

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020825.D
 Acq On : 06 Jul 2024 18:21
 Operator : MA/JU
 Sample : P3010-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:34:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	273037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	1089624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	697642	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	1498346	20.000	ng/u1	0.00
79) Chrysene-d12	21.628	240	1369227	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1635455	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	21213	3.336	ng/uL	0.00
4) Pyridine-d5	3.693	84	32289	1.742	ng/u1	0.01
7) Phenol-d5	6.922	99	538347	24.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	310897	21.899	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	447894	24.472	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	436383	23.993	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	215270	26.759	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	245187	30.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	446384	26.918	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	382687	16.467	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1344133	27.710	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1532694	26.480	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	207369	27.980	ng/u1	0.02
60) Fluorene-d10	15.369	176	1156733	28.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	161312	21.364	ng/u1	0.01
73) Anthracene-d10	17.269	188	1855248	27.589	ng/u1	0.00
81) Pyrene-d10	19.651	212	1857762	22.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1423380	17.892	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	850979	10.846	ng/u1	100
74) Anthracene	17.304	178	164111	2.033	ng/u1	98
77) Carbazole	17.598	167	85864	1.289	ng/u1	99
80) Fluoranthene	19.304	202	1648819	16.410	ng/u1	98
82) Pyrene	19.681	202	1121908	10.887	ng/u1	99
85) Benzo(a)anthracene	21.610	228	733293	7.641	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.528	149	133570	2.248	ng/u1	97
87) Chrysene	21.675	228	769160	8.479	ng/u1	98
90) Benzo(b)fluoranthene	23.916	252	1047359	10.571	ng/u1	99
91) Benzo(k)fluoranthene	23.980	252	325730	3.250	ng/u1	97
93) Benzo(a)pyrene	24.821	252	371072	3.967	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.774	276	362825m	3.024	ng/u1	
95) Dibenzo(a,h)anthracene	28.839	278	144917m	1.470	ng/u1	

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

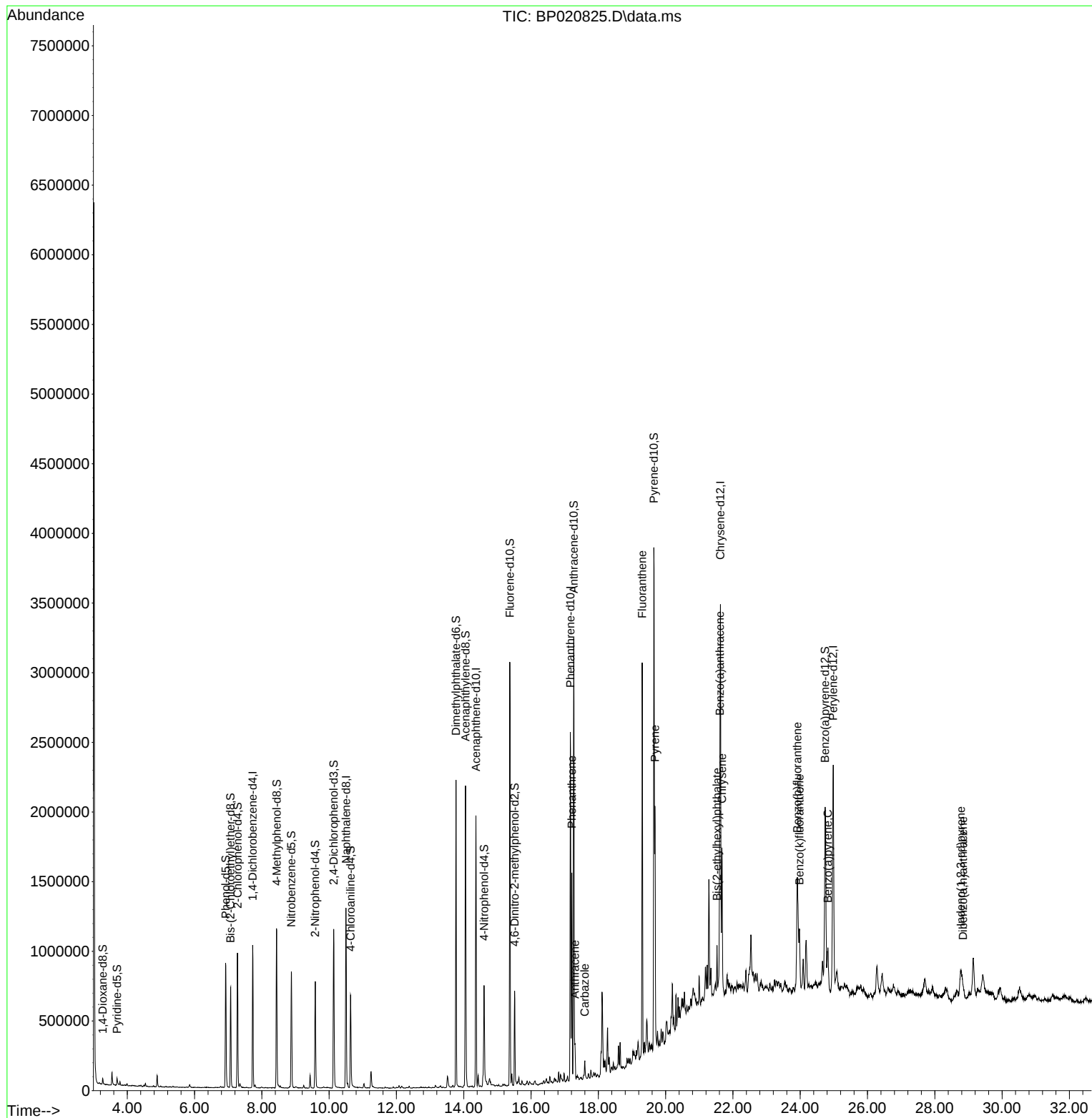
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020825.D
Acq On : 06 Jul 2024 18:21
Operator : MA/JU
Sample : P3010-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

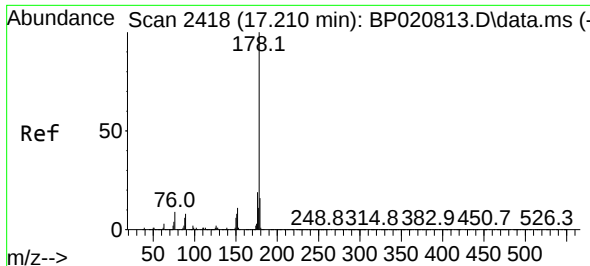
Instrument :
BNA_P
ClientSampleId :
A4BD0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

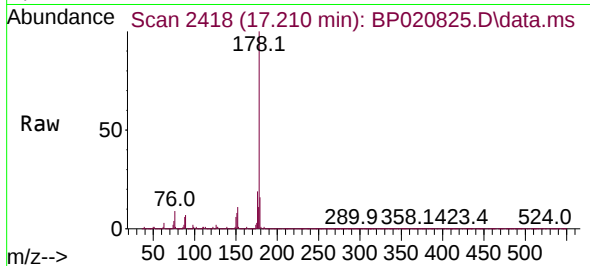
Quant Time: Jul 07 23:34:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.846 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

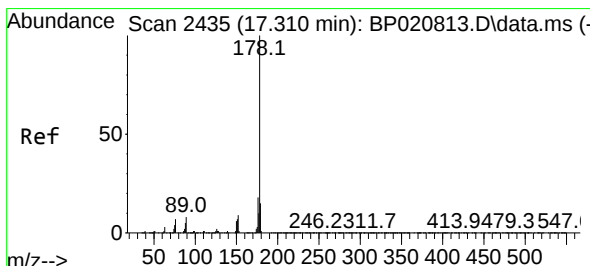
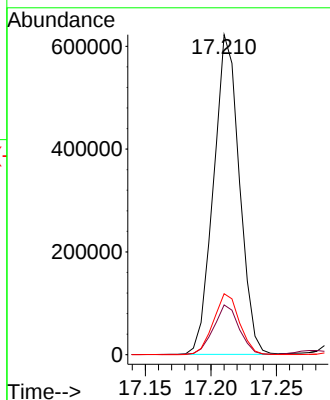
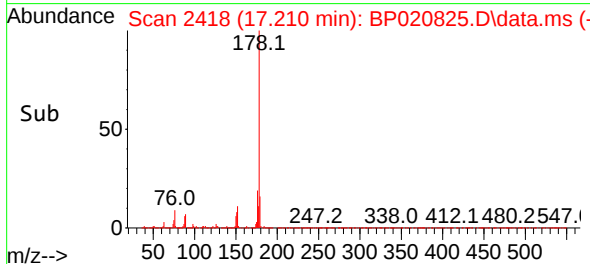
Instrument :
BNA_P
ClientSampleId :
A4BD0



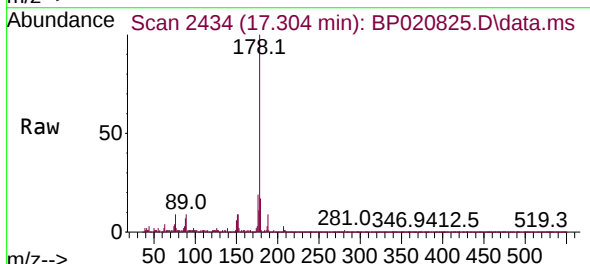
Tgt Ion:178 Resp: 850979
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.1 15.4 23.2

Manual Integrations
APPROVED

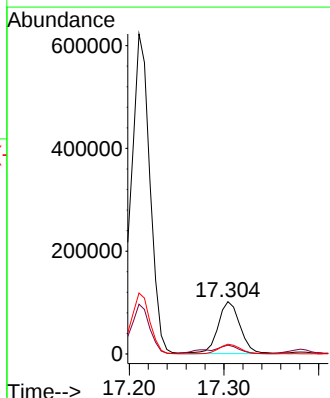
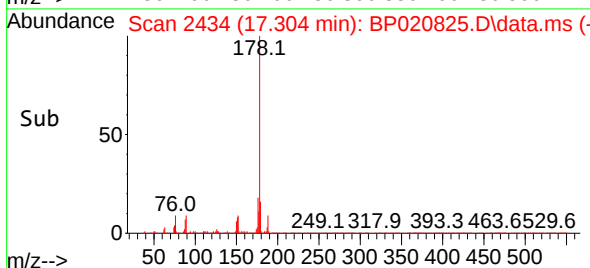
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

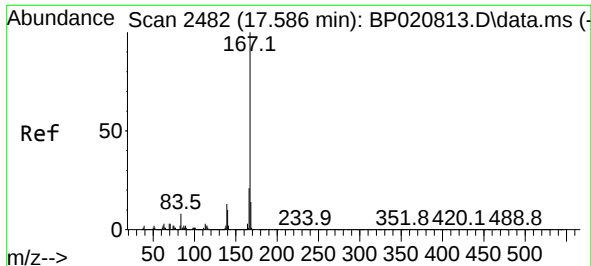


#74
Anthracene
Concen: 2.033 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21



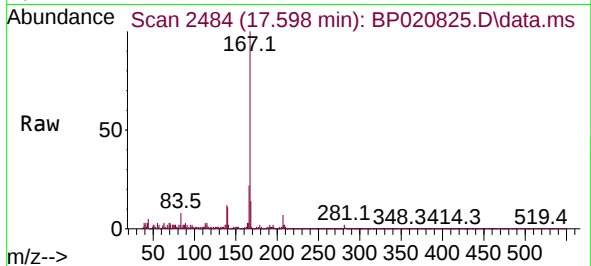
Tgt Ion:178 Resp: 164111
Ion Ratio Lower Upper
178 100
179 16.9 12.1 18.1
176 18.6 15.0 22.4





#77
 Carbazole
 Concen: 1.289 ng/ul
 RT: 17.598 min Scan# 2484
 Delta R.T. 0.012 min
 Lab File: BP020825.D
 Acq: 06 Jul 2024 18:21

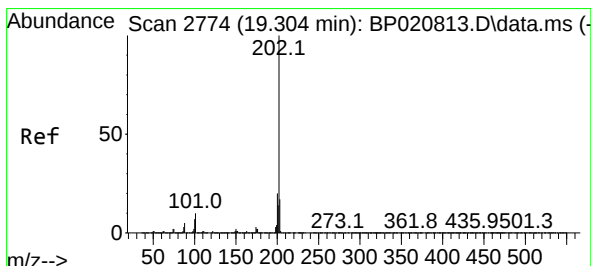
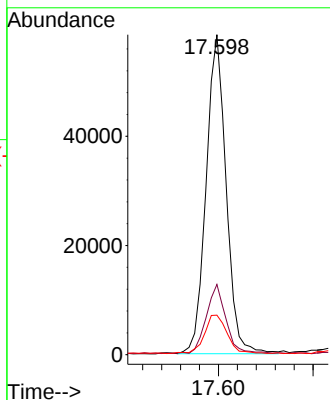
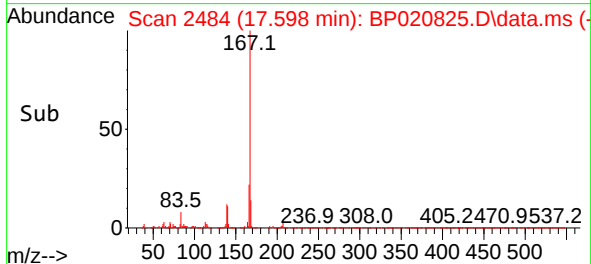
Instrument :
 BNA_P
 ClientSampleId :
 A4BD0



Tgt Ion:167 Resp: 85864
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.3 10.6 16.0

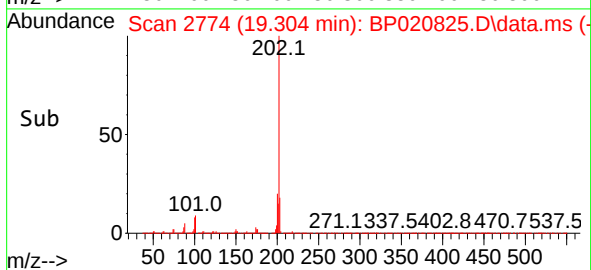
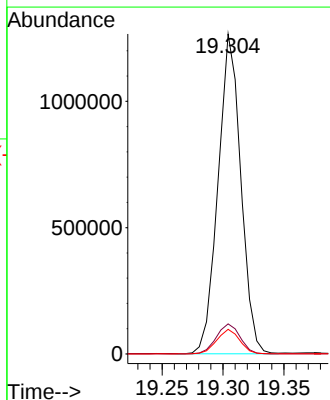
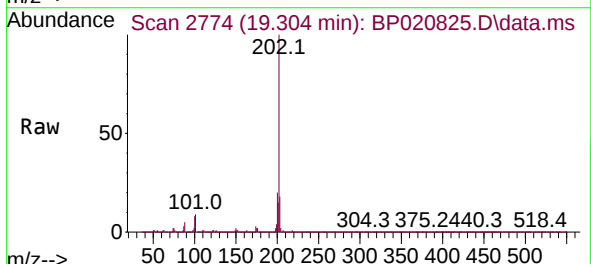
Manual Integrations
 APPROVED

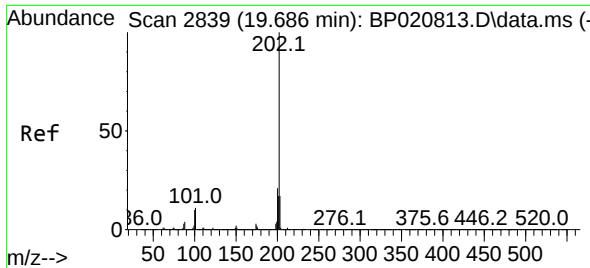
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#80
 Fluoranthene
 Concen: 16.410 ng/ul
 RT: 19.304 min Scan# 2774
 Delta R.T. 0.006 min
 Lab File: BP020825.D
 Acq: 06 Jul 2024 18:21

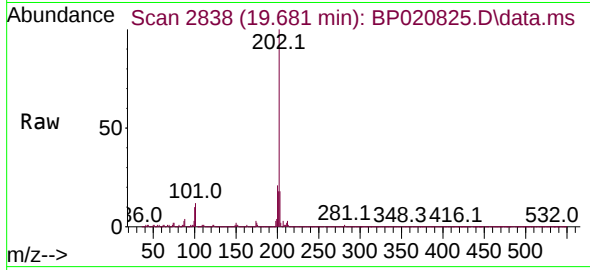
Tgt Ion:202 Resp: 1648819
 Ion Ratio Lower Upper
 202 100
 101 9.4 8.2 12.4
 100 7.7 6.6 10.0





#82
Pyrene
Concen: 10.887 ng/ul
RT: 19.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

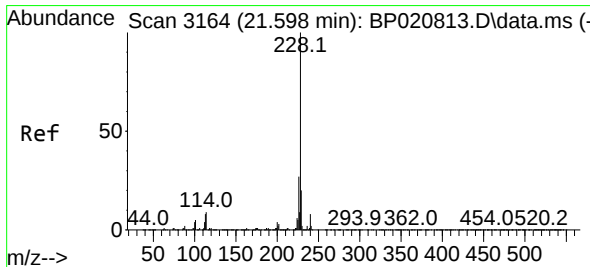
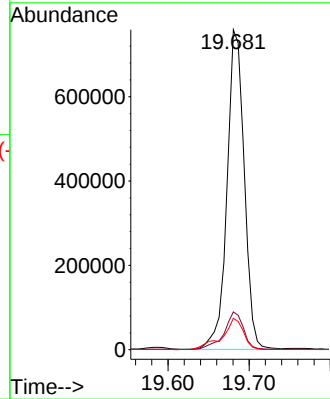
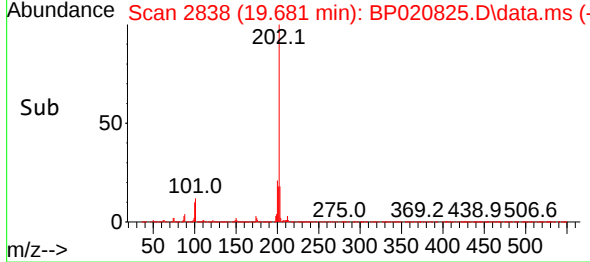
Instrument :
BNA_P
ClientSampleId :
A4BD0



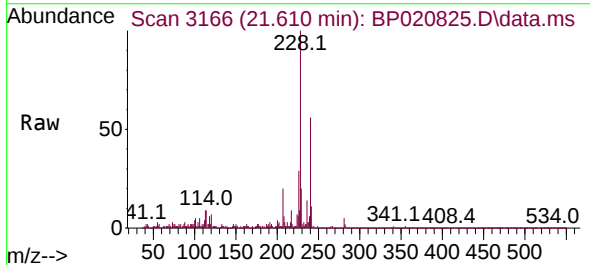
Tgt Ion:202 Resp: 1121908
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.8 7.9 11.9

Manual Integrations
APPROVED

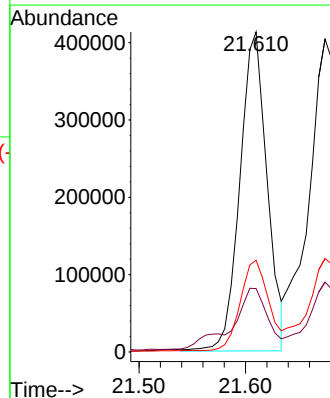
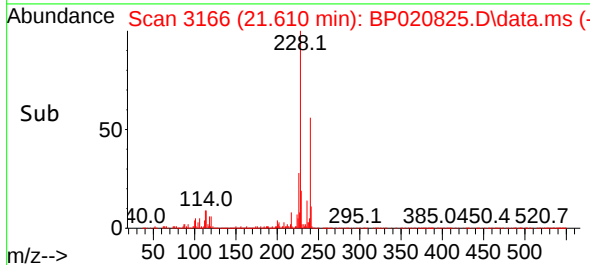
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

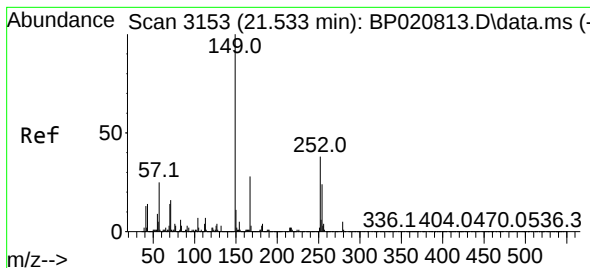


#85
Benzo(a)anthracene
Concen: 7.641 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21



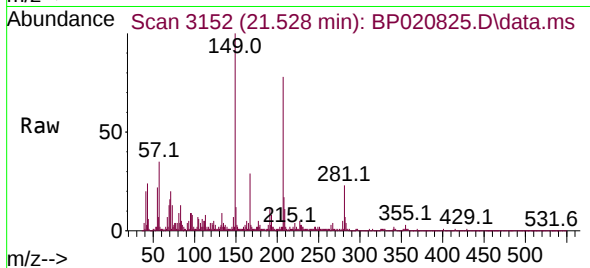
Tgt Ion:228 Resp: 733293
Ion Ratio Lower Upper
228 100
229 19.8 15.2 22.8
226 28.6 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.248 ng/ul
RT: 21.528 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

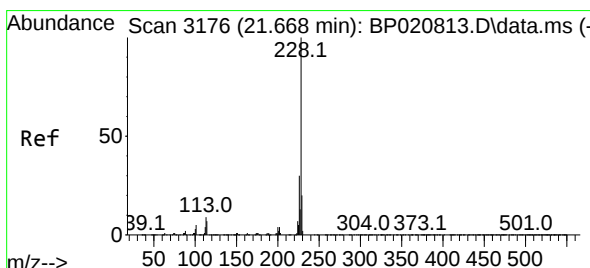
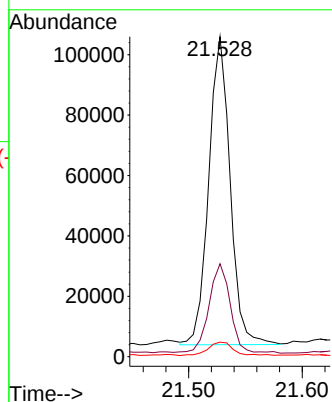
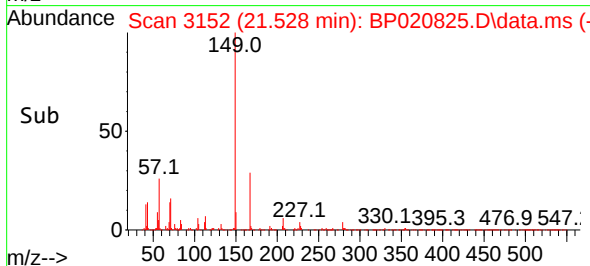
Instrument :
BNA_P
ClientSampleId :
A4BD0



Tgt Ion:149 Resp: 133570
Ion Ratio Lower Upper
149 100
167 29.1 22.0 33.0
279 4.5 3.3 4.9

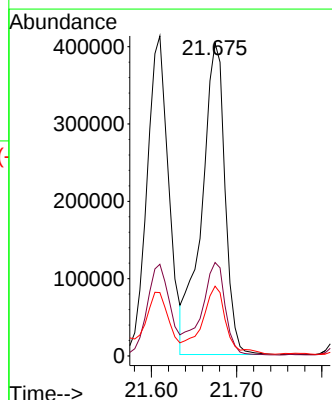
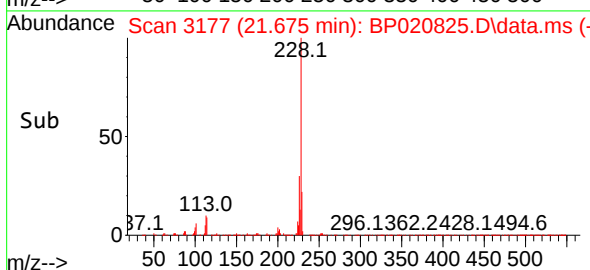
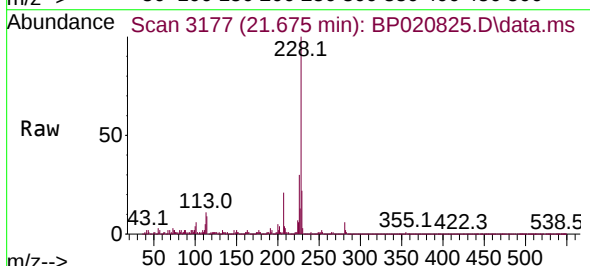
Manual Integrations
APPROVED

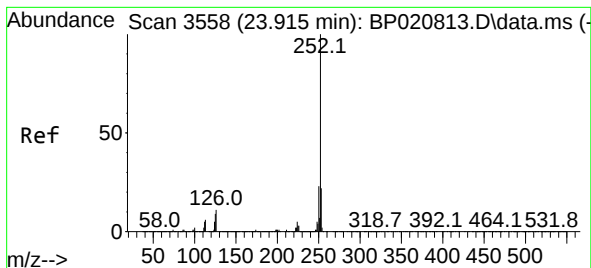
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 8.479 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:228 Resp: 769160
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.3 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 10.571 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020825.D

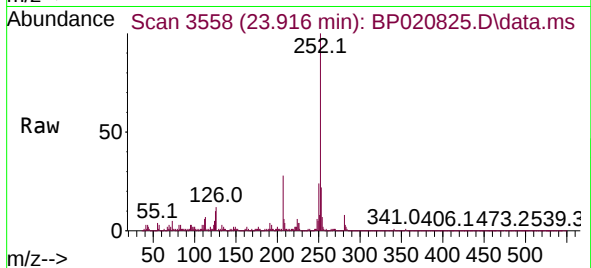
Acq: 06 Jul 2024 18:21

Instrument :

BNA_P

ClientSampleId :

A4BD0



Tgt Ion:252 Resp: 104735

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

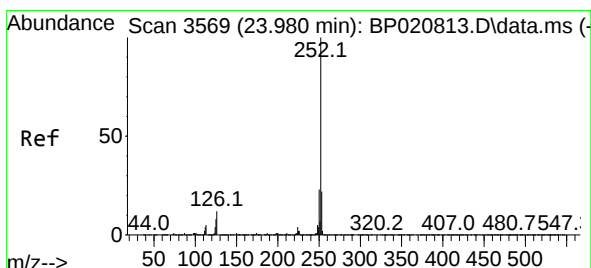
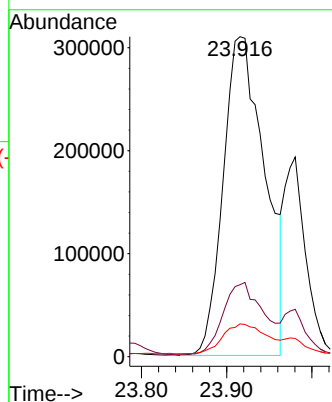
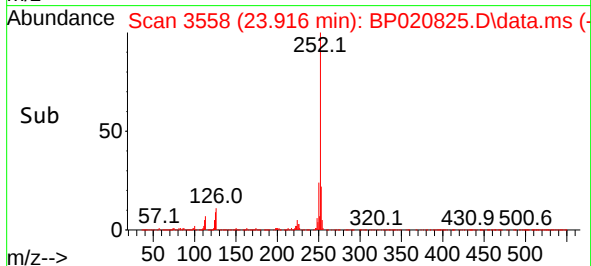
125 10.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#91

Benzo(k)fluoranthene

Concen: 3.250 ng/ul

RT: 23.980 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP020825.D

Acq: 06 Jul 2024 18:21

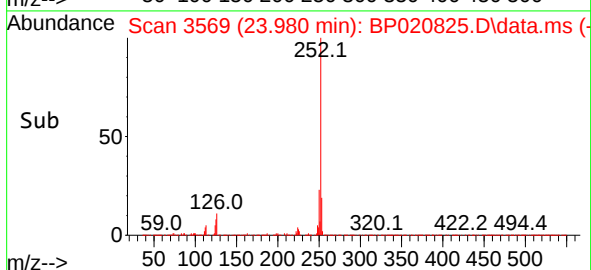
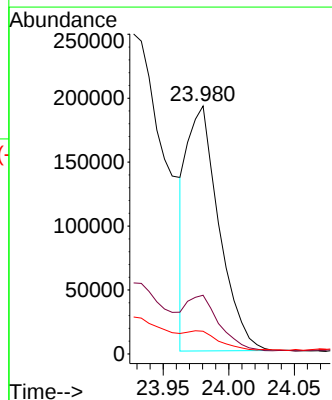
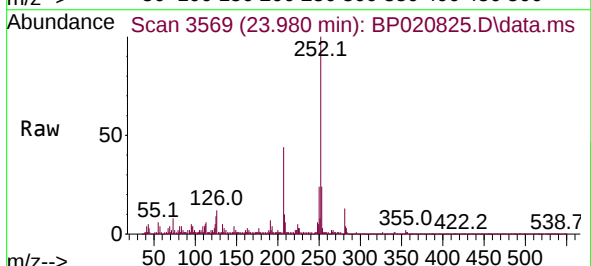
Tgt Ion:252 Resp: 325730

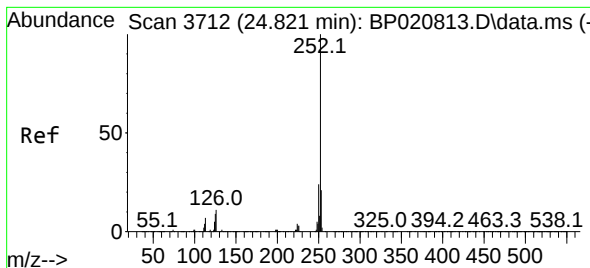
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 9.2 7.9 11.9





#93

Benzo(a)pyrene

Concen: 3.967 ng/ul

RT: 24.821 min Scan# 3712

Delta R.T. 0.012 min

Lab File: BP020825.D

Acq: 06 Jul 2024 18:21

Instrument :

BNA_P

ClientSampleId :

A4BD0

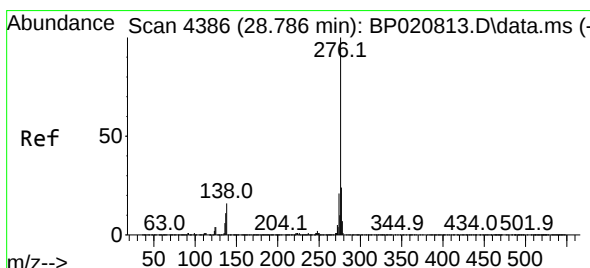
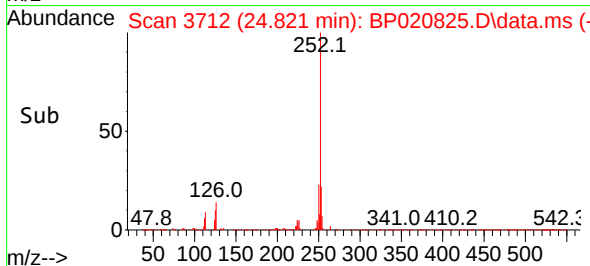
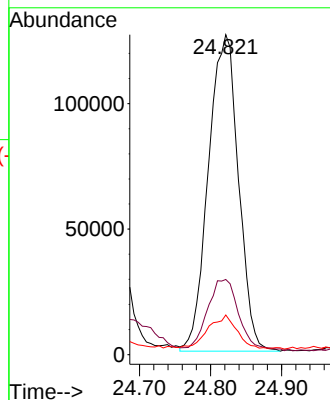
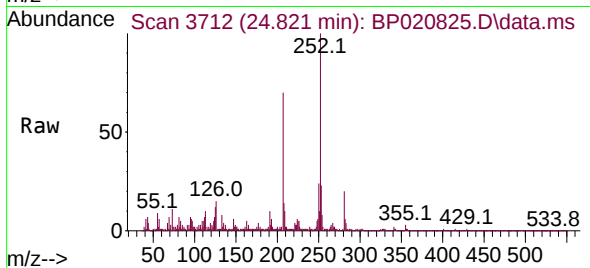
Tgt Ion:	252	Resp:	37107
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	12.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.024 ng/ul m

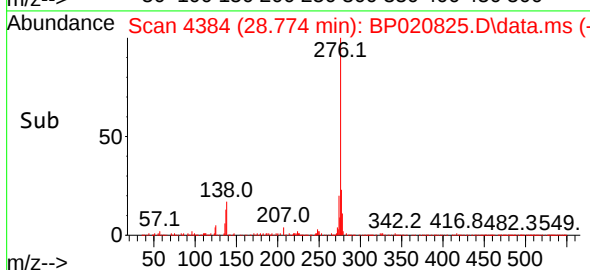
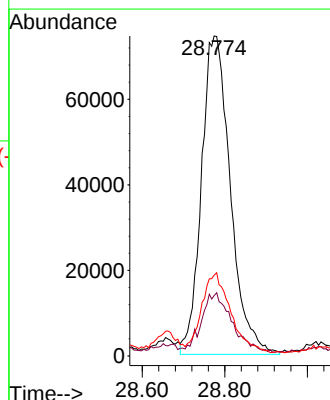
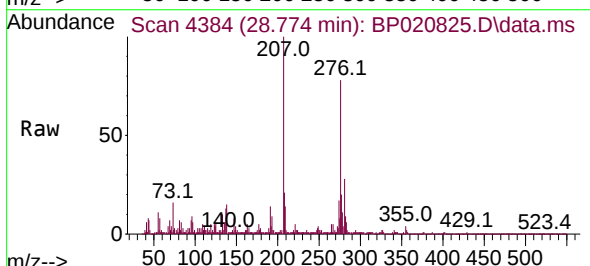
RT: 28.774 min Scan# 4384

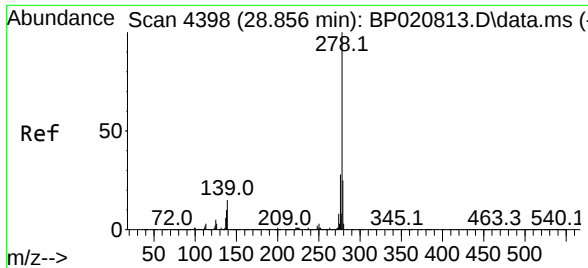
Delta R.T. 0.012 min

Lab File: BP020825.D

Acq: 06 Jul 2024 18:21

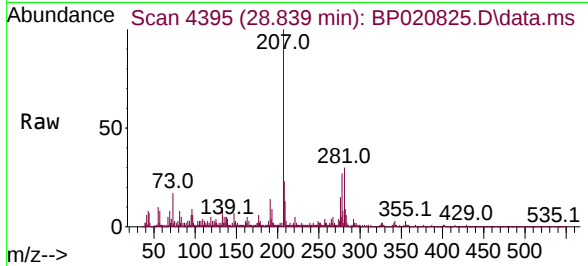
Tgt Ion:	276	Resp:	362825
Ion Ratio	Lower	Upper	
276	100		
138	18.8	15.2	22.8
277	25.3	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.470 ng/ul m
 RT: 28.839 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP020825.D
 Acq: 06 Jul 2024 18:21

Instrument :
 BNA_P
 ClientSampleId :
 A4BD0



Tgt Ion:278 Resp: 14491
 Ion Ratio Lower Upper
 278 100
 139 16.2 11.1 16.7
 279 31.0 18.7 28.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

