

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023777.D
 Acq On : 28 Jan 2025 17:43
 Operator : RC/JU
 Sample : Q1189-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44Q8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 08:45:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	610103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2594998	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1621009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	3107765	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	3005223	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	3463524	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	36995	2.442	ng/uL	0.00
4) Pyridine-d5	3.722	84	118342	2.707	ng/u1	0.02
7) Phenol-d5	6.981	99	858700	16.634	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	423904	14.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	696374	17.744	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	659963	16.257	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	318910	16.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	333965	18.632	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	686654	18.225	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	340108	5.645	ng/u1	0.01
46) Dimethylphthalate-d6	13.816	166	1889933	16.212	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2191074	16.239	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	262527	11.207	ng/u1	0.06
60) Fluorene-d10	15.422	176	1643050	16.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	116983	7.644	ng/u1	0.01
73) Anthracene-d10	17.322	188	2579179	17.287	ng/u1	0.00
81) Pyrene-d10	19.698	212	2372932	15.518	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	1758106	10.141	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.005	94	145164	2.687	ng/u1	99
16) Acetophenone	8.599	105	518652	7.955	ng/u1	98
72) Phenanthrene	17.257	178	374021	2.130	ng/u1	100
80) Fluoranthene	19.345	202	919936	5.291	ng/u1	99
82) Pyrene	19.727	202	671516	3.556	ng/u1	97
85) Benzo(a)anthracene	21.651	228	362539m	1.903	ng/u1	
87) Chrysene	21.721	228	535056	3.000	ng/u1	96
90) Benzo(b)fluoranthene	23.992	252	705851	3.431	ng/u1#	86
91) Benzo(k)fluoranthene	24.062	252	246545m	1.162	ng/u1	
93) Benzo(a)pyrene	24.910	252	224292	1.158	ng/u1#	75
94) Indeno(1,2,3-cd)pyrene	28.956	276	287414	1.194	ng/u1#	87

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

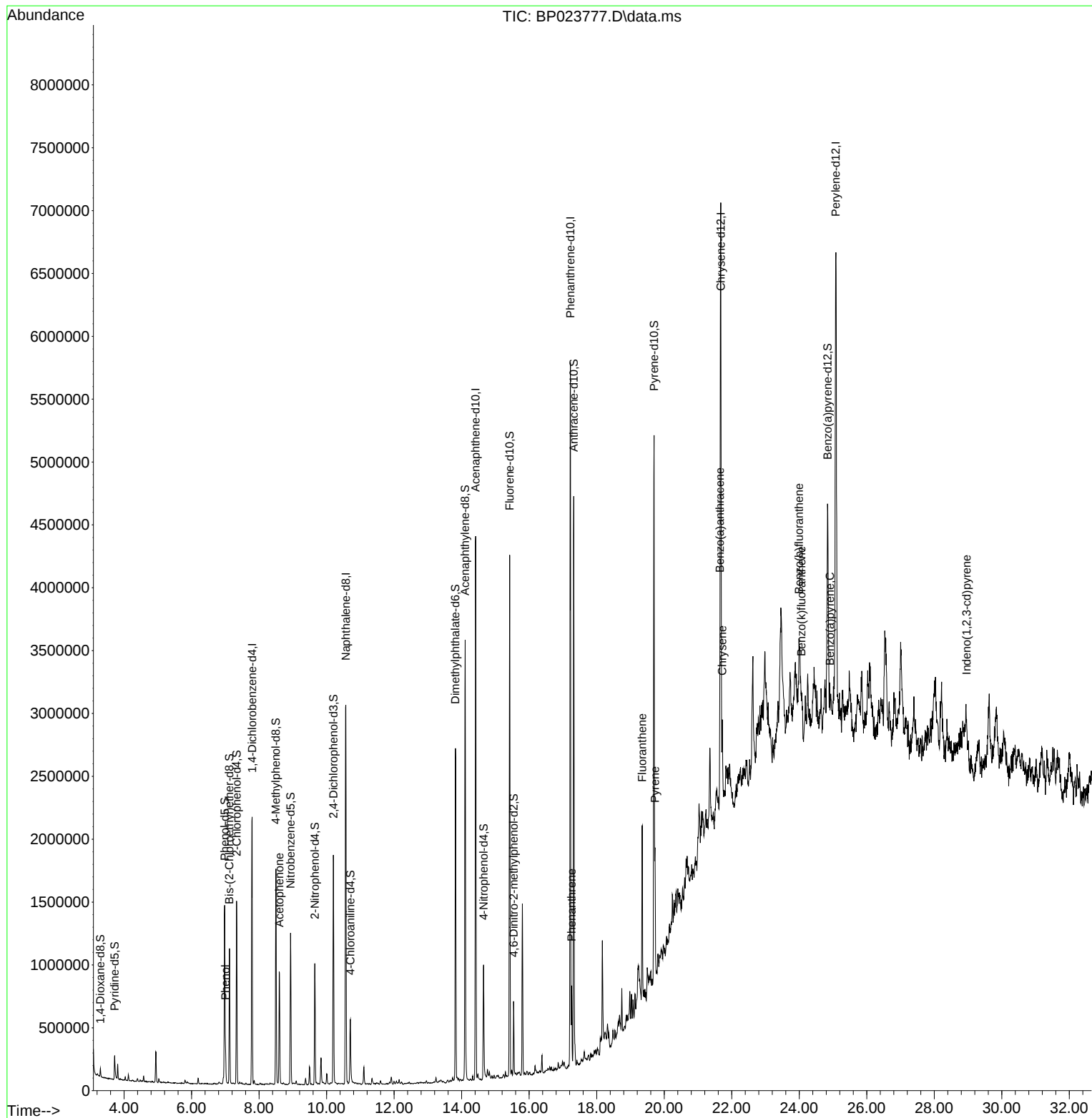
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023777.D
Acq On : 28 Jan 2025 17:43
Operator : RC/JU
Sample : Q1189-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

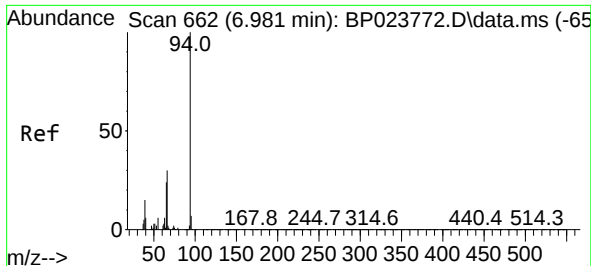
Instrument :
BNA_P
ClientSampleId :
A44Q8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025

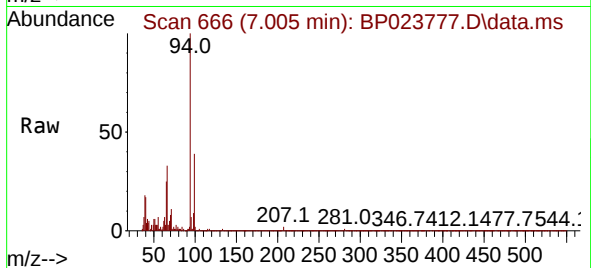
Quant Time: Jan 29 08:45:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration





#8
Phenol
Concen: 2.687 ng/ul
RT: 7.005 min Scan# 60
Delta R.T. 0.029 min
Lab File: BP023777.D
Acq: 28 Jan 2025 17:43

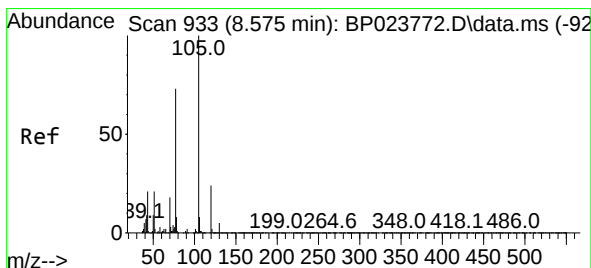
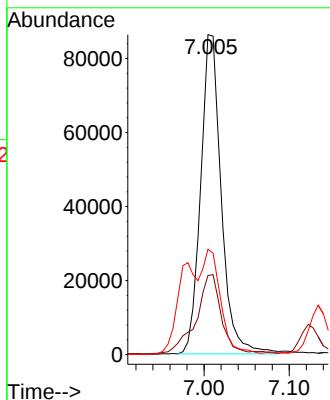
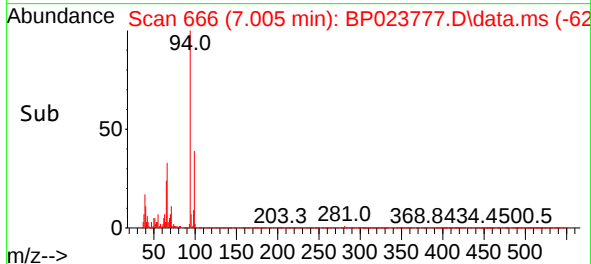
Instrument :
BNA_P
ClientSampleId :
A44Q8



Tgt Ion: 94 Resp: 145164
Ion Ratio Lower Upper
94 100
65 24.8 20.2 30.2
66 32.9 26.0 39.0

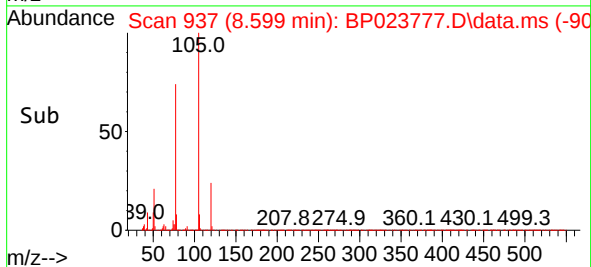
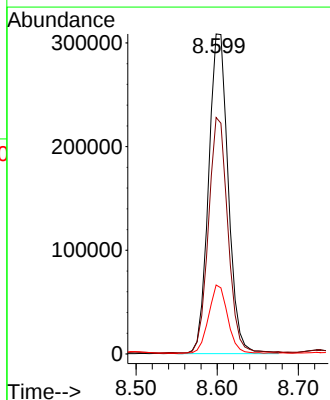
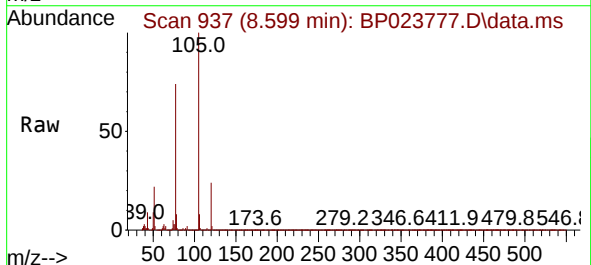
Manual Integrations
APPROVED

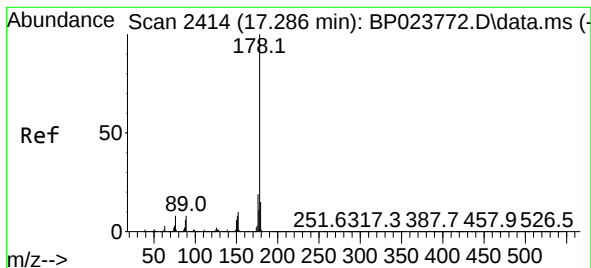
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025



#16
Acetophenone
Concen: 7.955 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. 0.000 min
Lab File: BP023777.D
Acq: 28 Jan 2025 17:43

Tgt Ion:105 Resp: 518652
Ion Ratio Lower Upper
105 100
77 73.9 58.1 87.1
51 21.6 16.4 24.6





#72

Phenanthrene

Concen: 2.130 ng/ul

RT: 17.257 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP023777.D

Acq: 28 Jan 2025 17:43

Instrument :

BNA_P

ClientSampleId :

A44Q8

Tgt Ion:178 Resp: 37402

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

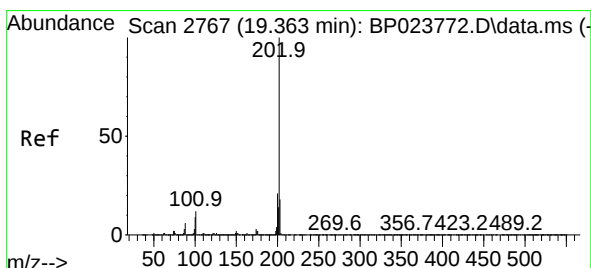
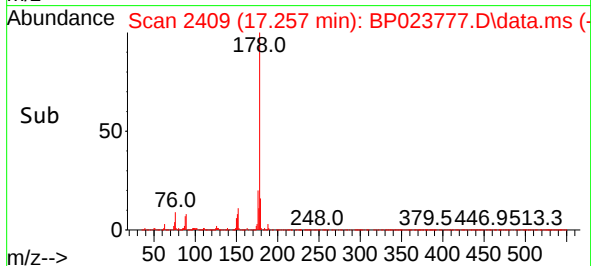
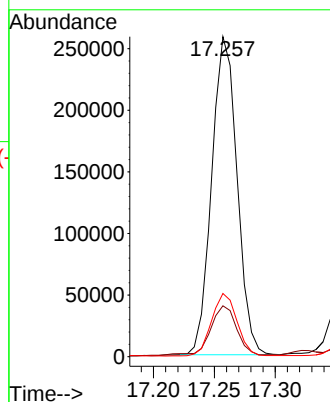
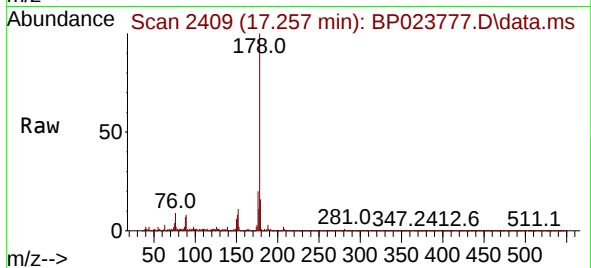
176 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025

Supervised By :mohammad ahmed 01/31/2025



#80

Fluoranthene

Concen: 5.291 ng/ul

RT: 19.345 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BP023777.D

Acq: 28 Jan 2025 17:43

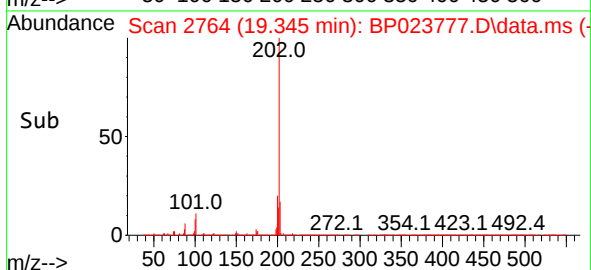
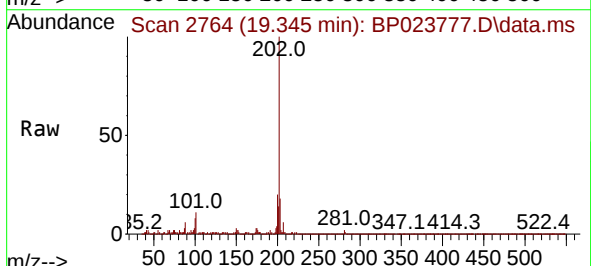
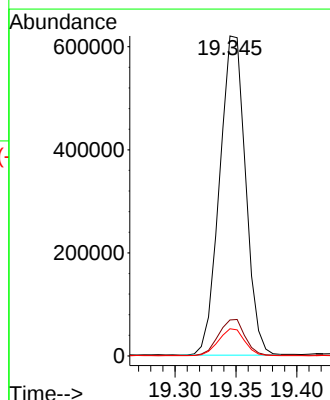
Tgt Ion:202 Resp: 919936

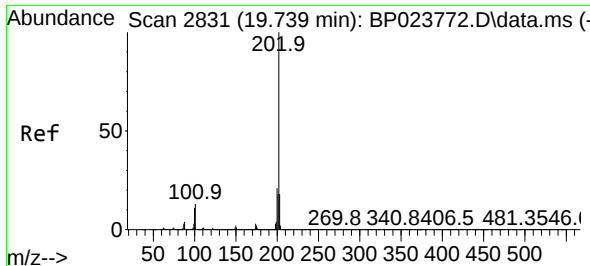
Ion Ratio Lower Upper

202 100

101 11.3 9.2 13.8

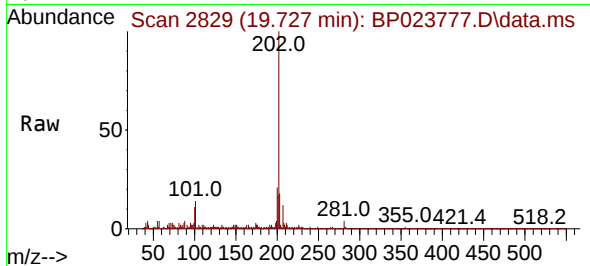
100 8.5 7.0 10.6





#82
 Pyrene
 Concen: 3.556 ng/ul
 RT: 19.727 min Scan# 2829
 Delta R.T. 0.006 min
 Lab File: BP023777.D
 Acq: 28 Jan 2025 17:43

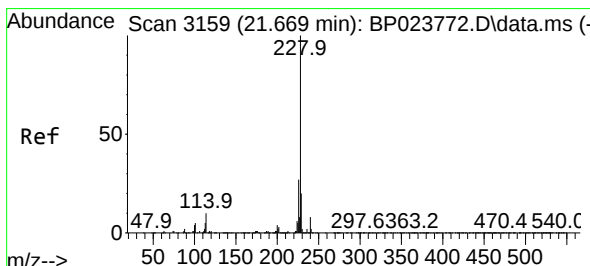
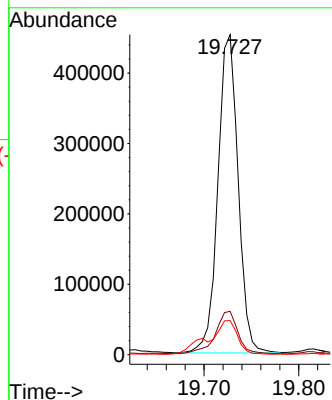
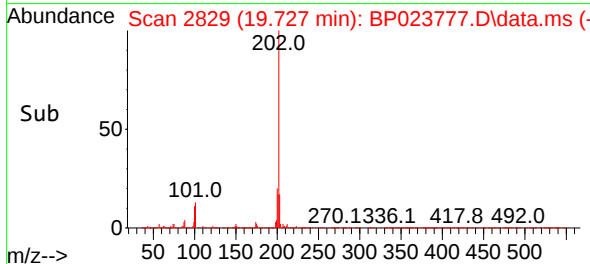
Instrument :
 BNA_P
 ClientSampleId :
 A44Q8



Tgt Ion: 202 Resp: 671510
 Ion Ratio Lower Upper
 202 100
 101 13.6 11.6 17.4
 100 10.6 9.6 14.4

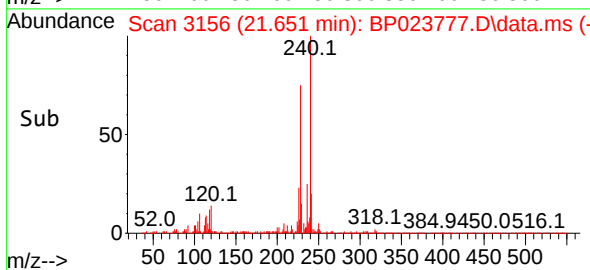
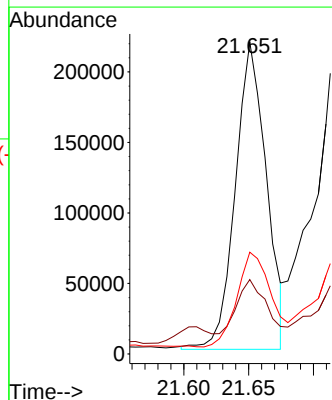
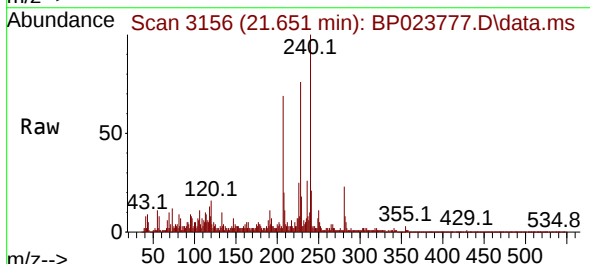
Manual Integrations
 APPROVED

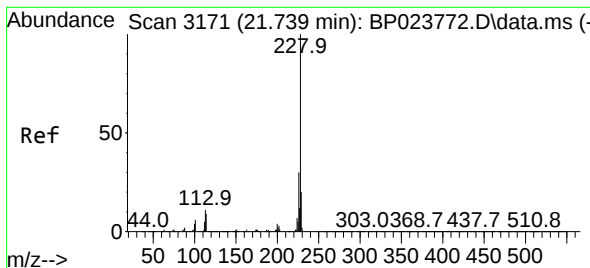
Reviewed By : Jagrut Upadhyay 01/29/2025
 Supervised By : mohammad ahmed 01/31/2025



#85
 Benzo(a)anthracene
 Concen: 1.903 ng/ul m
 RT: 21.651 min Scan# 3156
 Delta R.T. -0.006 min
 Lab File: BP023777.D
 Acq: 28 Jan 2025 17:43

Tgt Ion: 228 Resp: 362539
 Ion Ratio Lower Upper
 228 100
 229 23.9 15.8 23.8#
 226 32.7 21.8 32.8





#87

Chrysene

Concen: 3.000 ng/ul

RT: 21.721 min Scan# 3171

Delta R.T. 0.000 min

Lab File: BP023777.D

Acq: 28 Jan 2025 17:43

Instrument :

BNA_P

ClientSampleId :

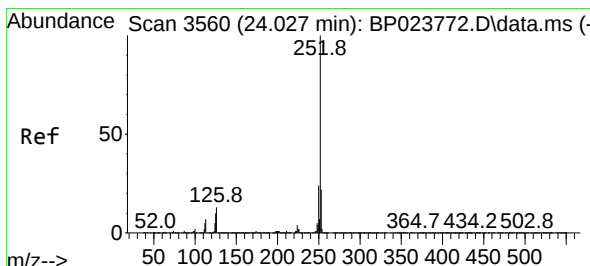
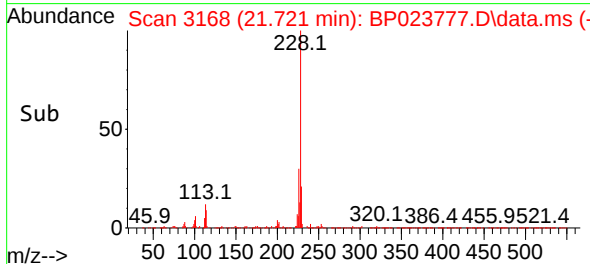
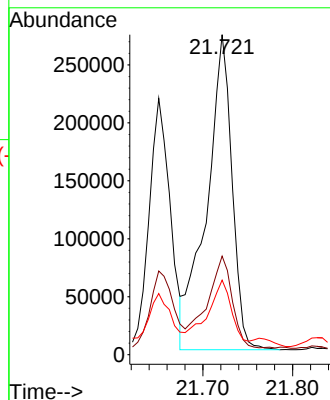
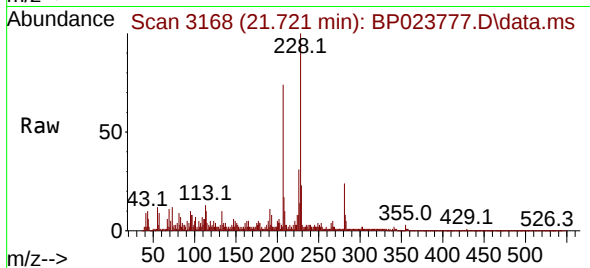
A44Q8

Tgt Ion:228 Resp: 535050
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 23.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025



#90

Benzo(b)fluoranthene

Concen: 3.431 ng/ul

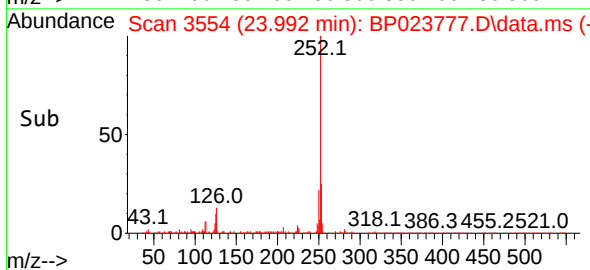
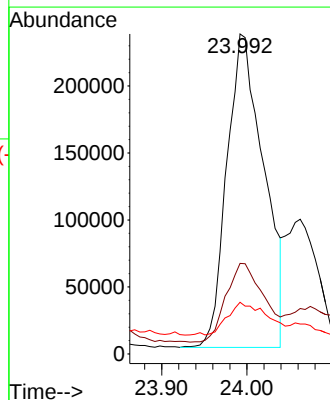
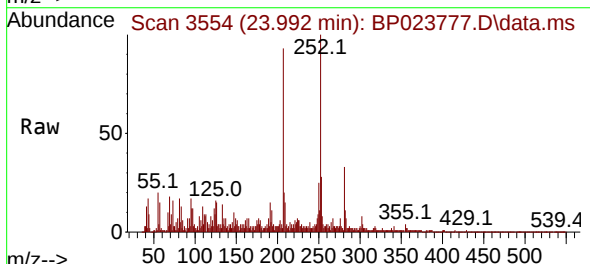
RT: 23.992 min Scan# 3554

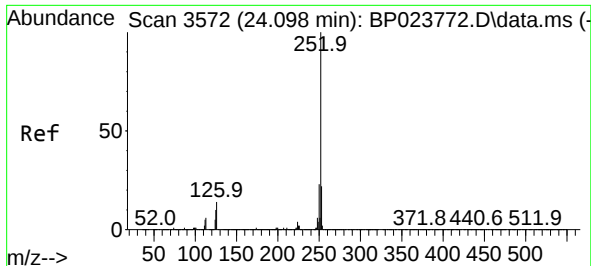
Delta R.T. -0.006 min

Lab File: BP023777.D

Acq: 28 Jan 2025 17:43

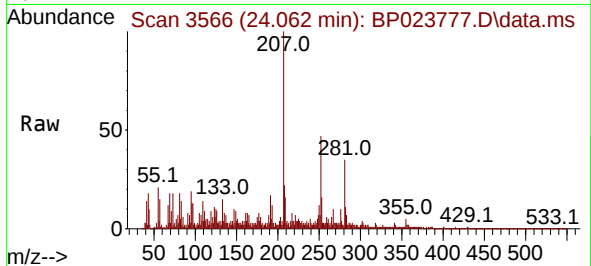
Tgt Ion:252 Resp: 705851
 Ion Ratio Lower Upper
 252 100
 253 28.3 17.5 26.3#
 125 16.1 8.2 12.4#





#91
Benzo(k)fluoranthene
Concen: 1.162 ng/ul m
RT: 24.062 min Scan# 3566
Delta R.T. -0.006 min
Lab File: BP023777.D
Acq: 28 Jan 2025 17:43

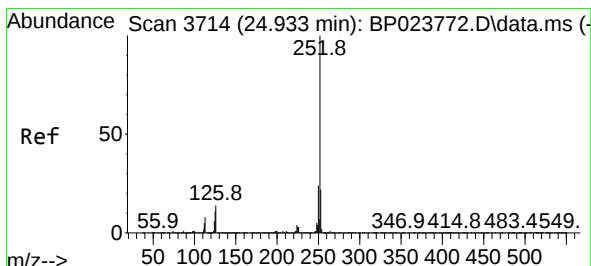
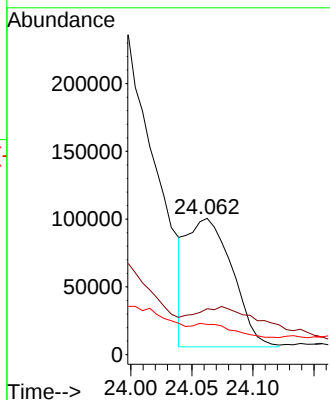
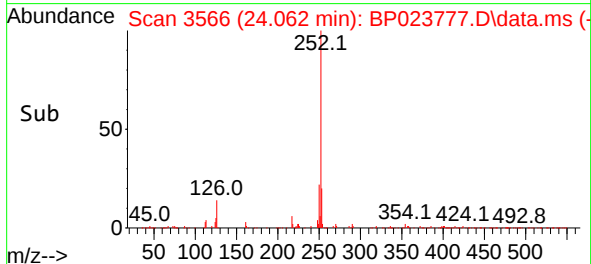
Instrument :
BNA_P
ClientSampleId :
A44Q8



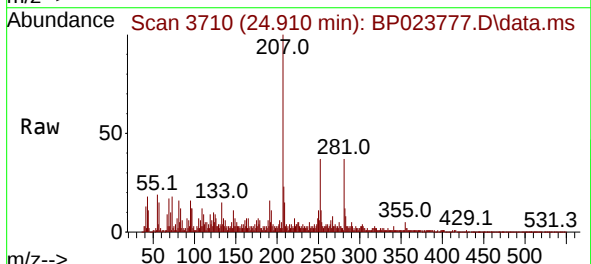
Tgt Ion:252 Resp: 246549
Ion Ratio Lower Upper
252 100
253 33.8 17.7 26.5#
125 22.2 8.6 13.0#

Manual Integrations
APPROVED

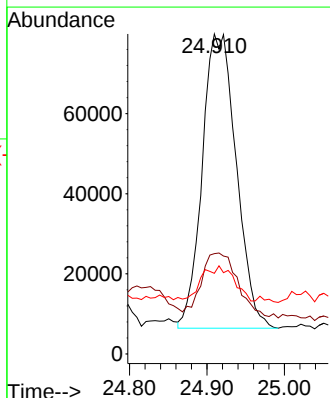
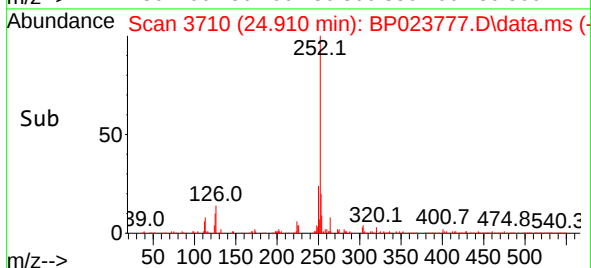
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025

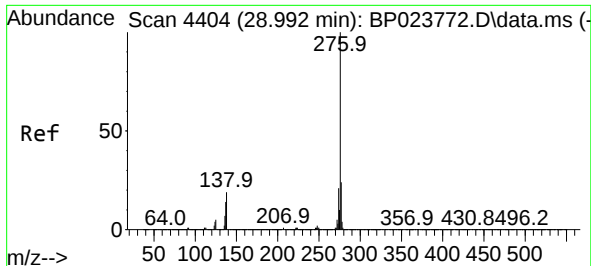


#93
Benzo(a)pyrene
Concen: 1.158 ng/ul
RT: 24.910 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BP023777.D
Acq: 28 Jan 2025 17:43



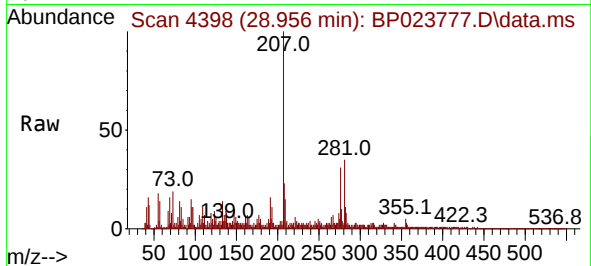
Tgt Ion:252 Resp: 224292
Ion Ratio Lower Upper
252 100
253 31.3 17.5 26.3#
125 25.2 9.1 13.7#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.194 ng/ul
 RT: 28.956 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BP023777.D
 Acq: 28 Jan 2025 17:43

Instrument :
 BNA_P
 ClientSampleId :
 A44Q8



Tgt Ion: 276 Resp: 287414
 Ion Ratio Lower Upper
 276 100
 138 26.3 16.6 25.0
 277 31.2 19.2 28.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025

