

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015725.D
 Acq On : 26 Jun 2023 21:16
 Operator : MA/JU
 Sample : 03083-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL0

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 02:59:04 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	172948	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	639687	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	364379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	799008	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	776980	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	978053	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13773	2.865	ng/uL	0.00
4) Pyridine-d5	3.834	84	113773	9.389	ng/u1	0.00
7) Phenol-d5	7.234	99	211522	14.294	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	147226	16.082	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	183312	16.411	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	154373	13.206	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	82614	16.899	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	94642	16.587	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	150320	14.784	ng/u1	0.02
31) 4-Chloroaniline-d4	11.069	131	89411	6.846	ng/u1	0.03
46) Dimethylphthalate-d6	14.122	166	511578	18.164	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	582312	18.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	47341	12.738	ng/u1	0.03
60) Fluorene-d10	15.710	176	436615	18.828	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	64770	13.181	ng/u1	0.00
73) Anthracene-d10	17.575	188	653200	17.897	ng/u1	0.00
81) Pyrene-d10	19.804	212	814189	16.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	900175	18.245	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.945	128	86082	2.475	ng/u1	100
36) 2-Methylnaphthalene	12.563	142	28369	1.239	ng/u1	99
37) 1-Methylnaphthalene	12.775	142	27335	1.171	ng/u1#	85
50) Acenaphthylene	14.439	152	44953	1.289	ng/u1	96
52) Acenaphthene	14.775	153	173182	7.159	ng/u1	97
61) Fluorene	15.763	166	154502	5.672	ng/u1	99
72) Phenanthrene	17.516	178	3064579	70.602	ng/u1	100
74) Anthracene	17.610	178	683219	15.664	ng/u1	99
80) Fluoranthene	19.480	202	5849393	92.768	ng/u1	99
82) Pyrene	19.833	202	4662362	72.487	ng/u1	100
85) Benzo(a)anthracene	21.551	228	3004603	54.972	ng/u1	98
87) Chrysene	21.610	228	2852763	55.013	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	4114584	65.473	ng/u1	98
91) Benzo(k)fluoranthene	23.386	252	1503134m	23.673	ng/u1	
93) Benzo(a)pyrene	24.009	252	2762218	50.302	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	2187335	29.343	ng/u1	97
95) Dibenzo(a,h)anthracene	26.827	278	629991	10.289	ng/u1#	79
96) Benzo(g,h,i)perylene	27.674	276	1959735	31.956	ng/u1	97

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

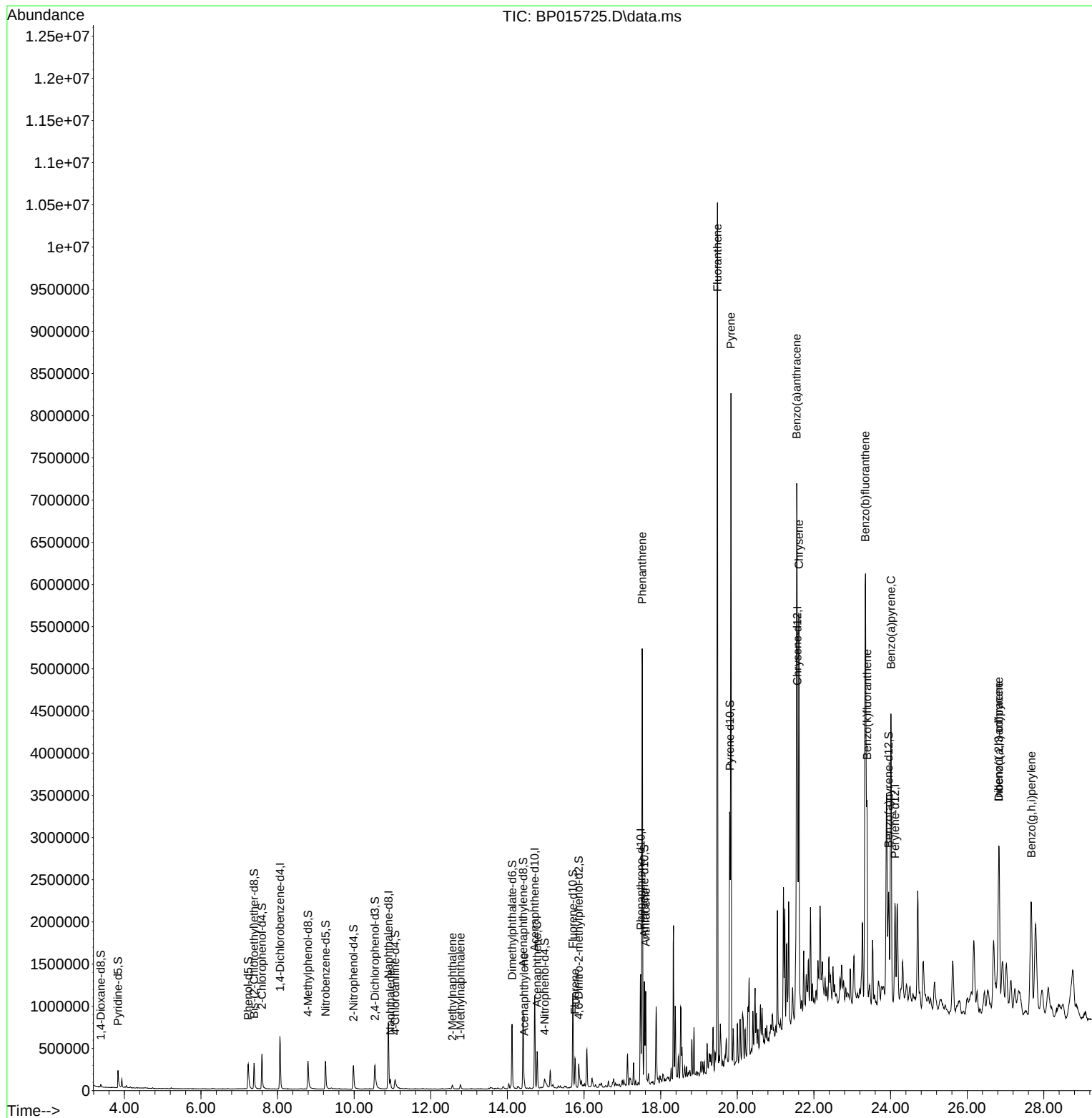
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
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ALS Vial : 15 Sample Multiplier: 1

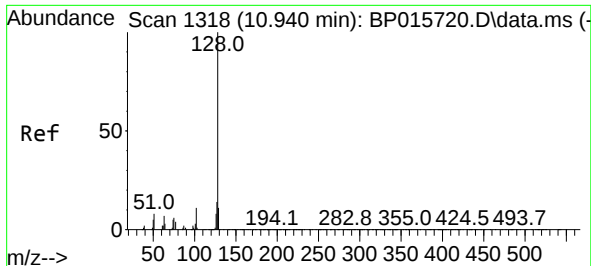
Instrument :
BNA_P
ClientSampleId :
DCFL0

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 02:59:04 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





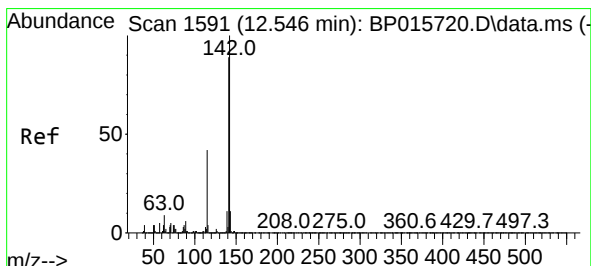
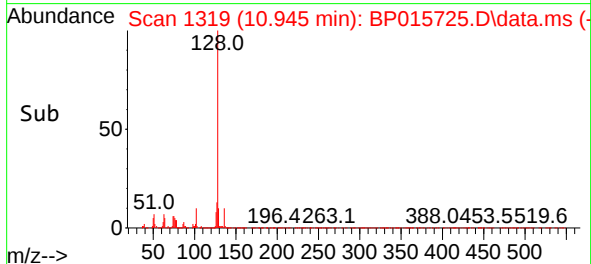
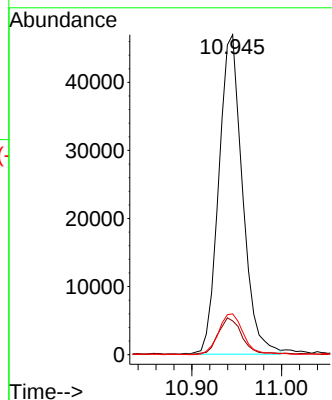
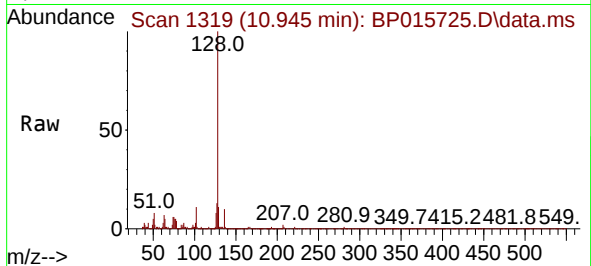
#30
Naphthalene
Concen: 2.475 ng/ul
RT: 10.945 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:128 Resp: 8608
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.7 10.3 15.5

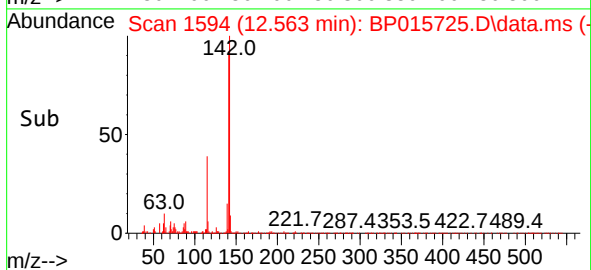
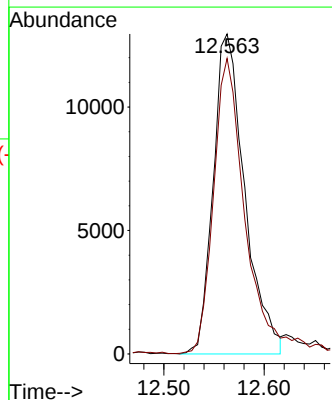
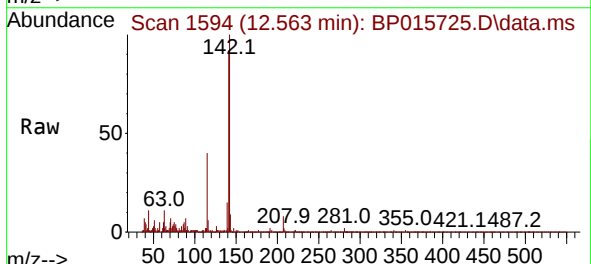
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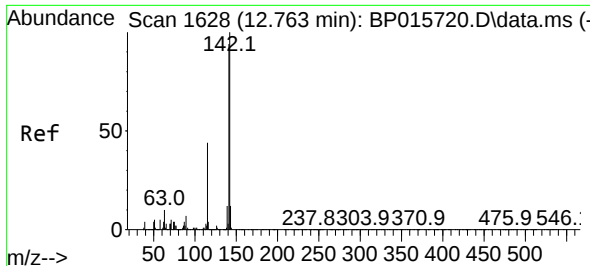
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#36
2-Methylnaphthalene
Concen: 1.239 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. 0.018 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

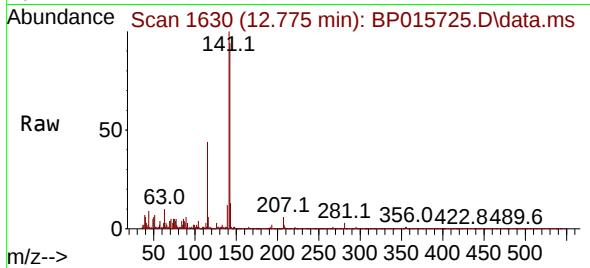
Tgt Ion:142 Resp: 28369
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8





#37
1-Methylnaphthalene
Concen: 1.171 ng/ul
RT: 12.775 min Scan# 1630
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

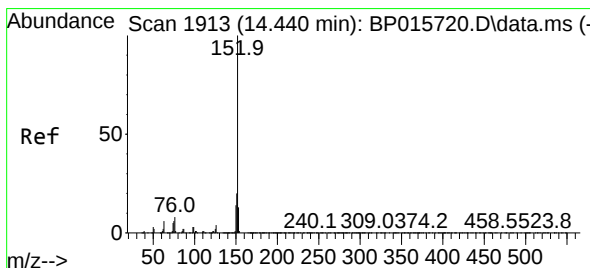
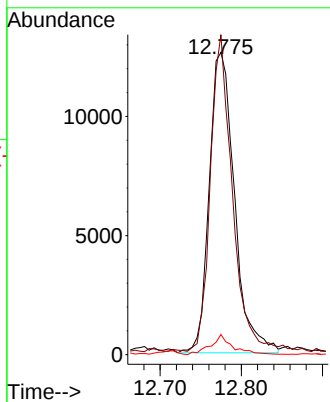
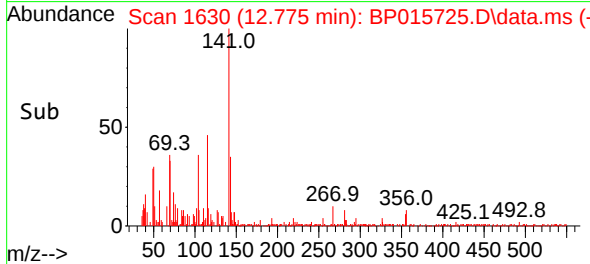
Instrument :
BNA_P
ClientSampleId :
DCFL0



Tgt Ion:142 Resp: 2733
Ion Ratio Lower Upper
142 100
141 105.8 73.1 109.7
116 6.7 4.0 6.0

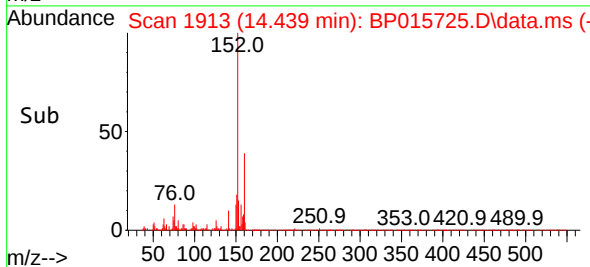
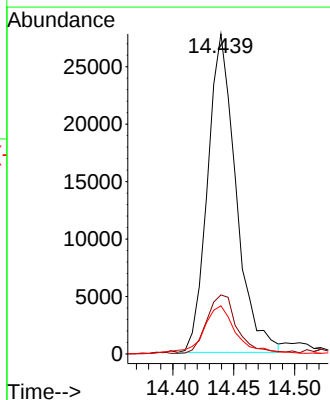
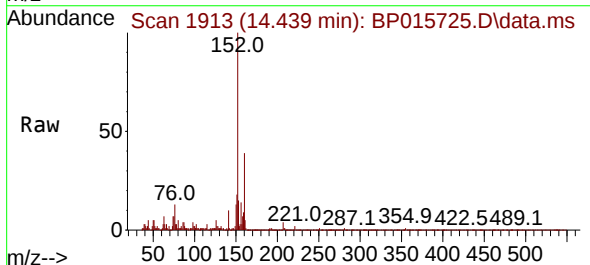
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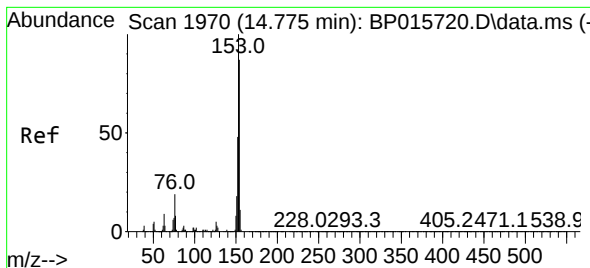
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#50
Acenaphthylene
Concen: 1.289 ng/ul
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

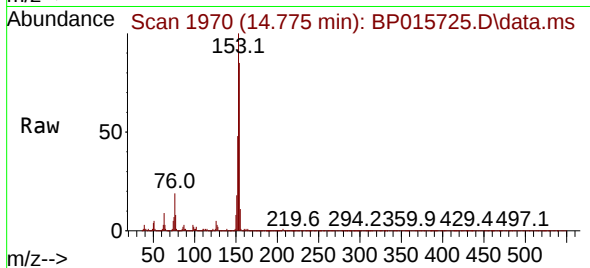
Tgt Ion:152 Resp: 44953
Ion Ratio Lower Upper
152 100
151 18.5 16.2 24.2
153 15.0 10.5 15.7





#52
Acenaphthene
Concen: 7.159 ng/ul
RT: 14.775 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

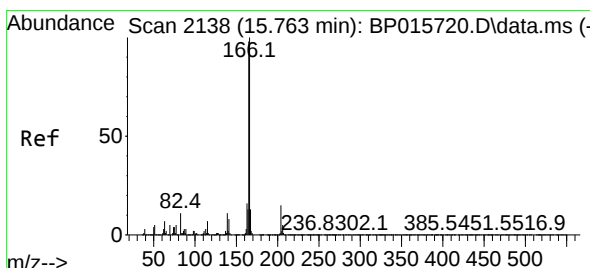
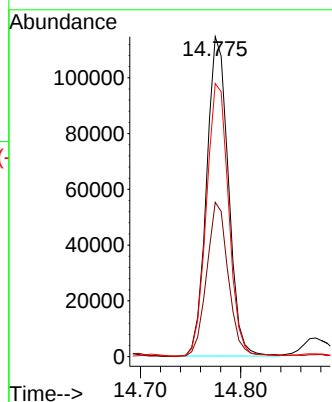
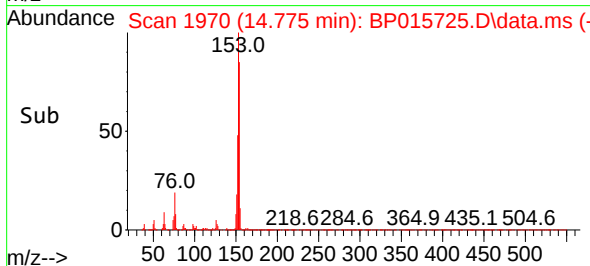
Instrument :
BNA_P
ClientSampleId :
DCFL0



Tgt Ion:153 Resp: 17318
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.2
154 85.4 71.4 107.2

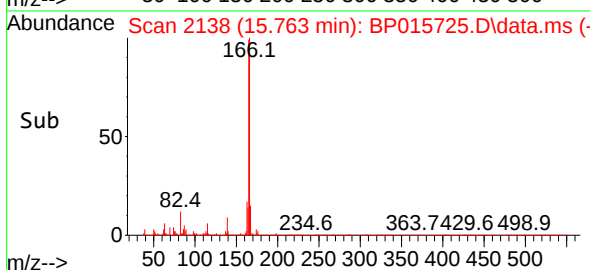
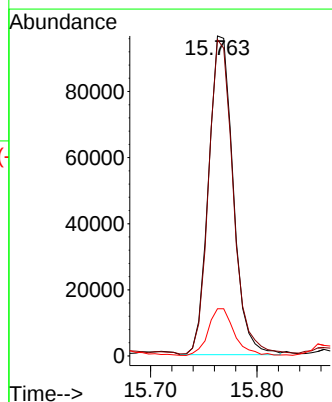
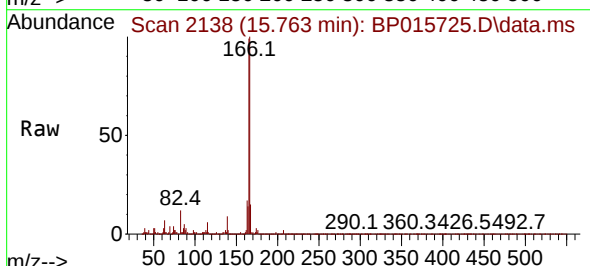
Manual Integrations
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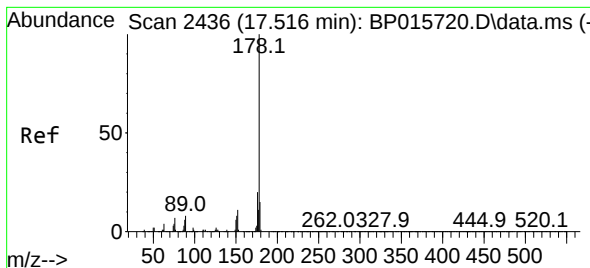
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#61
Fluorene
Concen: 5.672 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:166 Resp: 154502
Ion Ratio Lower Upper
166 100
165 98.9 78.7 118.1
167 14.8 10.5 15.7





#72

Phenanthrene

Concen: 70.602 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP015725.D

Acq: 26 Jun 2023 21:16

Instrument :

BNA_P

ClientSampleId :

DCFL0

Tgt Ion:178 Resp: 3064579

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

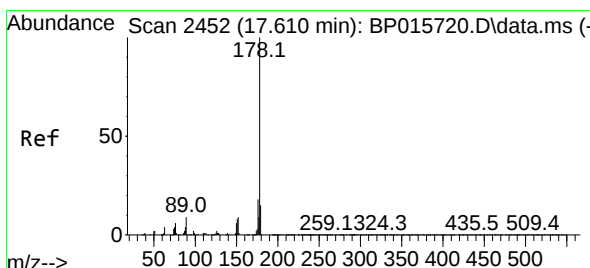
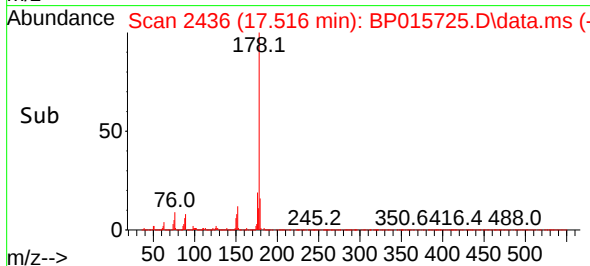
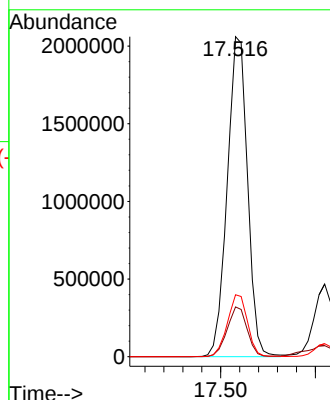
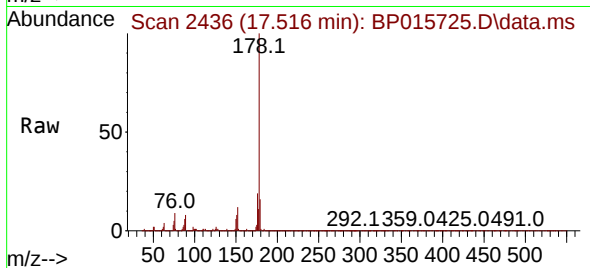
176 19.4 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#74

Anthracene

Concen: 15.664 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP015725.D

Acq: 26 Jun 2023 21:16

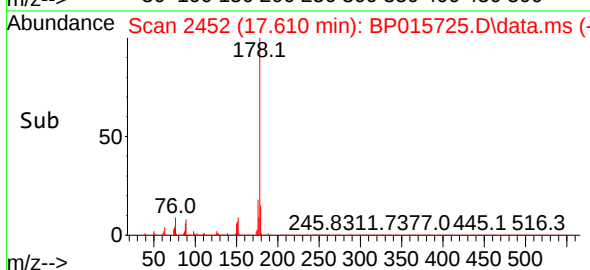
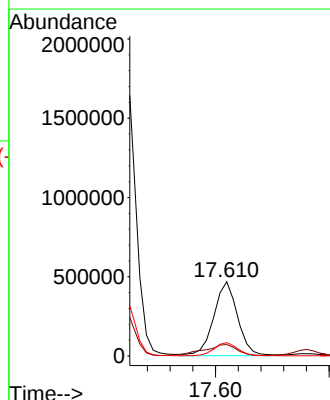
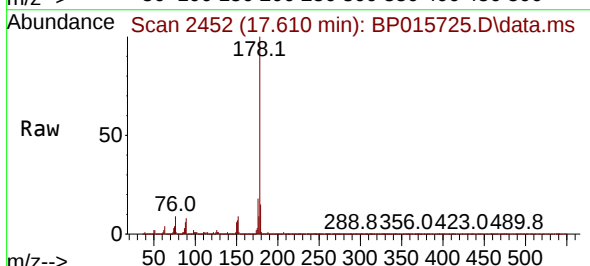
Tgt Ion:178 Resp: 683219

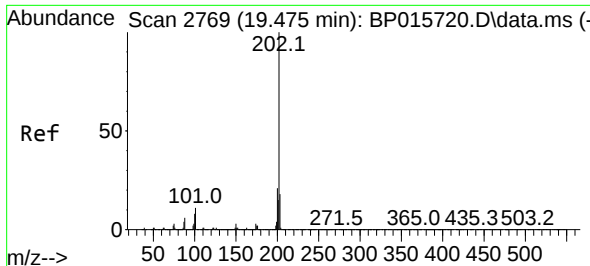
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

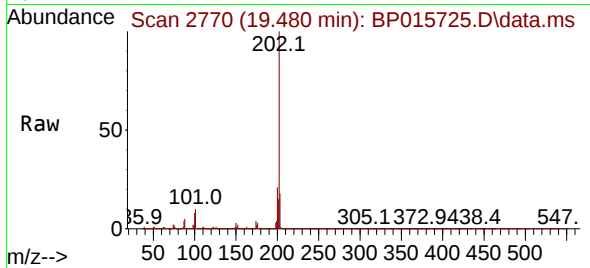
176 17.8 14.6 22.0





#80
Fluoranthene
Concen: 92.768 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

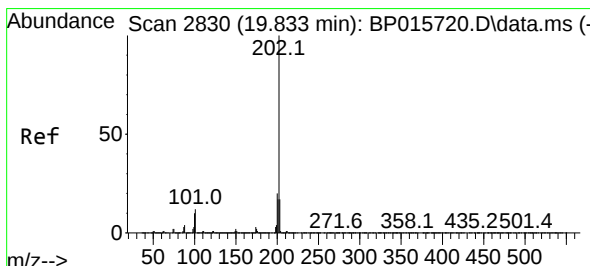
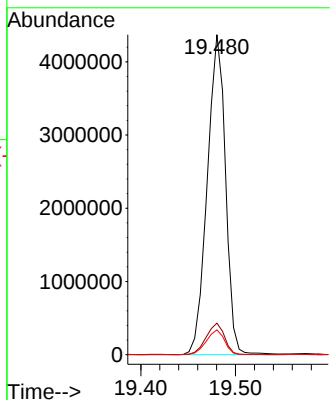
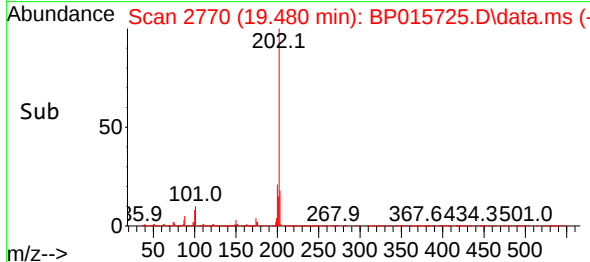
Instrument :
BNA_P
ClientSampleId :
DCFL0



Tgt Ion:202 Resp: 584939
Ion Ratio Lower Upper
202 100
101 9.9 8.3 12.5
100 7.7 6.6 9.8

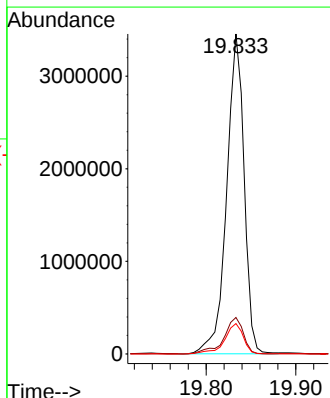
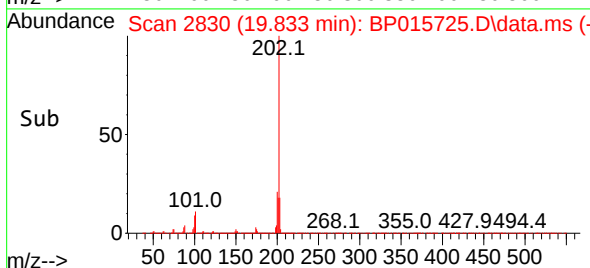
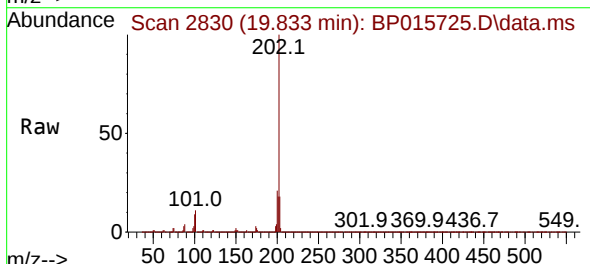
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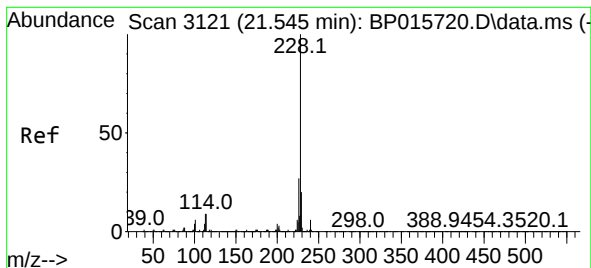
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 72.487 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:202 Resp: 4662362
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.5 7.6 11.4





#85

Benzo(a)anthracene

Concen: 54.972 ng/ul

RT: 21.551 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP015725.D

Acq: 26 Jun 2023 21:16

Instrument :

BNA_P

ClientSampleId :

DCFL0

Tgt Ion:228 Resp: 300460

Ion Ratio Lower Upper

228 100

229 20.7 15.3 22.9

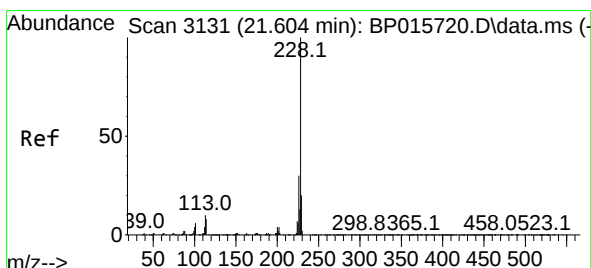
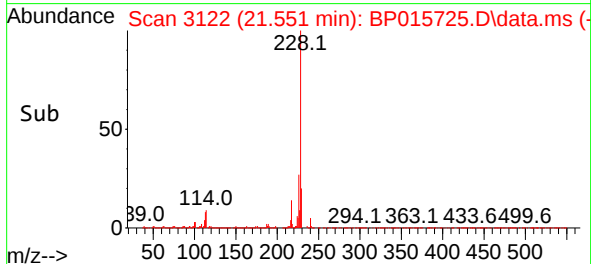
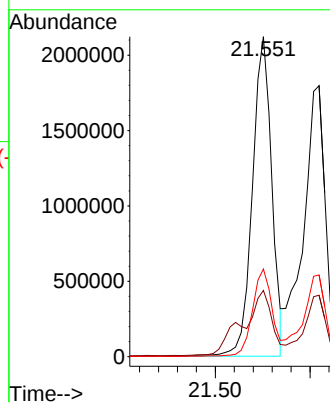
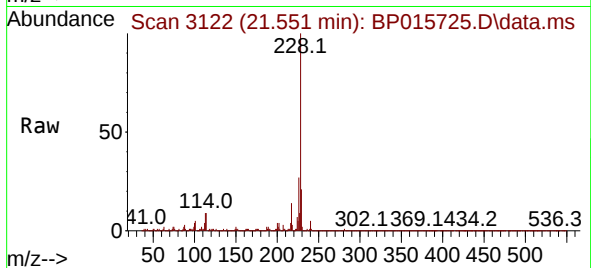
226 27.4 21.4 32.0

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#87

Chrysene

Concen: 55.013 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BP015725.D

Acq: 26 Jun 2023 21:16

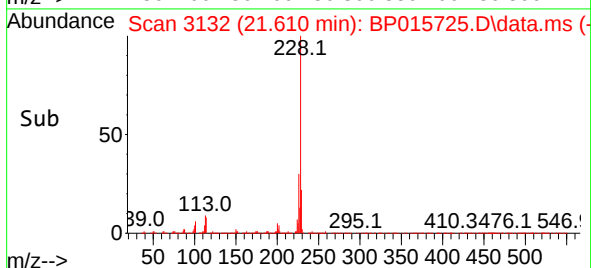
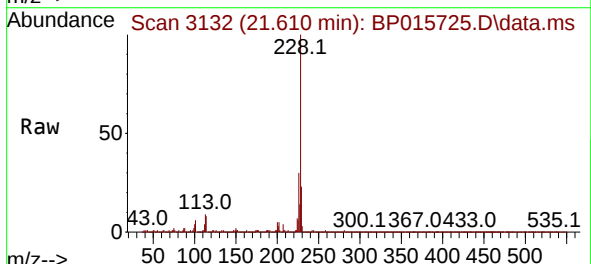
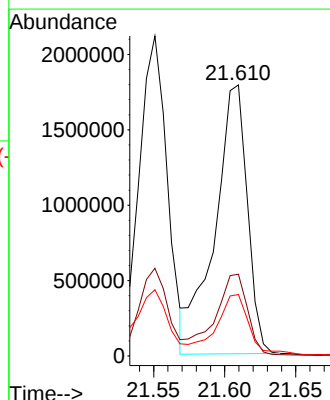
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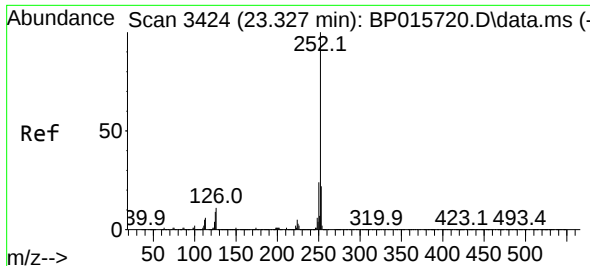
Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

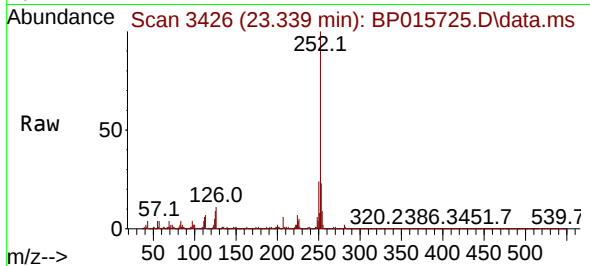
229 22.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 65.473 ng/ul
RT: 23.339 min Scan# 3424
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

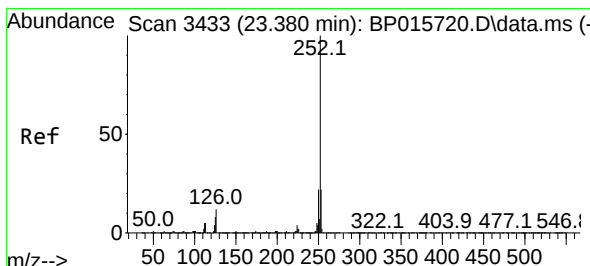
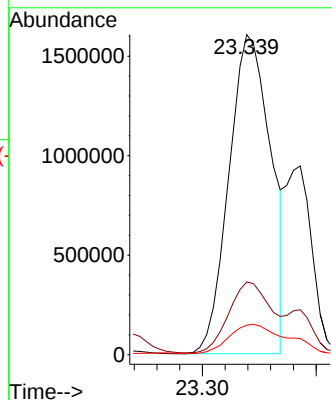
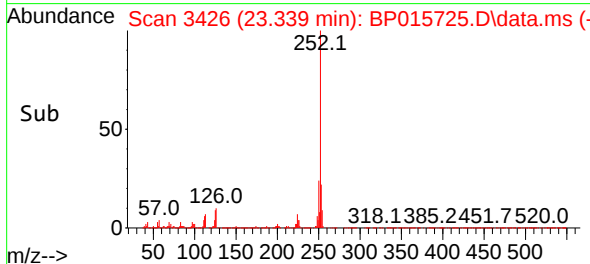
Instrument :
BNA_P
ClientSampleId :
DCFL0



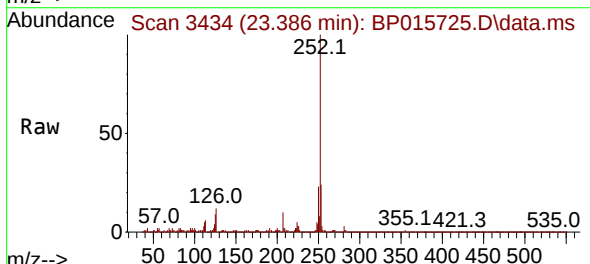
Tgt Ion:252 Resp: 4114584
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.2 7.5 11.3

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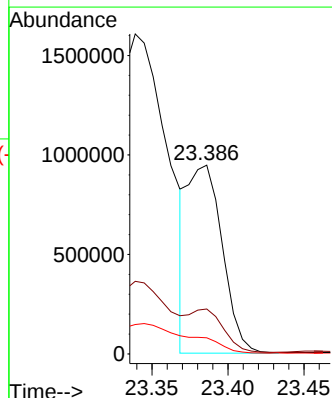
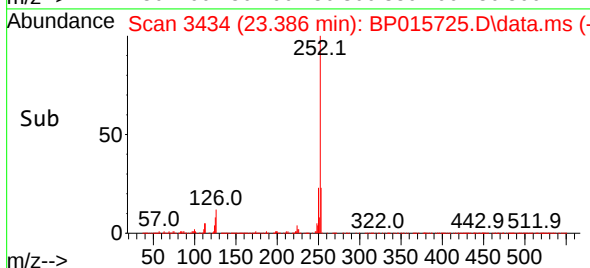
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

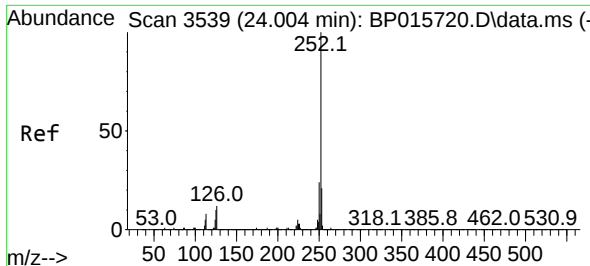


#91
Benzo(k)fluoranthene
Concen: 23.673 ng/ul m
RT: 23.386 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16



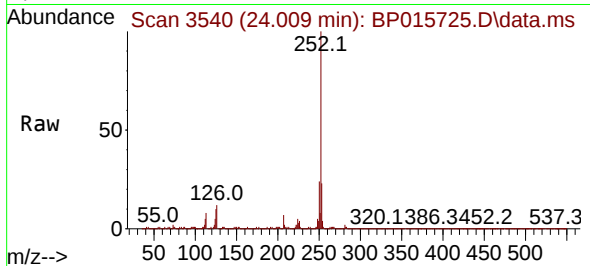
Tgt Ion:252 Resp: 1503134
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 8.6 7.3 10.9





#93
Benzo(a)pyrene
Concen: 50.302 ng/ul
RT: 24.009 min Scan# 3540
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

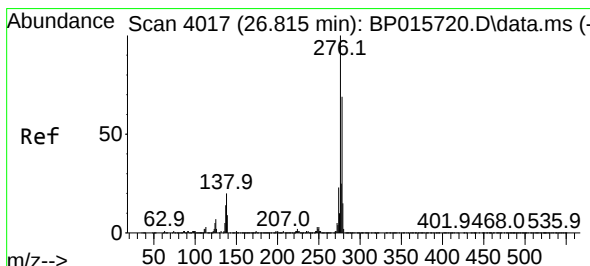
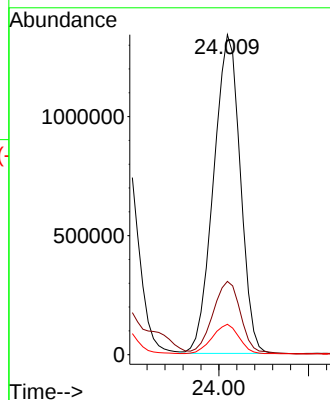
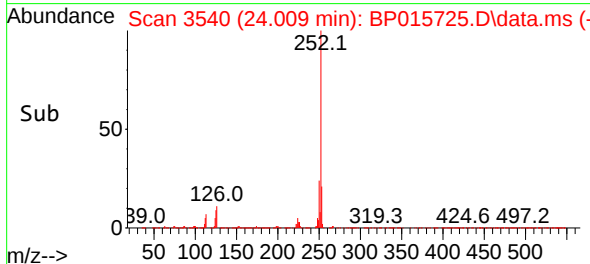
Instrument :
BNA_P
ClientSampleId :
DCFL0



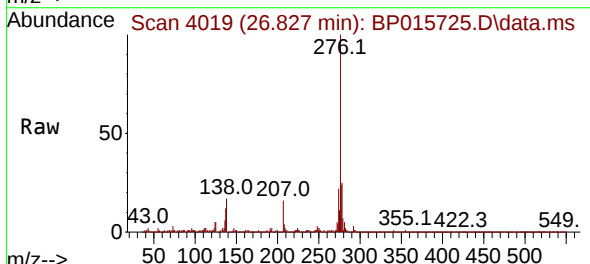
Tgt Ion:252 Resp: 2762218
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.5 8.2 12.2

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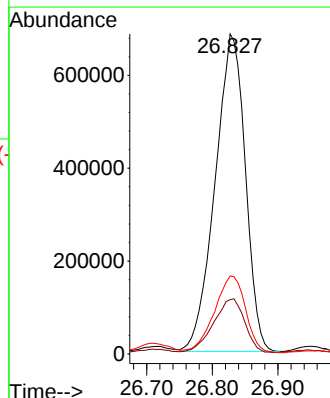
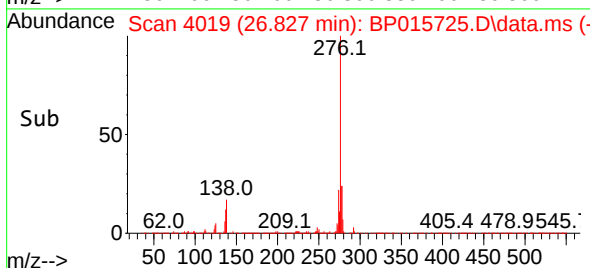
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

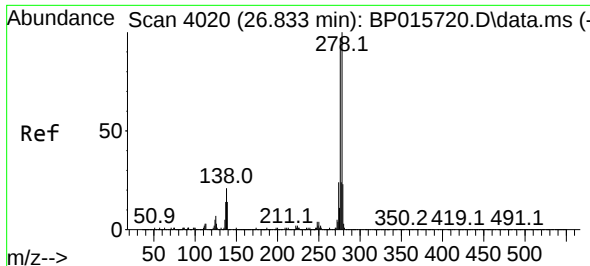


#94
Indeno(1,2,3-cd)pyrene
Concen: 29.343 ng/ul
RT: 26.827 min Scan# 4019
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16



Tgt Ion:276 Resp: 2187335
Ion Ratio Lower Upper
276 100
138 16.9 15.7 23.5
277 24.4 19.6 29.4





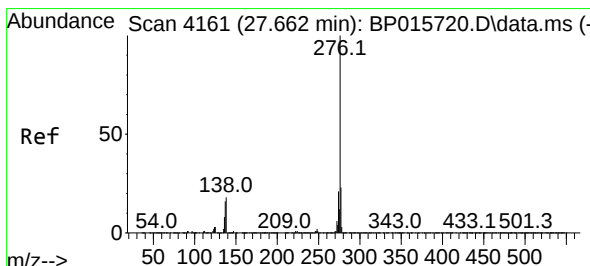
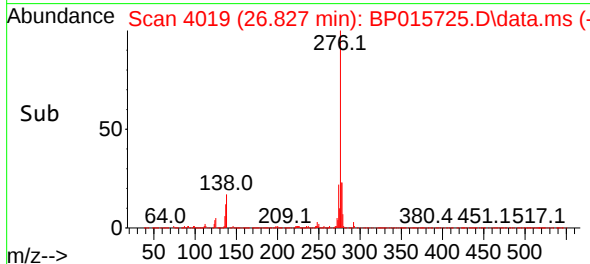
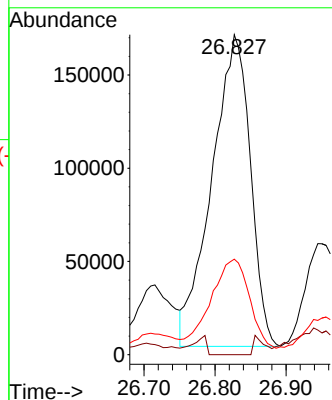
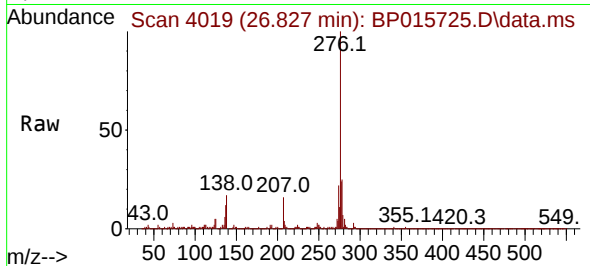
#95
Dibenzo(a,h)anthracene
Concen: 10.289 ng/ul
RT: 26.827 min Scan# 4020
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:278 Resp: 62999
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 29.8 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: 31.956 ng/ul
RT: 27.674 min Scan# 4163
Delta R.T. 0.018 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:276 Resp: 1959735
Ion Ratio Lower Upper
276 100
138 16.8 15.1 22.7
277 24.1 18.8 28.2

