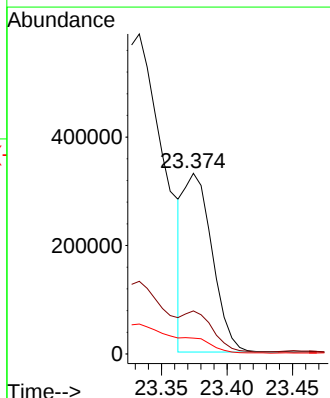
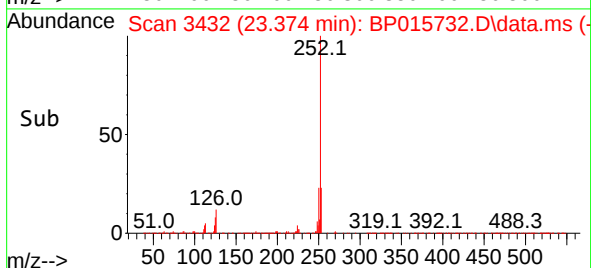
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

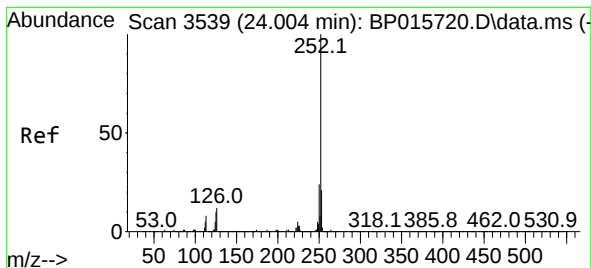


#91
Benzo(k)fluoranthene
Concen: 9.674 ng/ul
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13



Tgt Ion:252 Resp: 495811
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 8.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 22.279 ng/ul

RT: 23.998 min Scan# 3539

Delta R.T. -0.006 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

Tgt Ion:252 Resp: 987534

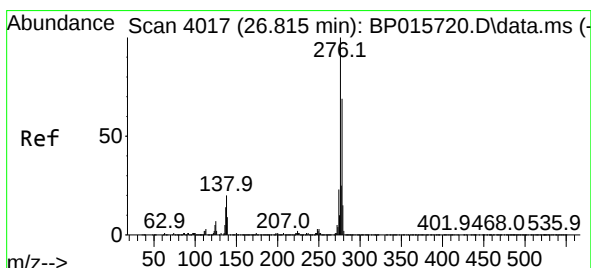
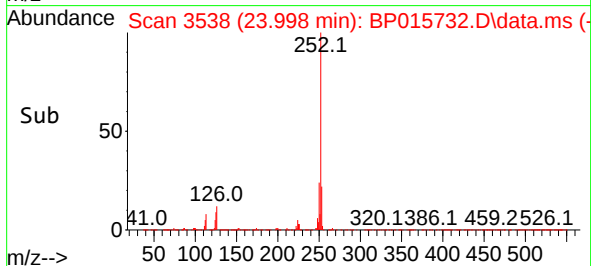
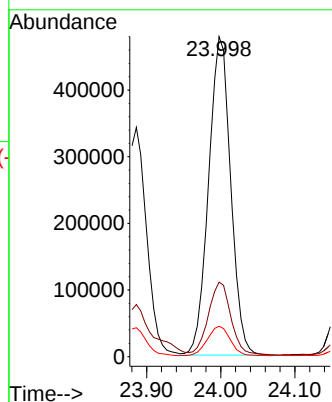
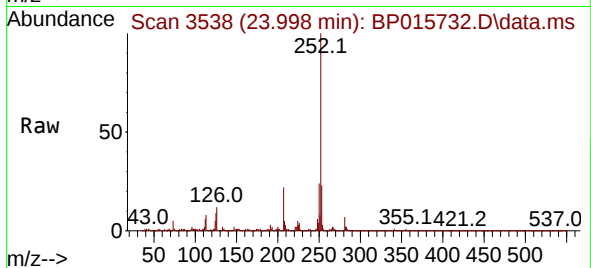
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.5	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.660 ng/ul

RT: 26.809 min Scan# 4016

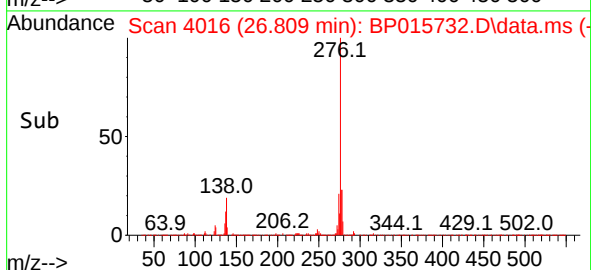
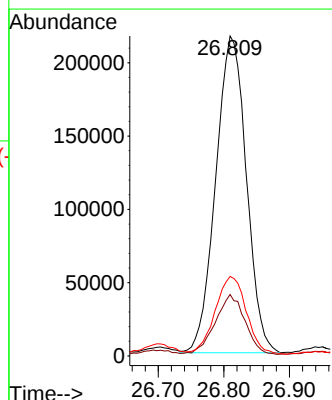
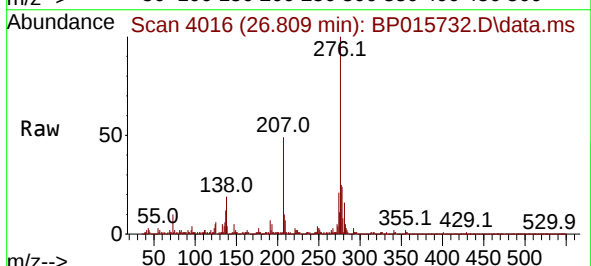
Delta R.T. -0.006 min

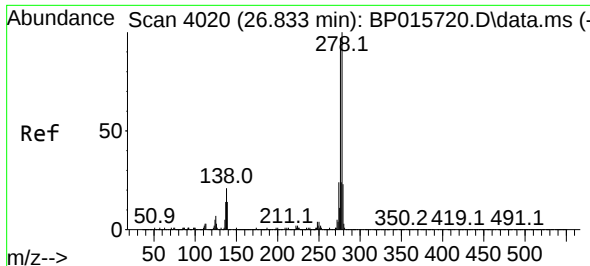
Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Tgt Ion:276 Resp: 701612

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.7	23.5
277	24.9	19.6	29.4





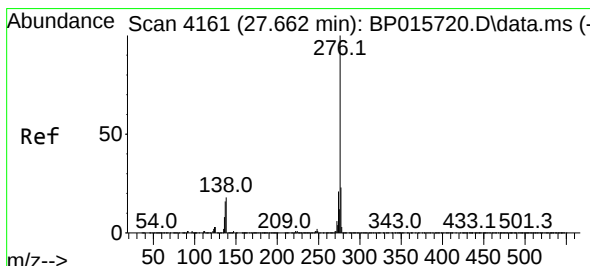
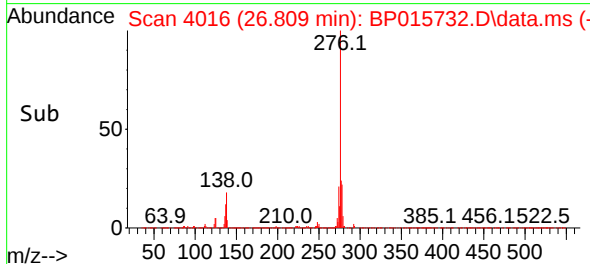
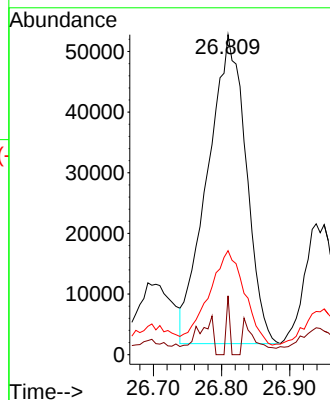
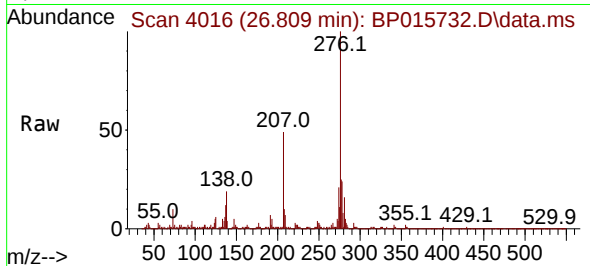
#95
Dibenzo(a,h)anthracene
Concen: 4.067 ng/ul
RT: 26.809 min Scan# 4020
Delta R.T. -0.018 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Tgt Ion:278 Resp: 201020
Ion Ratio Lower Upper
278 100
139 18.4 10.5 15.7
279 32.5 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#96
Benzo(g,h,i)perylene
Concen: 12.392 ng/ul
RT: 27.651 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

Tgt Ion:276 Resp: 613415
Ion Ratio Lower Upper
276 100
138 19.6 15.1 22.7
277 23.6 18.8 28.2

