

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015690.D
 Acq On : 24 Jun 2023 02:13
 Operator : MA/JU
 Sample : 03084-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM0

Manual Integrations
 APPROVED

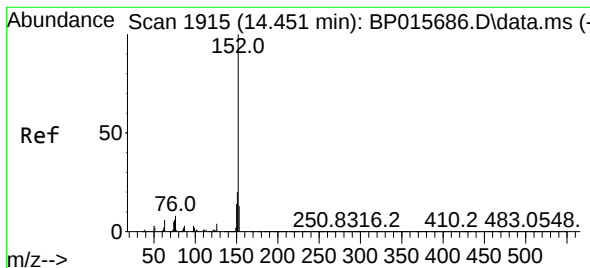
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 03:16:02 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	8.081	152	125425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	450272	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	250830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	559255	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	576180	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	699279	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12387	3.657	ng/uL	0.00
4) Pyridine-d5	3.846	84	114417	13.005	ng/u1	0.00
7) Phenol-d5	7.246	99	196721	17.025	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	131305	19.027	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	169118	20.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	121132	12.773	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	76234	21.565	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	87780	21.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	133555	18.136	ng/u1	0.01
31) 4-Chloroaniline-d4	11.075	131	98901	9.356	ng/u1	0.02
46) Dimethylphthalate-d6	14.133	166	433733	21.928	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	502757	23.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.980	143	52488m	14.818	ng/u1	0.03
60) Fluorene-d10	15.727	176	374170	22.433	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	47363	13.368	ng/u1	0.01
73) Anthracene-d10	17.592	188	583746	22.941	ng/u1	0.00
81) Pyrene-d10	19.815	212	773079	25.069	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	842789	24.020	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	25497	1.065	ng/u1	99
72) Phenanthrene	17.533	178	121201	4.038	ng/u1	99
80) Fluoranthene	19.492	202	334472	8.904	ng/u1	99
82) Pyrene	19.845	202	273735	7.044	ng/u1	99
85) Benzo(a)anthracene	21.562	228	179509	4.457	ng/u1	98
87) Chrysene	21.621	228	196143	5.152	ng/u1	95
90) Benzo(b)fluoranthene	23.351	252	315108	6.981	ng/u1#	95
91) Benzo(k)fluoranthene	23.398	252	100480m	2.303	ng/u1	
93) Benzo(a)pyrene	24.027	252	194860	4.951	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.856	276	170100	3.340	ng/u1	96
95) Dibenzo(a,h)anthracene	26.856	278	49597	1.195	ng/u1#	83
96) Benzo(g,h,i)perylene	27.697	276	162365	3.868	ng/u1	98

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



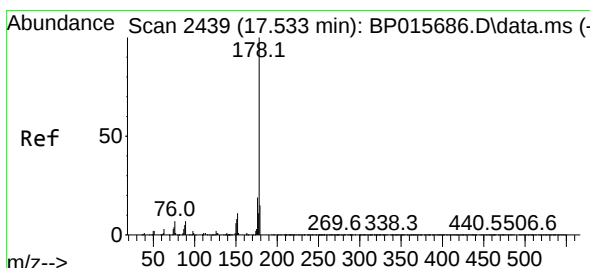
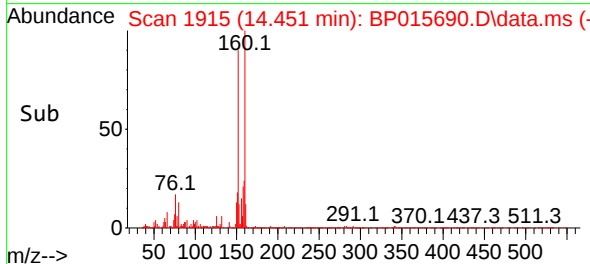
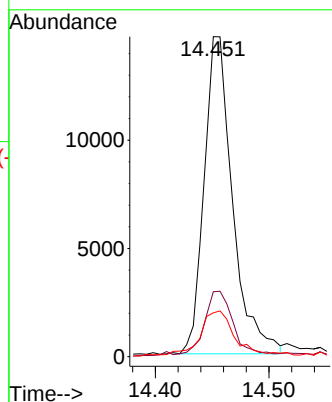
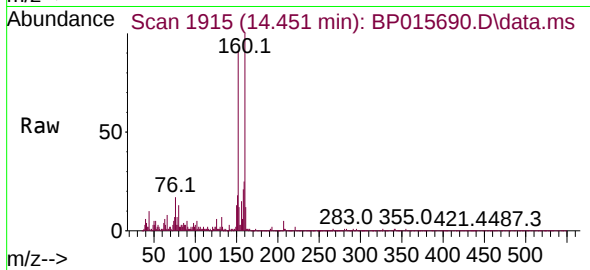
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Acenaphthylene
Concen: 1.065 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

Instrument :
BNA_P
ClientSampleId :
DCFM0

Tgt Ion:152 Resp: 2549
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.7 10.6 15.8

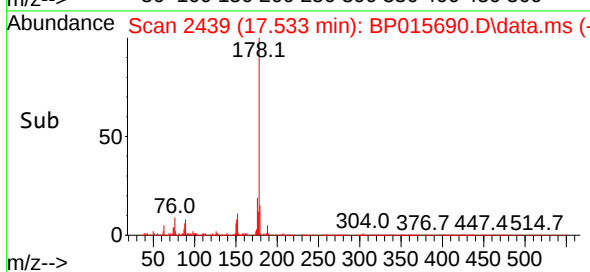
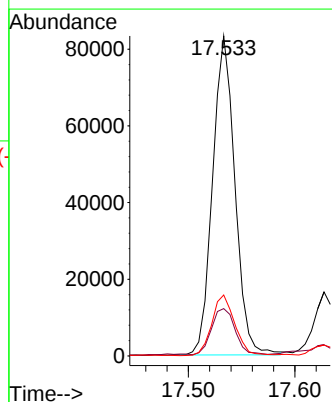
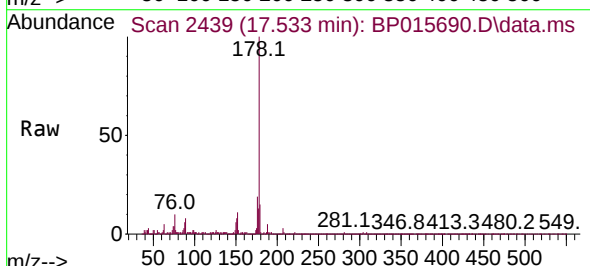
Manual Integrations
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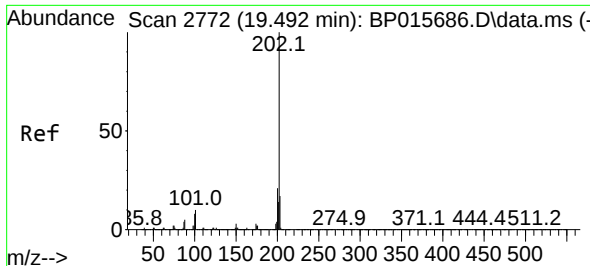
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Phenanthrene
Concen: 4.038 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

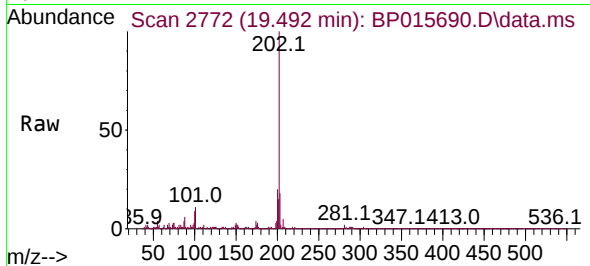
Tgt Ion:178 Resp: 121201
Ion Ratio Lower Upper
178 100
179 14.8 12.3 18.5
176 19.1 15.4 23.0





#80
Fluoranthene
Concen: 8.904 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

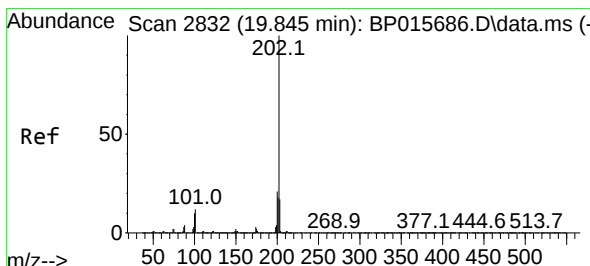
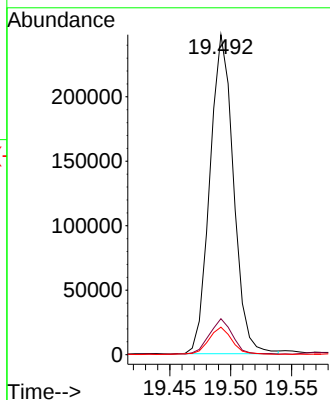
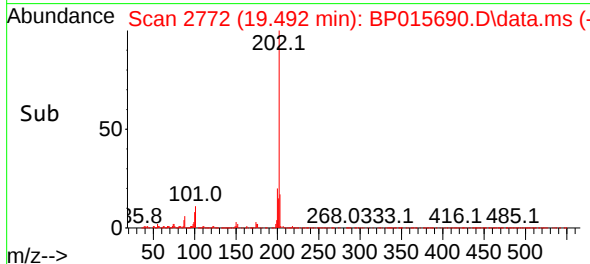
Instrument :
BNA_P
ClientSampleId :
DCFM0



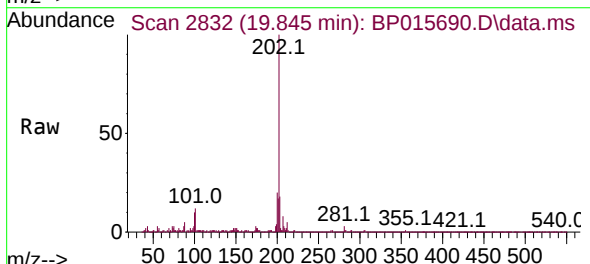
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Ion Ratio Lower Upper
202 100
101 11.2 8.6 13.0
100 8.6 6.6 9.8

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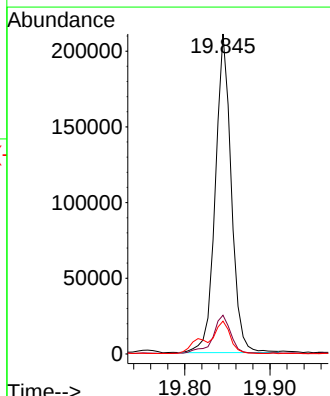
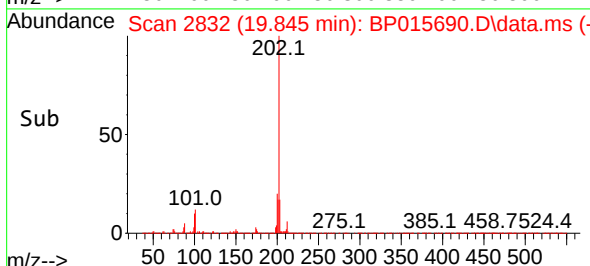
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

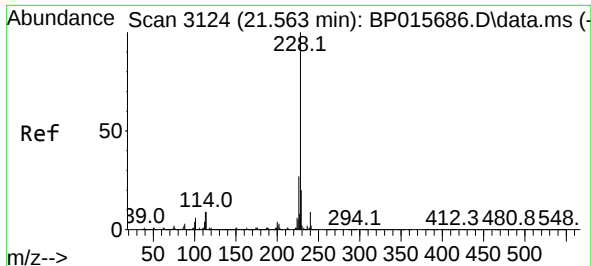


#82
Pyrene
Concen: 7.044 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13



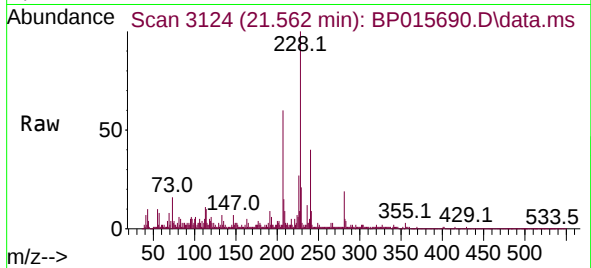
Tgt Ion:202 Resp: 273735
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.2 8.4 12.6





#85
Benzo(a)anthracene
Concen: 4.457 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

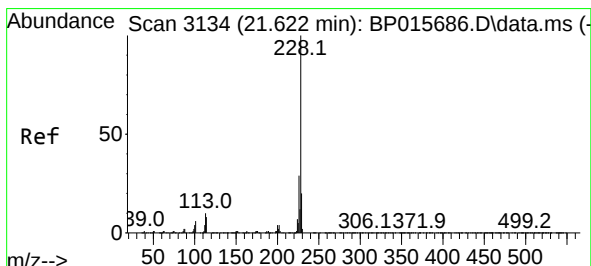
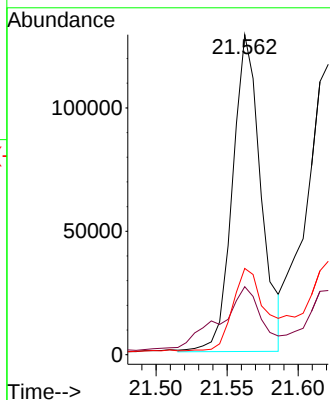
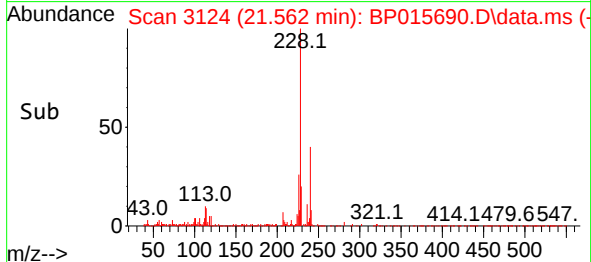
Instrument :
BNA_P
ClientSampleId :
DCFM0



Tgt Ion:228 Resp: 179509
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 27.0 21.8 32.6

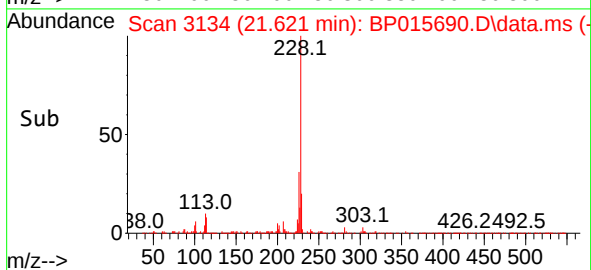
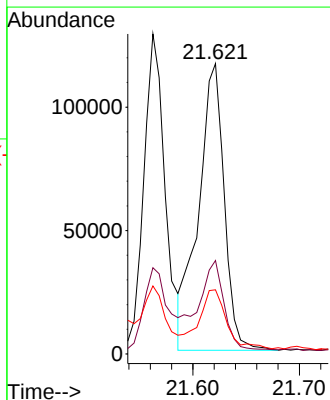
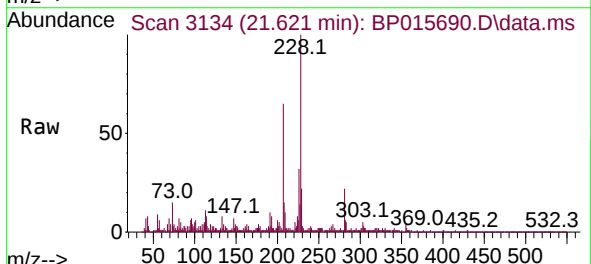
Manual Integrations
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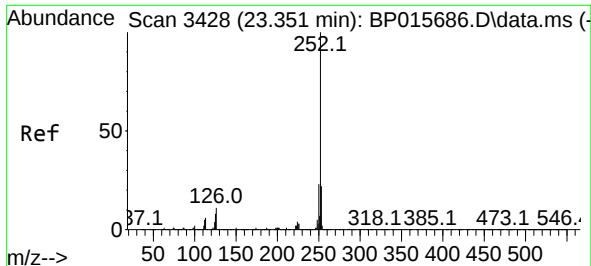
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 5.152 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

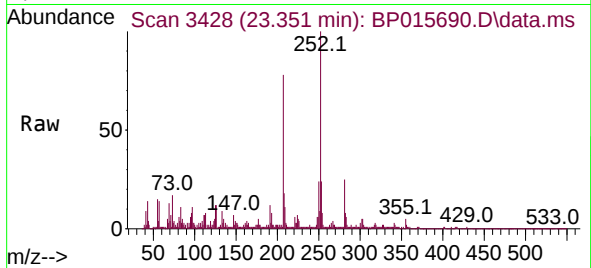
Tgt Ion:228 Resp: 196143
Ion Ratio Lower Upper
228 100
226 32.2 23.9 35.9
229 22.1 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 6.981 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

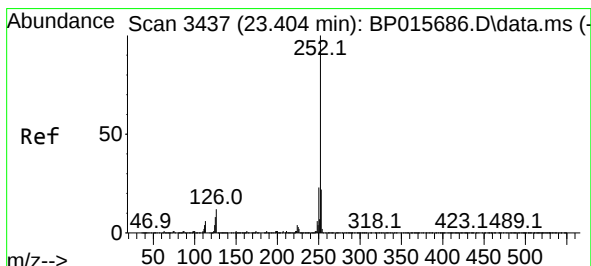
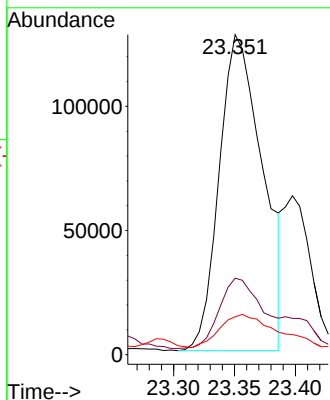
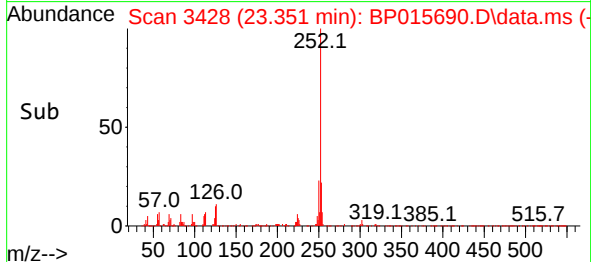
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BNA_P
ClientSampleId :
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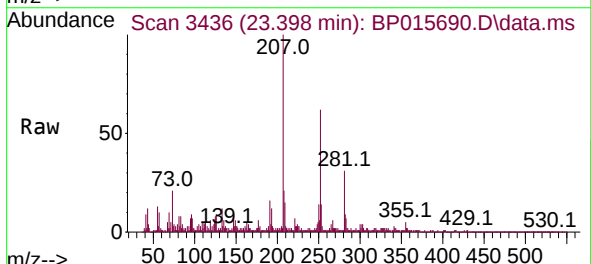
Tgt Ion:252 Resp: 315108
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.8 7.3 10.9

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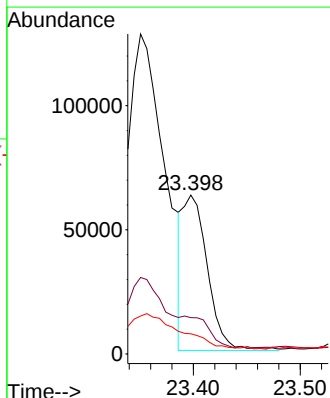
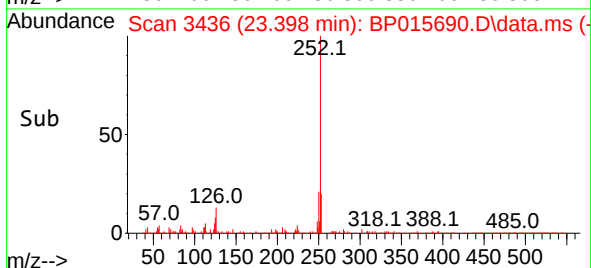
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

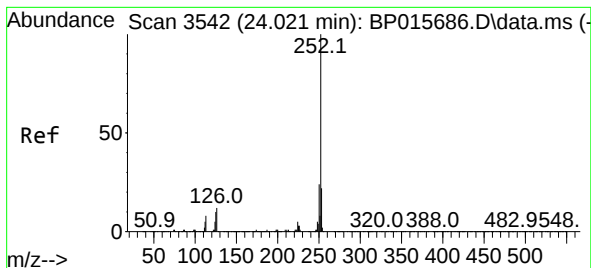


#91
Benzo(k)fluoranthene
Concen: 2.303 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. -0.000 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13



Tgt Ion:252 Resp: 100480
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 4.951 ng/ul

RT: 24.027 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP015690.D

Acq: 24 Jun 2023 02:13

Instrument :

BNA_P

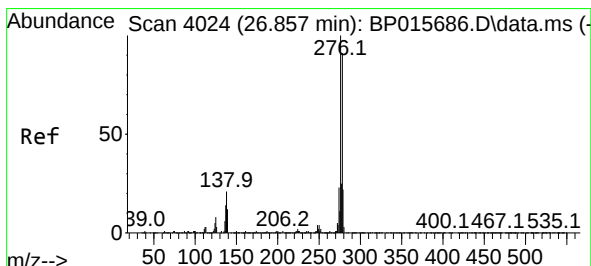
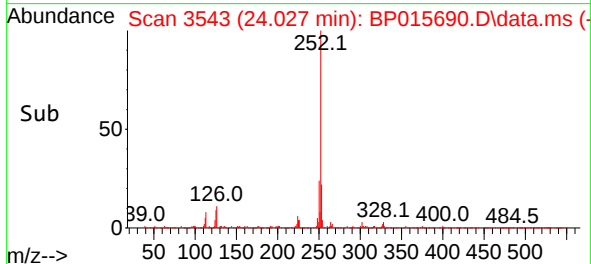
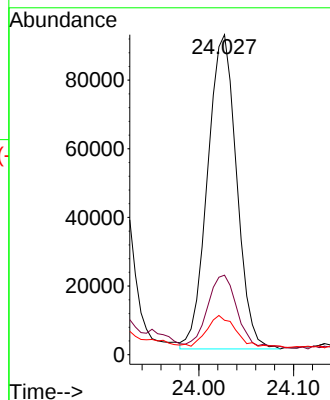
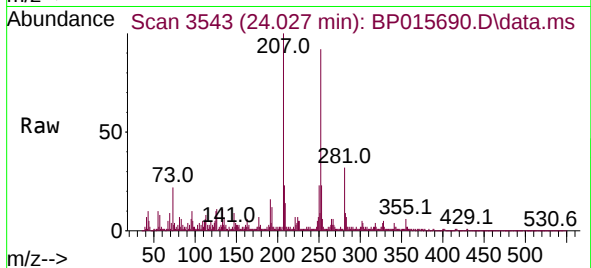
ClientSampleId :

DCFM0

Tgt Ion:252 Resp: 194860
 Ion Ratio Lower Upper
 252 100
 253 24.9 17.8 26.6
 125 10.7 8.1 12.1

Manual Integrations
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 Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.340 ng/ul

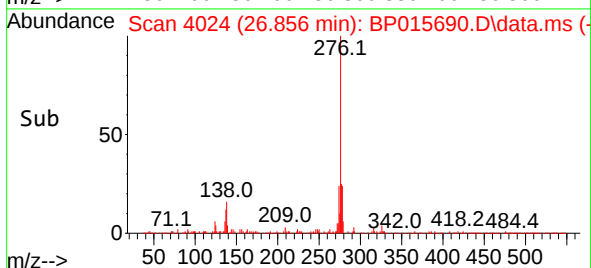
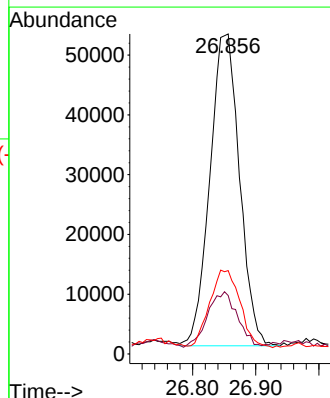
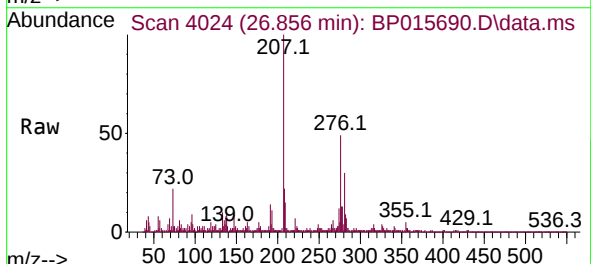
RT: 26.856 min Scan# 4024

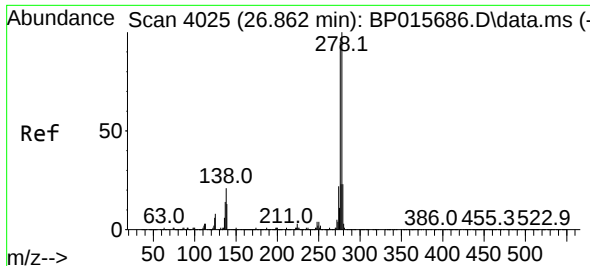
Delta R.T. 0.018 min

Lab File: BP015690.D

Acq: 24 Jun 2023 02:13

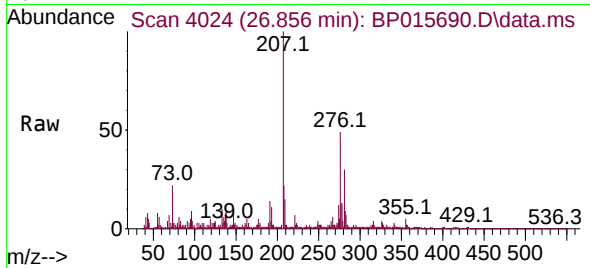
Tgt Ion:276 Resp: 170100
 Ion Ratio Lower Upper
 276 100
 138 18.2 17.3 25.9
 277 26.1 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 1.195 ng/ul
RT: 26.856 min Scan# 4025
Delta R.T. 0.006 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

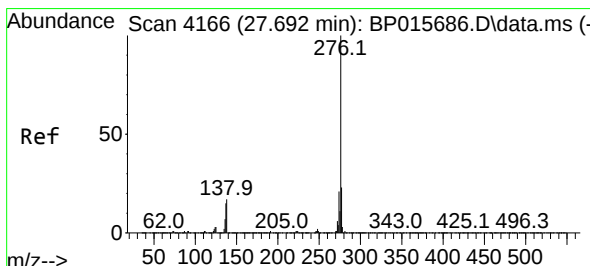
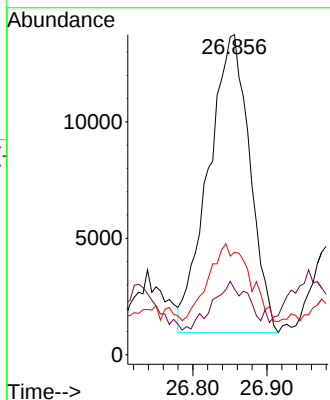
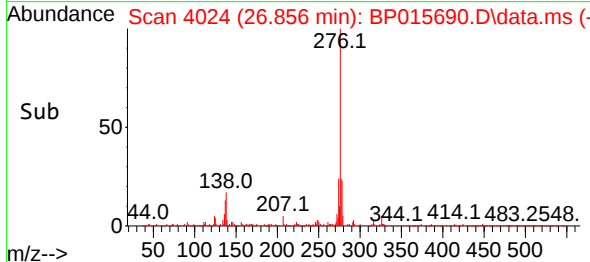
Instrument :
BNA_P
ClientSampleId :
DCFM0



Tgt Ion:278 Resp: 49597
Ion Ratio Lower Upper
278 100
139 20.4 11.4 17.0
279 32.0 18.7 28.1

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



#96
Benzo(g,h,i)perylene
Concen: 3.868 ng/ul
RT: 27.697 min Scan# 4167
Delta R.T. 0.018 min
Lab File: BP015690.D
Acq: 24 Jun 2023 02:13

Tgt Ion:276 Resp: 162365
Ion Ratio Lower Upper
276 100
138 21.1 15.6 23.4
277 24.3 19.0 28.6

