

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020851.D
 Acq On : 09 Jul 2024 04:44
 Operator : MA/JU
 Sample : P3035-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CY1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 05:13:03 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	7.734	152	208795	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	866682	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	582349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1224798	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1113465	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1287163	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16303	3.353	ng/uL	0.00
4) Pyridine-d5	3.687	84	32544	2.297	ng/u1	0.00
7) Phenol-d5	6.922	99	411419	24.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	242966	22.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	344483	24.613	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	340944	24.513	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	167964	26.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	197611	30.861	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	357826	27.129	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	242443	13.116	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1106990	27.340	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	1264843	26.179	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	157028	25.382	ng/u1	0.02
60) Fluorene-d10	15.369	176	951823	27.936	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	144588	23.425	ng/u1	0.01
73) Anthracene-d10	17.275	188	1502916	27.341	ng/u1	0.01
81) Pyrene-d10	19.657	212	1540380	23.028	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	1173661	18.745	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	478545	7.461	ng/u1	99
74) Anthracene	17.310	178	91840	1.392	ng/u1	99
80) Fluoranthene	19.304	202	1118778	13.692	ng/u1	99
82) Pyrene	19.686	202	811013	9.678	ng/u1	98
85) Benzo(a)anthracene	21.604	228	494906	6.341	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.533	149	539963	11.176	ng/u1#	99
87) Chrysene	21.669	228	579503	7.856	ng/u1	97
90) Benzo(b)fluoranthene	23.910	252	808484	10.368	ng/u1	98
91) Benzo(k)fluoranthene	23.980	252	243198	3.083	ng/u1	97
93) Benzo(a)pyrene	24.821	252	290044	3.940	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.762	276	293243m	3.106	ng/u1	
95) Dibenzo(a,h)anthracene	28.839	278	100646m	1.297	ng/u1	

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

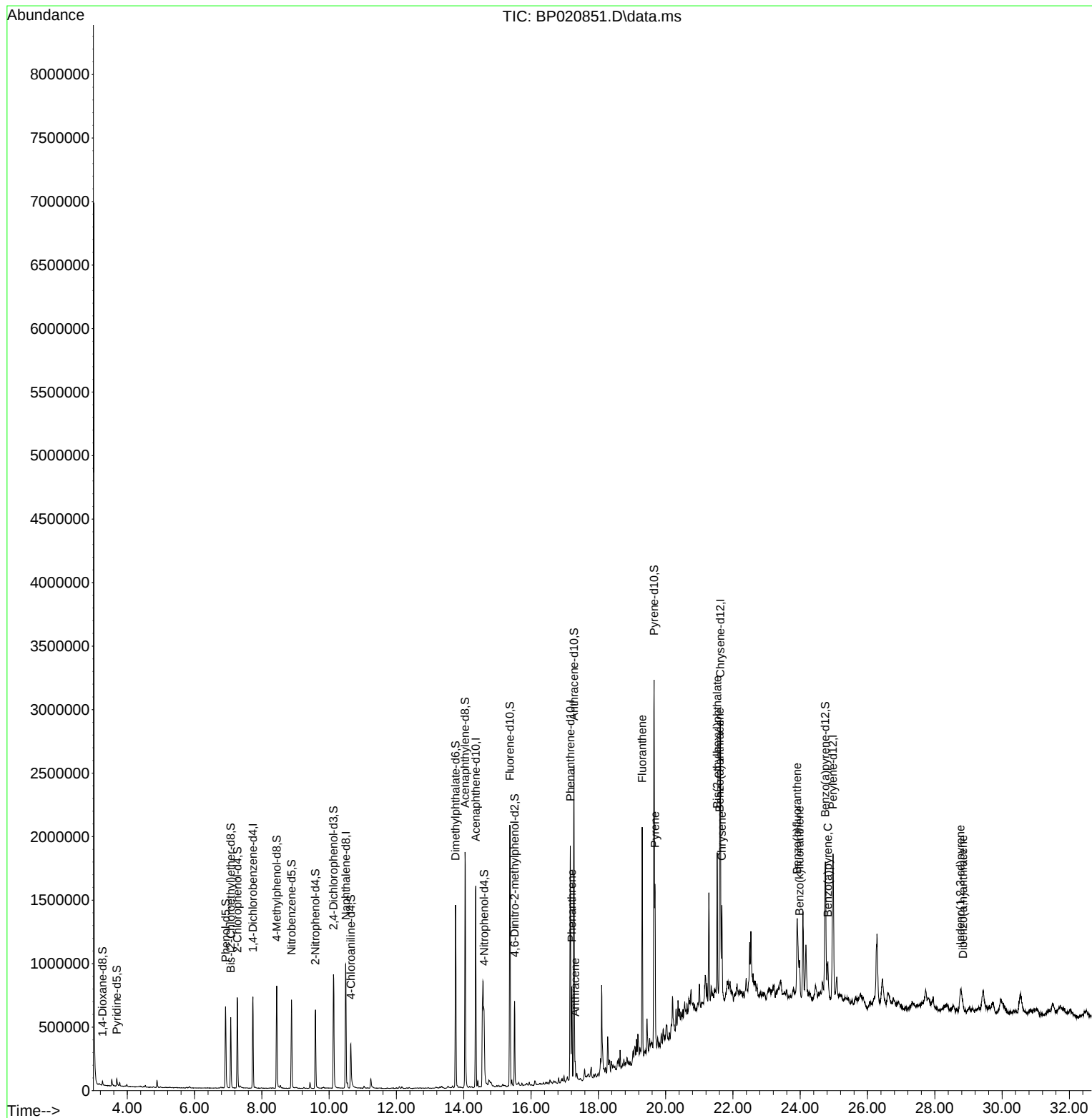
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020851.D
Acq On : 09 Jul 2024 04:44
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

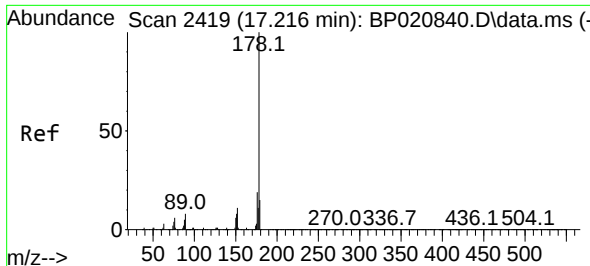
Instrument :
BNA_P
ClientSampleId :
A4CY1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 05:13:03 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





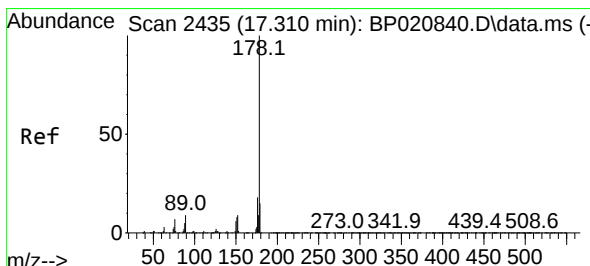
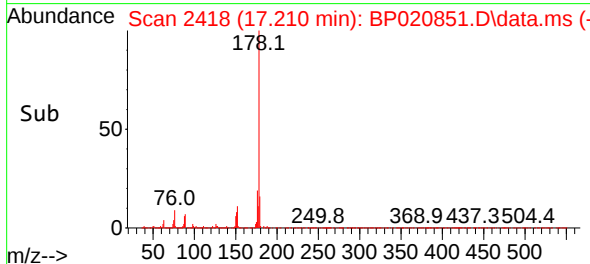
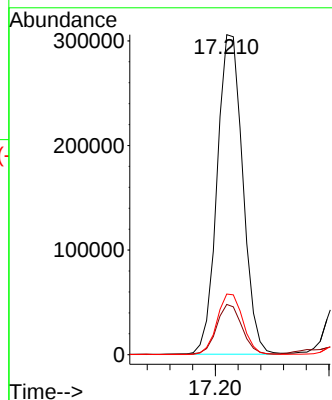
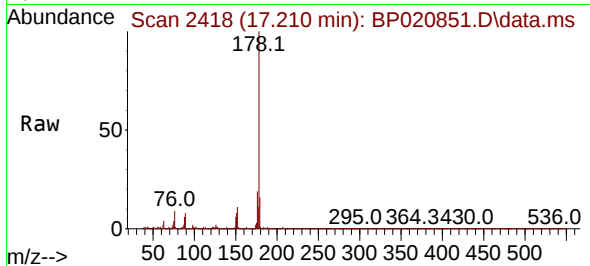
#72
Phenanthrene
Concen: 7.461 ng/ul
RT: 17.210 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

Instrument :
BNA_P
ClientSampleId :
A4CY1

Tgt Ion:178 Resp: 478549
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.4 23.2

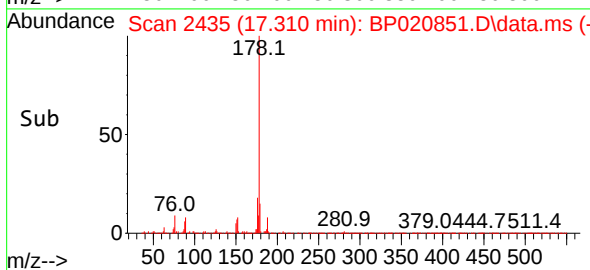
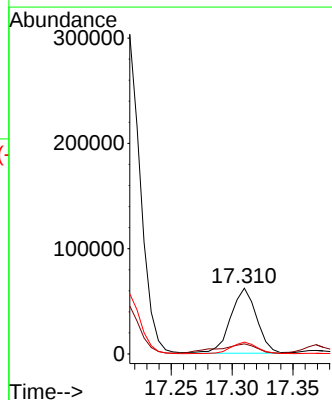
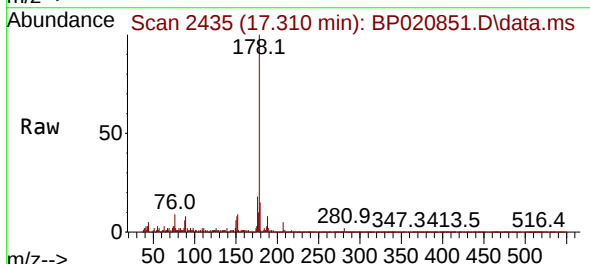
Manual Integrations
APPROVED

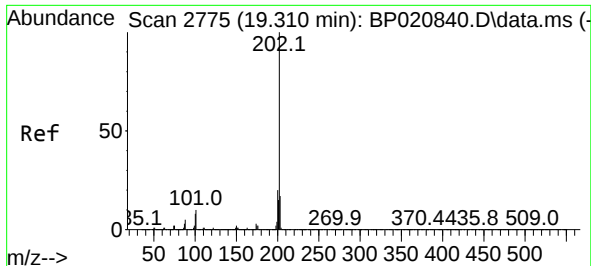
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#74
Anthracene
Concen: 1.392 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

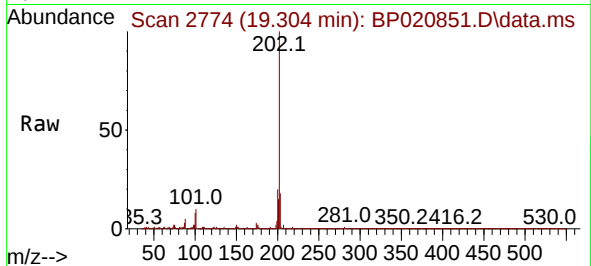
Tgt Ion:178 Resp: 91840
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 17.9 15.0 22.4





#80
Fluoranthene
Concen: 13.692 ng/u1
RT: 19.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

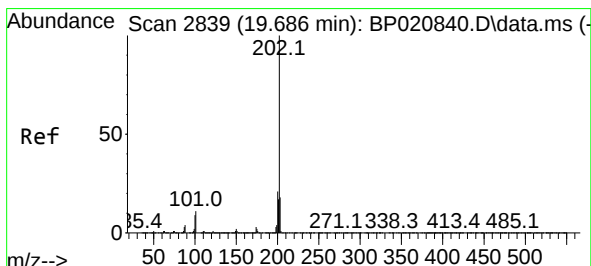
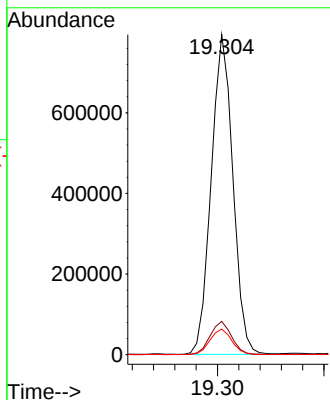
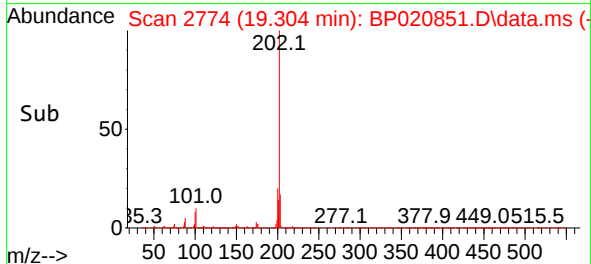
Instrument :
BNA_P
ClientSampleId :
A4CY1



Tgt Ion:202 Resp: 1118778
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 8.0 6.6 10.0

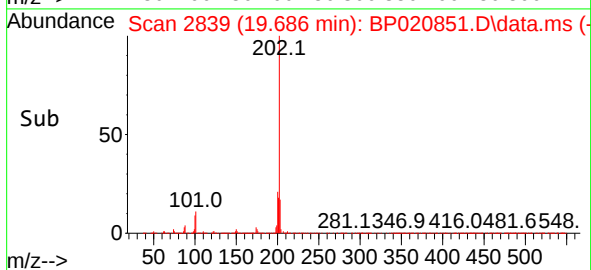
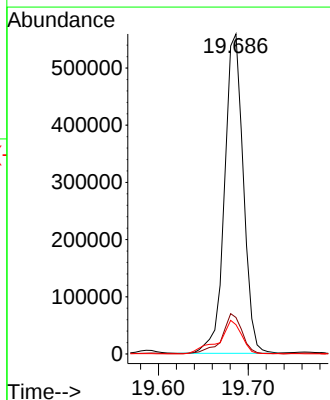
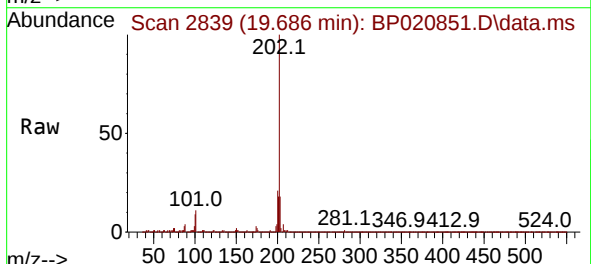
Manual Integrations
APPROVED

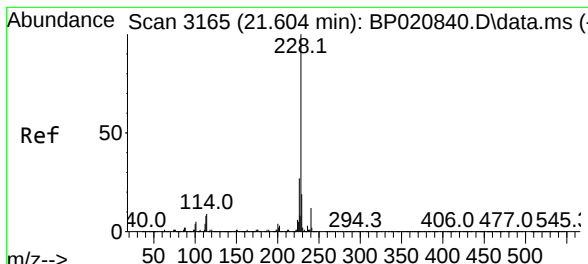
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#82
Pyrene
Concen: 9.678 ng/u1
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

Tgt Ion:202 Resp: 811013
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 9.2 7.9 11.9





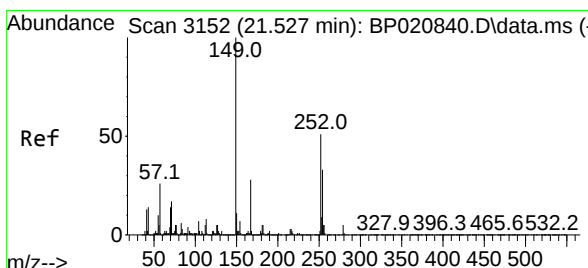
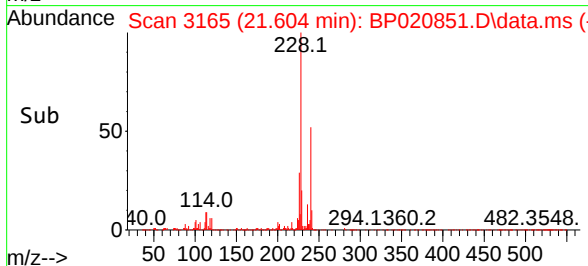
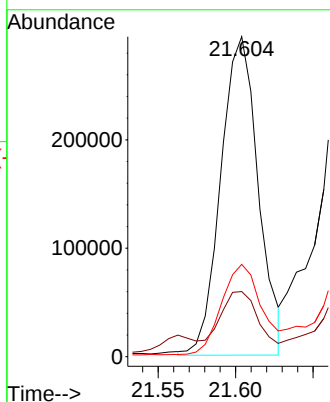
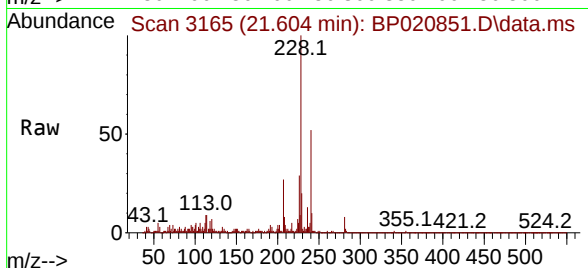
#85
Benzo(a)anthracene
Concen: 6.341 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

Instrument :
BNA_P
ClientSampleId :
A4CY1

Tgt Ion:228 Resp: 494900
Ion Ratio Lower Upper
228 100
229 20.3 15.2 22.8
226 28.8 21.1 31.7

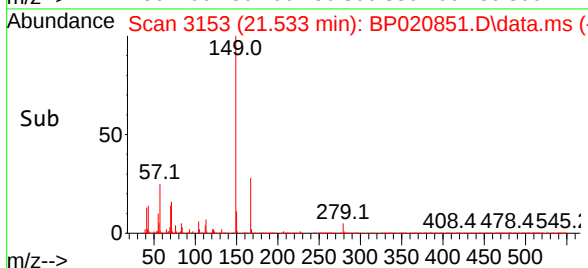
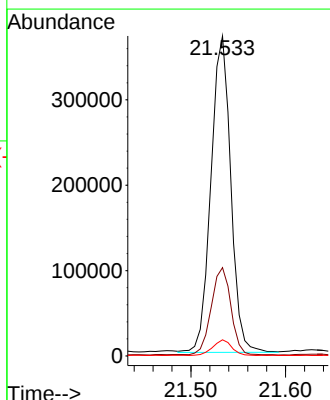
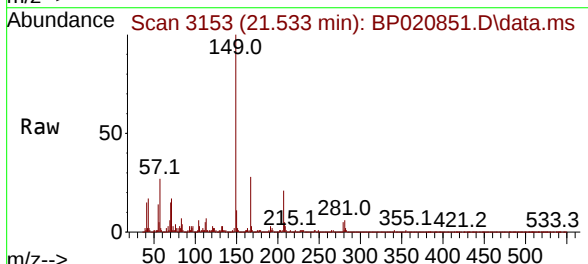
Manual Integrations
APPROVED

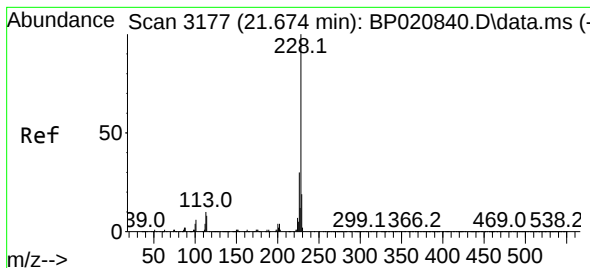
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 11.176 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

Tgt Ion:149 Resp: 539963
Ion Ratio Lower Upper
149 100
167 27.6 22.0 33.0
279 5.1 3.3 4.9





#87

Chrysene

Concen: 7.856 ng/ul

RT: 21.669 min Scan# 3177

Delta R.T. 0.000 min

Lab File: BP020851.D

Acq: 09 Jul 2024 04:44

Instrument :

BNA_P

ClientSampleId :

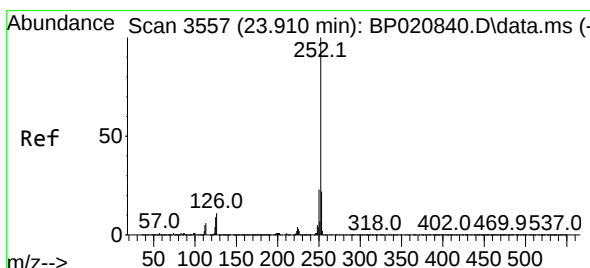
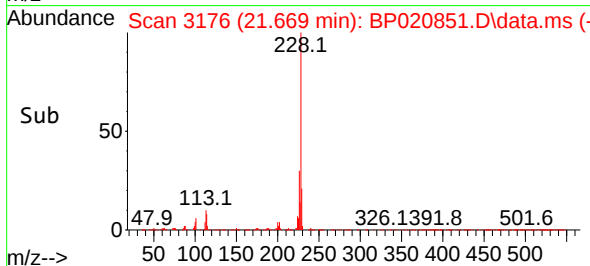
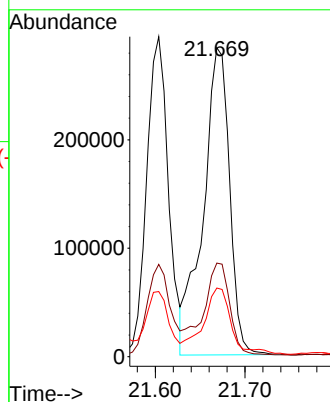
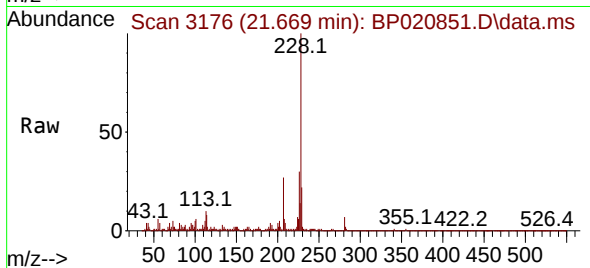
A4CY1

Tgt Ion:	228	Resp:	57950
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	22.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#90

Benzo(b)fluoranthene

Concen: 10.368 ng/ul

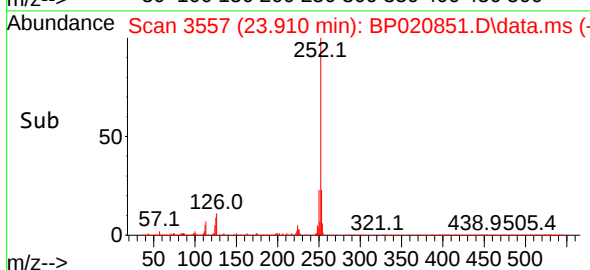
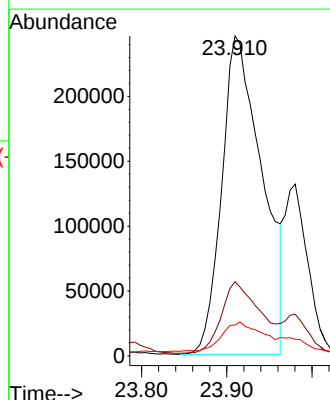
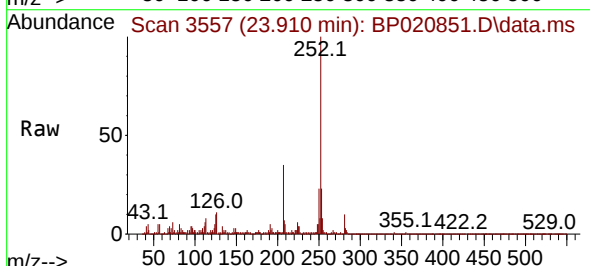
RT: 23.910 min Scan# 3557

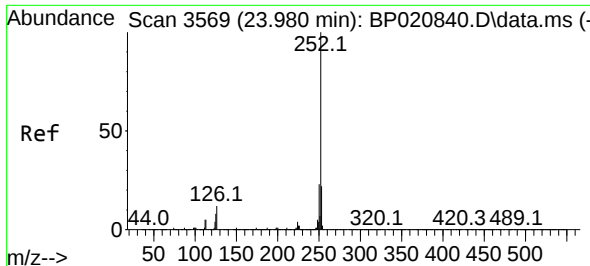
Delta R.T. 0.006 min

Lab File: BP020851.D

Acq: 09 Jul 2024 04:44

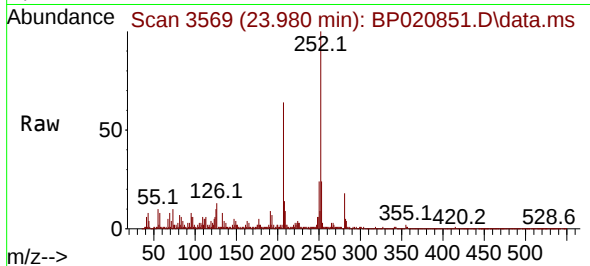
Tgt Ion:	252	Resp:	808484
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	9.6	7.9	11.9





#91
Benzo(k)fluoranthene
Concen: 3.083 ng/u1
RT: 23.980 min Scan# 3569
Delta R.T. 0.006 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

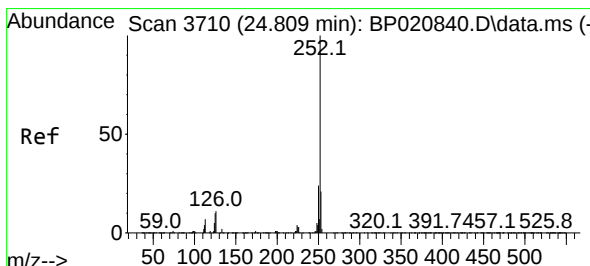
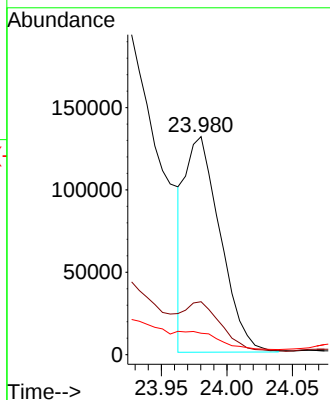
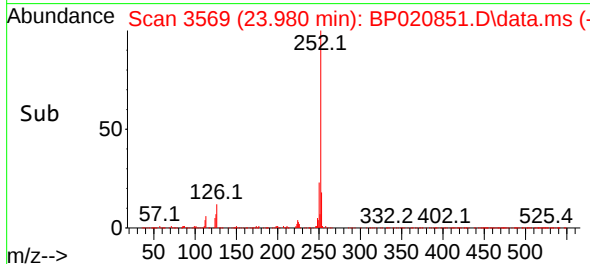
Instrument :
BNA_P
ClientSampleId :
A4CY1



Tgt Ion:252 Resp: 243198
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 9.8 7.9 11.9

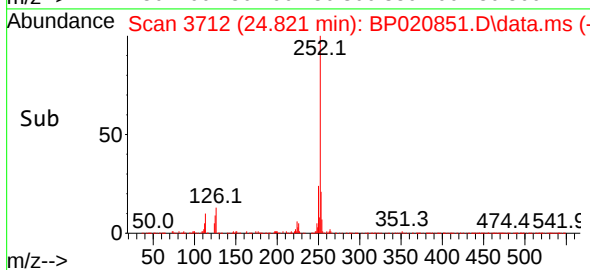
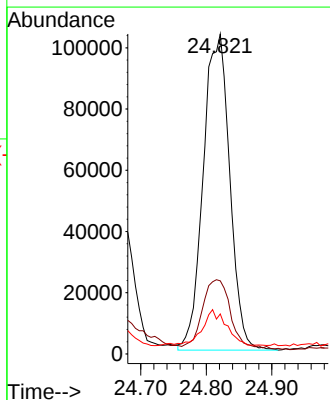
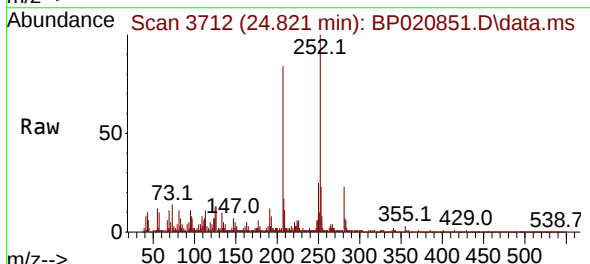
Manual Integrations
APPROVED

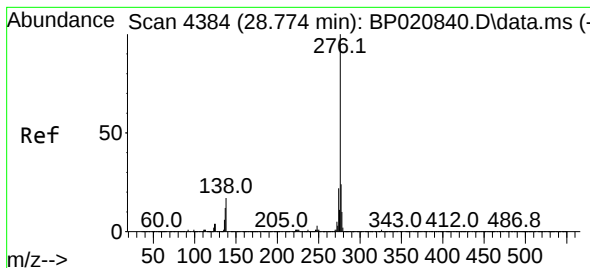
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#93
Benzo(a)pyrene
Concen: 3.940 ng/u1
RT: 24.821 min Scan# 3712
Delta R.T. 0.012 min
Lab File: BP020851.D
Acq: 09 Jul 2024 04:44

Tgt Ion:252 Resp: 290044
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.5 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.106 ng/ul m

RT: 28.762 min Scan# 4382

Delta R.T. -0.000 min

Lab File: BP020851.D

Acq: 09 Jul 2024 04:44

Instrument :

BNA_P

ClientSampleId :

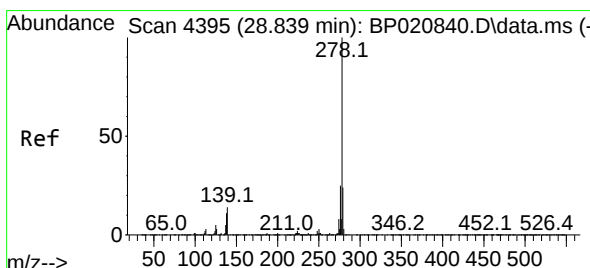
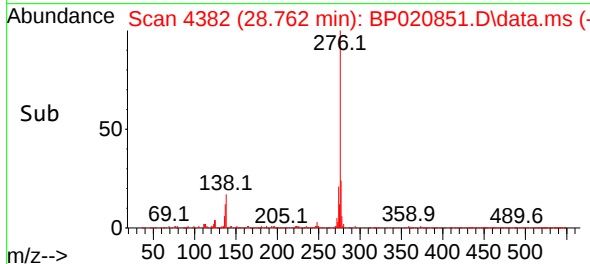
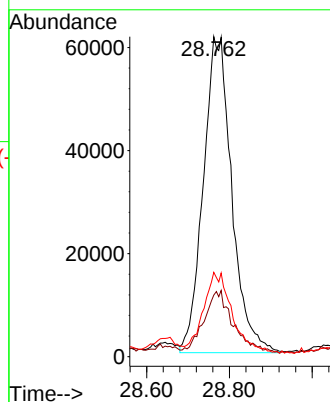
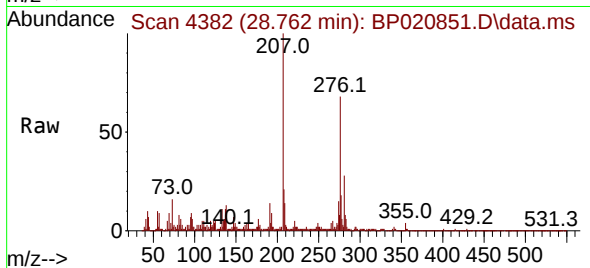
A4CY1

Tgt Ion:	276	Resp:	29324
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.2	22.8
277	26.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.297 ng/ul m

RT: 28.839 min Scan# 4395

Delta R.T. -0.000 min

Lab File: BP020851.D

Acq: 09 Jul 2024 04:44

Tgt Ion:	278	Resp:	100646
Ion Ratio	Lower	Upper	
278	100		
139	17.1	11.1	16.7#
279	29.5	18.7	28.1#

