

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015707.D
 Acq On : 24 Jun 2023 14:02
 Operator : MA/JU
 Sample : 03085-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 23:31:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	178177	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	712936	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	409914	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	804889	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	721434	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	882909	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4370m	0.908	ng/uL	0.00
4) Pyridine-d5	3.852	84	34475	2.758	ng/u1	0.01
7) Phenol-d5	7.258	99	59591	3.630	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.405	67	42368	4.322	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	52775	4.434	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	34452	2.557	ng/u1	0.01
21) Nitrobenzene-d5	9.269	128	23944	4.278	ng/u1	0.01
24) 2-Nitrophenol-d4	9.999	143	27533	4.307	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.569	165	43501	3.731	ng/u1	0.04
31) 4-Chloroaniline-d4	11.099	131	49936m	2.984	ng/u1	0.05
46) Dimethylphthalate-d6	14.140	166	163155	5.047	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	182797	5.172	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	14874m	2.570	ng/u1	0.06
60) Fluorene-d10	15.728	176	133257	4.889	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.893	200	12819m	2.514	ng/u1	0.03
73) Anthracene-d10	17.592	188	190194	5.194	ng/u1	0.00
81) Pyrene-d10	19.816	212	221012	5.724	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	230649	5.206	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.793	153	28987	1.071	ng/u1	98
61) Fluorene	15.787	166	37232	1.191	ng/u1	98
72) Phenanthrene	17.534	178	673770	15.599	ng/u1	99
74) Anthracene	17.628	178	167860	3.830	ng/u1	99
80) Fluoranthene	19.492	202	1177241	25.030	ng/u1	99
82) Pyrene	19.845	202	903949	18.577	ng/u1	99
85) Benzo(a)anthracene	21.563	228	523706	10.384	ng/u1	98
87) Chrysene	21.622	228	472017	9.902	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	644363	11.306	ng/u1	99
91) Benzo(k)fluoranthene	23.398	252	215592m	3.913	ng/u1	
93) Benzo(a)pyrene	24.022	252	413453	8.321	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	310313	4.826	ng/u1	96
95) Dibenzo(a,h)anthracene	26.857	278	86541	1.652	ng/u1#	72
96) Benzo(g,h,i)perylene	27.692	276	266465	5.028	ng/u1	96

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

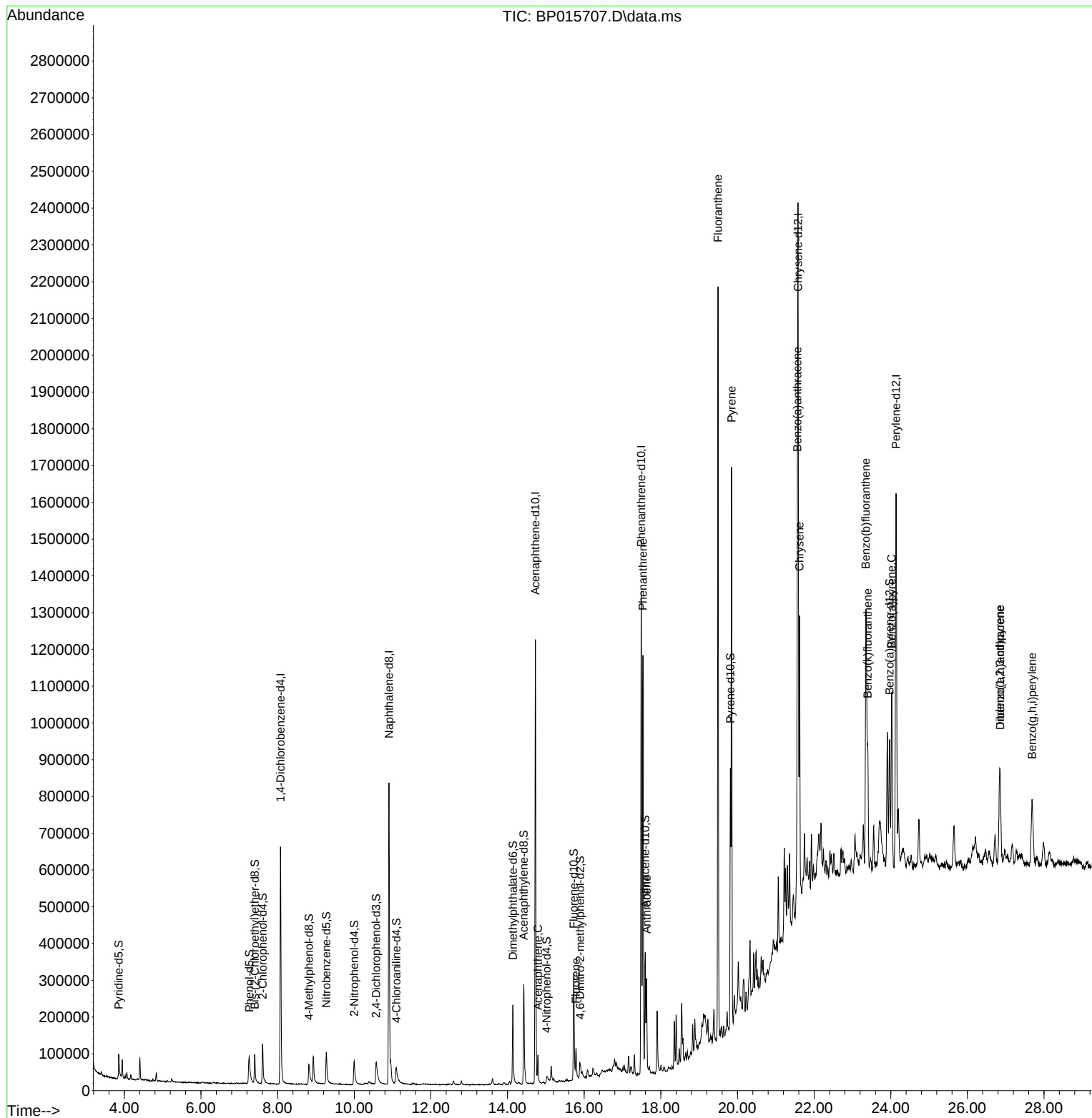
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

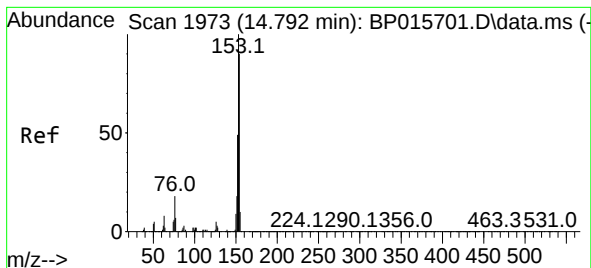
Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Time: Jun 24 23:31:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

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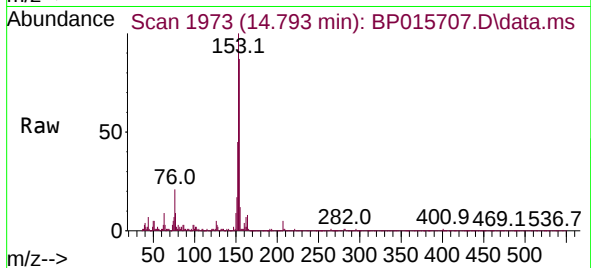
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#52
Acenaphthene
Concen: 1.071 ng/ul
RT: 14.793 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

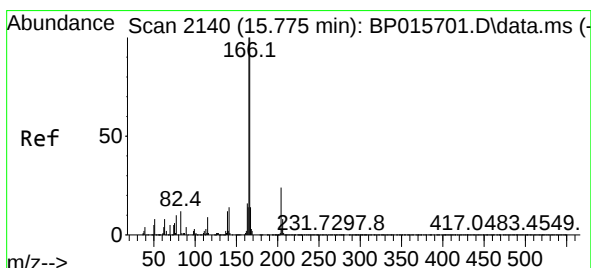
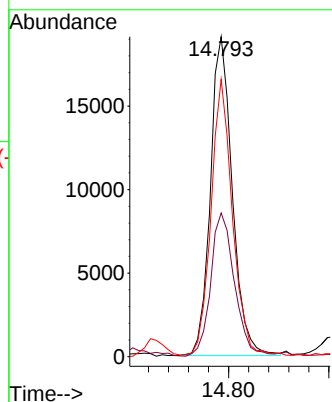
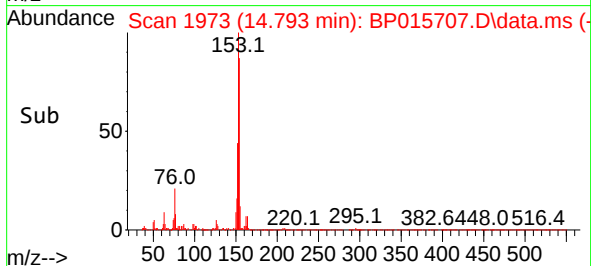
Instrument :
BNA_P
ClientSampleId :
DCFQ8



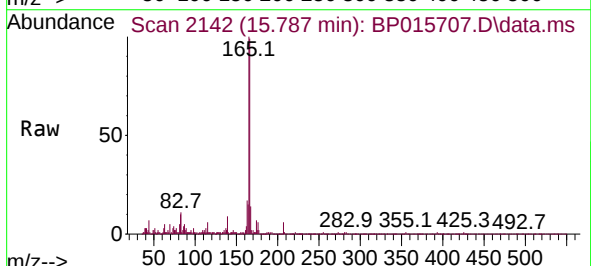
Tgt Ion:153 Resp: 2898
Ion Ratio Lower Upper
153 100
152 44.9 38.3 57.5
154 86.6 69.8 104.6

Manual Integrations
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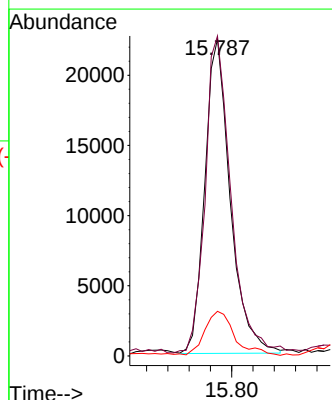
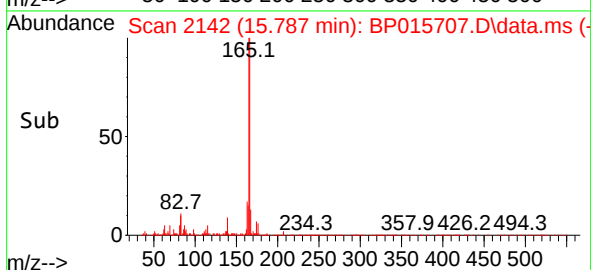
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

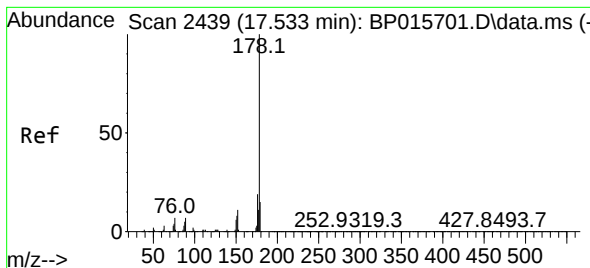


#61
Fluorene
Concen: 1.191 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02



Tgt Ion:166 Resp: 37232
Ion Ratio Lower Upper
166 100
165 100.9 79.1 118.7
167 14.1 10.6 16.0





#72

Phenanthrene

Concen: 15.599 ng/u1

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015707.D

Acq: 24 Jun 2023 14:02

Instrument :

BNA_P

ClientSampleId :

DCFQ8

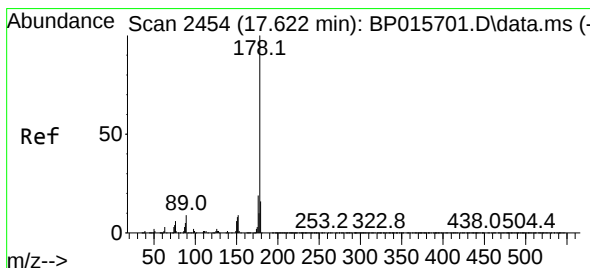
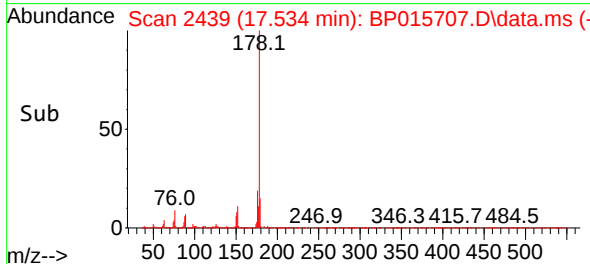
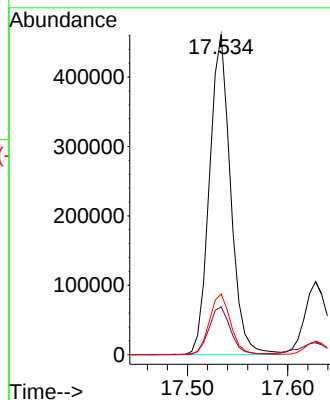
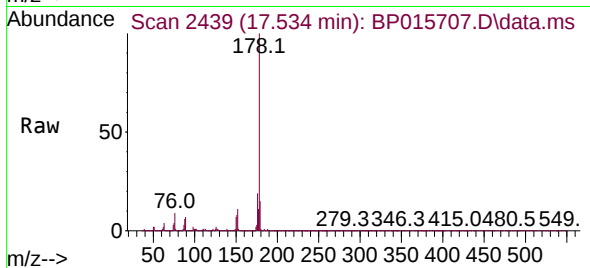
Tgt Ion:	178	Resp:	673770
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.3	18.5
176	18.9	15.4	23.0

Manual Integrations

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#74

Anthracene

Concen: 3.830 ng/u1

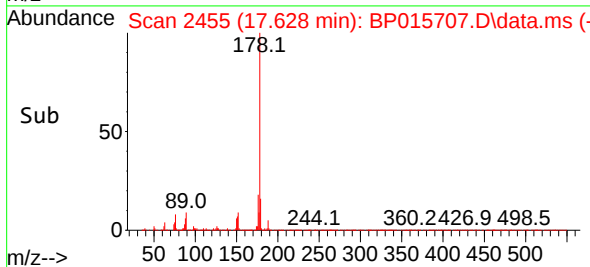
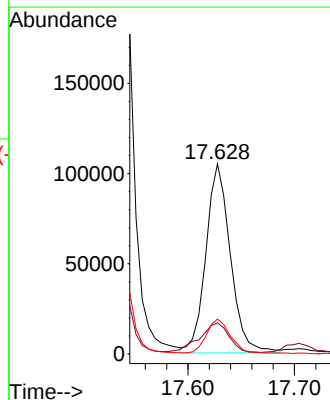
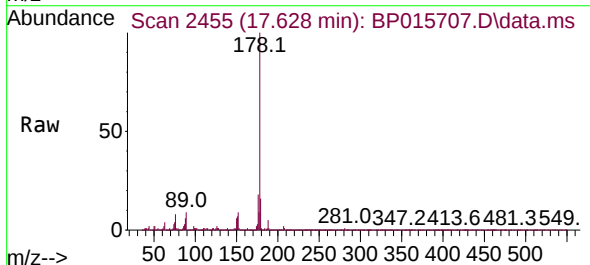
RT: 17.628 min Scan# 2455

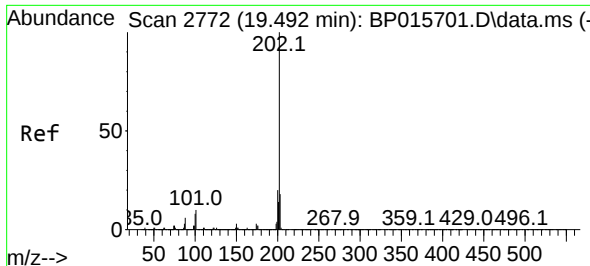
Delta R.T. 0.000 min

Lab File: BP015707.D

Acq: 24 Jun 2023 14:02

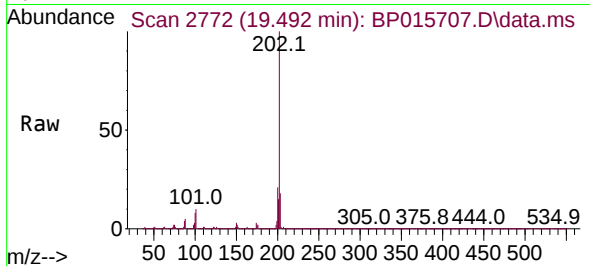
Tgt Ion:	178	Resp:	167860
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	18.3	15.0	22.4





#80
Fluoranthene
Concen: 25.030 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

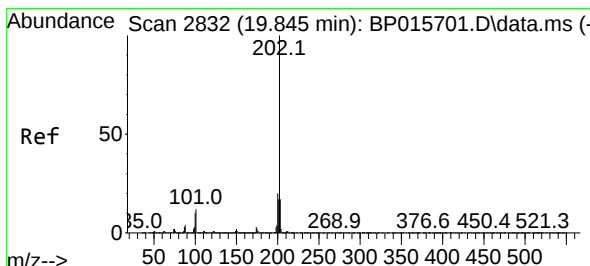
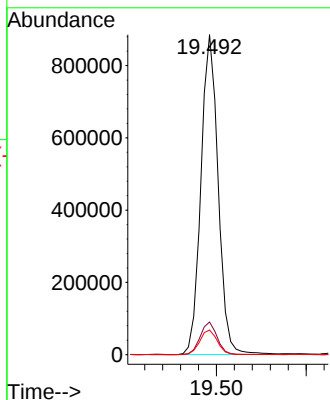
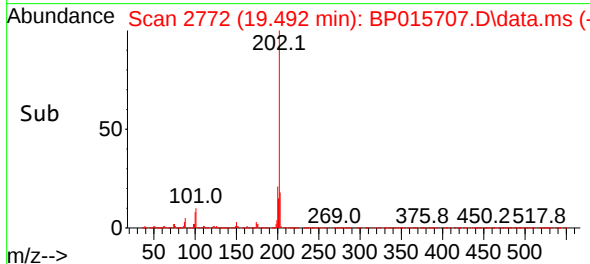
Instrument :
BNA_P
ClientSampleId :
DCFQ8



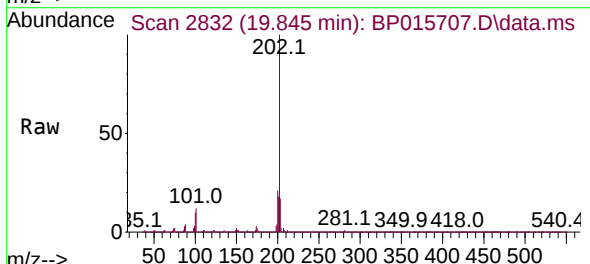
Tgt Ion:202 Resp: 117724
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 7.7 6.6 9.8

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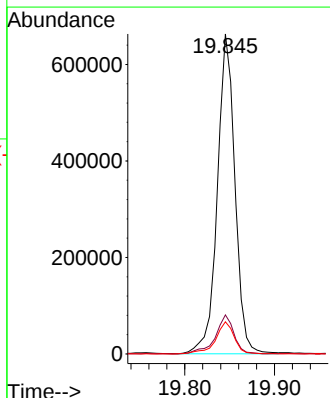
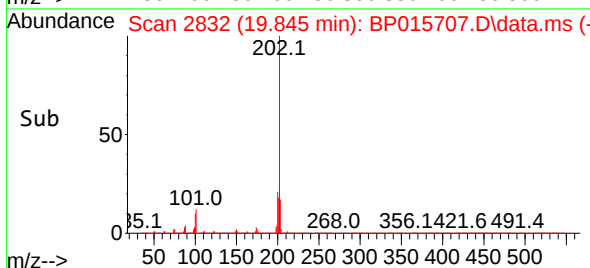
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

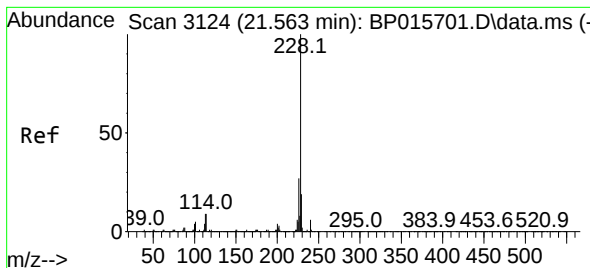


#82
Pyrene
Concen: 18.577 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02



Tgt Ion:202 Resp: 903949
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 10.1 8.4 12.6





#85

Benzo(a)anthracene

Concen: 10.384 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015707.D

Acq: 24 Jun 2023 14:02

Instrument :

BNA_P

ClientSampleId :

DCFQ8

Tgt Ion:228 Resp: 523700

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

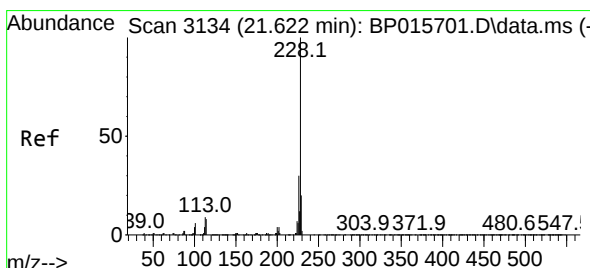
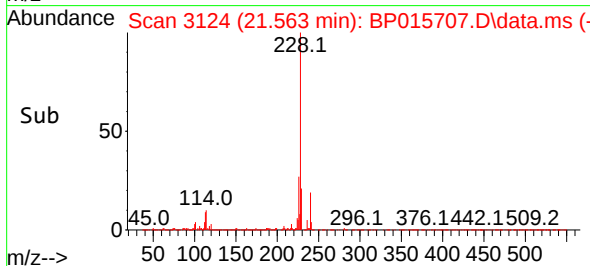
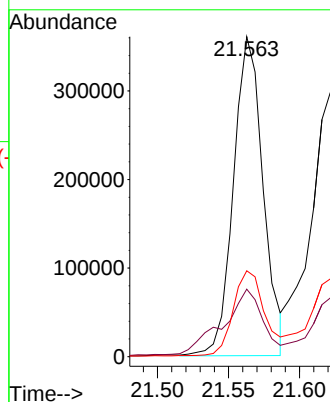
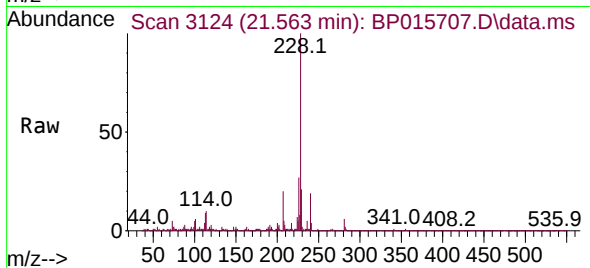
226 26.9 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#87

Chrysene

Concen: 9.902 ng/ul

RT: 21.622 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015707.D

Acq: 24 Jun 2023 14:02

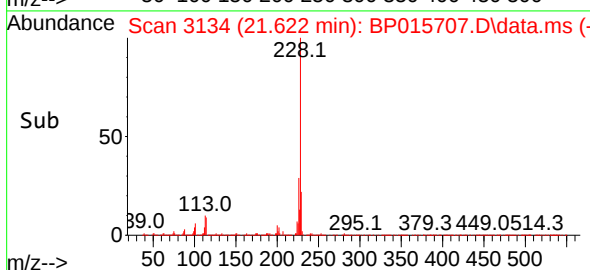
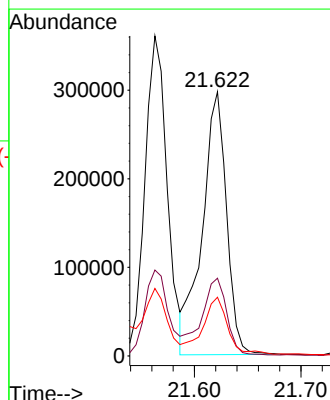
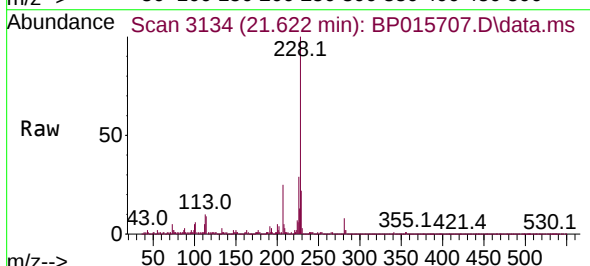
Tgt Ion:228 Resp: 472017

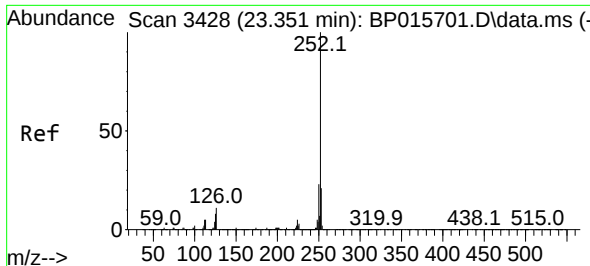
Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

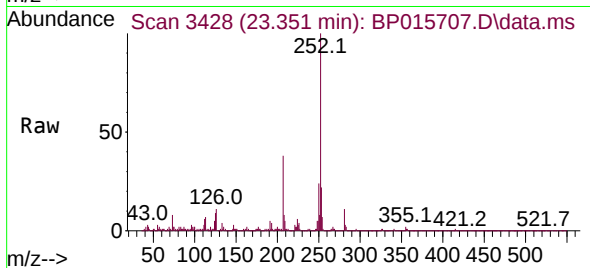
229 22.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 11.306 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

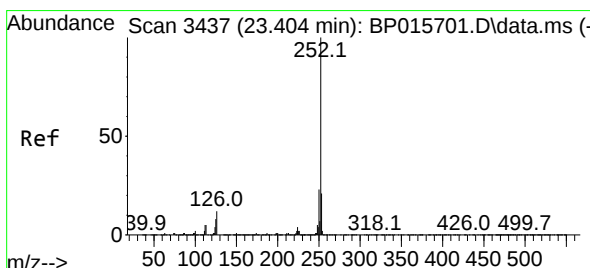
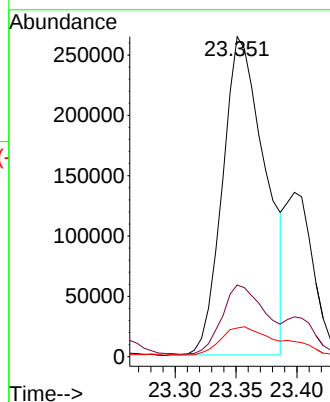
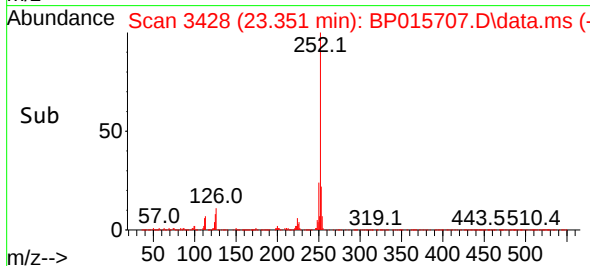
Instrument :
BNA_P
ClientSampleId :
DCFQ8



Tgt Ion:252 Resp: 64436
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.0 7.3 10.9

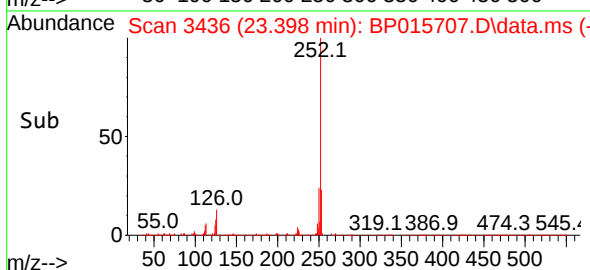
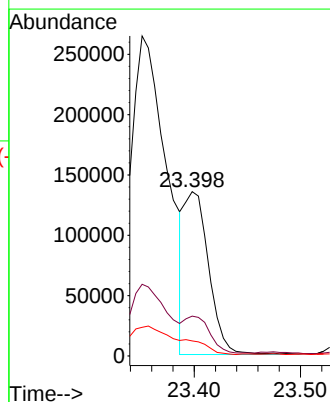
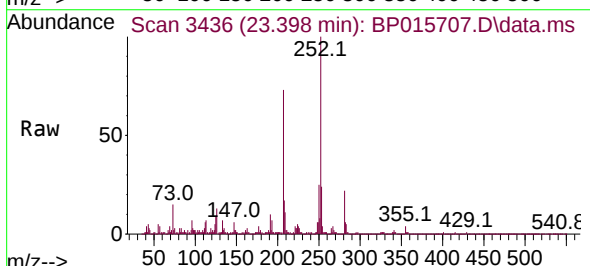
Manual Integrations
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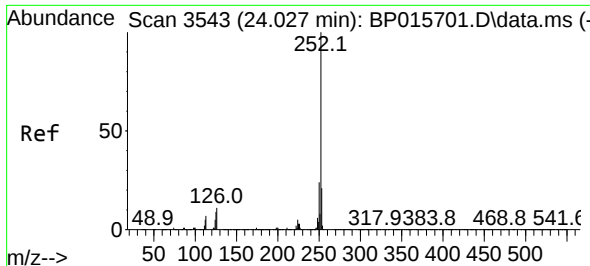
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 3.913 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

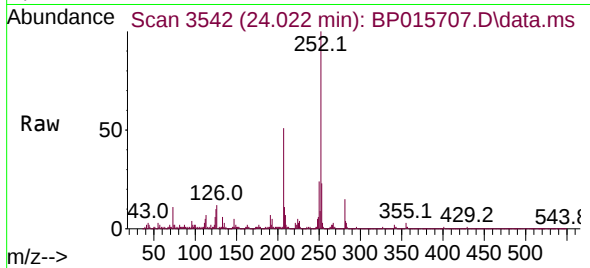
Tgt Ion:252 Resp: 215592
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 9.2 7.3 10.9





#93
Benzo(a)pyrene
Concen: 8.321 ng/ul
RT: 24.022 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

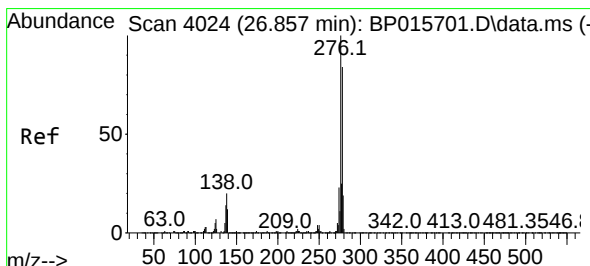
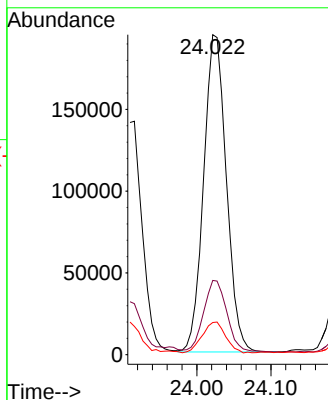
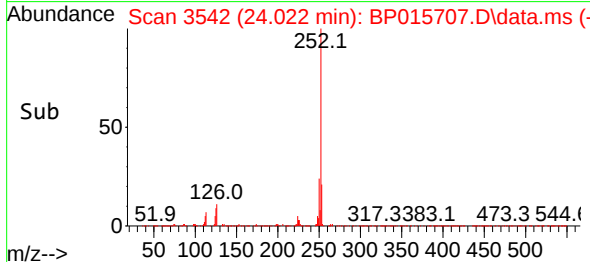
Instrument :
BNA_P
ClientSampleId :
DCFQ8



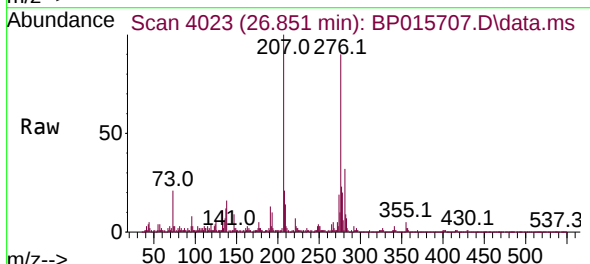
Tgt Ion:252 Resp: 41345
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.1 8.1 12.1

Manual Integrations
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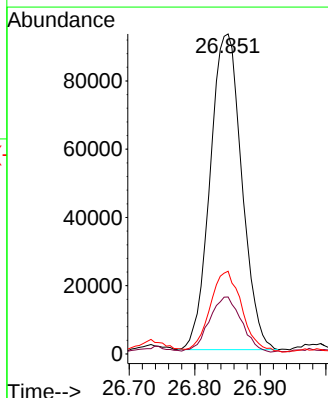
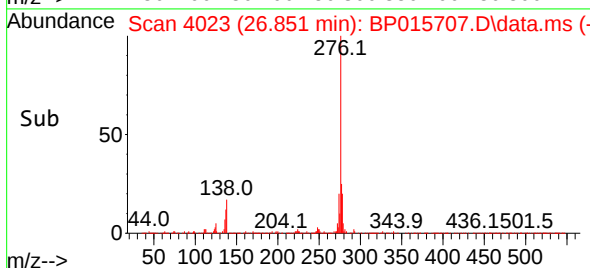
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

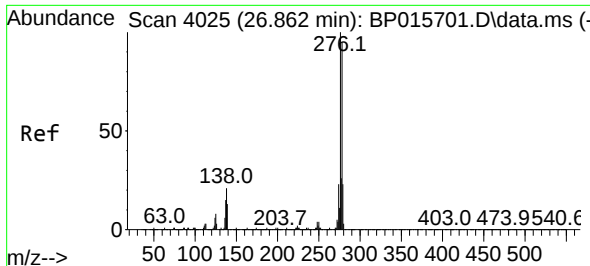


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.826 ng/ul
RT: 26.851 min Scan# 4023
Delta R.T. 0.012 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02



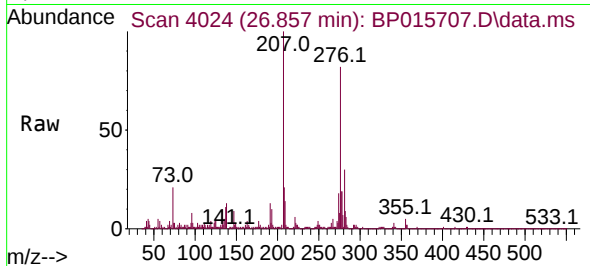
Tgt Ion:276 Resp: 310313
Ion Ratio Lower Upper
276 100
138 17.8 17.3 25.9
277 25.9 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 1.652 ng/ul
RT: 26.857 min Scan# 4025
Delta R.T. 0.006 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

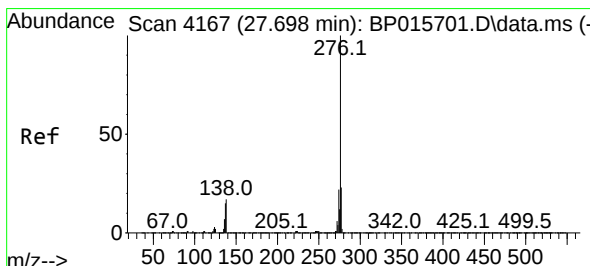
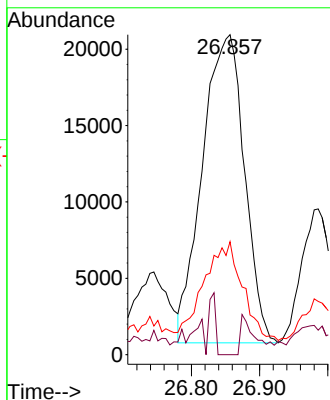
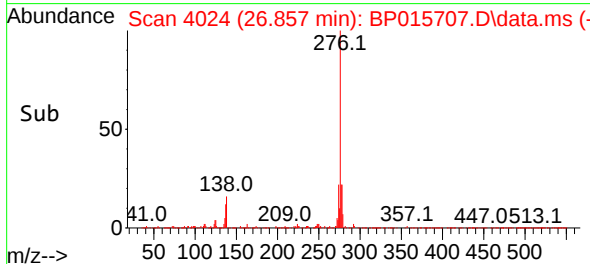
Instrument :
BNA_P
ClientSampleId :
DCFQ8



Tgt Ion:278 Resp: 8654
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0
279 35.3 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#96
Benzo(g,h,i)perylene
Concen: 5.028 ng/ul
RT: 27.692 min Scan# 4166
Delta R.T. 0.012 min
Lab File: BP015707.D
Acq: 24 Jun 2023 14:02

Tgt Ion:276 Resp: 266465
Ion Ratio Lower Upper
276 100
138 17.1 15.6 23.4
277 25.1 19.0 28.6

