

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023778.D
 Acq On : 28 Jan 2025 18:24
 Operator : RC/JU
 Sample : Q1189-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44Q3

Manual Integrations
 APPROVED

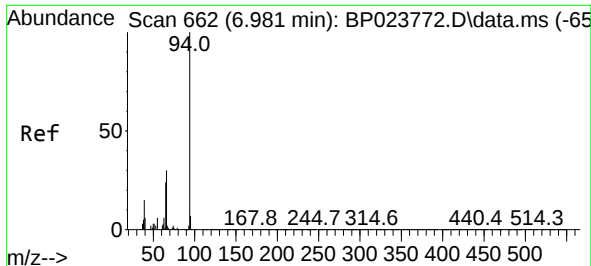
Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 08:48:42 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)

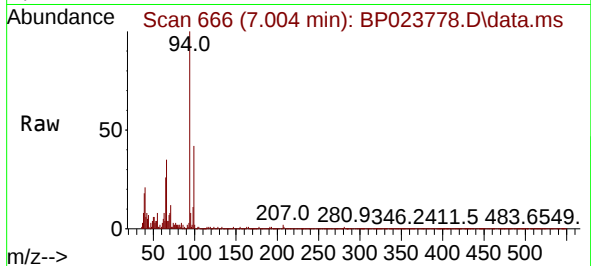
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	449202	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1935117	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1264987	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	2539582	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	2618589	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	2947855	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	38114	3.417	ng/uL	0.00
4) Pyridine-d5	3.728	84	15216m	0.473	ng/u1	0.02
7) Phenol-d5	6.981	99	812610	21.379	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	416594	19.404	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	655483	22.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	629502	21.061	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	313858	21.527	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	326799	24.449	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	658564	23.440	ng/u1	0.02
31) 4-Chloroaniline-d4	10.698	131	576690	12.835	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	2093129	23.008	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2269748	21.557	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	340941	18.651	ng/u1	0.06
60) Fluorene-d10	15.427	176	1700184	21.832	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	160722	12.851	ng/u1	0.02
73) Anthracene-d10	17.321	188	2669647	21.896	ng/u1	0.00
81) Pyrene-d10	19.692	212	2686550	20.162	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	2012598	13.640	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.004	94	87722	2.206	ng/u1	97
16) Acetophenone	8.604	105	301702	6.285	ng/u1	99
50) Acenaphthylene	14.133	152	138529	1.213	ng/u1	99
72) Phenanthrene	17.263	178	746174	5.200	ng/u1	99
80) Fluoranthene	19.345	202	1929174	12.733	ng/u1	100
82) Pyrene	19.721	202	1382846	8.404	ng/u1	96
85) Benzo(a)anthracene	21.651	228	742173	4.471	ng/u1	94
87) Chrysene	21.715	228	999014	6.428	ng/u1	97
90) Benzo(b)fluoranthene	24.003	252	1333595	7.615	ng/u1#	96
91) Benzo(k)fluoranthene	24.068	252	541886m	3.002	ng/u1	
93) Benzo(a)pyrene	24.909	252	518629	3.147	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.944	276	498722	2.435	ng/u1	97

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



#8
Phenol
Concen: 2.206 ng/ul
RT: 7.004 min Scan# 60
Delta R.T. 0.029 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

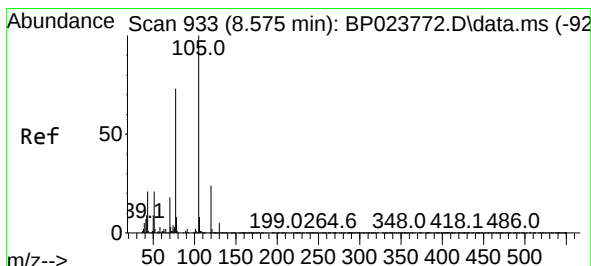
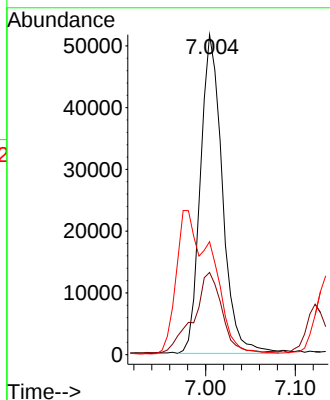
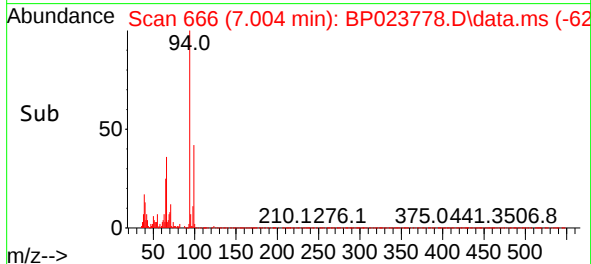
Instrument :
BNA_P
ClientSampleId :
A44Q3



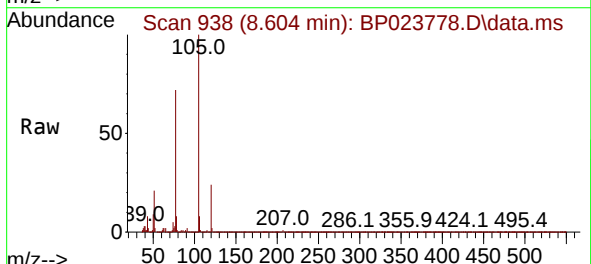
Tgt Ion: 94 Resp: 8772
Ion Ratio Lower Upper
94 100
65 25.7 20.2 30.2
66 35.3 26.0 39.0

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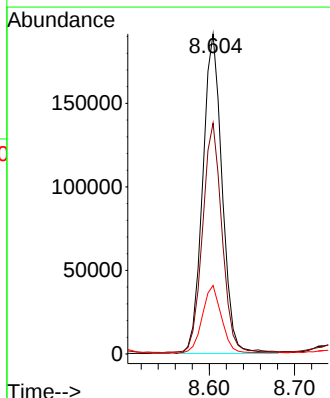
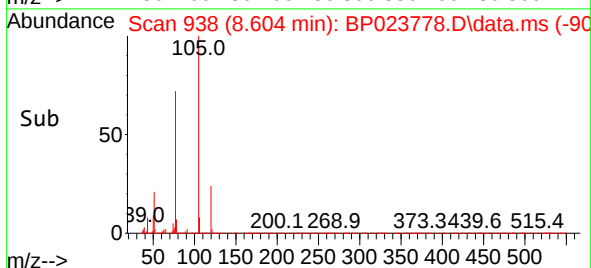
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025

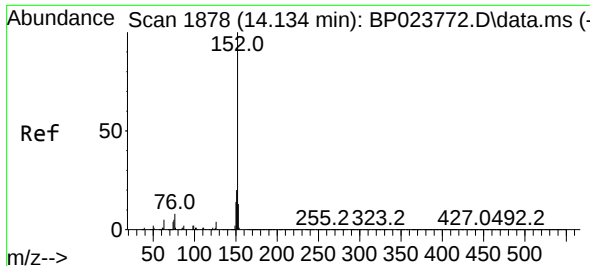


#16
Acetophenone
Concen: 6.285 ng/ul
RT: 8.604 min Scan# 938
Delta R.T. 0.006 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24



Tgt Ion:105 Resp: 301702
Ion Ratio Lower Upper
105 100
77 72.2 58.1 87.1
51 21.4 16.4 24.6





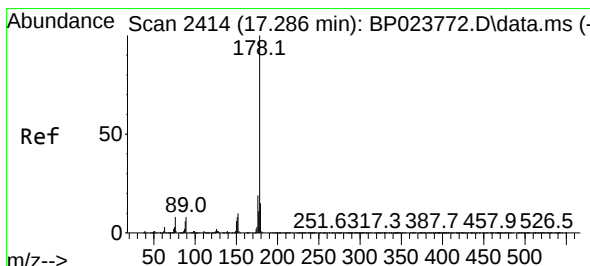
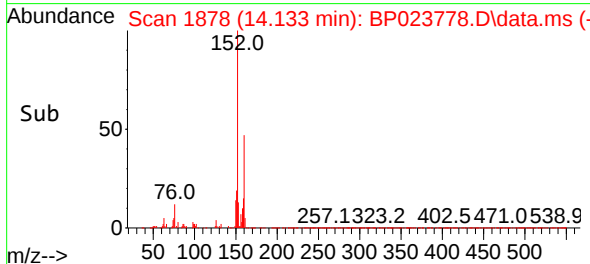
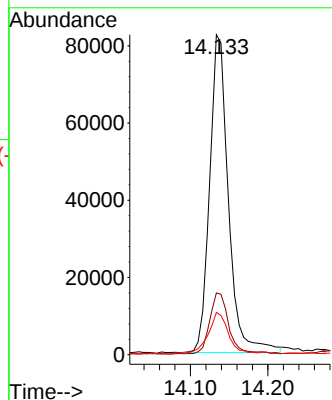
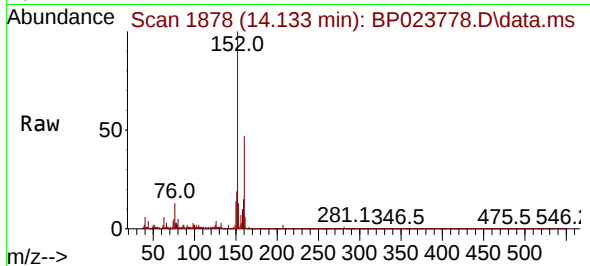
#50
Acenaphthylene
Concen: 1.213 ng/ul
RT: 14.133 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

Instrument :
BNA_P
ClientSampleId :
A44Q3

Tgt Ion:152 Resp: 138529
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.2 10.6 15.8

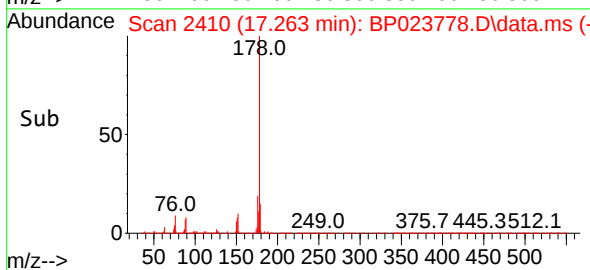
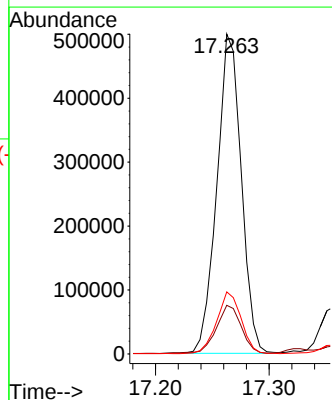
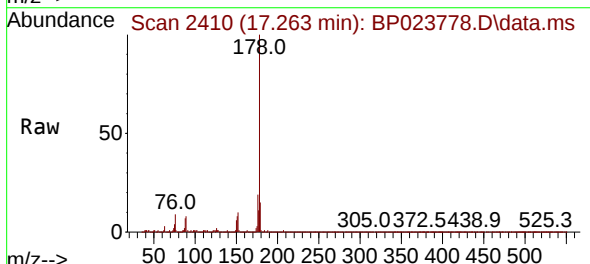
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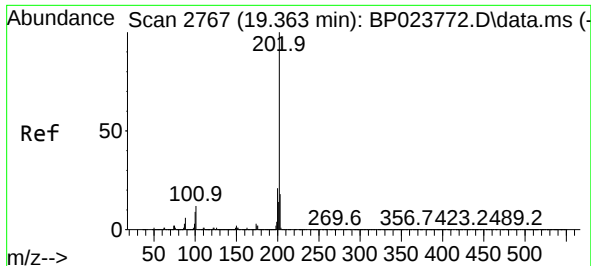
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Phenanthrene
Concen: 5.200 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

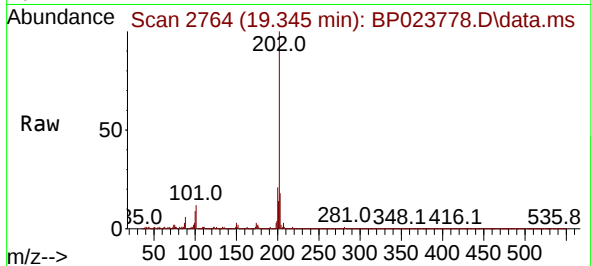
Tgt Ion:178 Resp: 746174
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.4 15.7 23.5





#80
Fluoranthene
Concen: 12.733 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

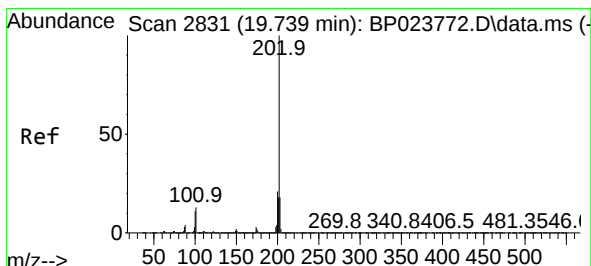
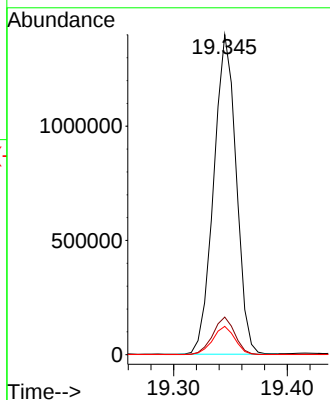
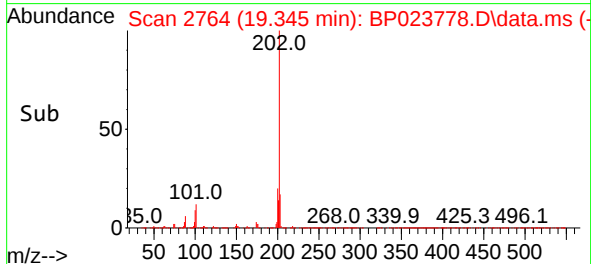
Instrument :
BNA_P
ClientSampleId :
A44Q3



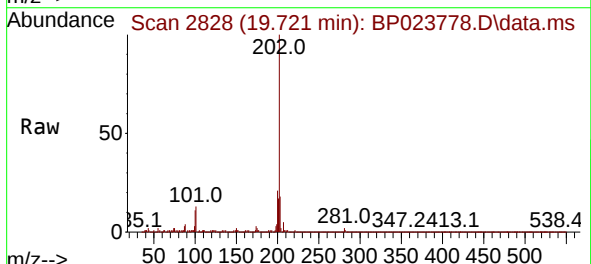
Tgt Ion:202 Resp: 1929174
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 8.9 7.0 10.6

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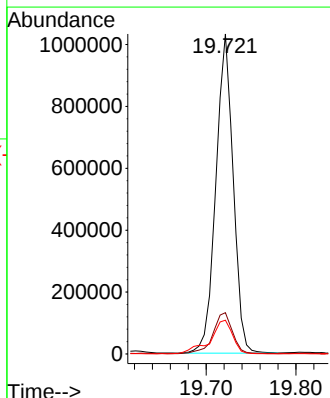
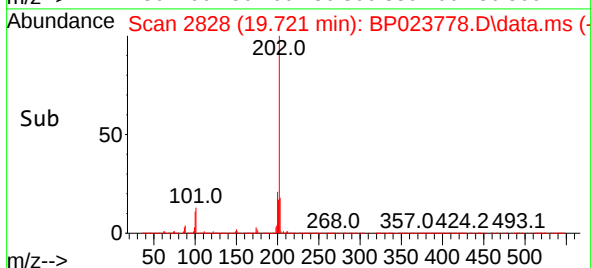
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025

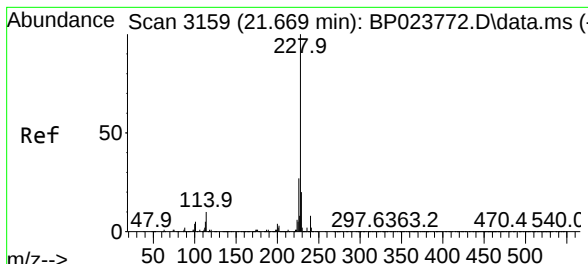


#82
Pyrene
Concen: 8.404 ng/ul
RT: 19.721 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24



Tgt Ion:202 Resp: 1382846
Ion Ratio Lower Upper
202 100
101 12.9 11.6 17.4
100 10.6 9.6 14.4





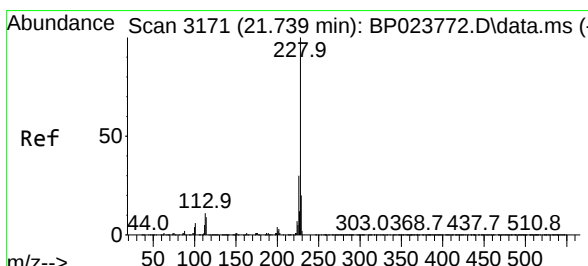
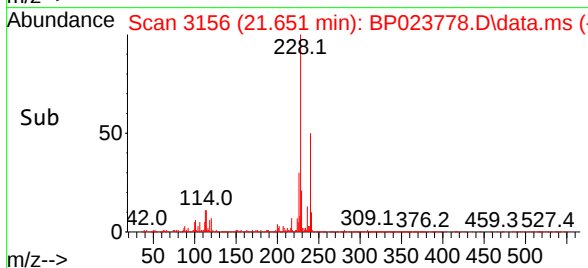
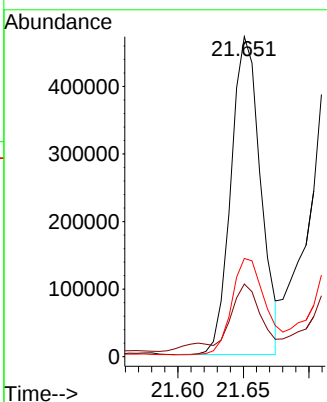
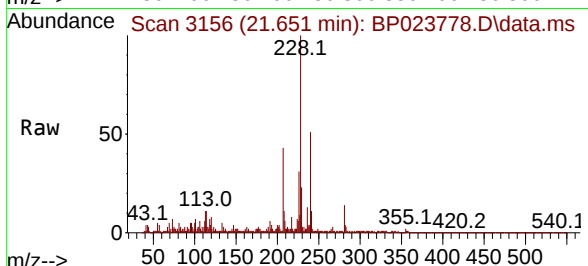
#85
 Benzo(a)anthracene
 Concen: 4.471 ng/ul
 RT: 21.651 min Scan# 3156
 Delta R.T. -0.006 min
 Lab File: BP023778.D
 Acq: 28 Jan 2025 18:24

Instrument : BNA_P
 ClientSampleId : A44Q3

Tgt Ion:	228	Resp:	74217
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.8	23.8
226	30.7	21.8	32.8

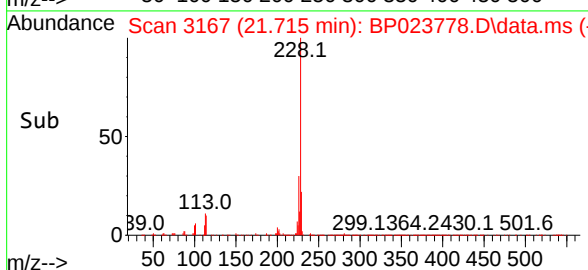
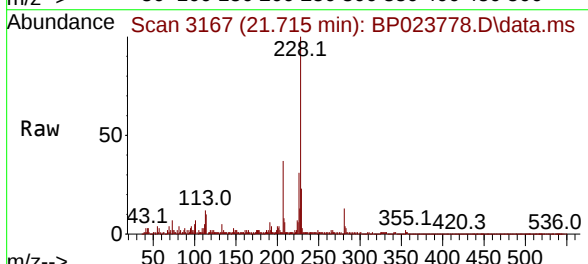
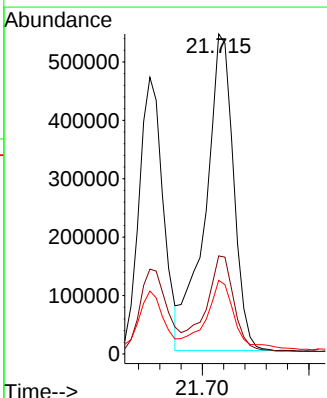
Manual Integrations
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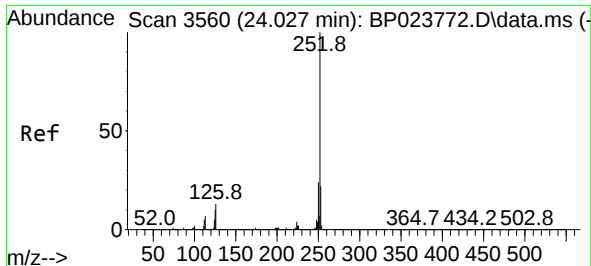
Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025



#87
 Chrysene
 Concen: 6.428 ng/ul
 RT: 21.715 min Scan# 3167
 Delta R.T. -0.006 min
 Lab File: BP023778.D
 Acq: 28 Jan 2025 18:24

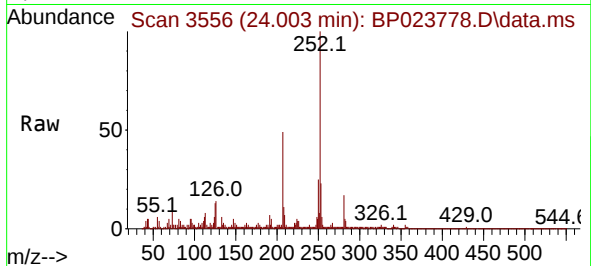
Tgt Ion:	228	Resp:	999014
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.3	36.5
229	23.0	15.8	23.6





#90
Benzo(b)fluoranthene
Concen: 7.615 ng/ul
RT: 24.003 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

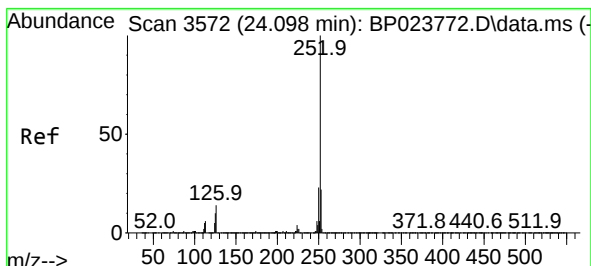
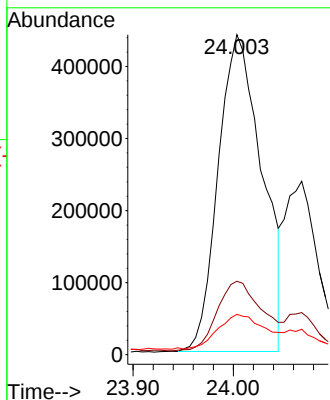
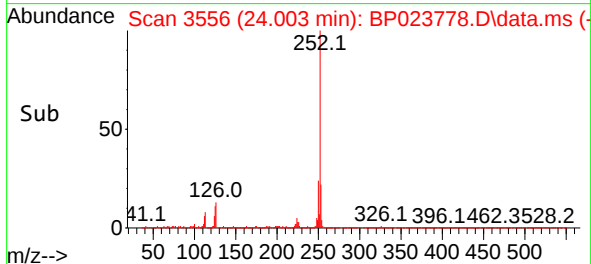
Instrument :
BNA_P
ClientSampleId :
A44Q3



Tgt Ion:252 Resp: 133359
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.6 8.2 12.4

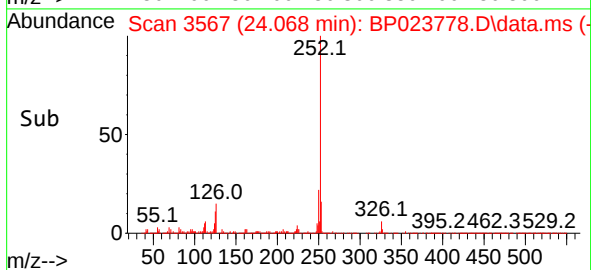
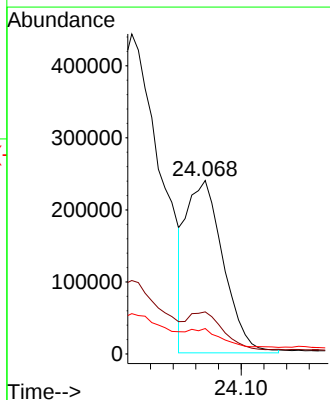
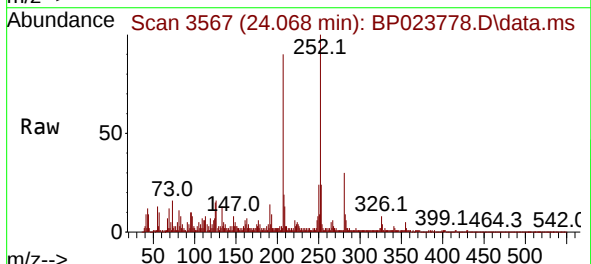
Manual Integrations
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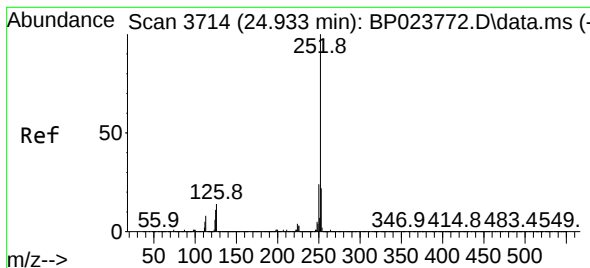
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025



#91
Benzo(k)fluoranthene
Concen: 3.002 ng/ul m
RT: 24.068 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BP023778.D
Acq: 28 Jan 2025 18:24

Tgt Ion:252 Resp: 541886
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 14.7 8.6 13.0





#93

Benzo(a)pyrene

Concen: 3.147 ng/ul

RT: 24.909 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP023778.D

Acq: 28 Jan 2025 18:24

Instrument :

BNA_P

ClientSampleId :

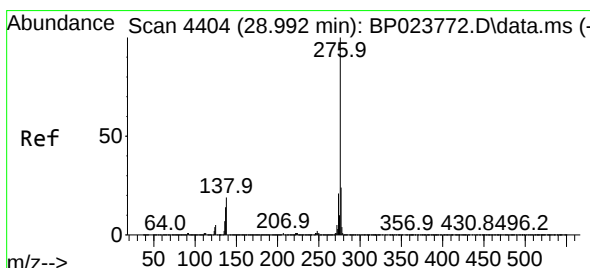
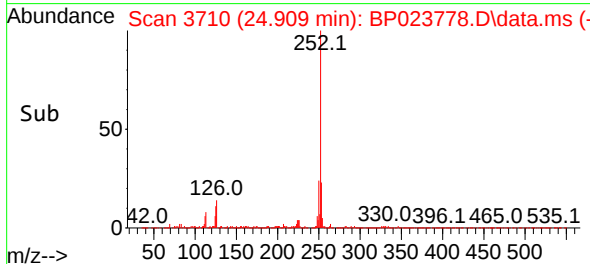
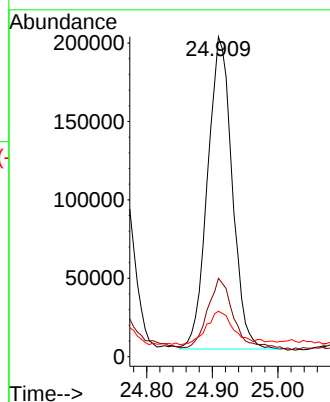
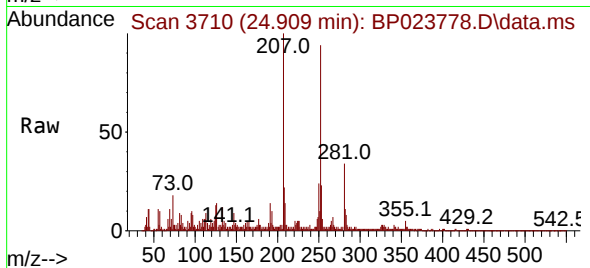
A44Q3

Tgt Ion:	252	Resp:	518629
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.5	26.3
125	14.2	9.1	13.7

Manual Integrations

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Supervised By :mohammad ahmed 01/31/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.435 ng/ul

RT: 28.944 min Scan# 4396

Delta R.T. 0.017 min

Lab File: BP023778.D

Acq: 28 Jan 2025 18:24

Tgt Ion:	276	Resp:	498722
Ion Ratio	Lower	Upper	
276	100		
138	22.3	16.6	25.0
277	25.1	19.2	28.8

