

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020986.D
 Acq On : 16 Jul 2024 11:26
 Operator : MA/JU
 Sample : P3177-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BX6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 23:12:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	283006	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	1170164	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	765200	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1601398	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1469908	20.000	ng/u1	0.01
88) Perylene-d12	24.863	264	1749254	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16977	2.730	ng/uL	0.00
4) Pyridine-d5	3.676	84	20716m	1.151	ng/u1	0.02
7) Phenol-d5	6.899	99	407039	17.642	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	250103	17.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	352111	18.522	ng/u1	0.01
15) 4-Methylphenol-d8	8.411	113	330865	17.266	ng/u1	0.02
21) Nitrobenzene-d5	8.840	128	172565	18.987	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	198035	19.037	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	348214	18.512	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	299920	12.036	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	1158061	20.819	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	1304170	20.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	145994m	18.447	ng/u1	0.00
60) Fluorene-d10	15.322	176	1003992	22.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	151007	15.585	ng/u1	0.01
73) Anthracene-d10	17.228	188	1589760	22.351	ng/u1	0.00
81) Pyrene-d10	19.604	212	1339920	14.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	901598	10.451	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.157	178	177520	2.137	ng/u1	99
80) Fluoranthene	19.257	202	375370	3.420	ng/u1	99
82) Pyrene	19.633	202	223167	1.998	ng/u1	99
85) Benzo(a)anthracene	21.545	228	234479	2.277	ng/u1#	91
87) Chrysene	21.604	228	244077	2.551	ng/u1#	92
90) Benzo(b)fluoranthene	23.804	252	362309	3.413	ng/u1#	88
91) Benzo(k)fluoranthene	23.869	252	122650m	1.158	ng/u1	
93) Benzo(a)pyrene	24.692	252	179444	1.789	ng/u1#	77
94) Indeno(1,2,3-cd)pyrene	28.621	276	177237	1.371	ng/u1#	81
95) Dibenzo(a,h)anthracene	28.651	278	191663	1.791	ng/u1#	72

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

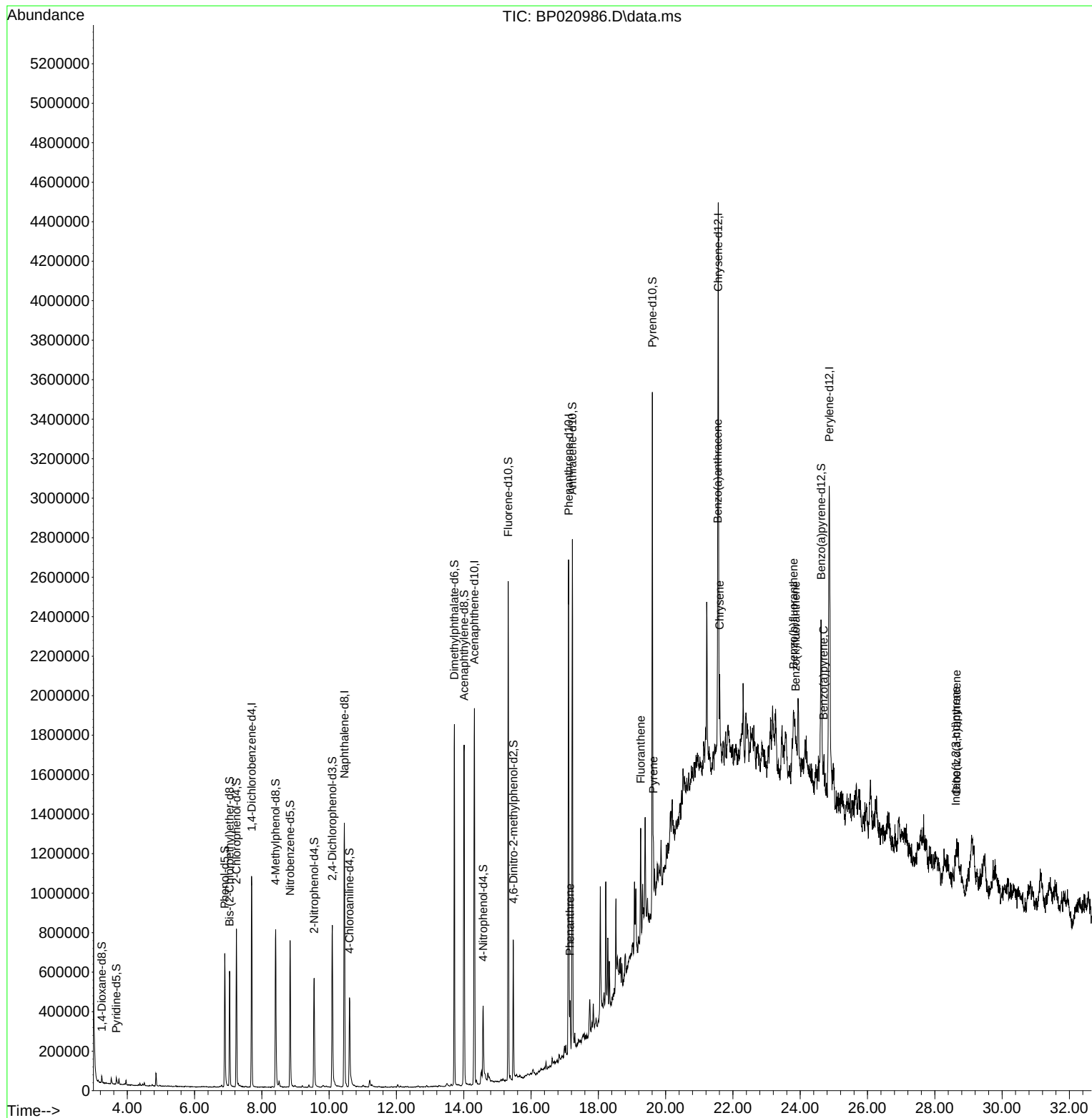
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020986.D
Acq On : 16 Jul 2024 11:26
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Sample : P3177-13
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ALS Vial : 33 Sample Multiplier: 1

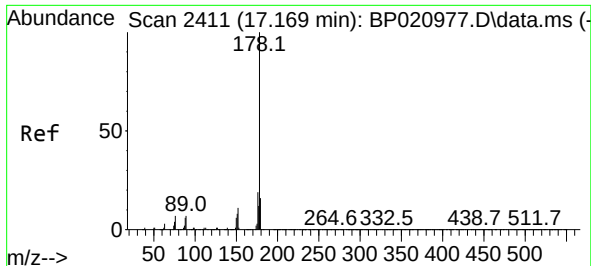
Instrument :
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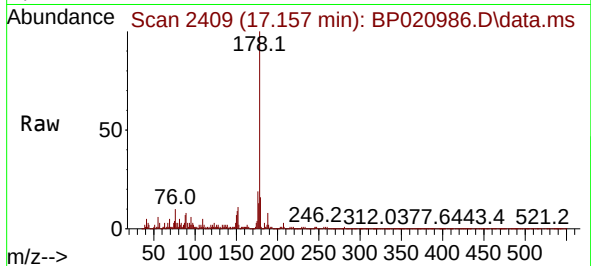
Quant Time: Jul 16 23:12:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.137 ng/ul
RT: 17.157 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP020986.D
Acq: 16 Jul 2024 11:26

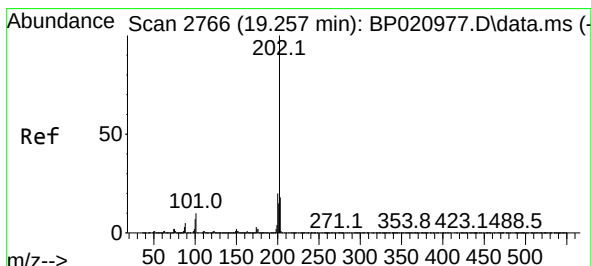
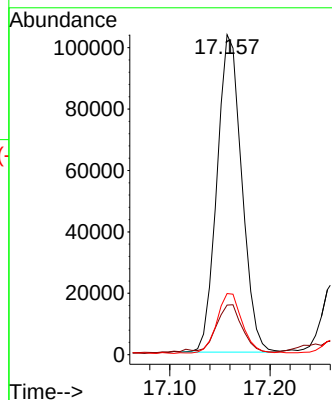
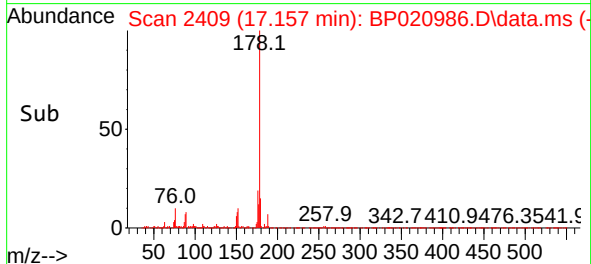
Instrument :
BNA_P
ClientSampleId :
A4BX6



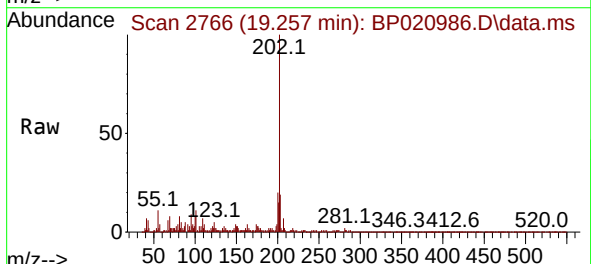
Tgt Ion:178 Resp: 177520
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.1 15.0 22.4

Manual Integrations
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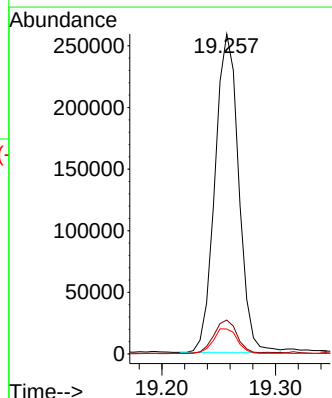
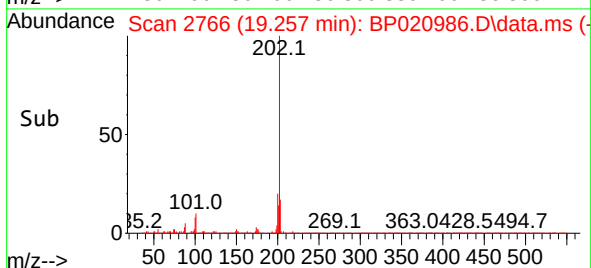
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

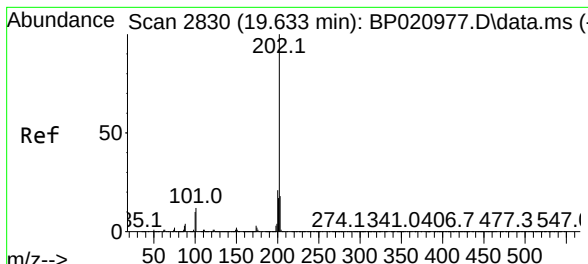


#80
Fluoranthene
Concen: 3.420 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP020986.D
Acq: 16 Jul 2024 11:26



Tgt Ion:202 Resp: 375370
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 7.8 6.1 9.1



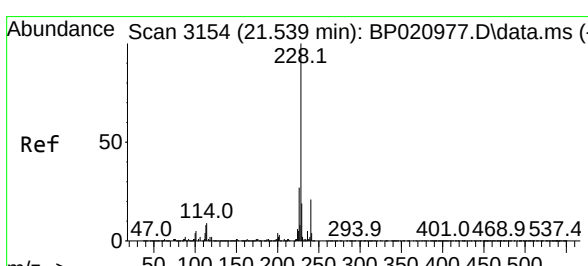
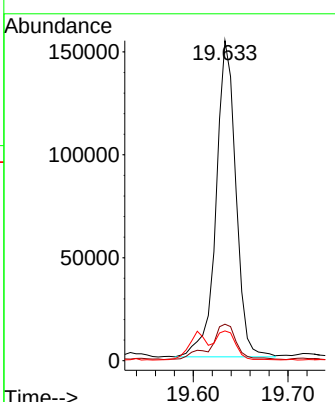
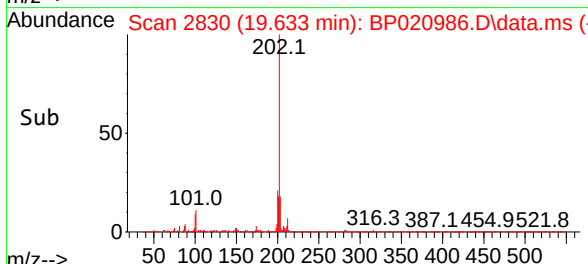
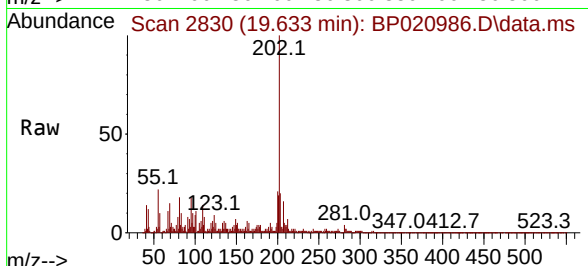


#82
 Pyrene
 Concen: 1.998 ng/ul
 RT: 19.633 min Scan# 2830
 Delta R.T. 0.006 min
 Lab File: BP020986.D
 Acq: 16 Jul 2024 11:26

Instrument : BNA_P
 ClientSampleId : A4BX6

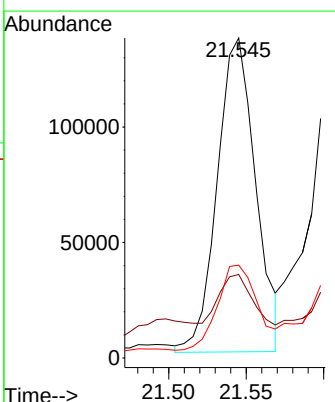
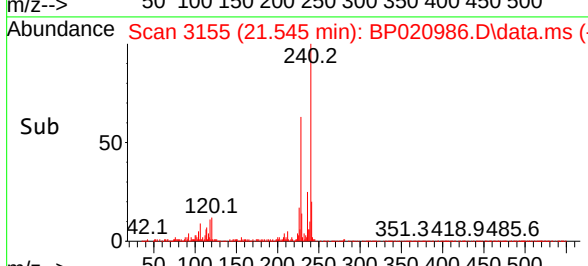
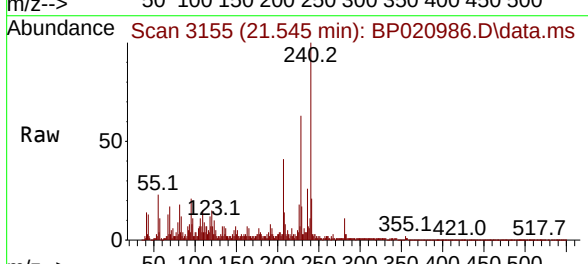
Tgt Ion:	202	Resp:	22316
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.4	14.2
100	9.3	7.8	11.6

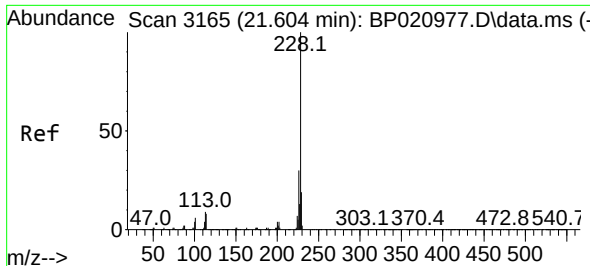
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#85
 Benzo(a)anthracene
 Concen: 2.277 ng/ul
 RT: 21.545 min Scan# 3155
 Delta R.T. 0.012 min
 Lab File: BP020986.D
 Acq: 16 Jul 2024 11:26

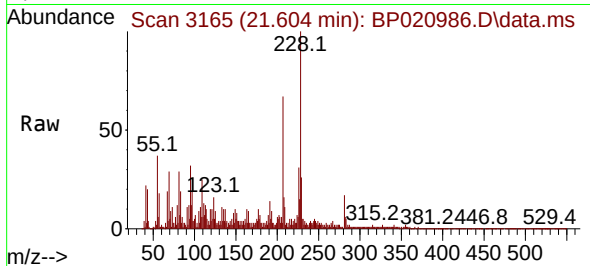
Tgt Ion:	228	Resp:	234479
Ion Ratio	Lower	Upper	
228	100		
229	26.1	15.5	23.3
226	29.0	21.4	32.2





#87
Chrysene
Concen: 2.551 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020986.D
Acq: 16 Jul 2024 11:26

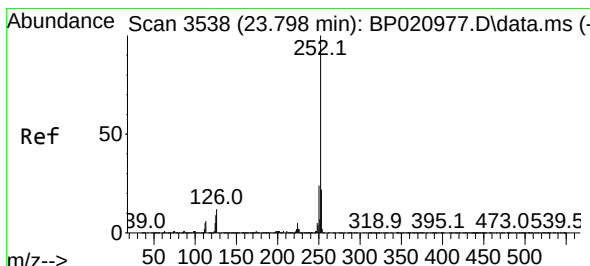
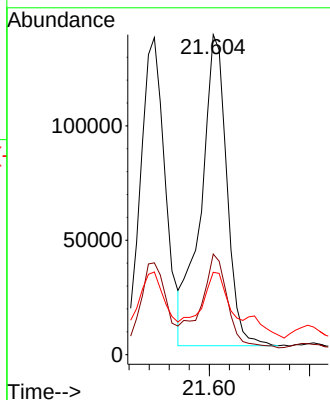
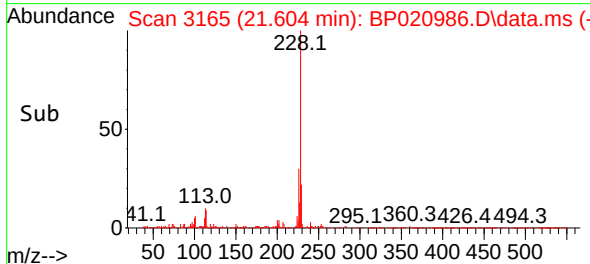
Instrument :
BNA_P
ClientSampleId :
A4BX6



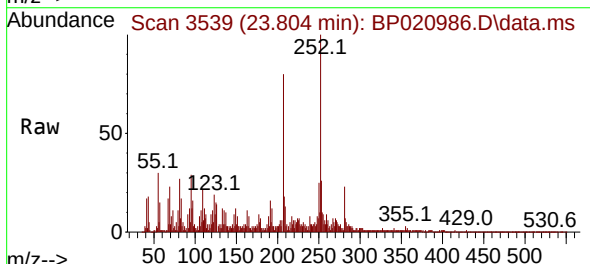
Tgt Ion: 228 Resp: 244072
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 25.7 15.5 23.3

Manual Integrations
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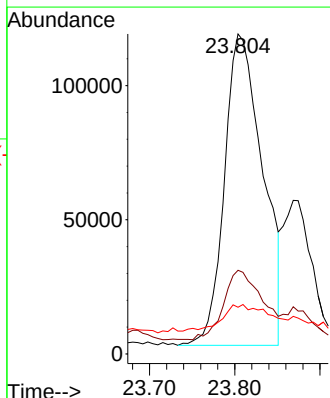
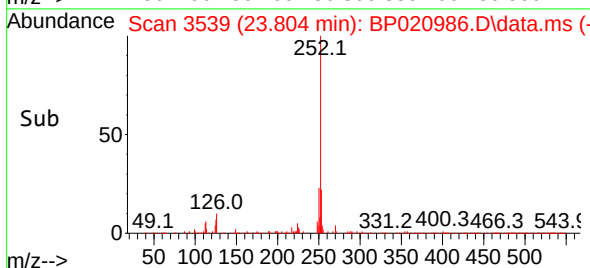
Reviewed By : Yogesh Patel 07/18/2024
Supervised By : mohammad ahmed 07/18/2024

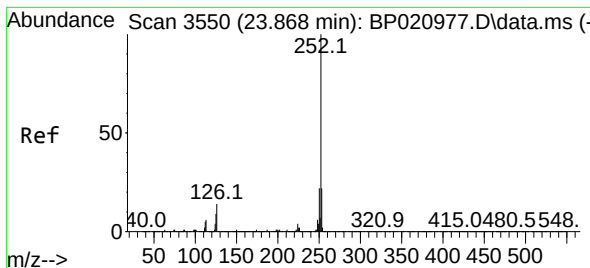


#90
Benzo(b)fluoranthene
Concen: 3.413 ng/ul
RT: 23.804 min Scan# 3539
Delta R.T. 0.023 min
Lab File: BP020986.D
Acq: 16 Jul 2024 11:26



Tgt Ion: 252 Resp: 362309
Ion Ratio Lower Upper
252 100
253 26.2 17.1 25.7#
125 14.6 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 1.158 ng/ul m

RT: 23.869 min Scan# 3550

Delta R.T. 0.018 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

BNA_P

ClientSampleId :

A4BX6

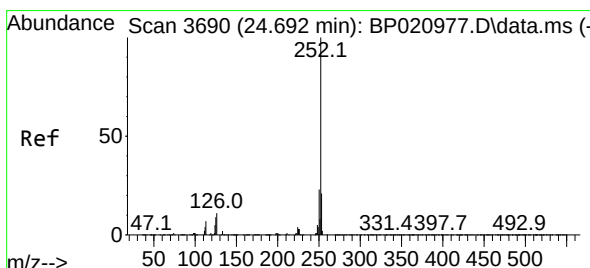
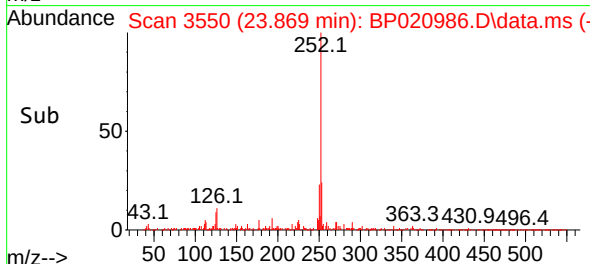
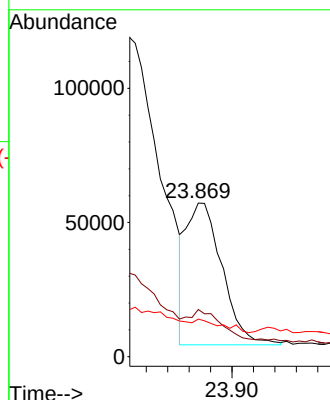
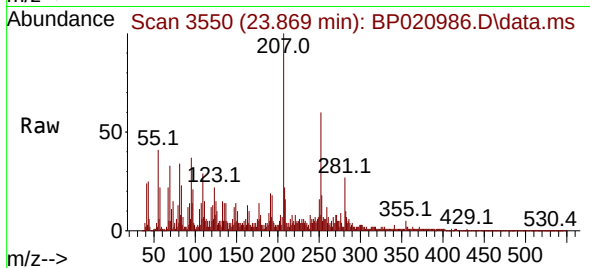
Tgt Ion:	252	Resp:	122650
Ion Ratio	Lower	Upper	
252	100		
253	30.7	17.4	26.2
125	24.4	7.4	11.0

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.789 ng/ul

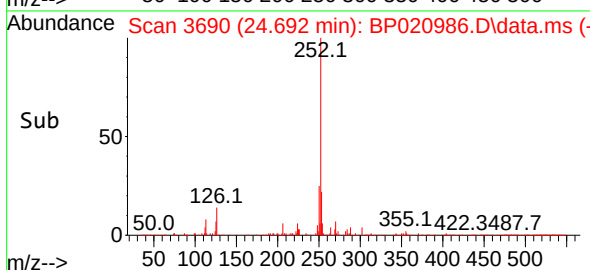
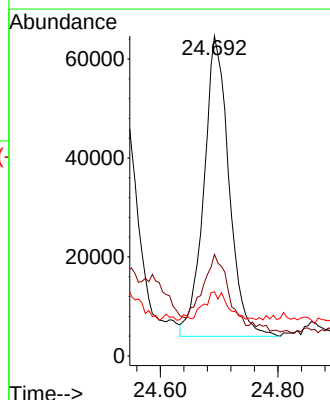
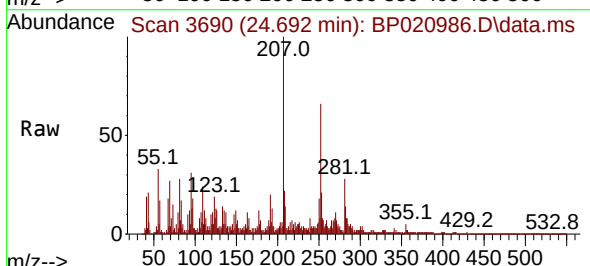
RT: 24.692 min Scan# 3690

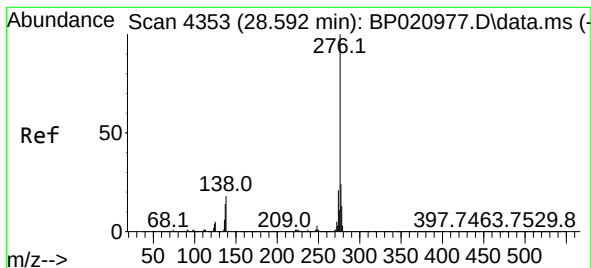
Delta R.T. 0.024 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Tgt Ion:	252	Resp:	179444
Ion Ratio	Lower	Upper	
252	100		
253	31.7	17.4	26.0
125	20.1	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.371 ng/ul

RT: 28.621 min Scan# 4358

Delta R.T. 0.047 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Instrument :

BNA_P

ClientSampleId :

A4BX6

Tgt Ion:276 Resp: 17723

Ion Ratio Lower Upper

276 100

138 28.9 14.3 21.5

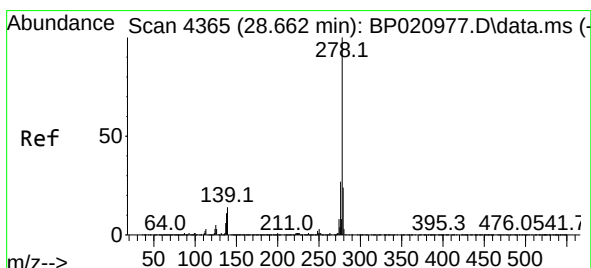
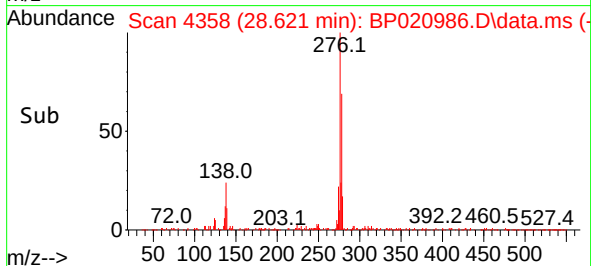
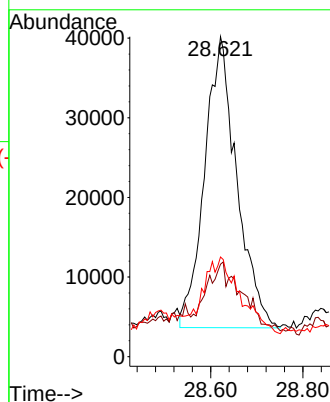
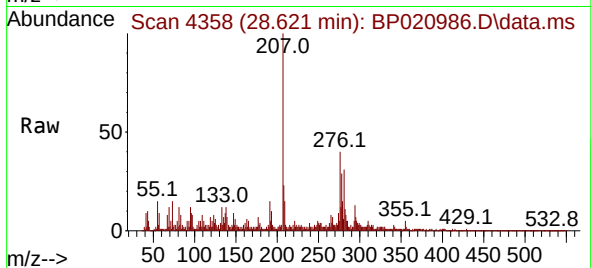
277 31.2 19.2 28.8

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.791 ng/ul

RT: 28.651 min Scan# 4363

Delta R.T. 0.018 min

Lab File: BP020986.D

Acq: 16 Jul 2024 11:26

Tgt Ion:278 Resp: 191663

Ion Ratio Lower Upper

278 100

139 22.7 10.9 16.3#

279 39.7 19.4 29.0#

