

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023888.D
 Acq On : 03 Feb 2025 20:37
 Operator : RC/JU
 Sample : Q1190-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44T1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 07:50:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	455675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.552	136	2013969	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.393	164	1274189	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2506693	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	2502218	20.000	ng/u1	0.00
88) Perylene-d12	25.016	264	2636616	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26887	2.452	ng/uL	0.00
4) Pyridine-d5	3.711	84	96328	3.044	ng/u1	0.00
7) Phenol-d5	6.958	99	531974	13.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	303386	14.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.317	132	434869	13.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	344718	10.464	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	212376	13.180	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	215457	12.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	410015	12.855	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	281909	5.910	ng/u1	0.00
46) Dimethylphthalate-d6	13.799	166	1276448	13.430	ng/u1	0.00
49) Acenaphthylene-d8	14.087	160	1426522	13.308	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	144431	7.652	ng/u1	0.00
60) Fluorene-d10	15.398	176	1080375	13.498	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	97031	6.274	ng/u1	0.00
73) Anthracene-d10	17.293	188	1569155	12.749	ng/u1	0.00
81) Pyrene-d10	19.663	212	1541909	11.501	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	955550	6.946	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.981	94	75364	1.820	ng/u1	94
16) Acetophenone	8.587	105	268921	5.340	ng/u1	99
50) Acenaphthylene	14.116	152	124188	1.088	ng/u1	99
72) Phenanthrene	17.234	178	1533731	10.834	ng/u1	99
74) Anthracene	17.328	178	479562	3.359	ng/u1	99
80) Fluoranthene	19.322	202	3738007	24.205	ng/u1	99
82) Pyrene	19.692	202	2676439	16.573	ng/u1	97
85) Benzo(a)anthracene	21.616	228	1767244	10.741	ng/u1	97
87) Chrysene	21.686	228	1513387	9.982	ng/u1	97
90) Benzo(b)fluoranthene	23.945	252	1698561	10.617	ng/u1	98
91) Benzo(k)fluoranthene	24.004	252	669146m	4.172	ng/u1	
93) Benzo(a)pyrene	24.845	252	732424	4.902	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.827	276	554465	2.863	ng/u1	96
95) Dibenzo(a,h)anthracene	28.915	278	218465m	1.391	ng/u1	

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

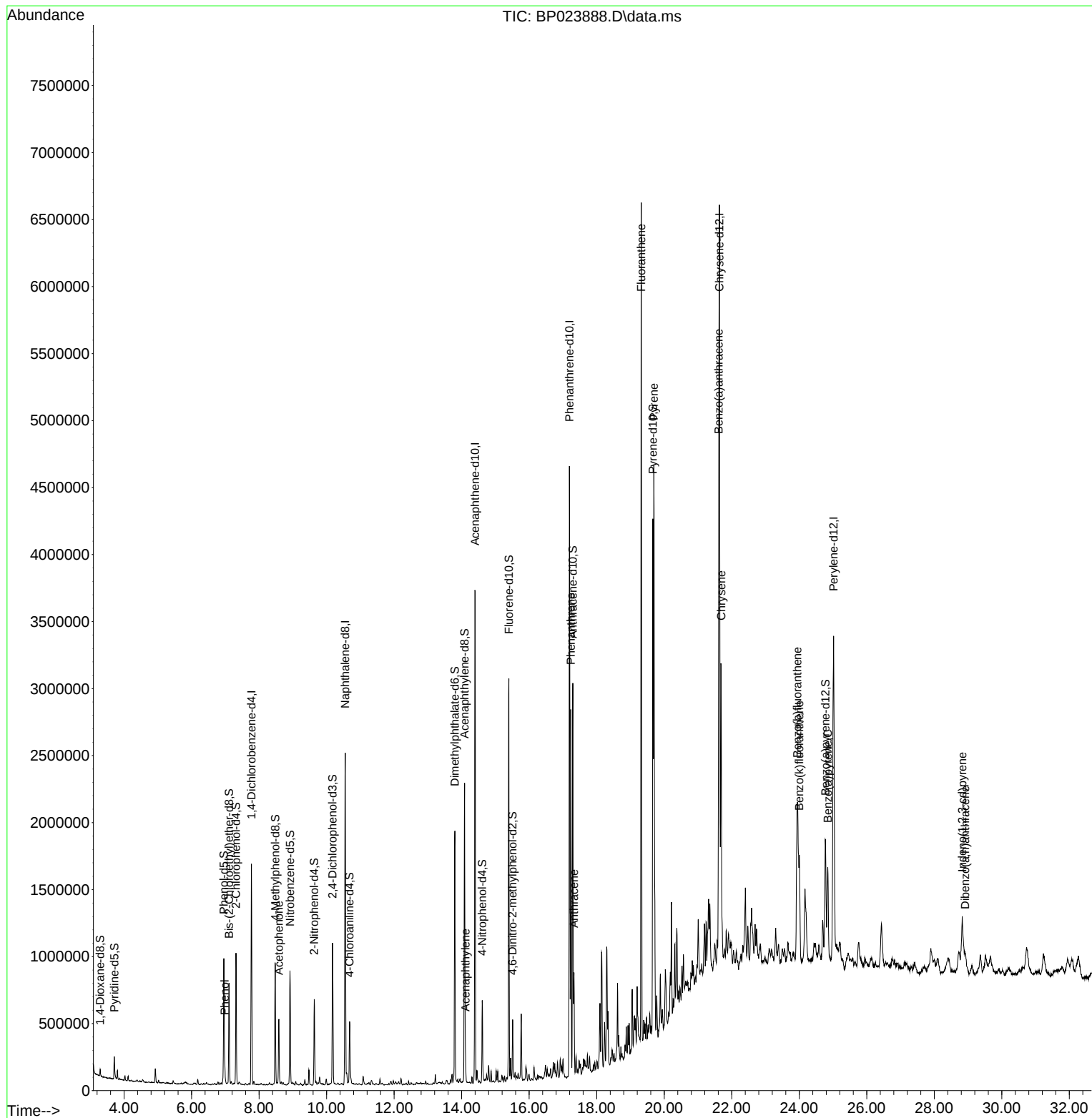
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023888.D
 Acq On : 03 Feb 2025 20:37
 Operator : RC/JU
 Sample : Q1190-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

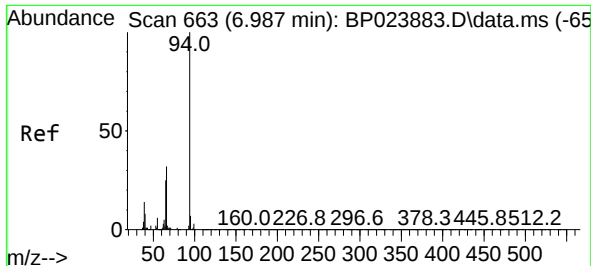
Instrument :
 BNA_P
 ClientSampleId :
 A44T1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 07:50:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration





#8

Phenol

Concen: 1.820 ng/ul

RT: 6.981 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_P

ClientSampleId :

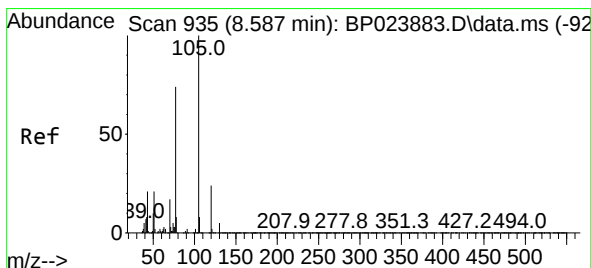
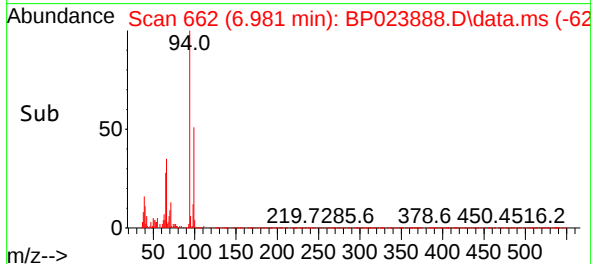
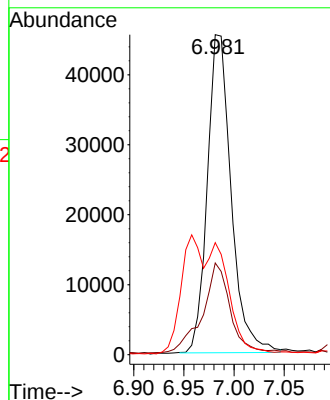
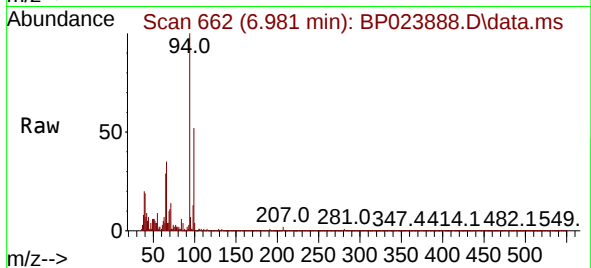
A44T1

Tgt Ion: 94	Resp: 7536
Ion Ratio	Lower Upper
94 100	
65 28.7	20.1 30.1
66 35.0	26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#16

Acetophenone

Concen: 5.340 ng/ul

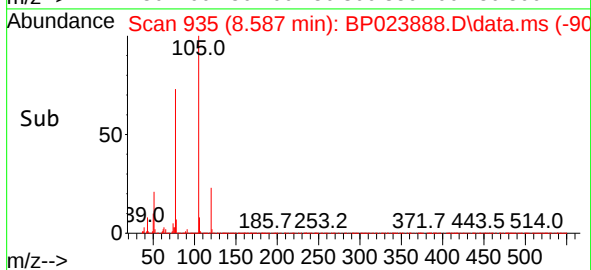
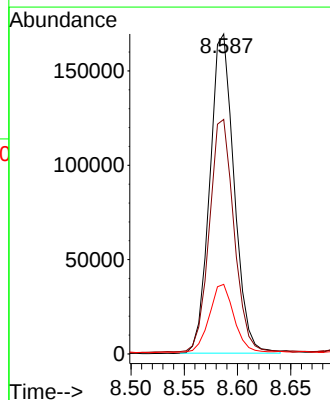
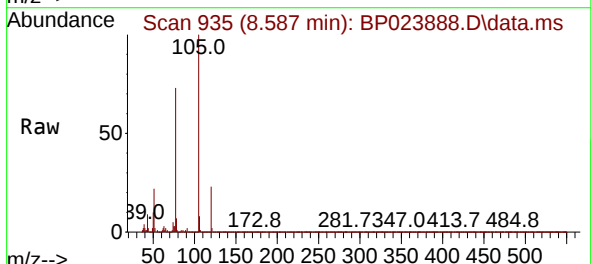
RT: 8.587 min Scan# 935

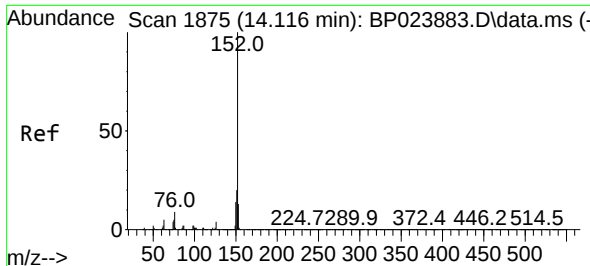
Delta R.T. 0.006 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

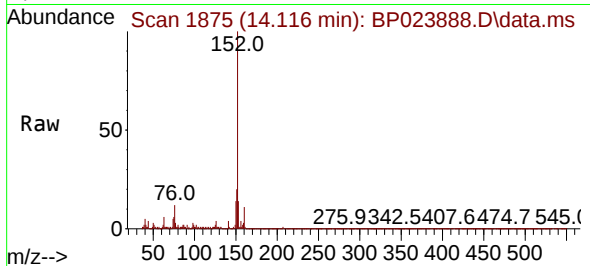
Tgt Ion:105	Resp: 268921
Ion Ratio	Lower Upper
105 100	
77 73.3	58.6 87.8
51 21.7	16.6 24.8





#50
Acenaphthylene
Concen: 1.088 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP023888.D
Acq: 03 Feb 2025 20:37

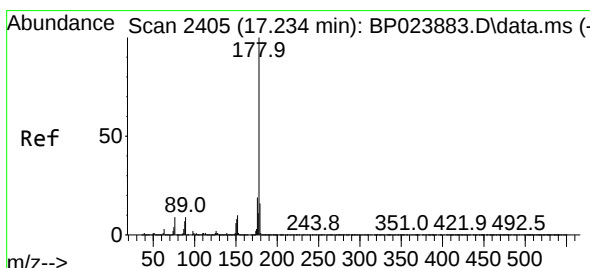
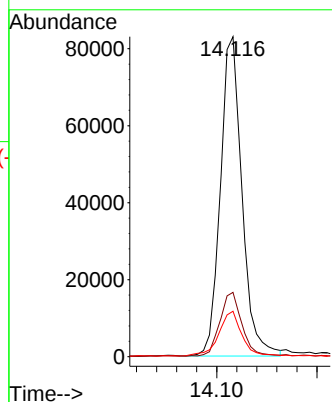
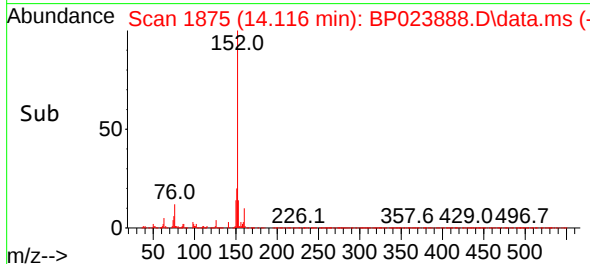
Instrument :
BNA_P
ClientSampleId :
A44T1



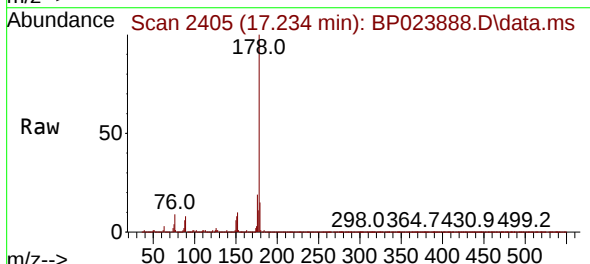
Tgt Ion:152 Resp: 124188
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.2 10.4 15.6

Manual Integrations
APPROVED

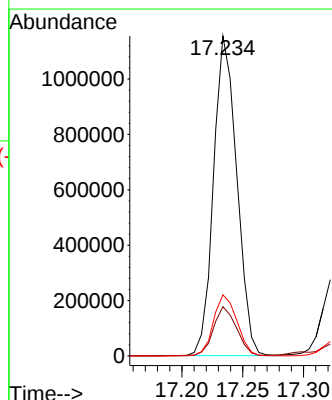
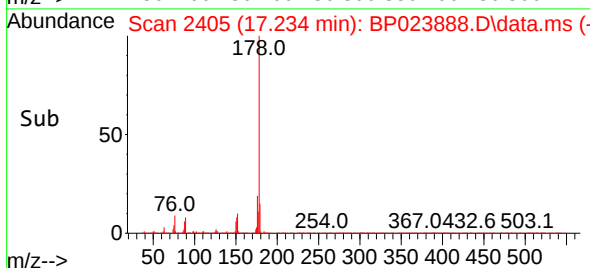
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

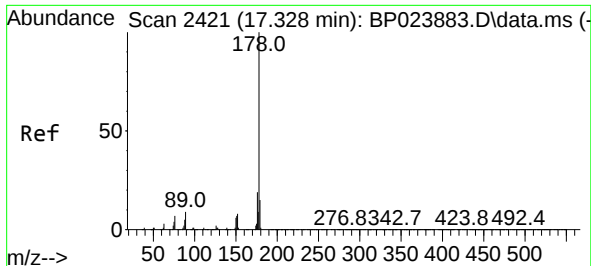


#72
Phenanthrene
Concen: 10.834 ng/ul
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP023888.D
Acq: 03 Feb 2025 20:37



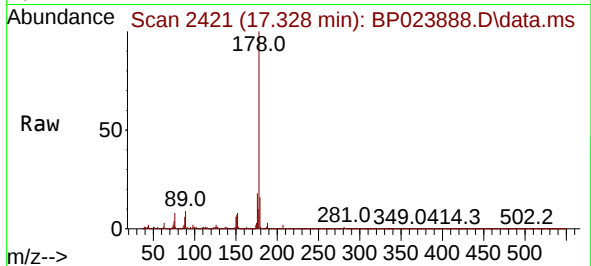
Tgt Ion:178 Resp: 1533731
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.6 23.4





#74
 Anthracene
 Concen: 3.359 ng/u1
 RT: 17.328 min Scan# 2421
 Delta R.T. 0.006 min
 Lab File: BP023888.D
 Acq: 03 Feb 2025 20:37

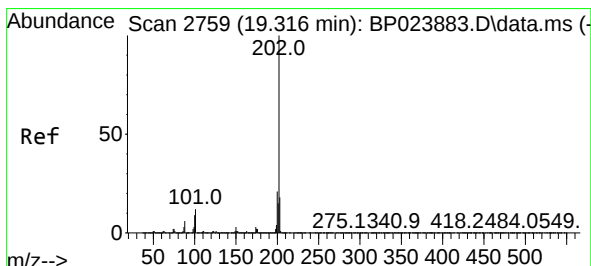
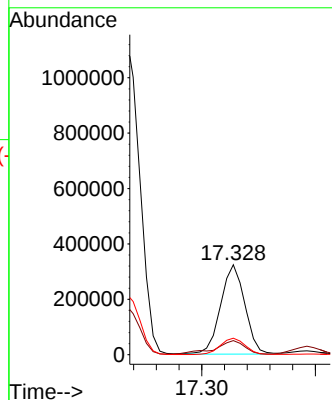
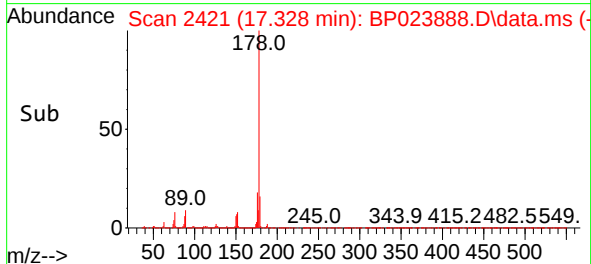
Instrument :
 BNA_P
 ClientSampleId :
 A44T1



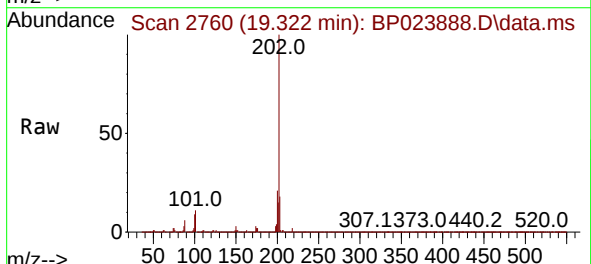
Tgt Ion:178 Resp: 479562
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 18.3 15.0 22.4

Manual Integrations
 APPROVED

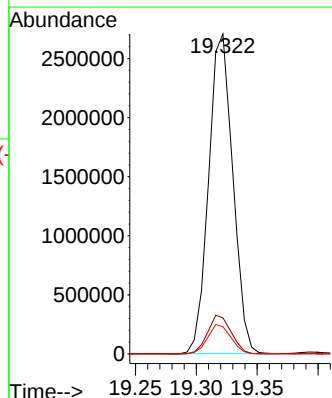
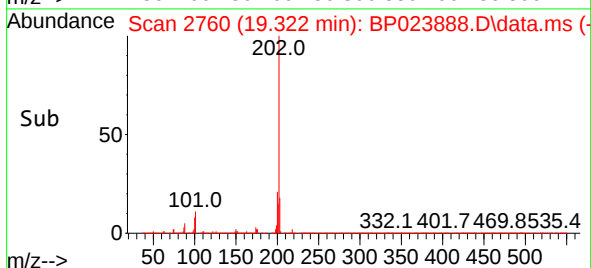
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

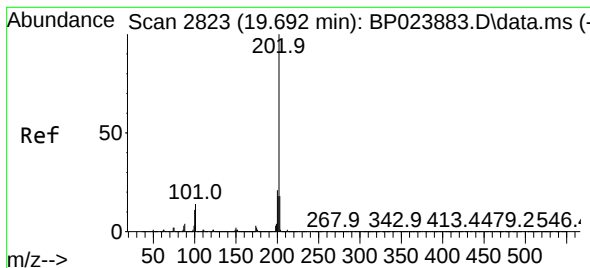


#80
 Fluoranthene
 Concen: 24.205 ng/u1
 RT: 19.322 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BP023888.D
 Acq: 03 Feb 2025 20:37



Tgt Ion:202 Resp: 3738007
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.4 14.2
 100 8.5 7.0 10.6





#82

Pyrene

Concen: 16.573 ng/ul

RT: 19.692 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_P

ClientSampleId :

A44T1

Tgt Ion:202 Resp: 2676439

Ion Ratio Lower Upper

202 100

101 14.3 10.4 15.6

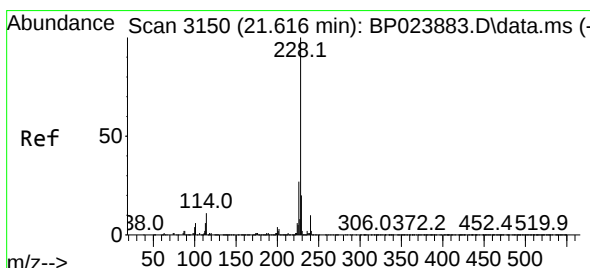
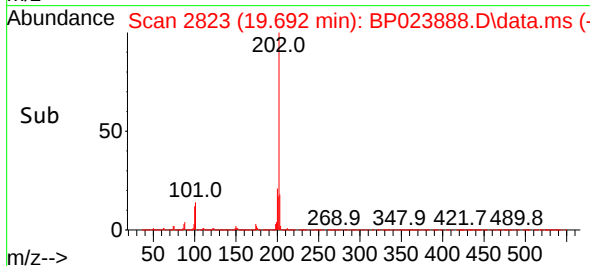
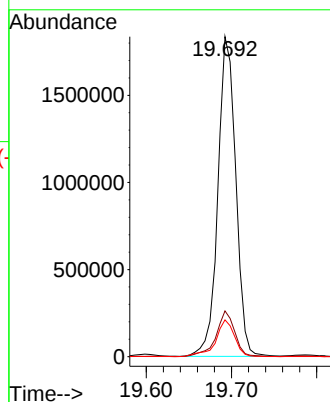
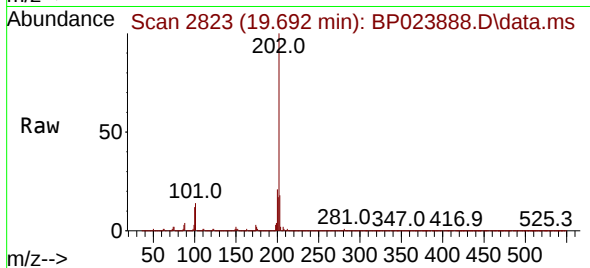
100 11.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#85

Benzo(a)anthracene

Concen: 10.741 ng/ul

RT: 21.616 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

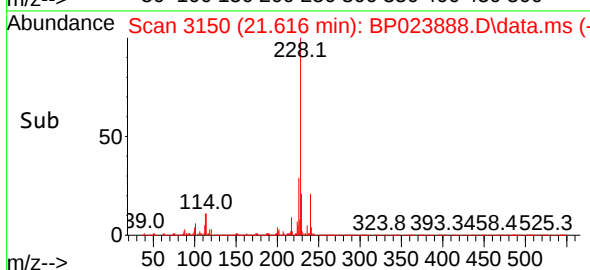
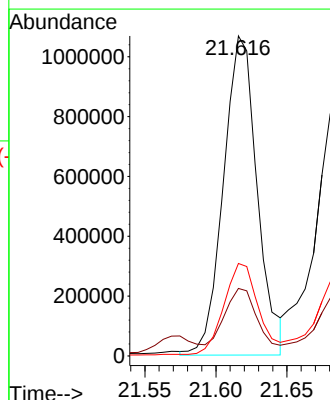
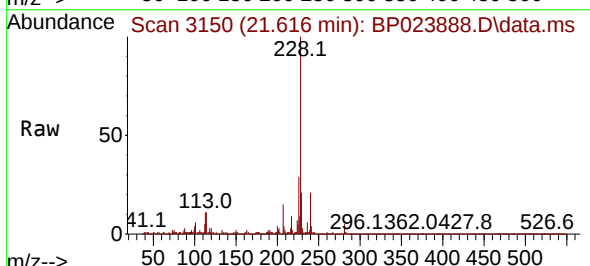
Tgt Ion:228 Resp: 1767244

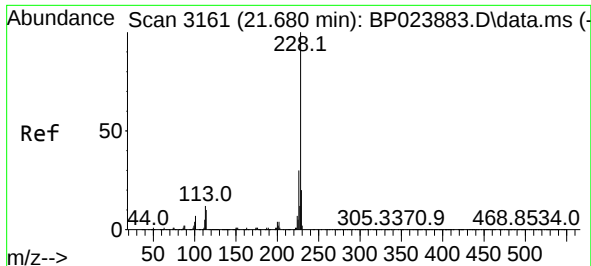
Ion Ratio Lower Upper

228 100

229 21.1 15.9 23.9

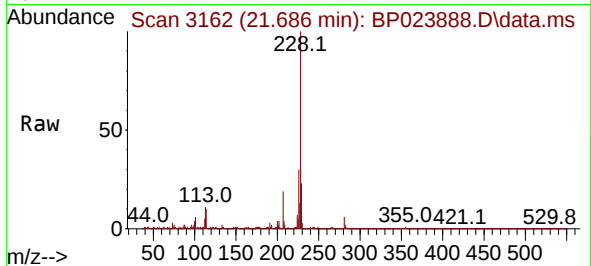
226 28.9 21.7 32.5





#87
Chrysene
Concen: 9.982 ng/ul
RT: 21.686 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BP023888.D
Acq: 03 Feb 2025 20:37

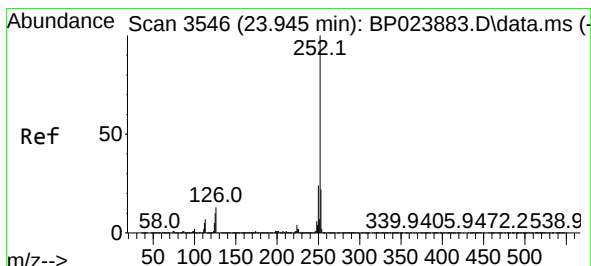
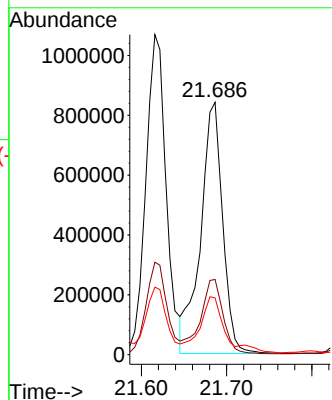
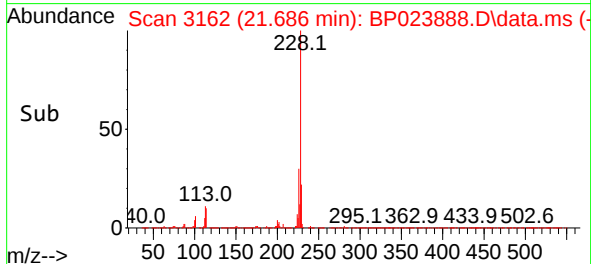
Instrument :
BNA_P
ClientSampleId :
A44T1



Tgt Ion:228 Resp: 151338
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 22.5 15.7 23.5

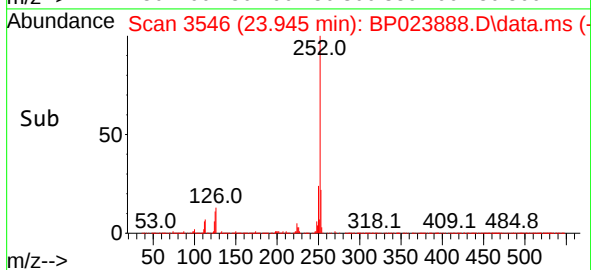
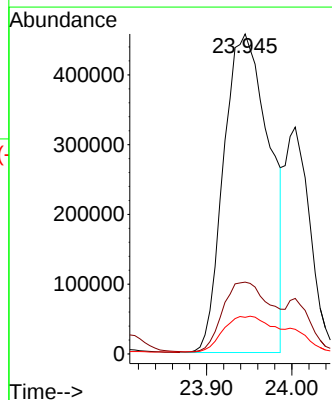
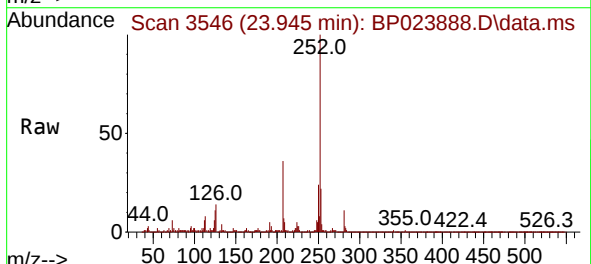
Manual Integrations
APPROVED

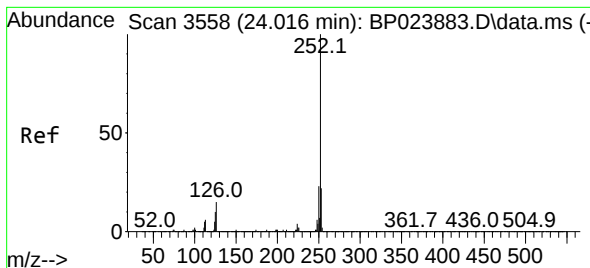
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#90
Benzo(b)fluoranthene
Concen: 10.617 ng/ul
RT: 23.945 min Scan# 3546
Delta R.T. 0.000 min
Lab File: BP023888.D
Acq: 03 Feb 2025 20:37

Tgt Ion:252 Resp: 1698561
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.4 8.2 12.2





#91

Benzo(k)fluoranthene

Concen: 4.172 ng/ul m

RT: 24.004 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_P

ClientSampleId :

A44T1

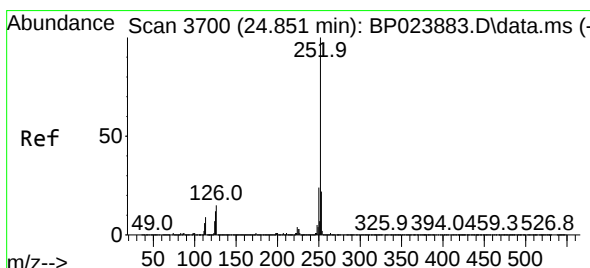
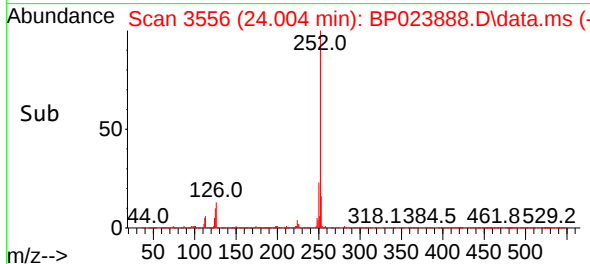
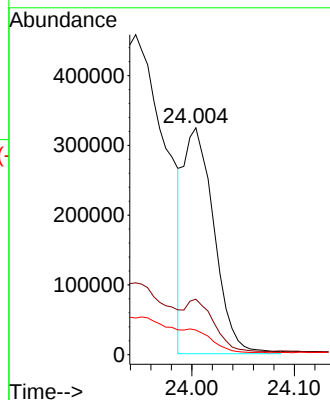
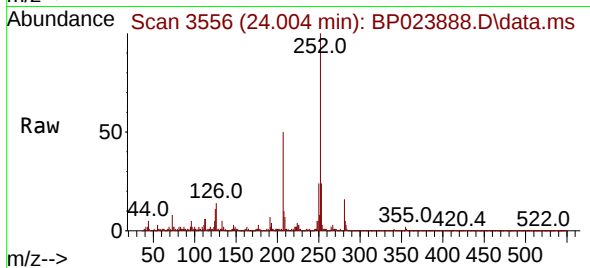
Tgt Ion:252 Resp: 669140

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#93

Benzo(a)pyrene

Concen: 4.902 ng/ul

RT: 24.845 min Scan# 3699

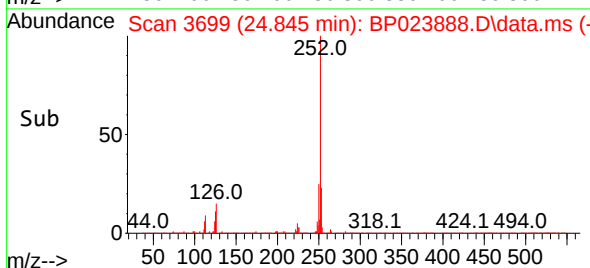
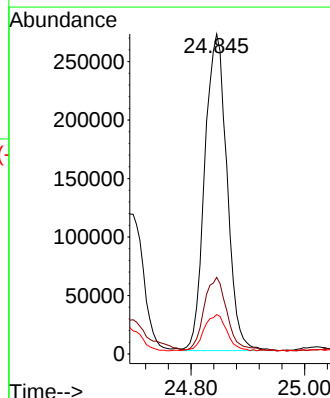
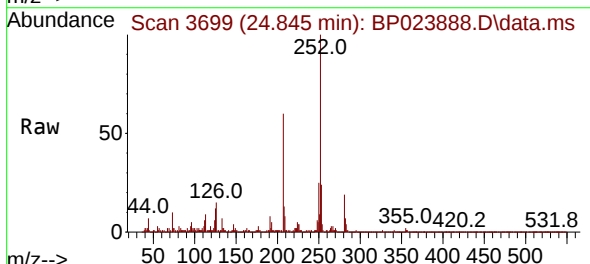
Delta R.T. -0.012 min

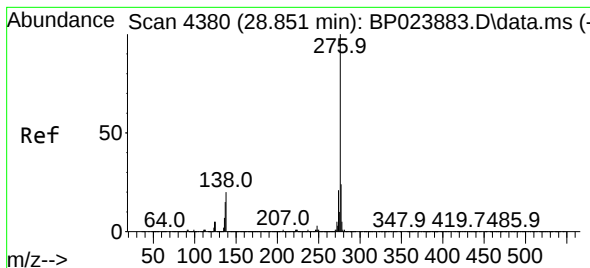
Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Tgt Ion:252 Resp: 732424

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.3	9.2	13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.863 ng/ul

RT: 28.827 min Scan# 4380

Delta R.T. 0.000 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_P

ClientSampleId :

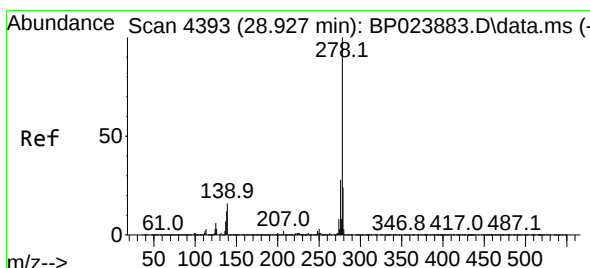
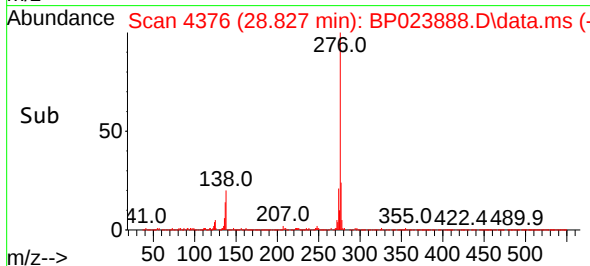
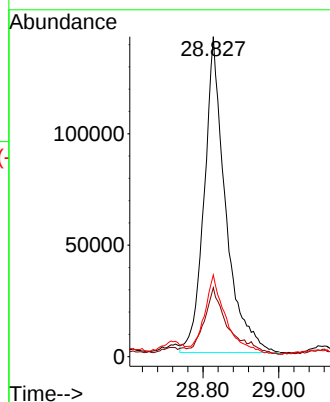
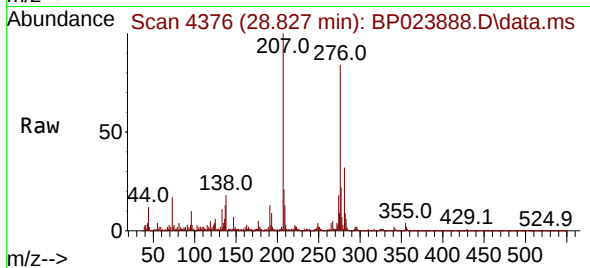
A44T1

Tgt Ion:	276	Resp:	55446
Ion Ratio	Lower	Upper	
276	100		
138	21.6	15.9	23.9
277	25.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#95

Dibenzo(a,h)anthracene

Concen: 1.391 ng/ul m

RT: 28.915 min Scan# 4391

Delta R.T. -0.012 min

Lab File: BP023888.D

Acq: 03 Feb 2025 20:37

Tgt Ion:	278	Resp:	218465
Ion Ratio	Lower	Upper	
278	100		
139	18.4	12.7	19.1
279	31.9	19.0	28.6

