

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015965.D
 Acq On : 03 Jul 2023 23:26
 Operator : MA/JU
 Sample : 03244-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF0

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 00:27:46 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

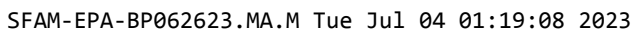
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

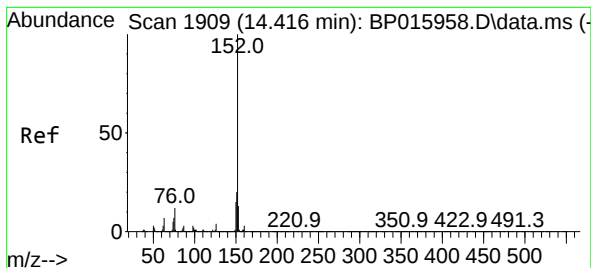
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	325374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1411018	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	854685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1784620	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1175206	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	1296163	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	38853	4.296	ng/uL	0.00
4) Pyridine-d5	3.817	84	400888	17.585	ng/u1	0.00
7) Phenol-d5	7.228	99	803202	28.851	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	525364	30.502	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	637577	30.339	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	617025	28.056	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	315499	29.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	354260	28.148	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	636779	28.393	ng/u1	0.02
31) 4-Chloroaniline-d4	11.046	131	557586	19.354	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	2062865	31.227	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	2373766	31.965	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	218496	25.064	ng/u1	0.04
60) Fluorene-d10	15.693	176	1751573	32.201	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	179549	16.359	ng/u1	0.00
73) Anthracene-d10	17.557	188	2580406	31.654	ng/u1	0.00
81) Pyrene-d10	19.781	212	2671607	34.814	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2173343	33.240	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.416	152	107749	1.317	ng/u1	99
72) Phenanthrene	17.498	178	449975	4.641	ng/u1	99
74) Anthracene	17.592	178	104004	1.068	ng/u1	97
80) Fluoranthene	19.457	202	1002364	10.510	ng/u1#	93
82) Pyrene	19.810	202	829962	8.531	ng/u1#	89
85) Benzo(a)anthracene	21.527	228	466106	5.638	ng/u1	95
87) Chrysene	21.586	228	538298m	6.863	ng/u1	
90) Benzo(b)fluoranthene	23.304	252	814920	9.785	ng/u1#	94
91) Benzo(k)fluoranthene	23.351	252	315068m	3.744	ng/u1	
93) Benzo(a)pyrene	23.974	252	518599	7.126	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	431733	4.370	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.780	278	120926	1.490	ng/u1#	68
96) Benzo(g,h,i)perylene	27.627	276	437910	5.388	ng/u1#	93

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

Manual Integrations

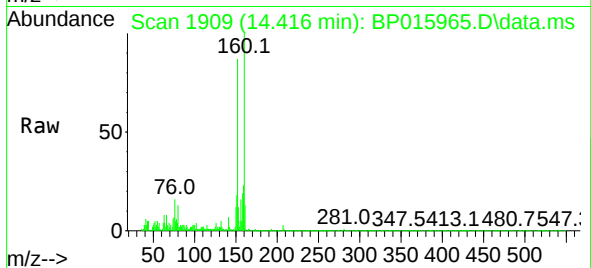
Quant Time: Jul 04 00:27:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.317 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26

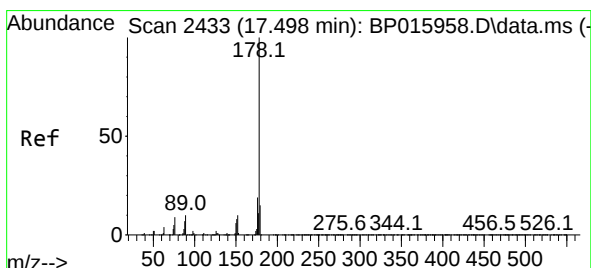
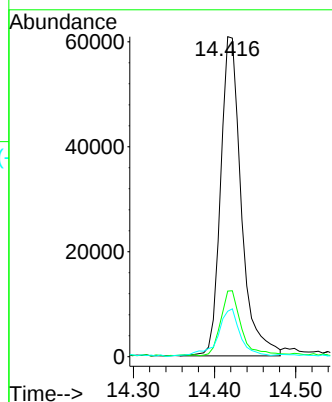
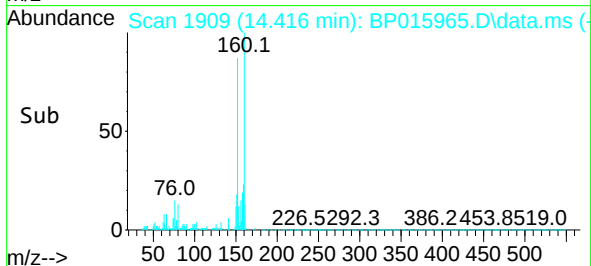
Instrument :
BNA_P
ClientSampleId :
DCGF0



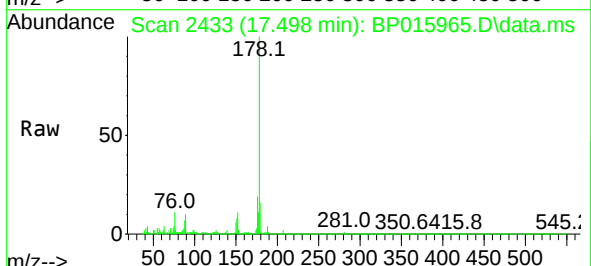
Tgt Ion:152 Resp: 107749
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.2 10.5 15.7

Manual Integrations
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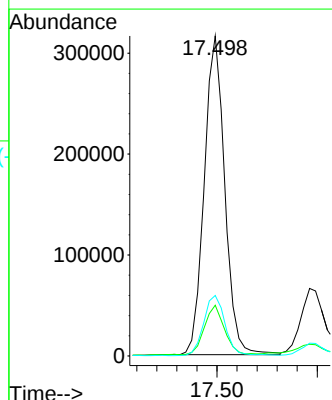
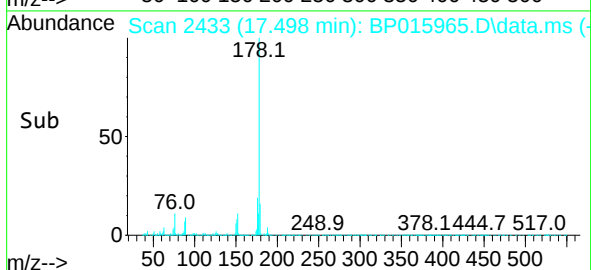
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

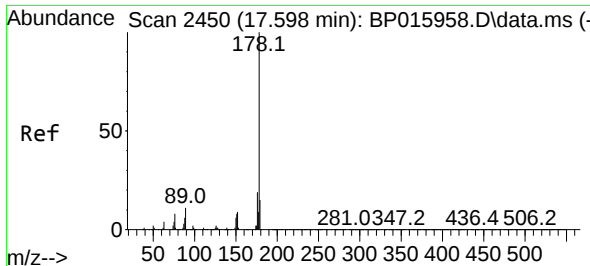


#72
Phenanthrene
Concen: 4.641 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26



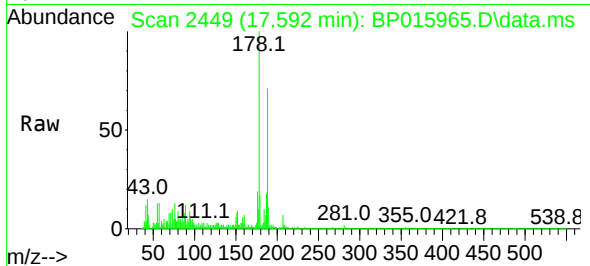
Tgt Ion:178 Resp: 449975
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.9 15.6 23.4





#74
 Anthracene
 Concen: 1.068 ng/ul
 RT: 17.592 min Scan# 2449
 Delta R.T. -0.005 min
 Lab File: BP015965.D
 Acq: 03 Jul 2023 23:26

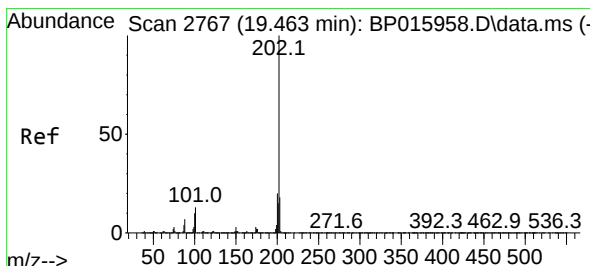
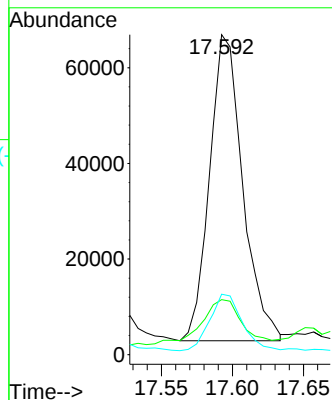
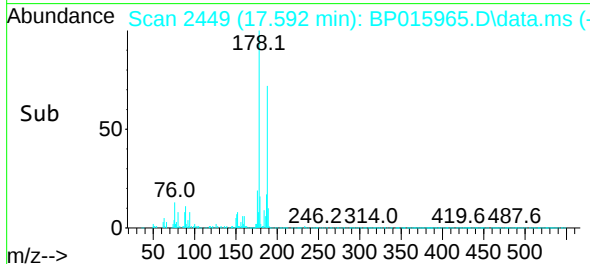
Instrument :
 BNA_P
 ClientSampleId :
 DCGF0



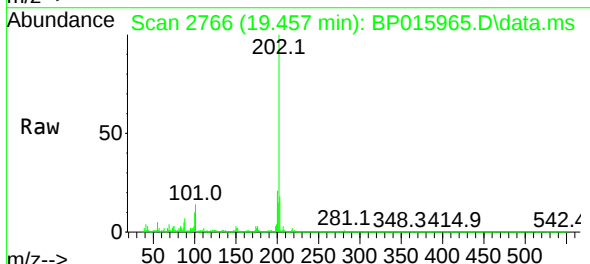
Tgt Ion:178 Resp: 104004
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.1 18.1
 176 18.9 14.6 22.0

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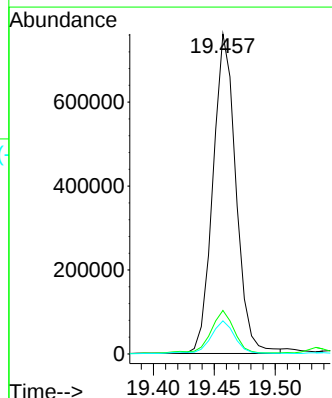
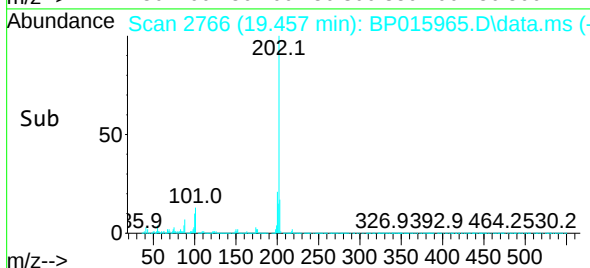
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

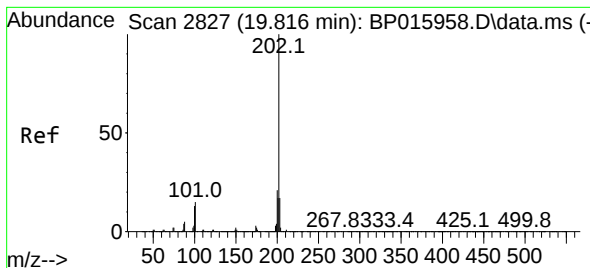


#80
 Fluoranthene
 Concen: 10.510 ng/ul
 RT: 19.457 min Scan# 2766
 Delta R.T. -0.005 min
 Lab File: BP015965.D
 Acq: 03 Jul 2023 23:26



Tgt Ion:202 Resp: 1002364
 Ion Ratio Lower Upper
 202 100
 101 13.6 8.3 12.5#
 100 10.3 6.6 9.8#





#82

Pyrene

Concen: 8.531 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP015965.D

Acq: 03 Jul 2023 23:26

Instrument :

BNA_P

ClientSampleId :

DCGF0

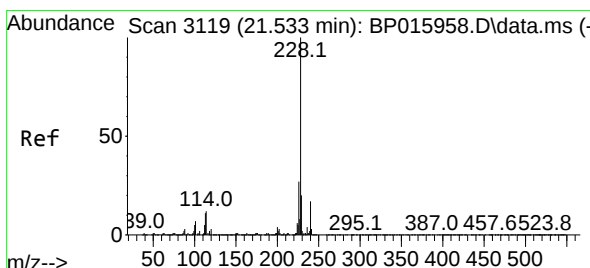
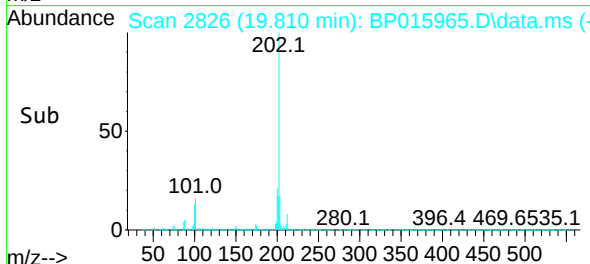
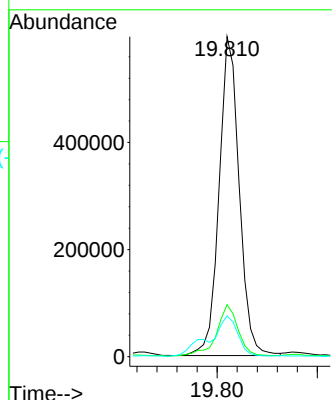
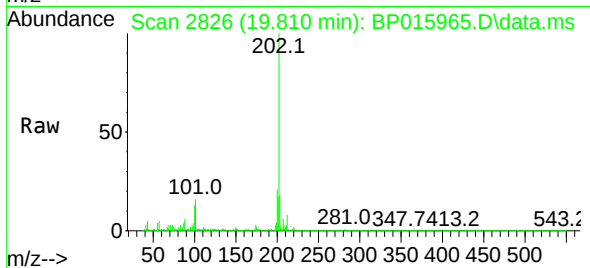
Tgt Ion:202	Resp: 82996
Ion Ratio	Lower Upper
202 100	
101 16.2	9.3 13.9
100 12.7	7.6 11.4

Manual Integrations

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Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#85

Benzo(a)anthracene

Concen: 5.638 ng/ul

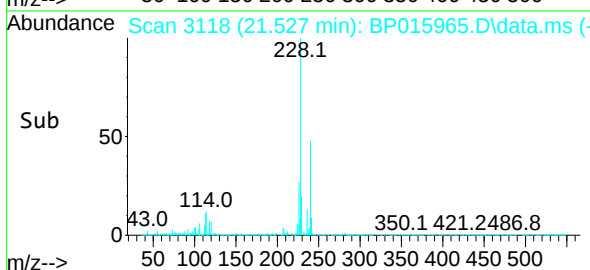
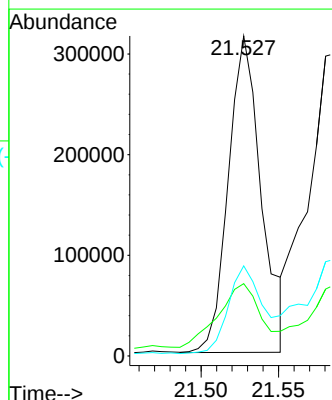
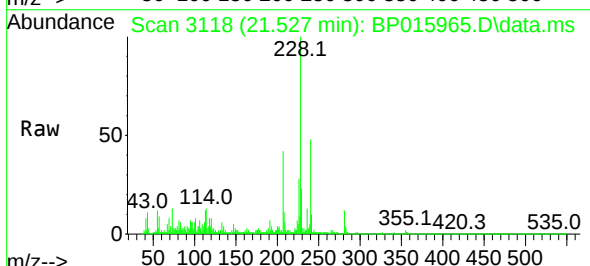
RT: 21.527 min Scan# 3118

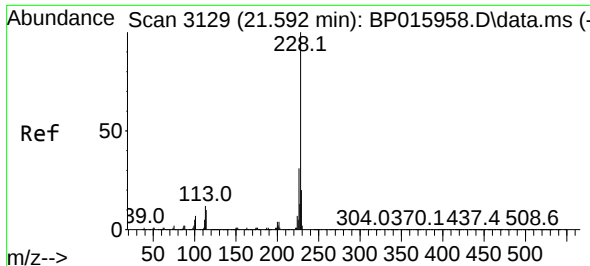
Delta R.T. -0.005 min

Lab File: BP015965.D

Acq: 03 Jul 2023 23:26

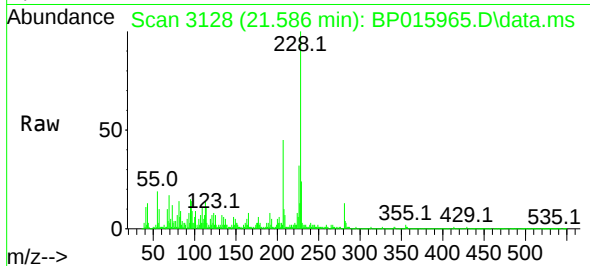
Tgt Ion:228	Resp: 466106
Ion Ratio	Lower Upper
228 100	
229 22.6	15.3 22.9
226 28.1	21.4 32.0





#87
Chrysene
Concen: 6.863 ng/ul m
RT: 21.586 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26

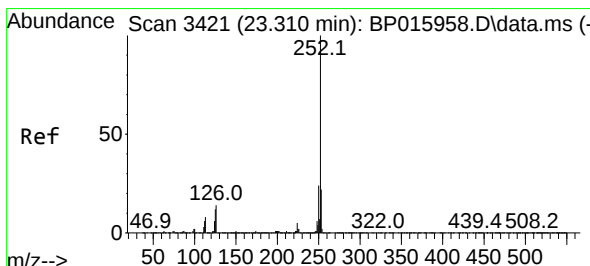
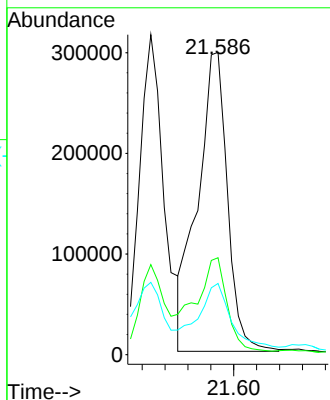
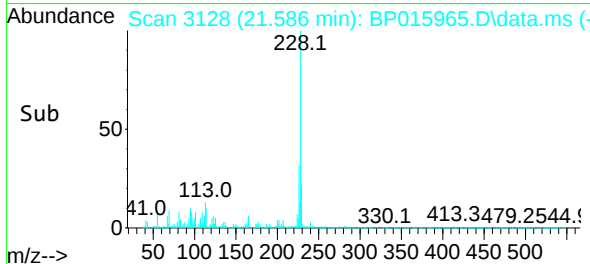
Instrument :
BNA_P
ClientSampleId :
DCGF0



Tgt Ion:228 Resp: 538298
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 23.5 15.5 23.3

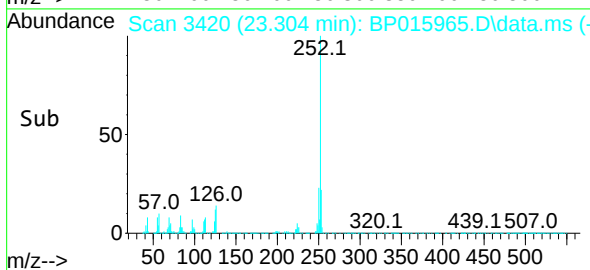
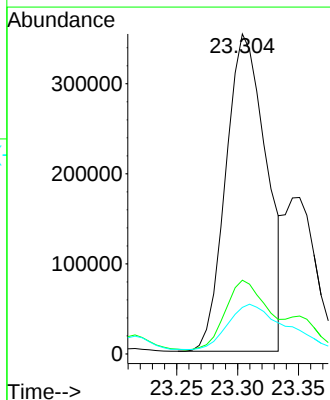
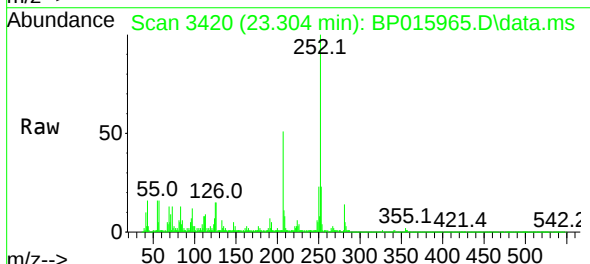
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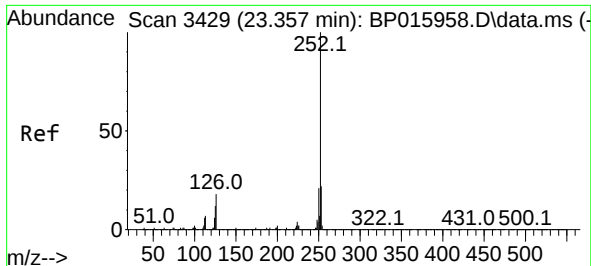
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 9.785 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.005 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26

Tgt Ion:252 Resp: 814920
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 14.5 7.5 11.3





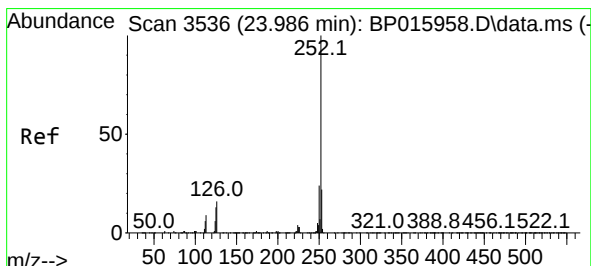
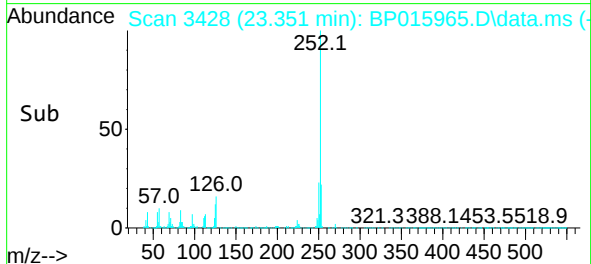
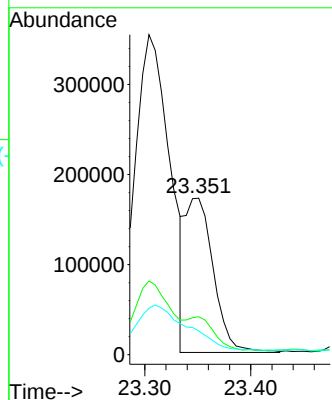
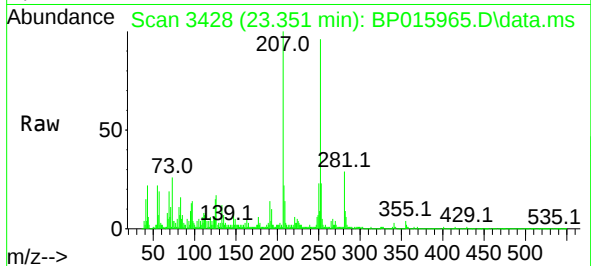
#91
Benzo(k)fluoranthene
Concen: 3.744 ng/ul m
RT: 23.351 min Scan# 3429
Delta R.T. -0.005 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26

Instrument :
BNA_P
ClientSampleId :
DCGF0

Tgt Ion:252 Resp: 315068
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 15.1 7.3 10.9

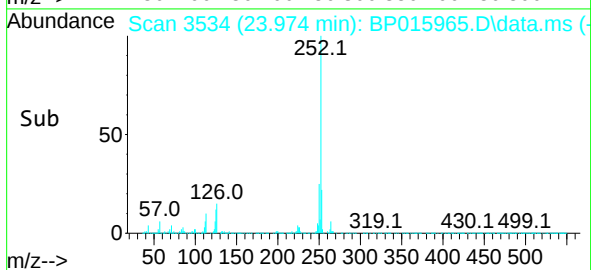
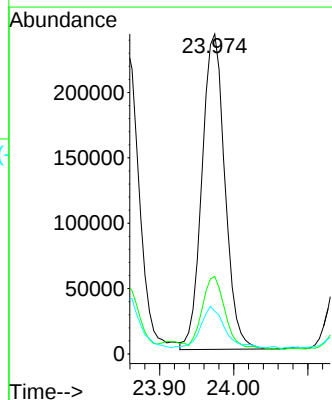
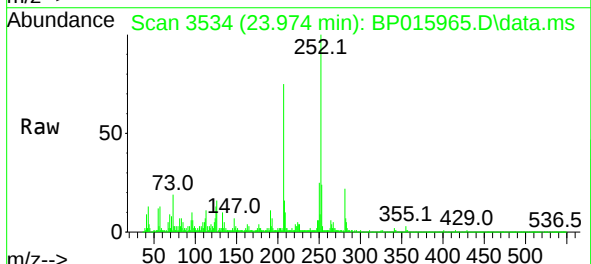
Manual Integrations
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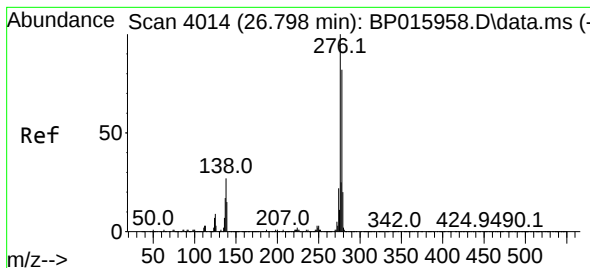
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#93
Benzo(a)pyrene
Concen: 7.126 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP015965.D
Acq: 03 Jul 2023 23:26

Tgt Ion:252 Resp: 518599
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 13.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.370 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.005 min

Lab File: BP015965.D

Acq: 03 Jul 2023 23:26

Instrument :

BNA_P

ClientSampleId :

DCGF0

Tgt Ion:276 Resp: 43173

Ion Ratio Lower Upper

276 100

138 24.2 15.7 23.5

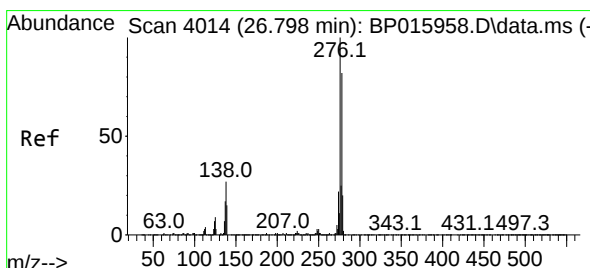
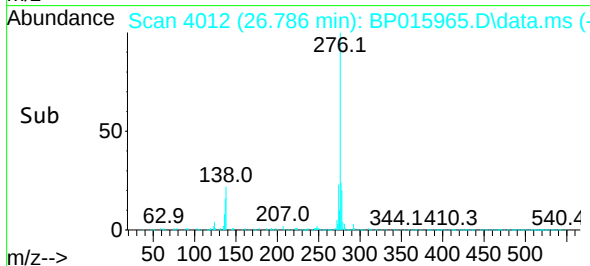
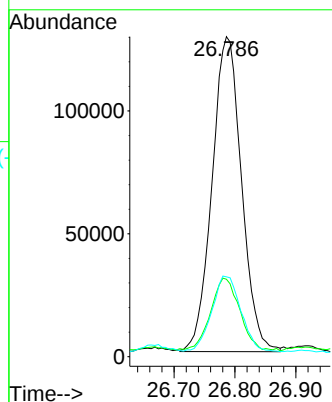
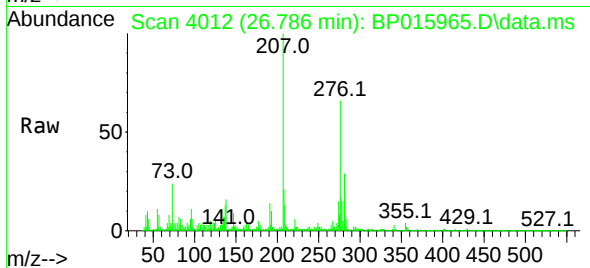
277 25.0 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.490 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015965.D

Acq: 03 Jul 2023 23:26

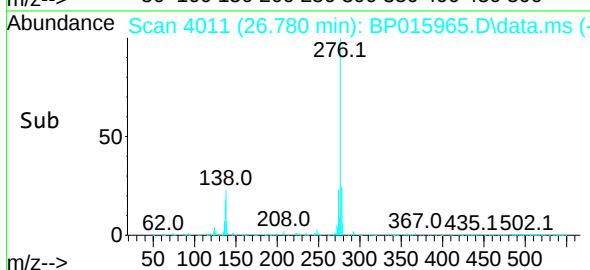
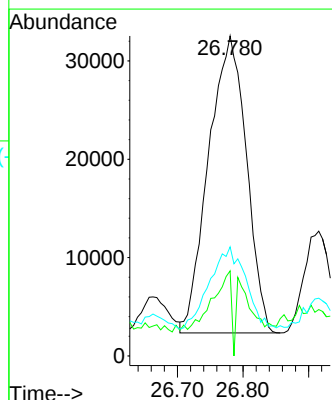
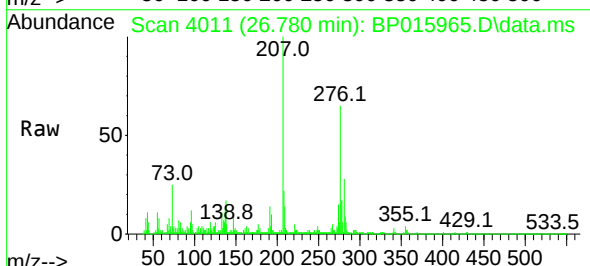
Tgt Ion:278 Resp: 120926

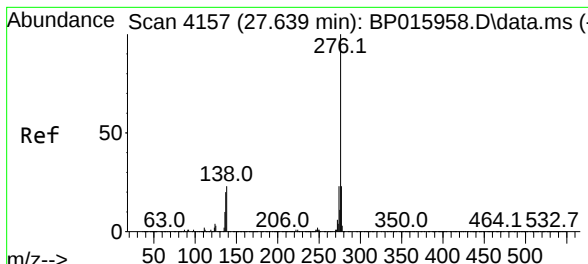
Ion Ratio Lower Upper

278 100

139 31.9 10.5 15.7#

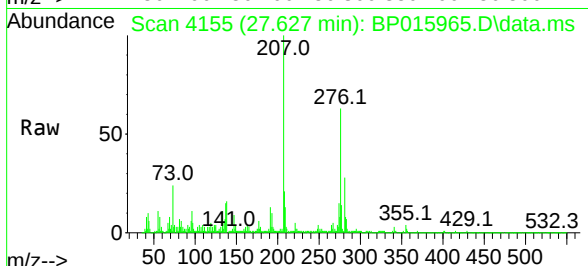
279 34.1 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 5.388 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. 0.000 min
 Lab File: BP015965.D
 Acq: 03 Jul 2023 23:26

Instrument :
 BNA_P
 ClientSampleId :
 DCGF0



Tgt Ion: 276 Resp: 437910

Ion	Ratio	Lower	Upper
276	100		
138	25.5	15.1	22.7
277	22.7	18.8	28.2

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