

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020060.D
 Acq On : 21 Apr 2024 03:28
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 00:53:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	102107	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	419417	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	283573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	580935	20.000	ng/u1	0.02
79) Chrysene-d12	21.669	240	519626	20.000	ng/u1	0.01
88) Perylene-d12	25.074	264	589422	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	7386	2.964	ng/uL	0.00
4) Pyridine-d5	3.652	84	21137	2.882	ng/u1	0.02
7) Phenol-d5	6.858	99	1241m	0.139	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	6.993	67	126378	20.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	2774m	0.457	ng/u1	0.02
15) 4-Methylphenol-d8	8.363	113	5391	0.776	ng/u1	0.02
21) Nitrobenzene-d5	8.799	128	63007	20.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	69659	21.360	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	1838m	0.284	ng/u1	0.05
31) 4-Chloroaniline-d4	10.622	131	2903m	0.336	ng/u1	0.05
46) Dimethylphthalate-d6	13.728	166	469188	24.210	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	4071	0.176	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	10215m	3.463	ng/u1	0.05
60) Fluorene-d10	15.345	176	52823	3.062	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	34356	10.123	ng/u1	0.01
73) Anthracene-d10	17.275	188	8765m	0.337	ng/u1	0.01
81) Pyrene-d10	19.669	212	3208	0.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	4363	0.152	ng/u1	0.03
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.040	152	56151	2.157	ng/u1	97
61) Fluorene	15.404	166	62813	3.208	ng/u1#	90
72) Phenanthrene	17.216	178	102442	3.396	ng/u1	96
74) Anthracene	17.310	178	129238	4.201	ng/u1	98
77) Carbazole	17.604	167	101014	3.832	ng/u1	97
80) Fluoranthene	19.322	202	195420	5.952	ng/u1	97
85) Benzo(a)anthracene	21.651	228	92643	2.577	ng/u1#	41
87) Chrysene	21.716	228	47915	1.416	ng/u1#	60
90) Benzo(b)fluoranthene	23.992	252	54921	1.546	ng/u1#	55

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

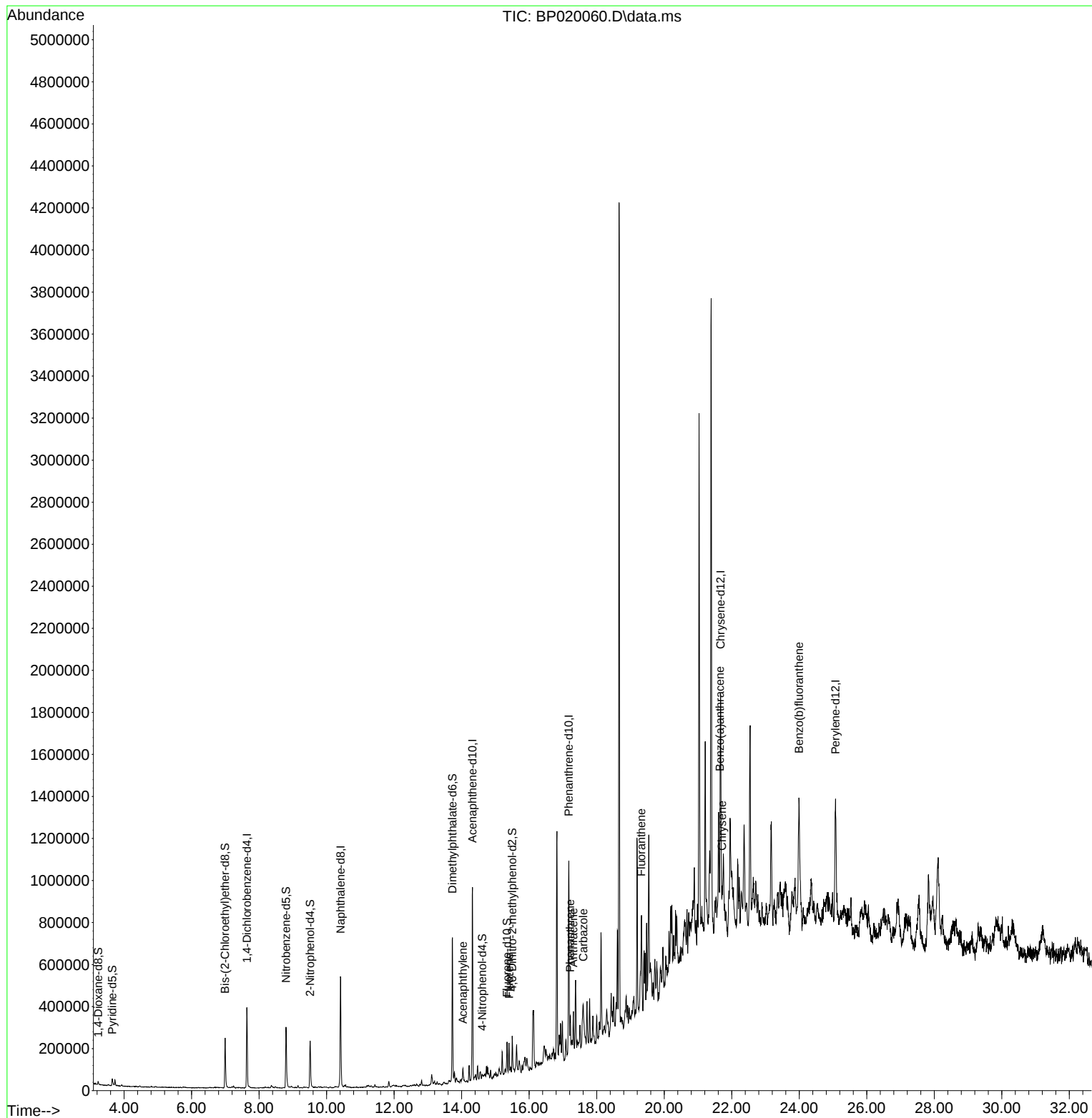
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

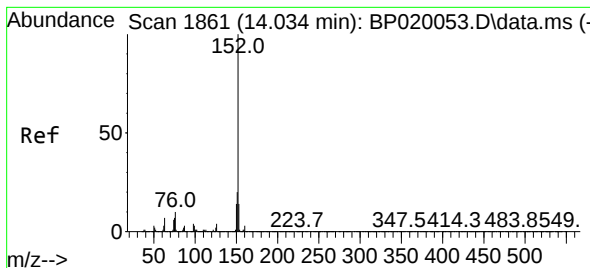
Instrument :
BNA_P
ClientSampleId :
C0AA5

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 2.157 ng/ul

RT: 14.040 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BP020060.D

Acq: 21 Apr 2024 03:28

Instrument :

BNA_P

ClientSampleId :

C0AA5

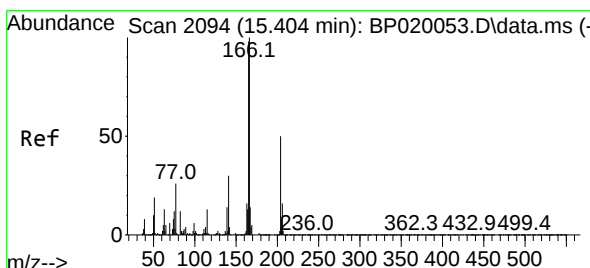
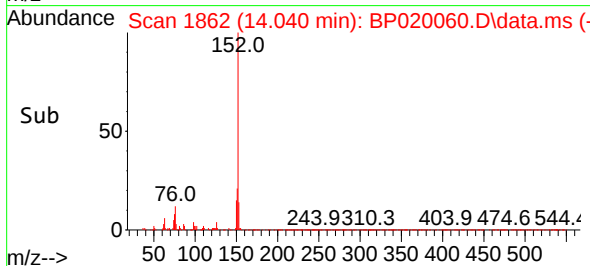
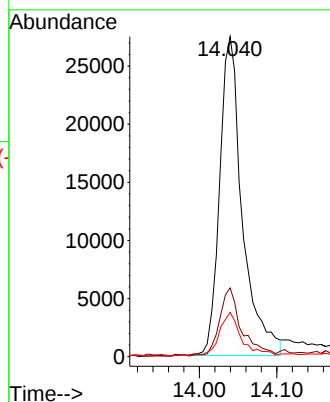
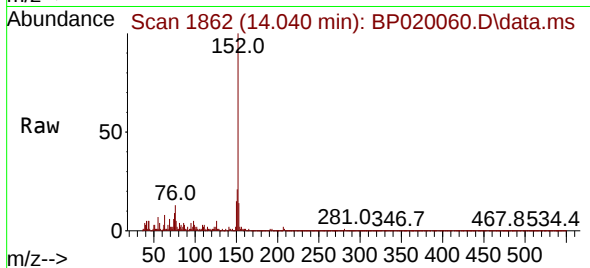
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.4	23.2
153	13.9	10.6	16.0

Manual Integrations

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#61

Fluorene

Concen: 3.208 ng/ul

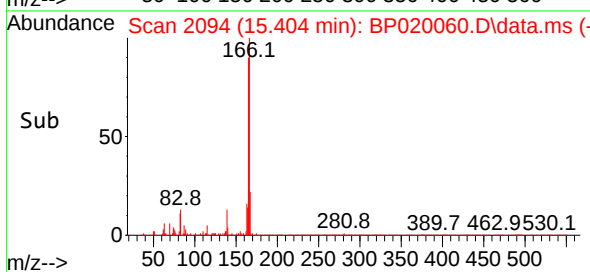
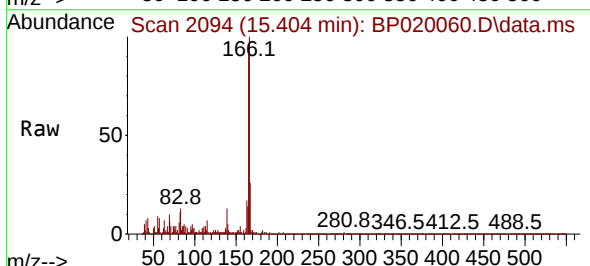
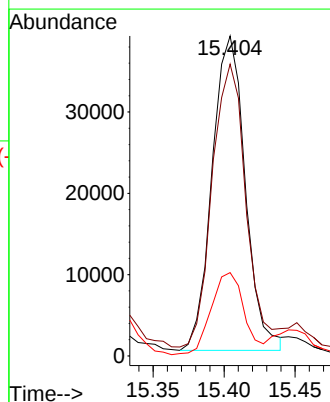
RT: 15.404 min Scan# 2094

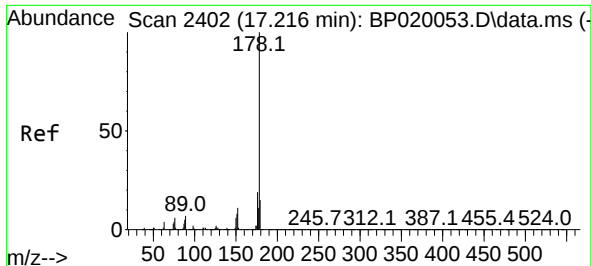
Delta R.T. 0.006 min

Lab File: BP020060.D

Acq: 21 Apr 2024 03:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.2	78.2	117.4
167	26.0	10.9	16.3





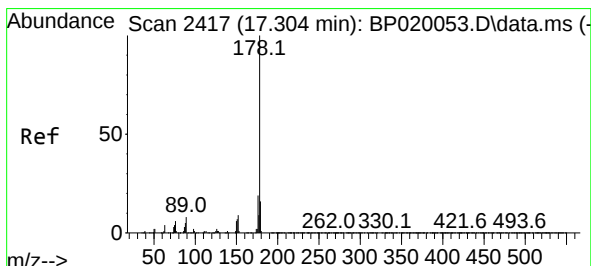
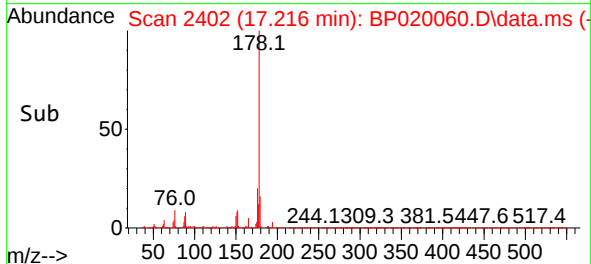
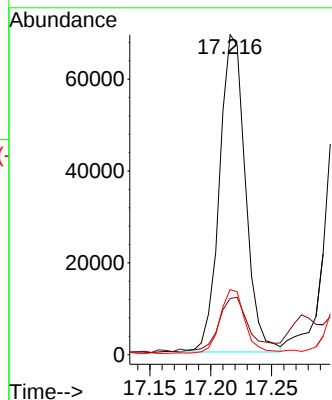
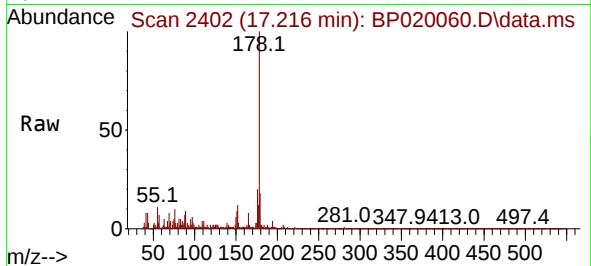
#72
Phenanthrene
Concen: 3.396 ng/u1
RT: 17.216 min Scan# 2402
Delta R.T. 0.018 min
Lab File: BP020060.D
Acq: 21 Apr 2024 03:28

Instrument :
BNA_P
ClientSampleId :
C0AA5

Tgt Ion:178 Resp: 10244
Ion Ratio Lower Upper
178 100
179 17.6 12.2 18.4
176 20.3 15.5 23.3

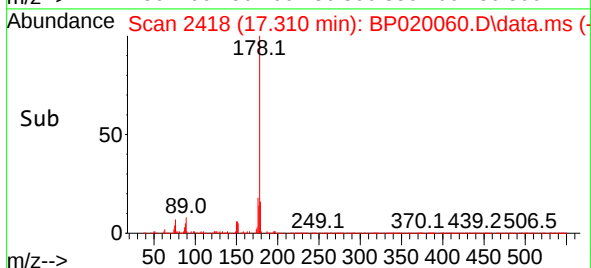
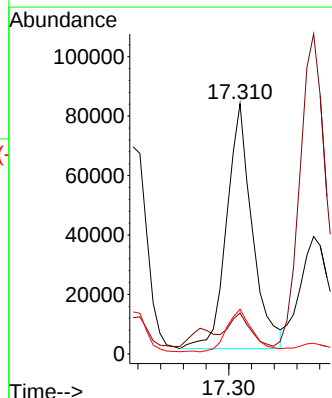
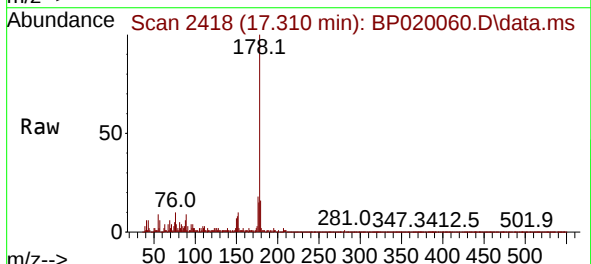
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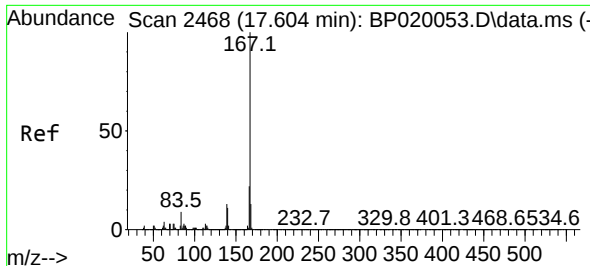
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



#74
Anthracene
Concen: 4.201 ng/u1
RT: 17.310 min Scan# 2418
Delta R.T. 0.012 min
Lab File: BP020060.D
Acq: 21 Apr 2024 03:28

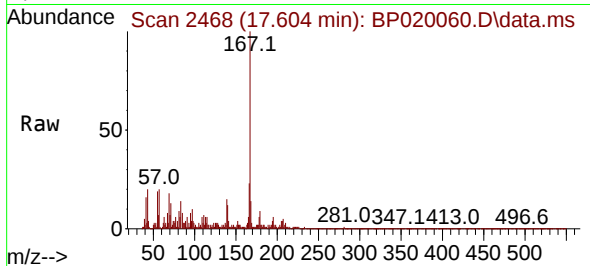
Tgt Ion:178 Resp: 129238
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 17.9 14.6 21.8





#77
 Carbazole
 Concen: 3.832 ng/ul
 RT: 17.604 min Scan# 2468
 Delta R.T. 0.006 min
 Lab File: BP020060.D
 Acq: 21 Apr 2024 03:28

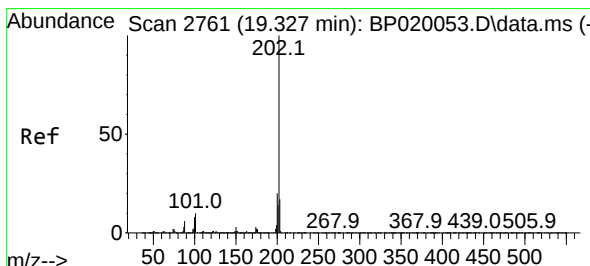
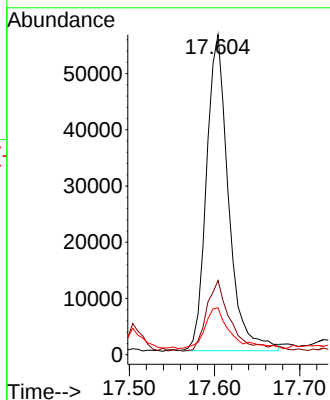
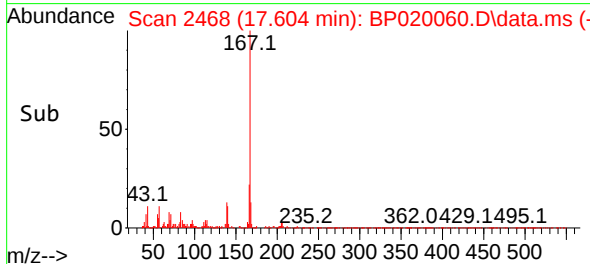
Instrument :
 BNA_P
 ClientSampleId :
 C0AA5



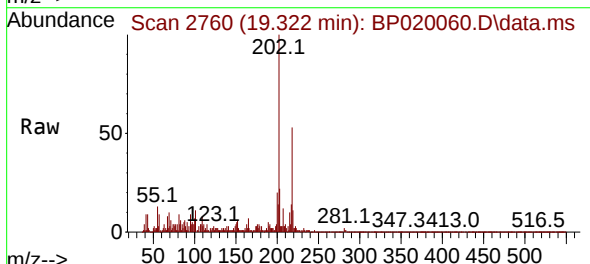
Tgt Ion:167 Resp: 101014
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.2
 139 14.7 10.9 16.3

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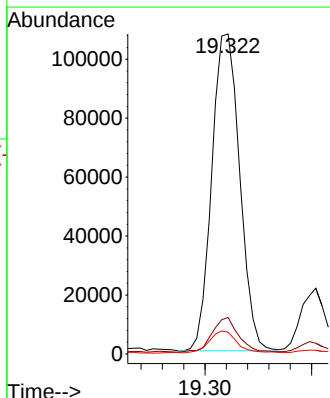
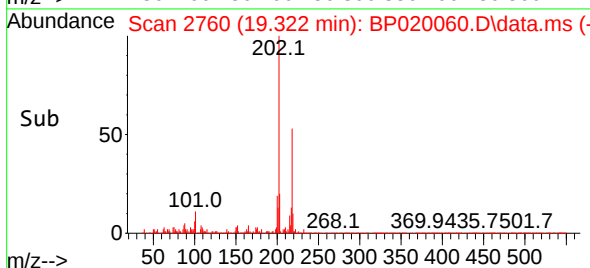
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

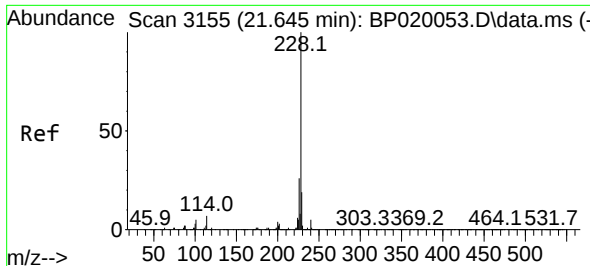


#80
 Fluoranthene
 Concen: 5.952 ng/ul
 RT: 19.322 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BP020060.D
 Acq: 21 Apr 2024 03:28



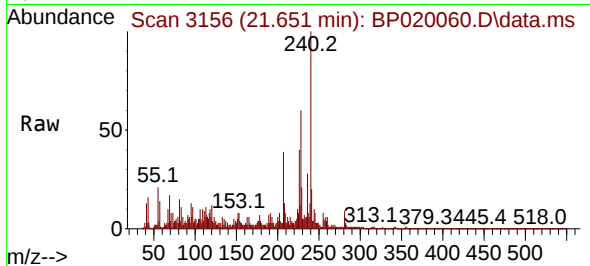
Tgt Ion:202 Resp: 195420
 Ion Ratio Lower Upper
 202 100
 101 11.4 7.7 11.5
 100 6.8 5.7 8.5





#85
Benzo(a)anthracene
Concen: 2.577 ng/ul
RT: 21.651 min Scan# 3155
Delta R.T. 0.018 min
Lab File: BP020060.D
Acq: 21 Apr 2024 03:28

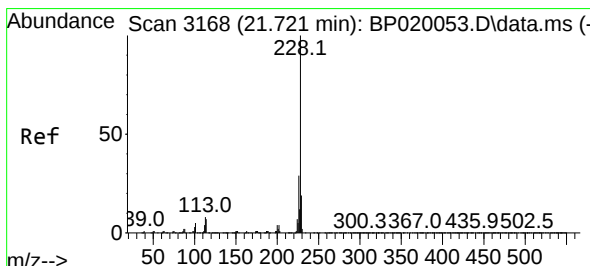
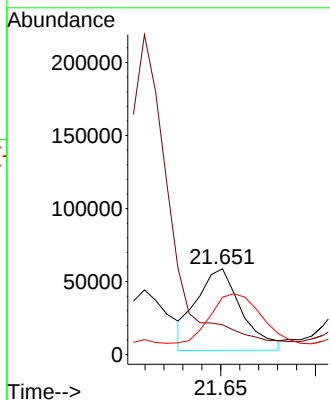
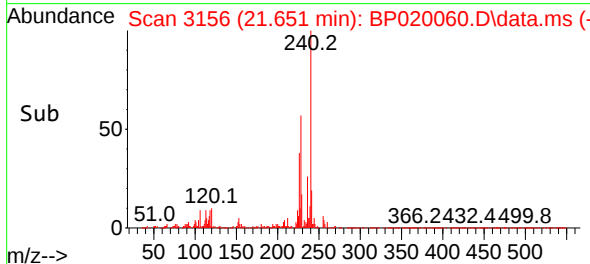
Instrument :
BNA_P
ClientSampleId :
C0AA5



Tgt Ion:228 Resp: 9264
Ion Ratio Lower Upper
228 100
229 34.9 15.7 23.5
226 67.0 21.4 32.0

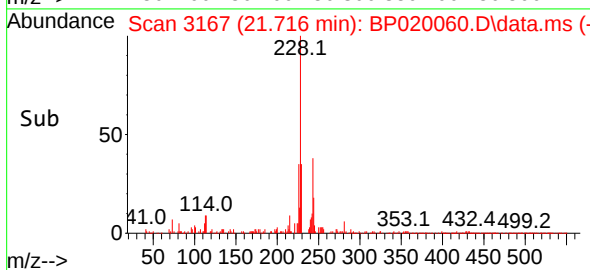
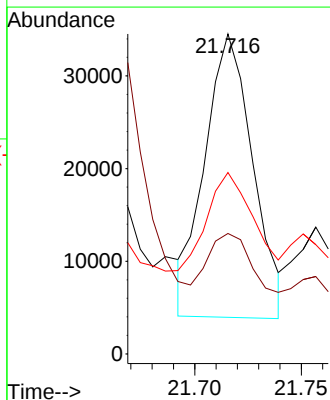
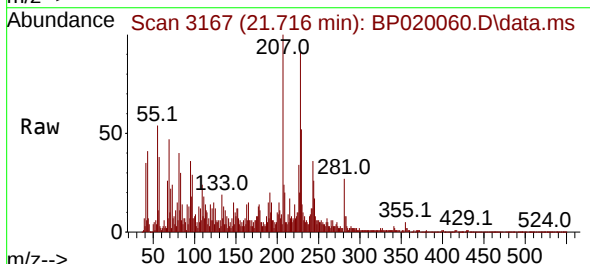
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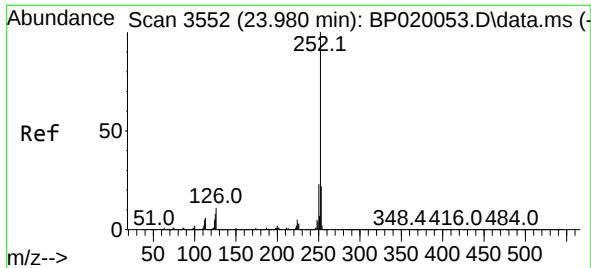
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



#87
Chrysene
Concen: 1.416 ng/ul
RT: 21.716 min Scan# 3167
Delta R.T. 0.006 min
Lab File: BP020060.D
Acq: 21 Apr 2024 03:28

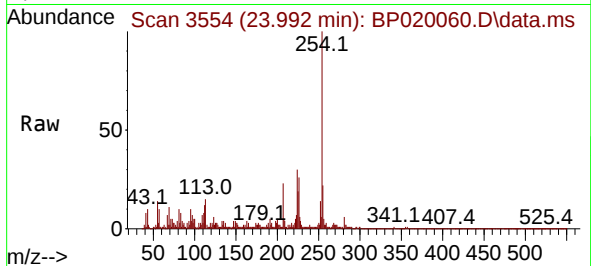
Tgt Ion:228 Resp: 47915
Ion Ratio Lower Upper
228 100
226 37.7 24.2 36.4#
229 56.7 15.4 23.2#





#90
Benzo(b)fluoranthene
Concen: 1.546 ng/ul
RT: 23.992 min Scan# 3554
Delta R.T. 0.018 min
Lab File: BP020060.D
Acq: 21 Apr 2024 03:28

Instrument :
BNA_P
ClientSampleId :
C0AA5



Tgt Ion:252 Resp: 5492
Ion Ratio Lower Upper
252 100
253 43.0 17.8 26.8
125 24.3 5.8 8.6

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