

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023903.D
 Acq On : 04 Feb 2025 07:26
 Operator : RC/JU
 Sample : Q1190-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44T0

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:16:51 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	442654	20.000	ng/u1	0.00
20) Naphthalene-d8	10.546	136	2045826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.393	164	1329563	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	2596259	20.000	ng/u1	0.02
79) Chrysene-d12	21.639	240	2521944	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	2734207	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	24779	2.326	ng/uL	0.00
4) Pyridine-d5	3.711	84	86517	2.814	ng/u1	0.00
7) Phenol-d5	6.958	99	501486	12.802	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	289977	13.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	423041	13.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	285581	8.924	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	206252	12.601	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	213970	12.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	414844	12.804	ng/u1	0.00
31) 4-Chloroaniline-d4	10.687	131	206360	4.259	ng/u1	0.01
46) Dimethylphthalate-d6	13.793	166	1296089	13.069	ng/u1	0.00
49) Acenaphthylene-d8	14.087	160	1441372	12.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	140024	7.110	ng/u1	0.00
60) Fluorene-d10	15.398	176	1083492	12.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	105956	6.615	ng/u1	0.01
73) Anthracene-d10	17.298	188	1651739	12.957	ng/u1	0.01
81) Pyrene-d10	19.669	212	1567779	11.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	950012	6.659	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	100348	2.495	ng/u1	99
16) Acetophenone	8.587	105	429180	8.773	ng/u1	98
50) Acenaphthylene	14.116	152	471389	3.957	ng/u1	99
61) Fluorene	15.457	166	157298	1.620	ng/u1	97
72) Phenanthrene	17.245	178	3886549	26.508	ng/u1	100
74) Anthracene	17.334	178	537728	3.637	ng/u1	99
77) Carbazole	17.616	167	262026	2.023	ng/u1	99
80) Fluoranthene	19.322	202	5799770	37.261	ng/u1	98
82) Pyrene	19.698	202	4130325	25.375	ng/u1	98
85) Benzo(a)anthracene	21.627	228	2190860m	13.211	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.569	149	118075	1.155	ng/u1	98
87) Chrysene	21.692	228	2597849	17.001	ng/u1	97
90) Benzo(b)fluoranthene	23.951	252	2972916m	17.919	ng/u1	
91) Benzo(k)fluoranthene	24.021	252	1076886m	6.475	ng/u1	
93) Benzo(a)pyrene	24.851	252	1074238	6.934	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.839	276	988148	4.920	ng/u1	96
95) Dibenzo(a,h)anthracene	28.939	278	394589m	2.422	ng/u1	

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

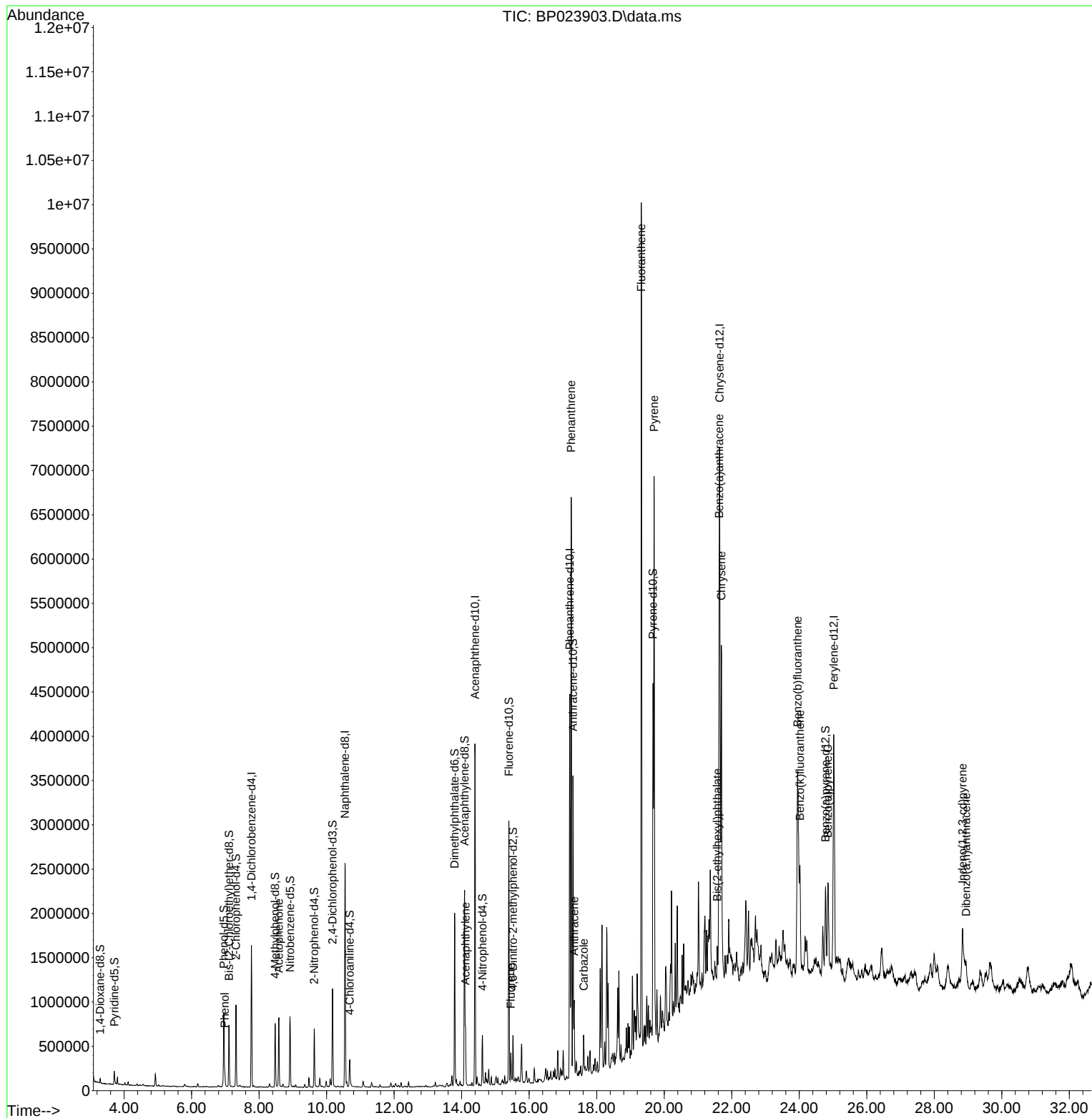
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023903.D
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 Operator : RC/JU
 Sample : Q1190-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

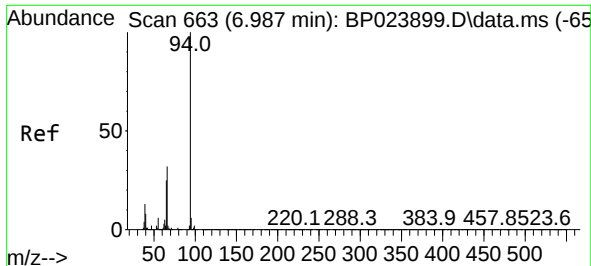
Instrument :
 BNA_P
 ClientSampleId :
 A44T0

Quant Time: Feb 04 08:16:51 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
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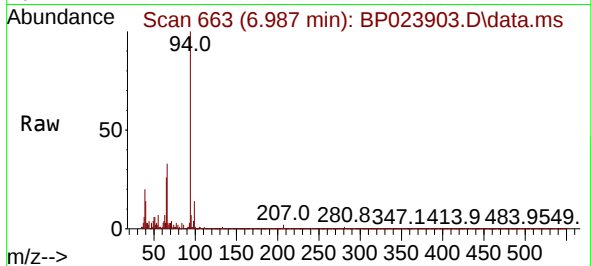
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025





#8
Phenol
Concen: 2.495 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

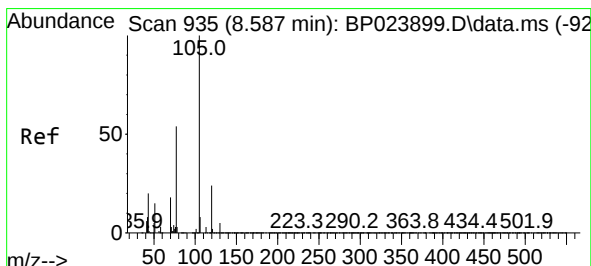
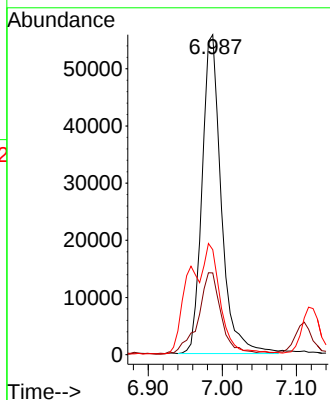
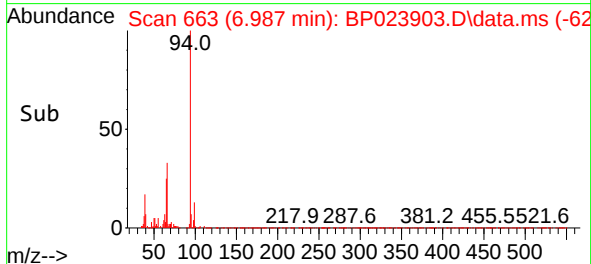
Instrument :
BNA_P
ClientSampleId :
A44T0



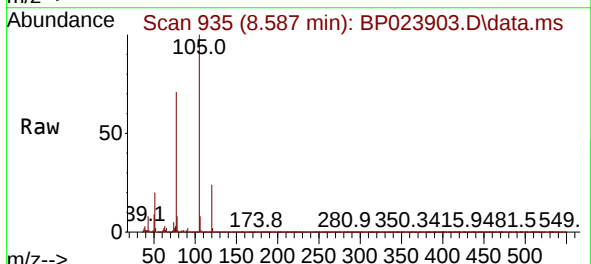
Tgt Ion: 94 Resp: 100348
Ion Ratio Lower Upper
94 100
65 25.5 20.1 30.1
66 32.8 26.0 39.0

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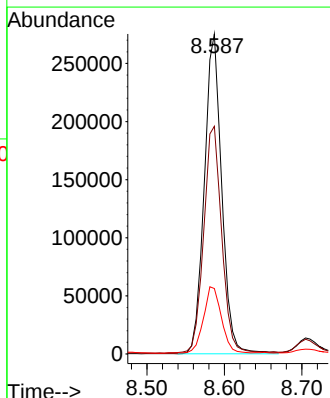
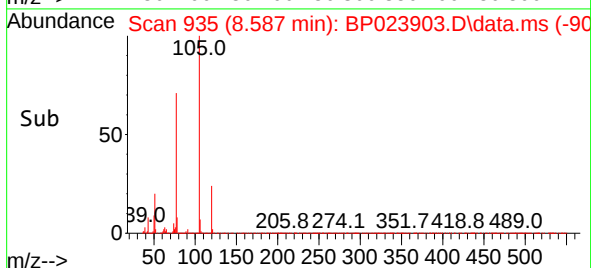
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

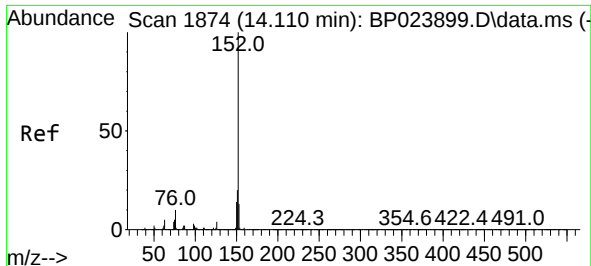


#16
Acetophenone
Concen: 8.773 ng/ul
RT: 8.587 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26



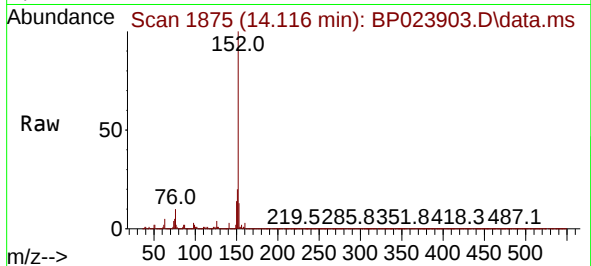
Tgt Ion:105 Resp: 429180
Ion Ratio Lower Upper
105 100
77 71.2 58.6 87.8
51 20.5 16.6 24.8





#50
Acenaphthylene
Concen: 3.957 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

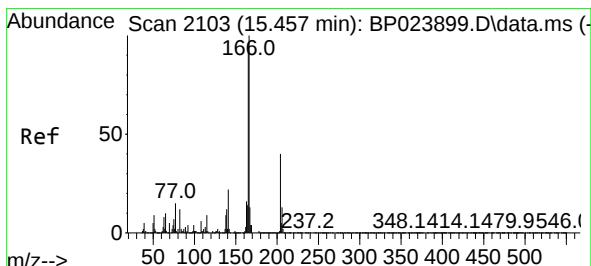
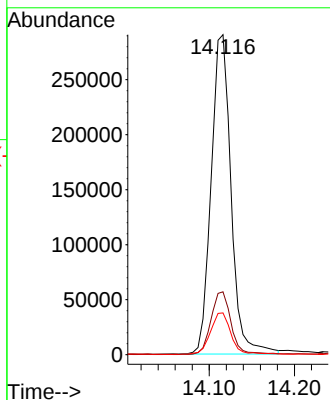
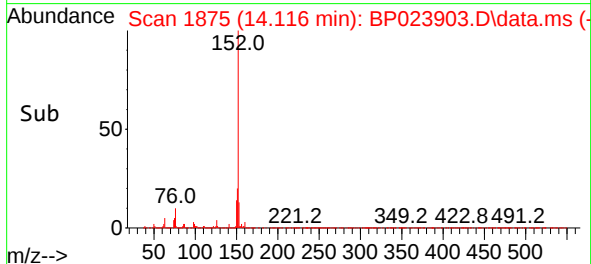
Instrument :
BNA_P
ClientSampleId :
A44T0



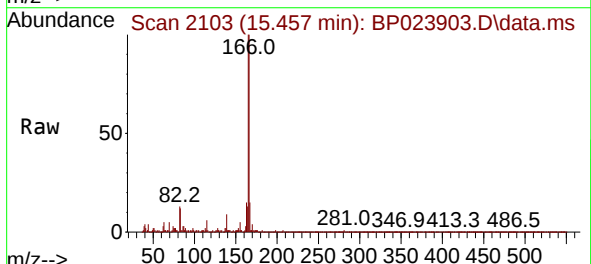
Tgt Ion:152 Resp: 471389
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.1 10.4 15.6

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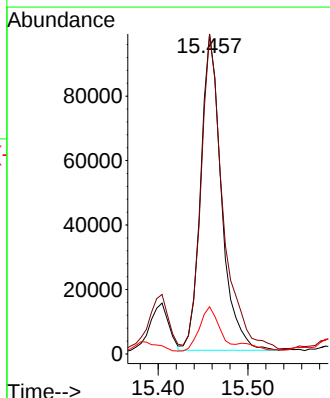
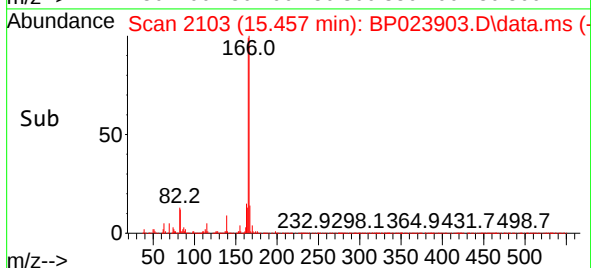
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

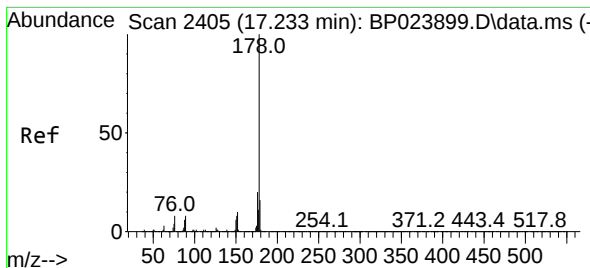


#61
Fluorene
Concen: 1.620 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26



Tgt Ion:166 Resp: 157298
Ion Ratio Lower Upper
166 100
165 100.0 77.9 116.9
167 14.7 10.6 16.0





#72

Phenanthrene

Concen: 26.508 ng/u1

RT: 17.245 min Scan# 2405

Delta R.T. 0.018 min

Lab File: BP023903.D

Acq: 04 Feb 2025 07:26

Instrument :

BNA_P

ClientSampleId :

A44T0

Tgt Ion:178 Resp: 3886549

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

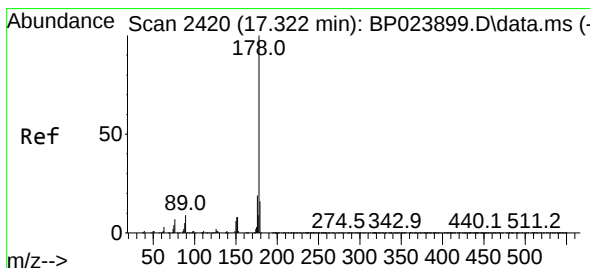
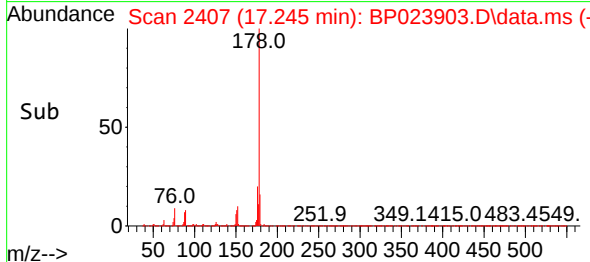
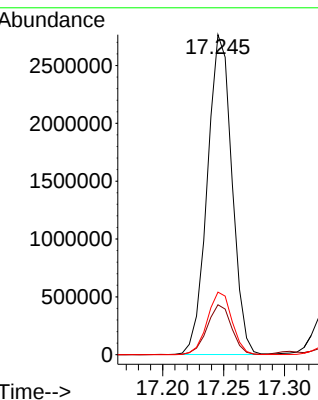
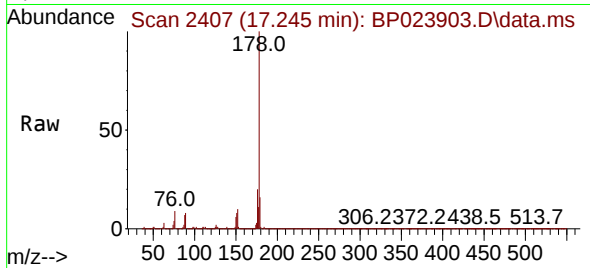
176 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025

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#74

Anthracene

Concen: 3.637 ng/u1

RT: 17.334 min Scan# 2422

Delta R.T. 0.012 min

Lab File: BP023903.D

Acq: 04 Feb 2025 07:26

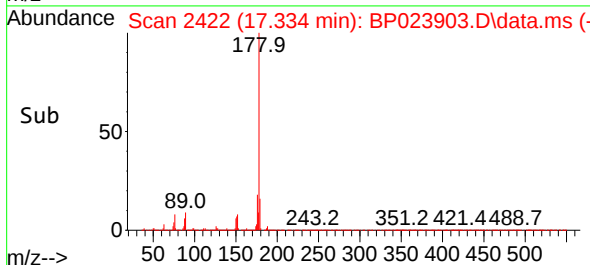
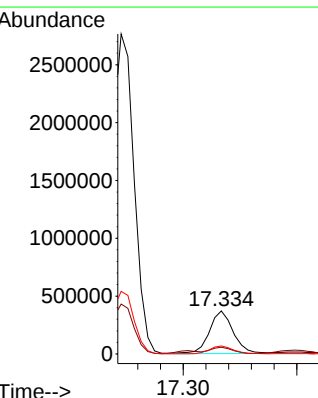
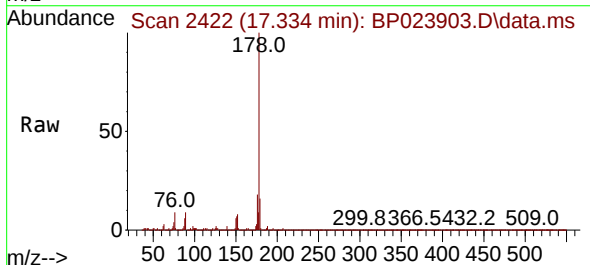
Tgt Ion:178 Resp: 537728

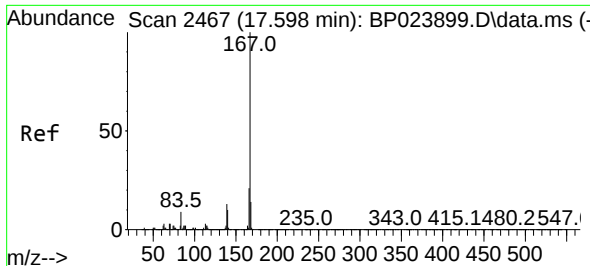
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

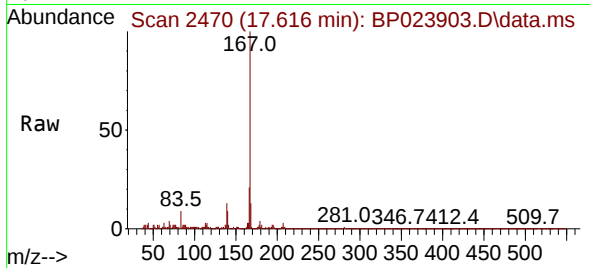
176 18.4 15.0 22.4





#77
 Carbazole
 Concen: 2.023 ng/u1
 RT: 17.616 min Scan# 2467
 Delta R.T. 0.018 min
 Lab File: BP023903.D
 Acq: 04 Feb 2025 07:26

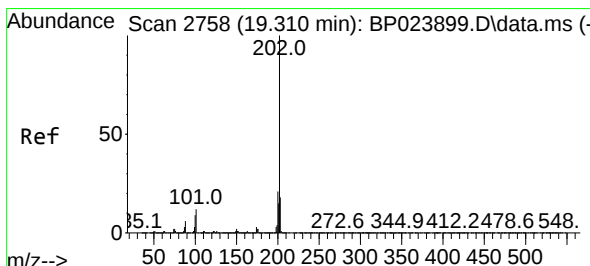
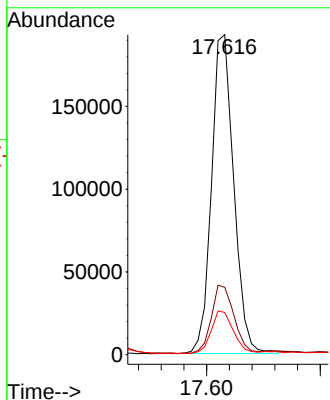
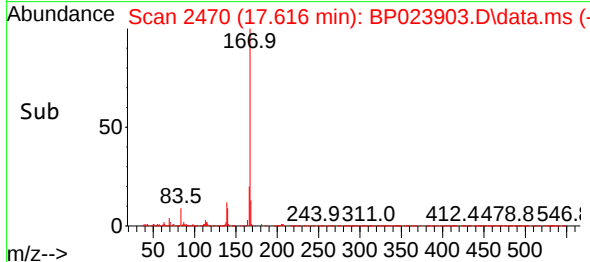
Instrument :
 BNA_P
 ClientSampleId :
 A44T0



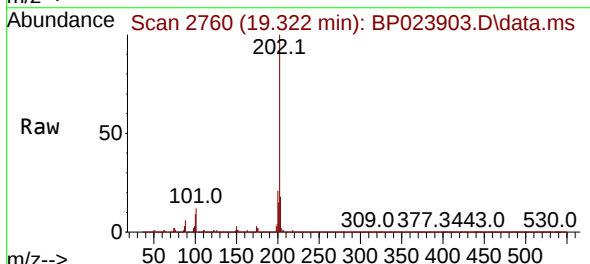
Tgt Ion:167 Resp: 262020
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.2 10.2 15.4

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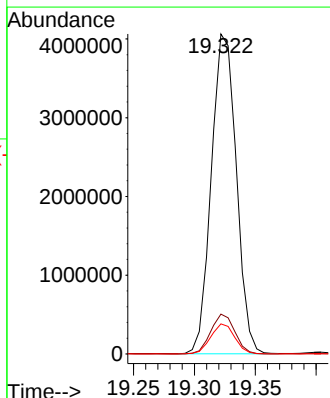
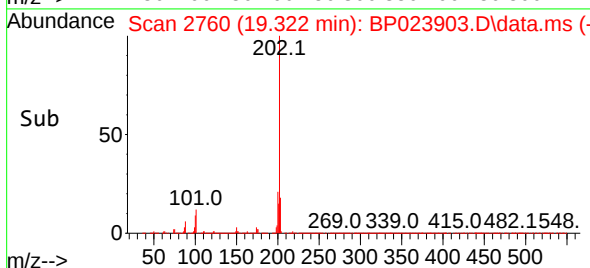
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

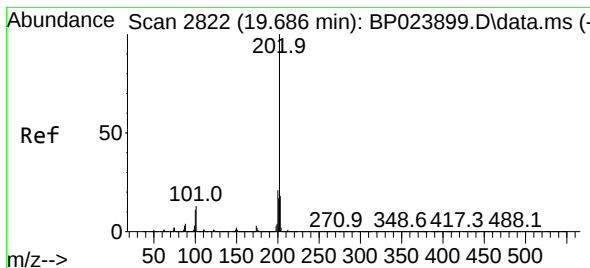


#80
 Fluoranthene
 Concen: 37.261 ng/u1
 RT: 19.322 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BP023903.D
 Acq: 04 Feb 2025 07:26



Tgt Ion:202 Resp: 5799770
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.4 14.2
 100 9.4 7.0 10.6





#82

Pyrene

Concen: 25.375 ng/ul

RT: 19.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP023903.D

Acq: 04 Feb 2025 07:26

Instrument :

BNA_P

ClientSampleId :

A44T0

Tgt Ion:202 Resp: 413032

Ion Ratio Lower Upper

202 100

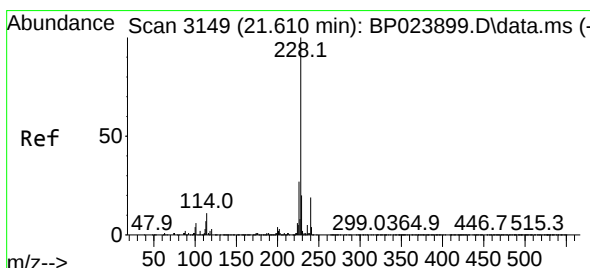
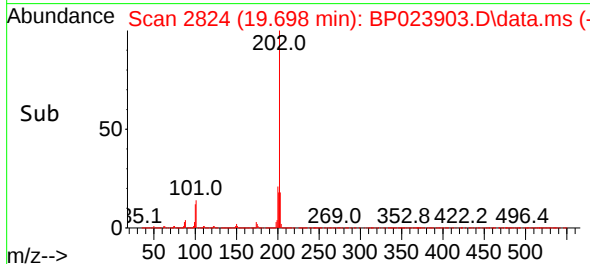
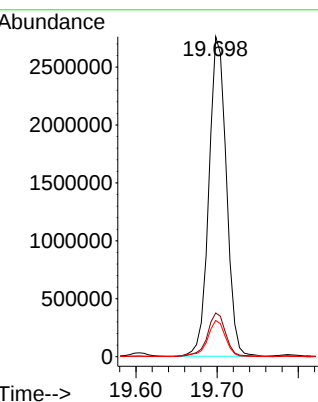
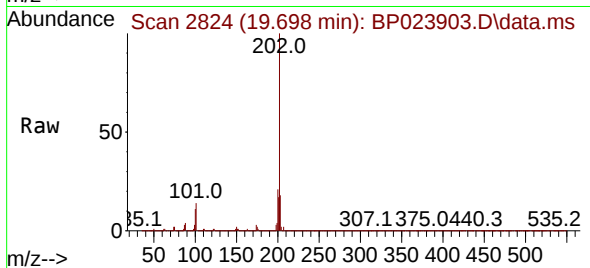
101 13.6 10.4 15.6

100 11.3 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: 13.211 ng/ul m

RT: 21.627 min Scan# 3152

Delta R.T. 0.012 min

Lab File: BP023903.D

Acq: 04 Feb 2025 07:26

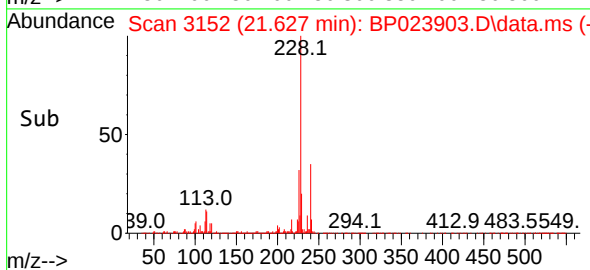
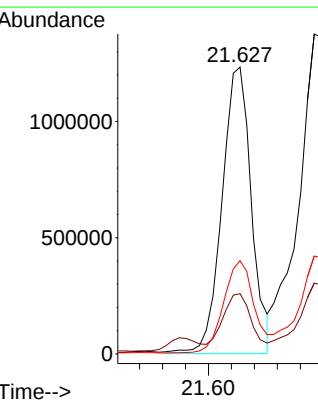
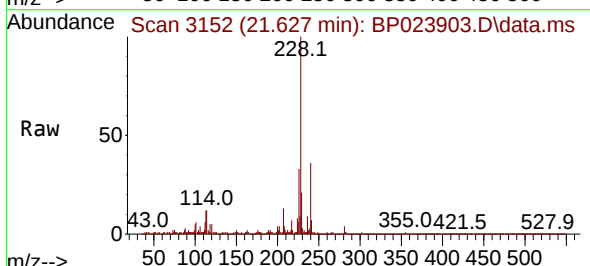
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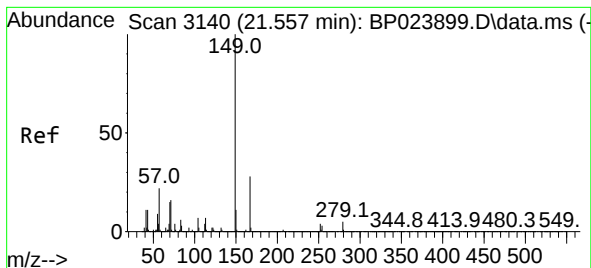
Ion Ratio Lower Upper

228 100

229 21.0 15.9 23.9

226 32.5 21.7 32.5#





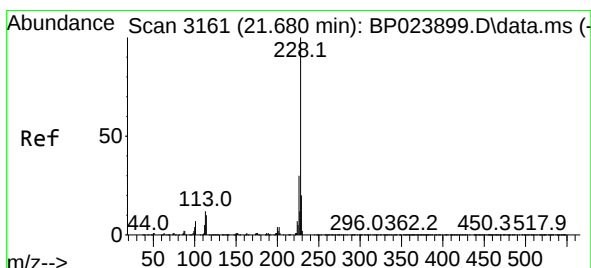
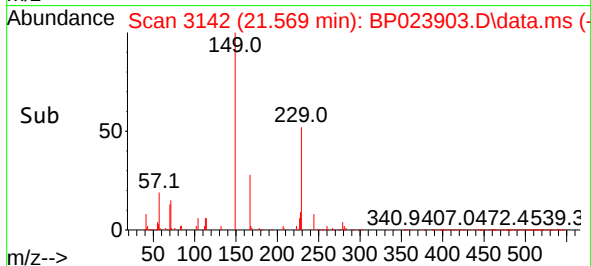
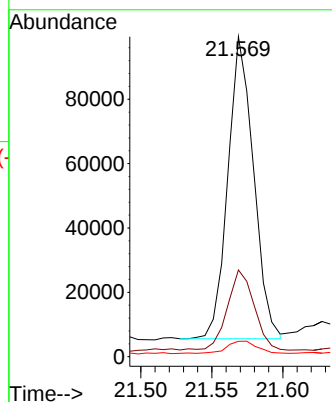
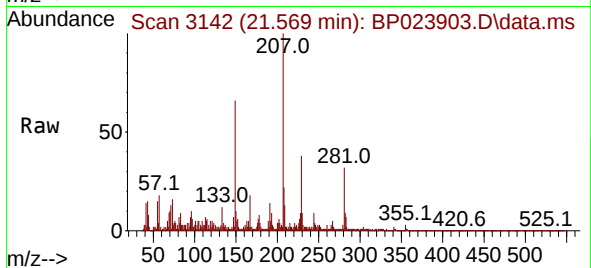
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.155 ng/ul
RT: 21.569 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

Instrument :
BNA_P
ClientSampleId :
A44T0

Tgt Ion:149 Resp: 11807
Ion Ratio Lower Upper
149 100
167 27.1 22.6 33.8
279 4.8 3.8 5.6

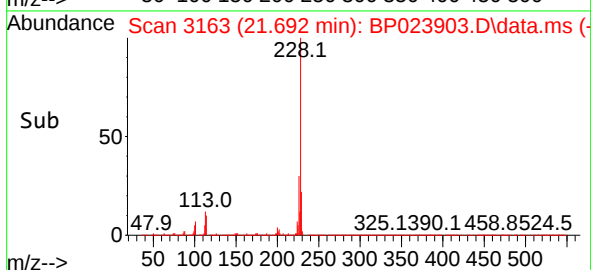
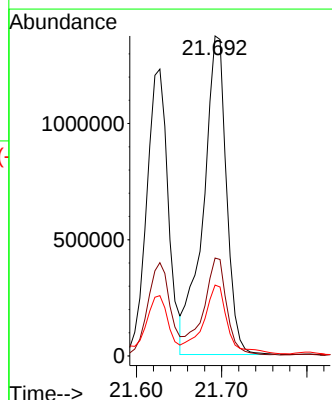
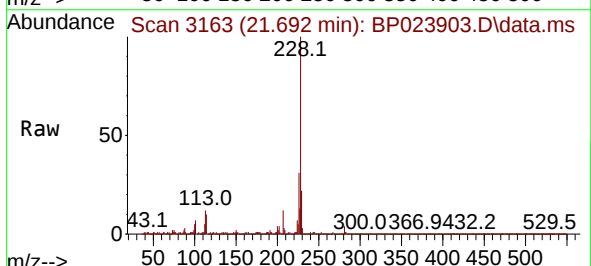
Manual Integrations
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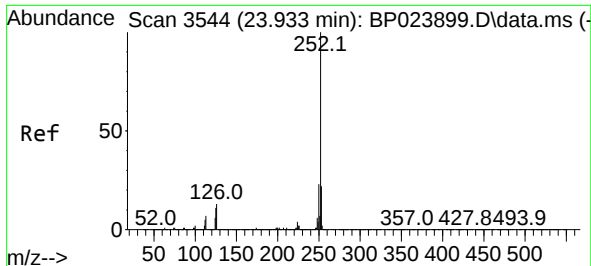
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#87
Chrysene
Concen: 17.001 ng/ul
RT: 21.692 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

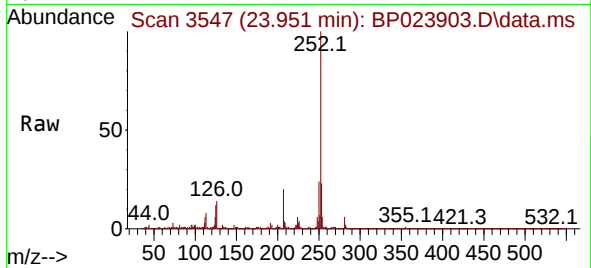
Tgt Ion:228 Resp: 2597849
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.6
229 22.2 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 17.919 ng/ul m
RT: 23.951 min Scan# 3547
Delta R.T. 0.006 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

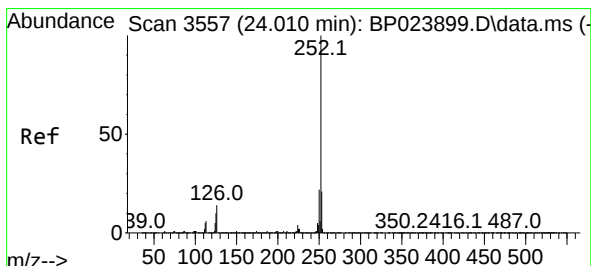
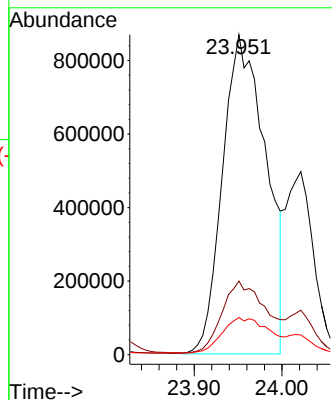
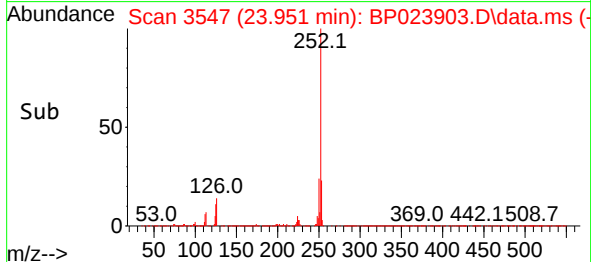
Instrument :
BNA_P
ClientSampleId :
A44T0



Tgt Ion:252 Resp: 2972910
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.6 8.2 12.2

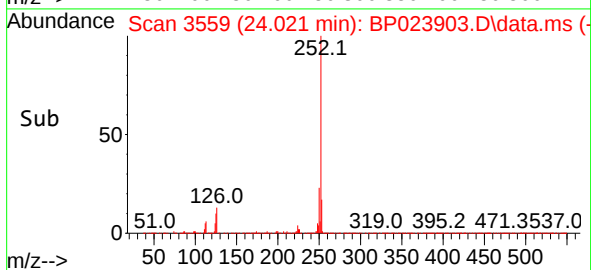
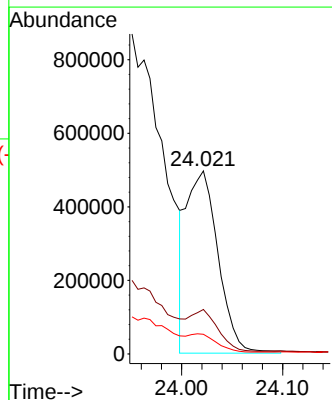
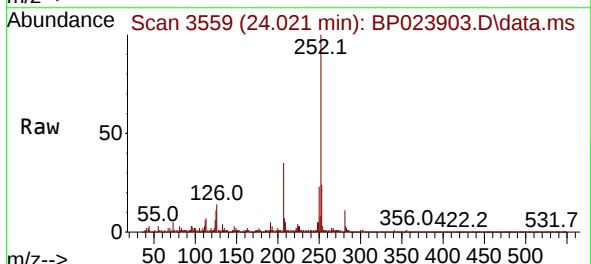
Manual Integrations
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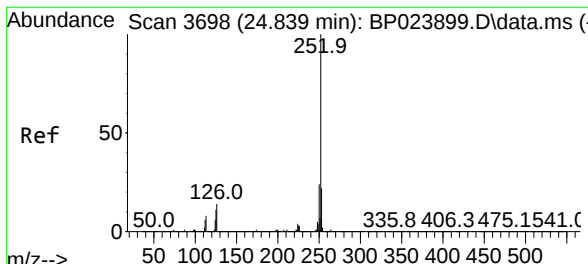
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#91
Benzo(k)fluoranthene
Concen: 6.475 ng/ul m
RT: 24.021 min Scan# 3559
Delta R.T. 0.012 min
Lab File: BP023903.D
Acq: 04 Feb 2025 07:26

Tgt Ion:252 Resp: 1076886
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 10.8 8.5 12.7





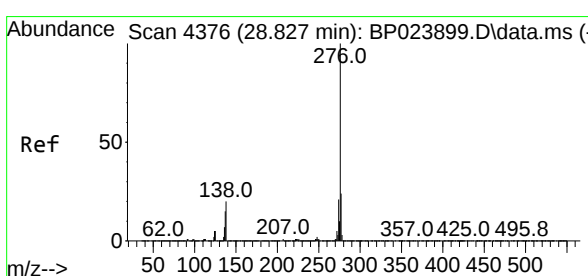
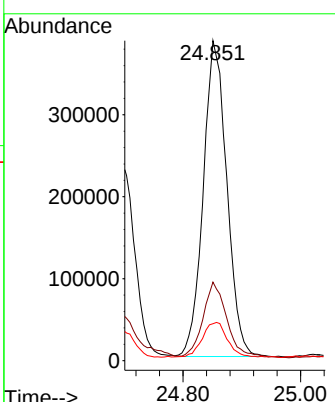
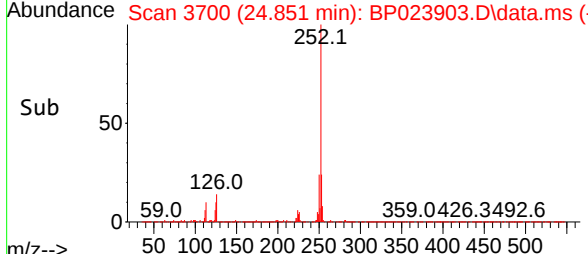
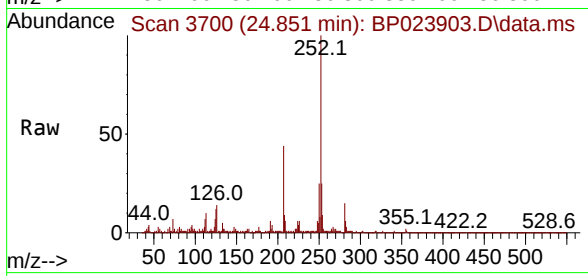
#93
 Benzo(a)pyrene
 Concen: 6.934 ng/ul
 RT: 24.851 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP023903.D
 Acq: 04 Feb 2025 07:26

Instrument : BNA_P
 ClientSampleId : A44T0

Tgt Ion: 252 Resp: 1074238

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	11.5	9.2	13.8

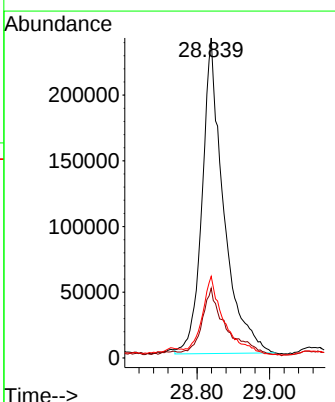
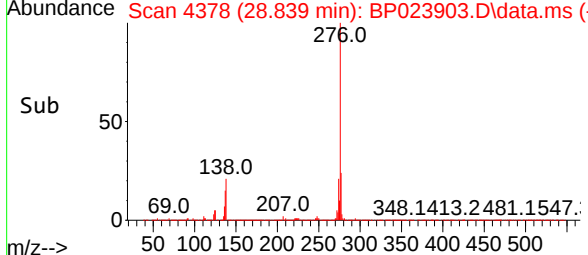
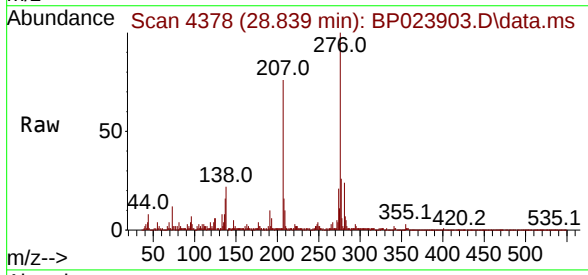
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

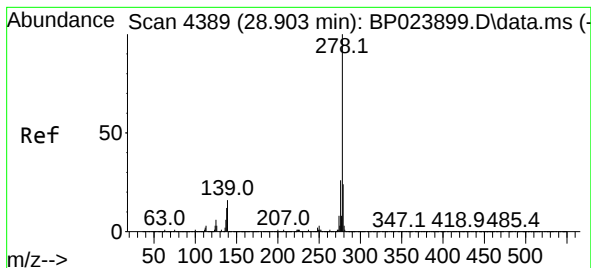


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.920 ng/ul
 RT: 28.839 min Scan# 4378
 Delta R.T. 0.012 min
 Lab File: BP023903.D
 Acq: 04 Feb 2025 07:26

Tgt Ion: 276 Resp: 988148

Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.9	23.9
277	25.5	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 2.422 ng/ul m

RT: 28.939 min Scan# 4389

Delta R.T. 0.012 min

Lab File: BP023903.D

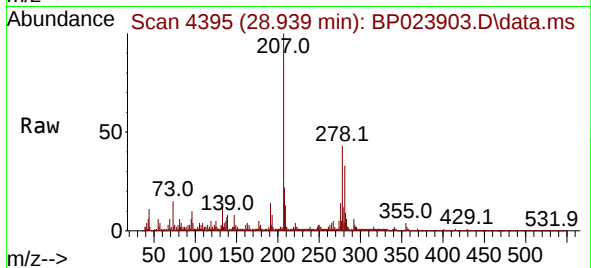
Acq: 04 Feb 2025 07:26

Instrument :

BNA_P

ClientSampleId :

A44T0



Tgt Ion:278 Resp: 394589

Ion Ratio Lower Upper

278 100

139 18.7 12.7 19.1

279 28.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025

