

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010169.D
 Acq On : 02 May 2022 13:03
 Operator : CG/JU
 Sample : N2562-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW467

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 03 01:07:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	154235	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	633217	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	368579	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	691697	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	627543	20.000	ng/u1	# 0.00
88) Perylene-d12	23.839	264	622339	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7877m	2.227	ng/uL	0.00
4) Pyridine-d5	3.787	84	34898	3.507	ng/u1	0.01
7) Phenol-d5	7.087	99	145345	10.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	100545	11.944	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	123723	11.908	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	109263	9.400	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	59481	11.811	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	65769	11.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	123488	11.533	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	134399	8.754	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	428158	14.933	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	461904	13.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	37861m	7.173	ng/u1	0.00
60) Fluorene-d10	15.551	176	362055	14.680	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	30445	6.961	ng/u1	0.00
73) Anthracene-d10	17.410	188	534817	15.982	ng/u1	0.00
81) Pyrene-d10	19.639	212	620301	17.381	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	546231	16.742	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.281	152	38470m	1.119	ng/u1	
52) Acenaphthene	14.622	153	26603	1.190	ng/u1	94
61) Fluorene	15.604	166	40208	1.480	ng/u1	98
72) Phenanthrene	17.351	178	1041425	27.701	ng/u1	98
74) Anthracene	17.439	178	254140	6.711	ng/u1	98
80) Fluoranthene	19.316	202	1845372	45.843	ng/u1	97
82) Pyrene	19.669	202	1429728	34.474	ng/u1#	94
85) Benzo(a)anthracene	21.374	228	747767	18.776	ng/u1	96
87) Chrysene	21.427	228	692615	17.662	ng/u1	97
90) Benzo(b)fluoranthene	23.092	252	762130	18.216	ng/u1	98
91) Benzo(k)fluoranthene	23.139	252	301355m	7.604	ng/u1	
93) Benzo(a)pyrene	23.727	252	499440	12.909	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	312670	8.124	ng/u1	99
95) Dibenzo(a,h)anthracene	26.386	278	80170	2.434	ng/u1#	86
96) Benzo(g,h,i)perylene	27.168	276	234860	7.232	ng/u1#	89

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

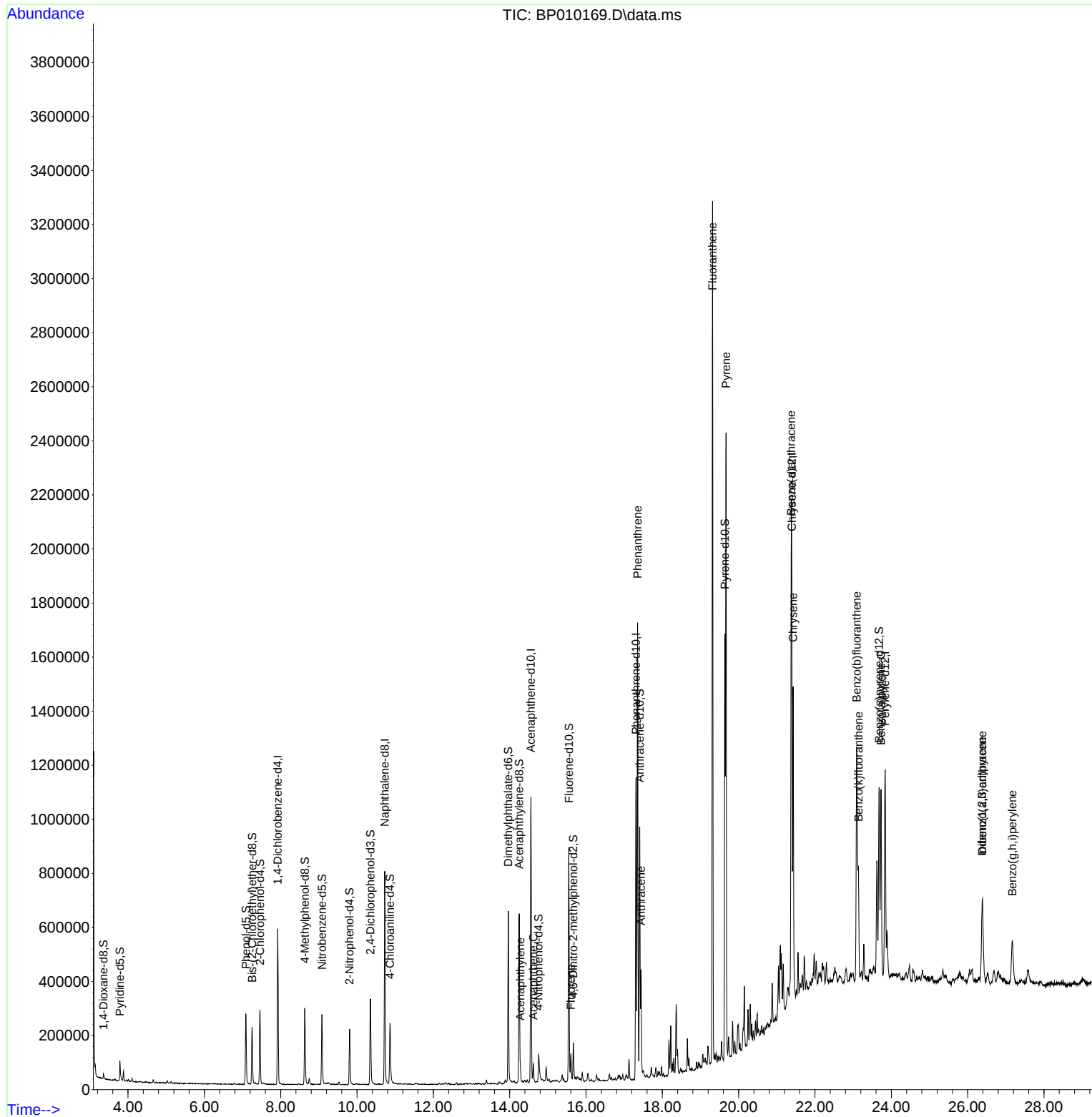
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 ALS Vial : 5 Sample Multiplier: 1

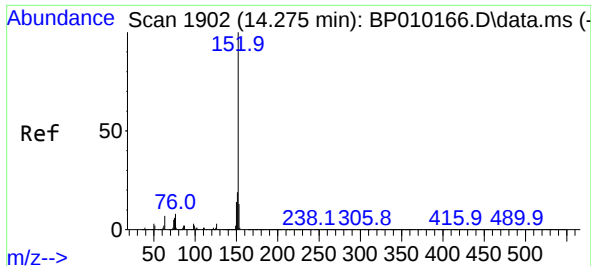
Instrument :
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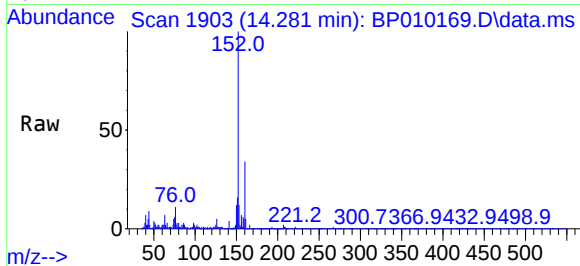
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
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#50
Acenaphthylene
Concen: 1.119 ng/ul m
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

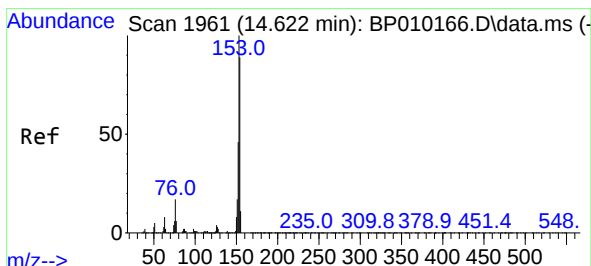
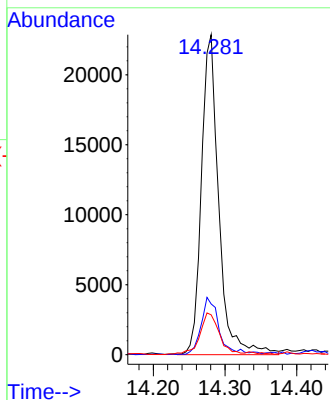
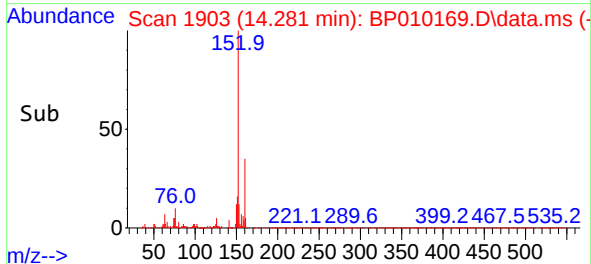
Instrument :
BNA_P
ClientSampleId :
EW467



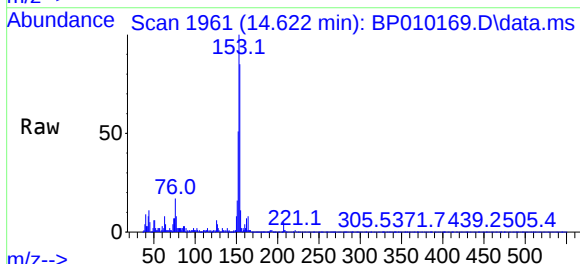
Tgt Ion:152 Resp: 38470
Ion Ratio Lower Upper
152 100
151 15.8 18.3 27.5
153 12.4 11.0 16.6

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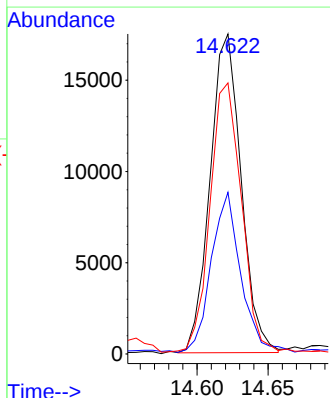
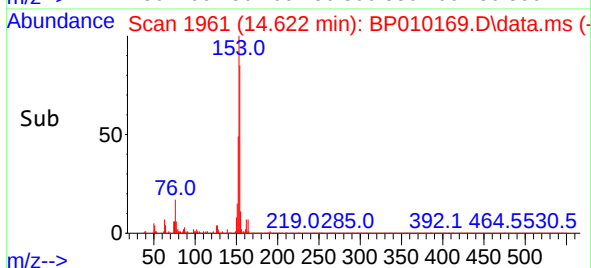
Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022

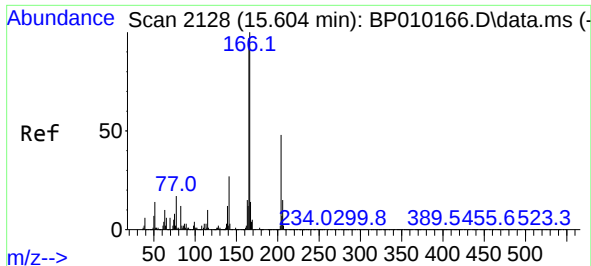


#52
Acenaphthene
Concen: 1.190 ng/ul
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03



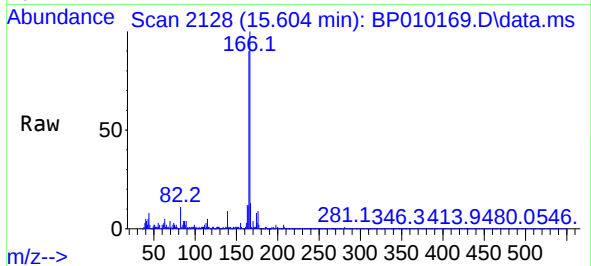
Tgt Ion:153 Resp: 26603
Ion Ratio Lower Upper
153 100
152 50.5 34.3 51.5
154 84.7 70.0 105.0





#61
Fluorene
Concen: 1.480 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

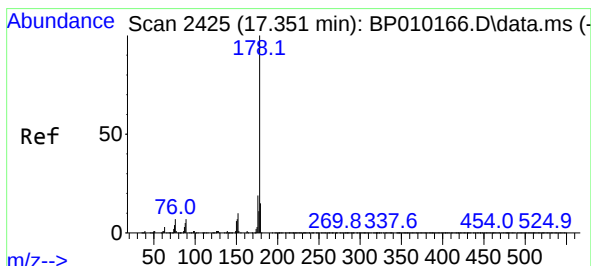
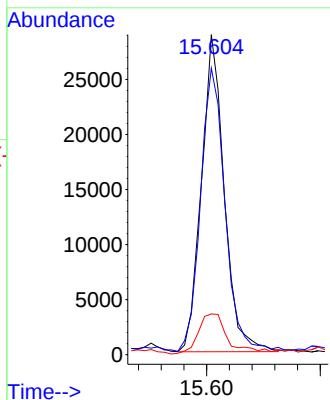
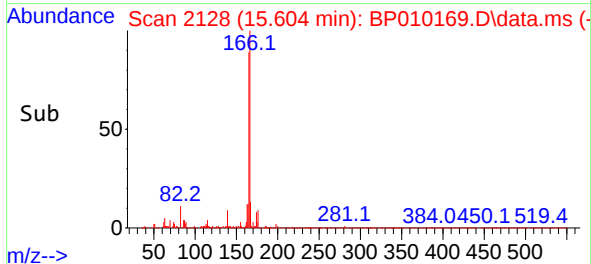
Instrument :
BNA_P
ClientSampleId :
EW467



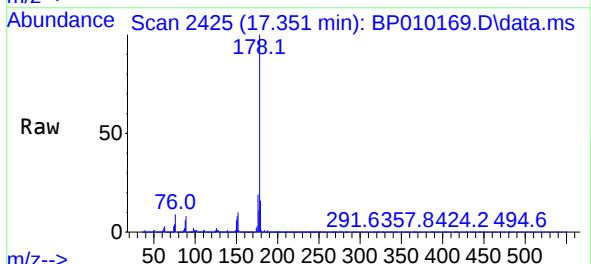
Tgt Ion:166 Resp: 40208
Ion Ratio Lower Upper
166 100
165 89.6 70.3 105.5
167 12.8 9.5 14.3

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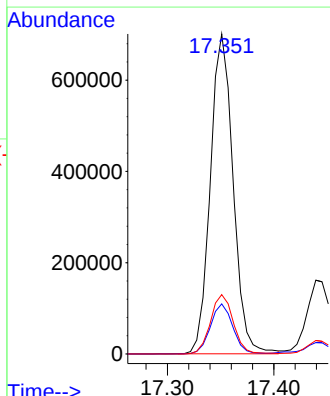
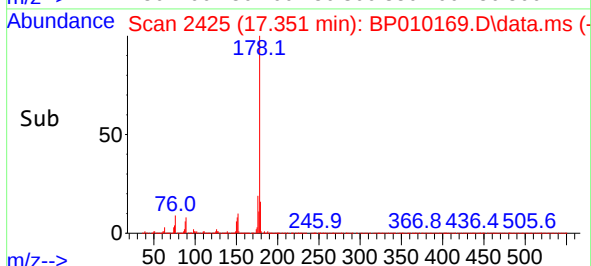
Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022

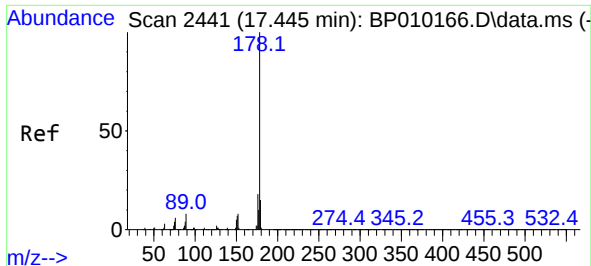


#72
Phenanthrene
Concen: 27.701 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03



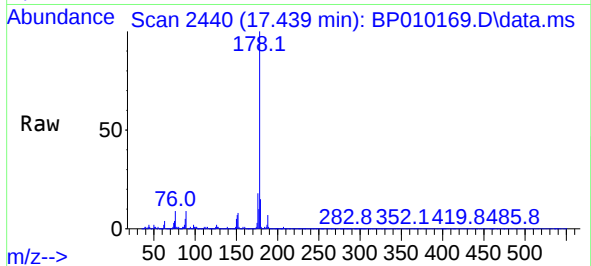
Tgt Ion:178 Resp: 1041425
Ion Ratio Lower Upper
178 100
179 15.7 11.7 17.5
176 18.6 14.5 21.7





#74
 Anthracene
 Concen: 6.711 ng/ul
 RT: 17.439 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BP010169.D
 Acq: 02 May 2022 13:03

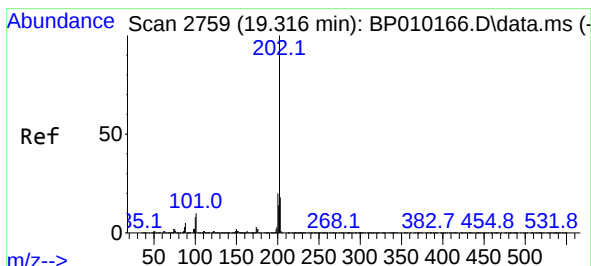
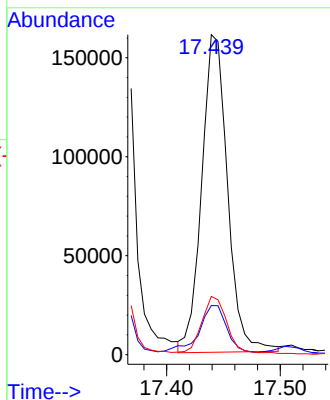
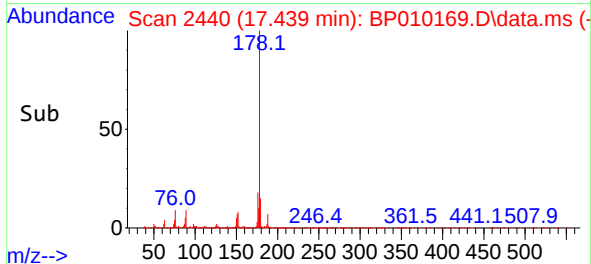
Instrument :
 BNA_P
 ClientSampleId :
 EW467



Tgt Ion:178 Resp: 254140
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 18.2 13.4 20.2

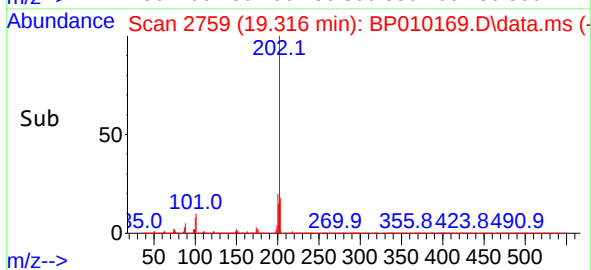
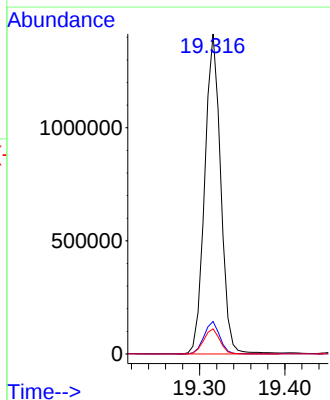
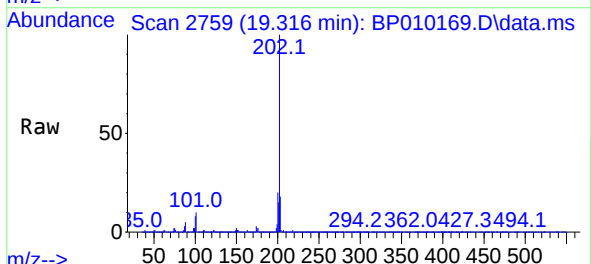
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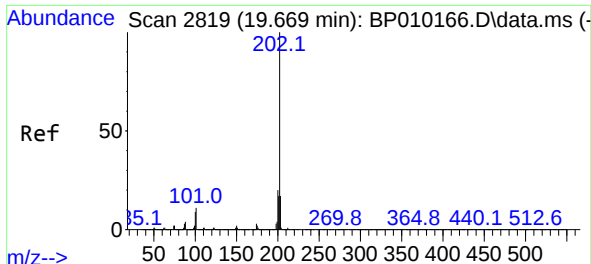
Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022



#80
 Fluoranthene
 Concen: 45.843 ng/ul
 RT: 19.316 min Scan# 2759
 Delta R.T. -0.000 min
 Lab File: BP010169.D
 Acq: 02 May 2022 13:03

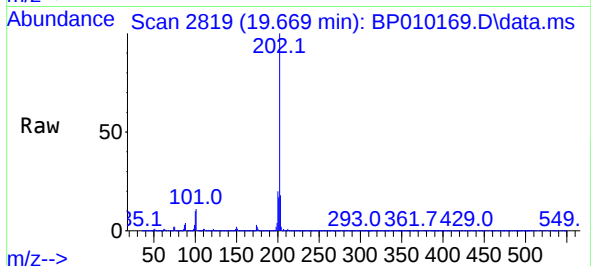
Tgt Ion:202 Resp: 1845372
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.6 14.4
 100 7.8 6.3 9.5





#82
Pyrene
Concen: 34.474 ng/ul
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

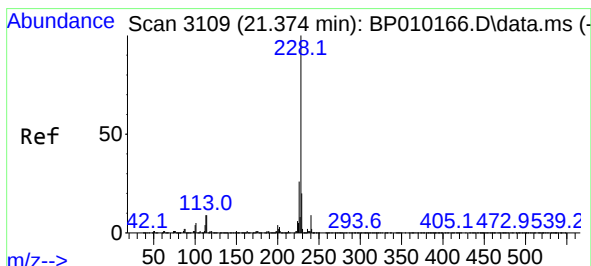
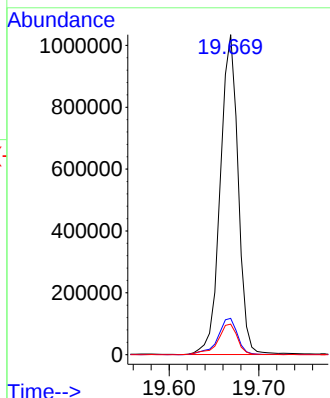
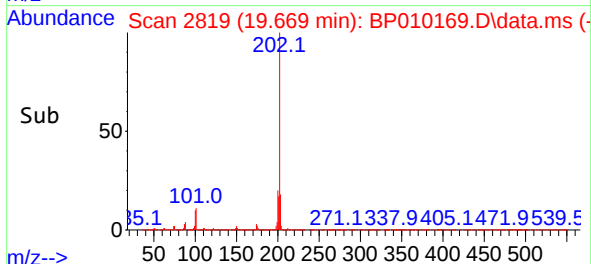
Instrument :
BNA_P
ClientSampleId :
EW467



Tgt Ion:202 Resp: 1429728
Ion Ratio Lower Upper
202 100
101 11.3 10.6 15.8
100 9.5 9.8 14.6

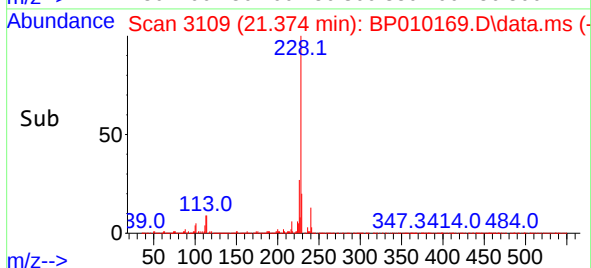
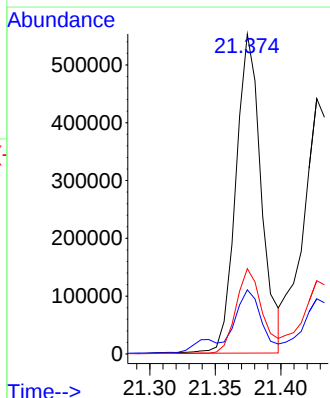
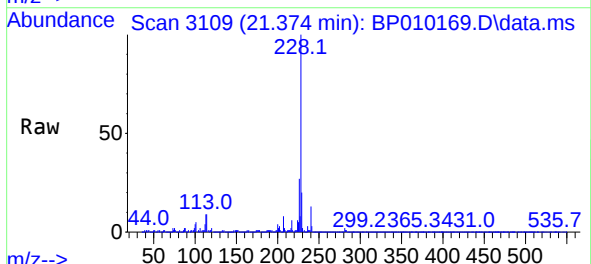
Manual Integrations
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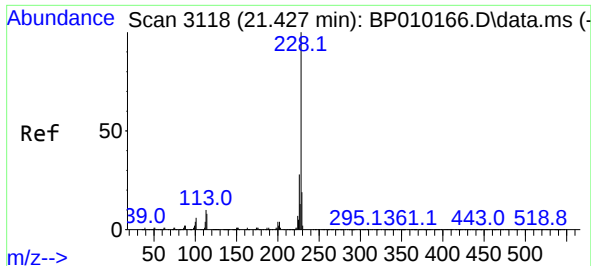
Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022



#85
Benzo(a)anthracene
Concen: 18.776 ng/ul
RT: 21.374 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

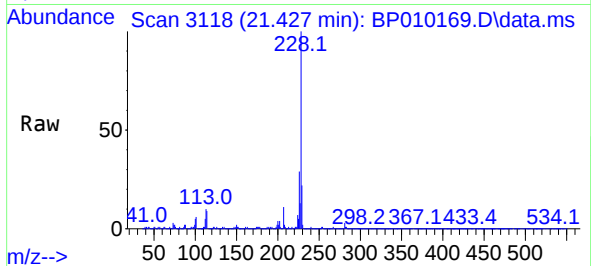
Tgt Ion:228 Resp: 747767
Ion Ratio Lower Upper
228 100
229 20.1 18.2 27.2
226 26.6 22.8 34.2





#87
Chrysene
Concen: 17.662 ng/u1
RT: 21.427 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

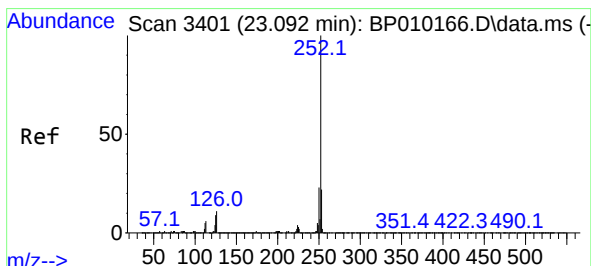
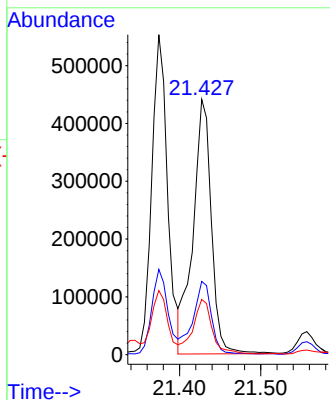
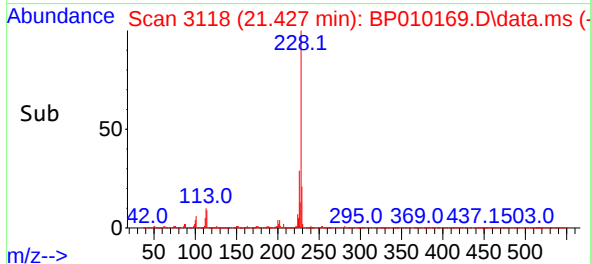
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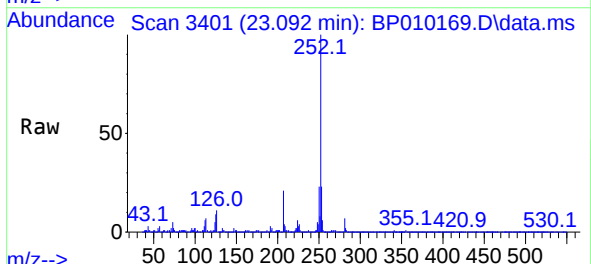
Tgt Ion:228 Resp: 69261
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.6 15.2 22.8

Manual Integrations
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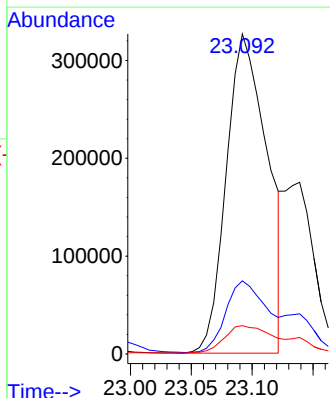
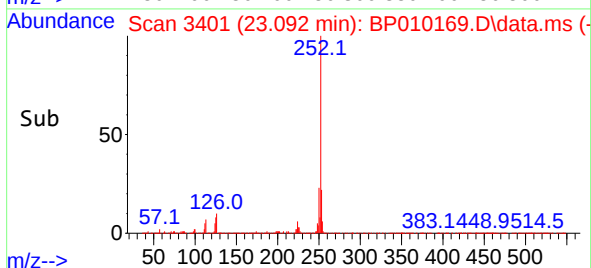
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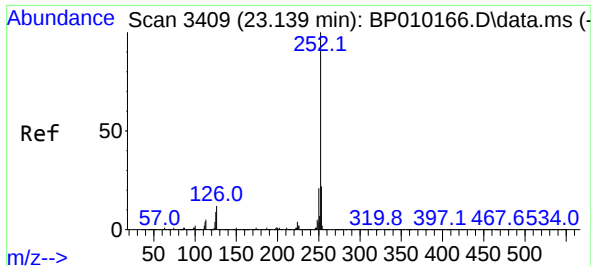


#90
Benzo(b)fluoranthene
Concen: 18.216 ng/u1
RT: 23.092 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03



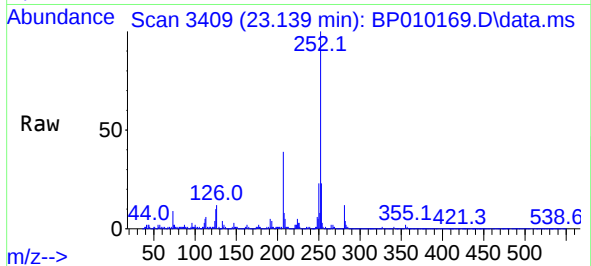
Tgt Ion:252 Resp: 762130
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.9 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 7.604 ng/ul m
RT: 23.139 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

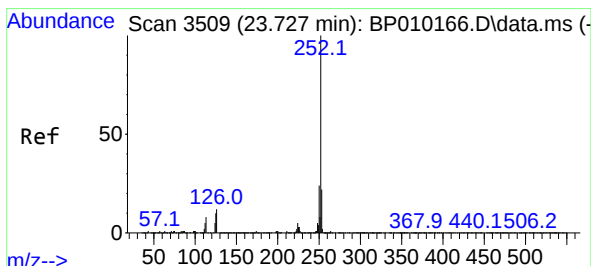
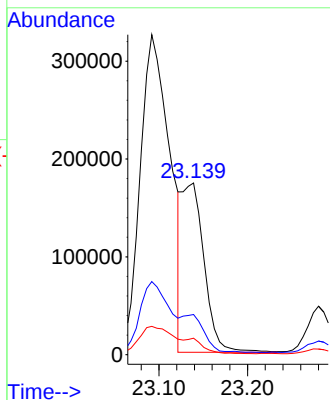
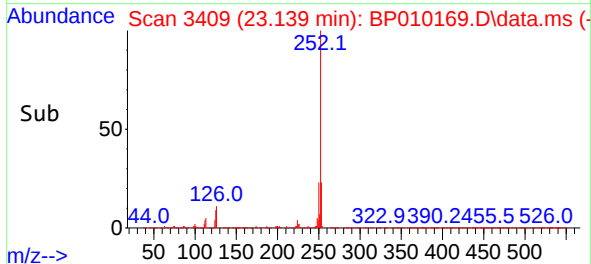
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EW467



Tgt Ion:252 Resp: 301358
Ion Ratio Lower Upper
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125 9.6 5.1 7.7

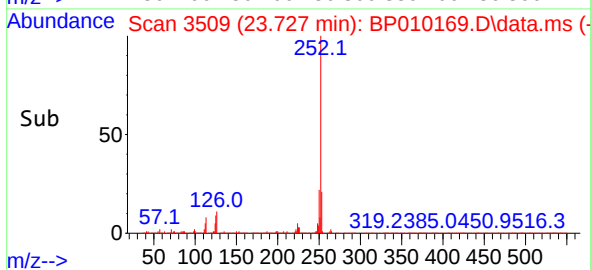
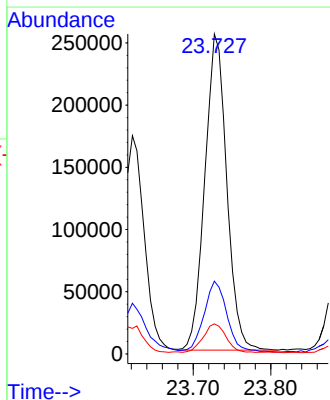
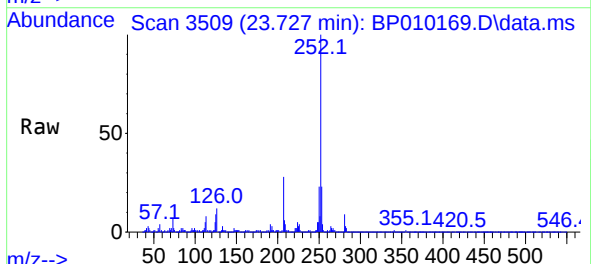
Manual Integrations
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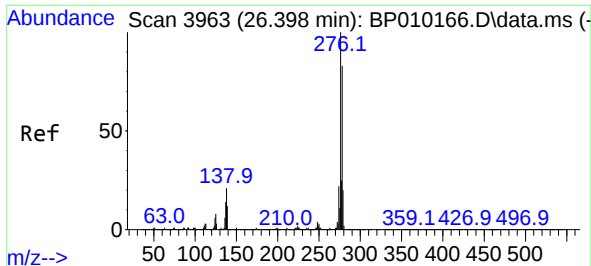
Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022



#93
Benzo(a)pyrene
Concen: 12.909 ng/ul
RT: 23.727 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

Tgt Ion:252 Resp: 499440
Ion Ratio Lower Upper
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253 22.8 17.5 26.3
125 9.4 6.4 9.6





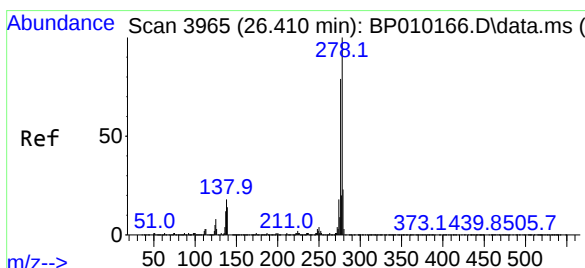
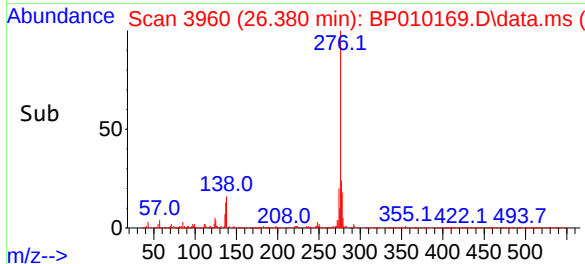
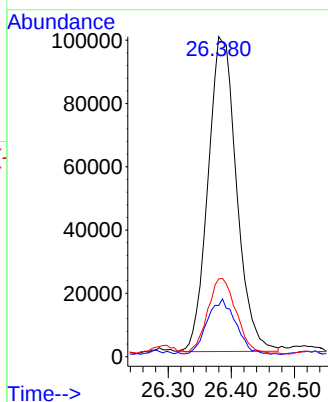
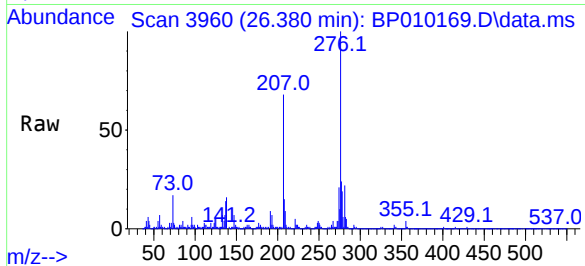
#94
Indeno(1,2,3-cd)pyrene
Concen: 8.124 ng/ul
RT: 26.380 min Scan# 3963
Delta R.T. -0.018 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

Instrument :
BNA_P
ClientSampleId :
EW467

Tgt Ion:276 Resp: 312670
Ion Ratio Lower Upper
276 100
138 16.0 12.3 18.5
277 24.3 19.3 28.9

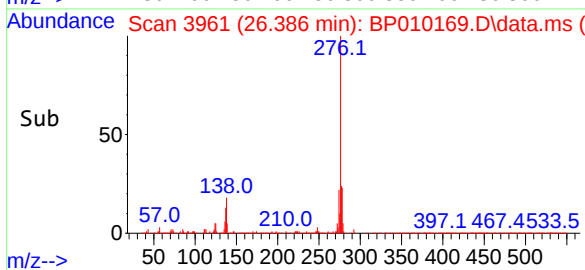
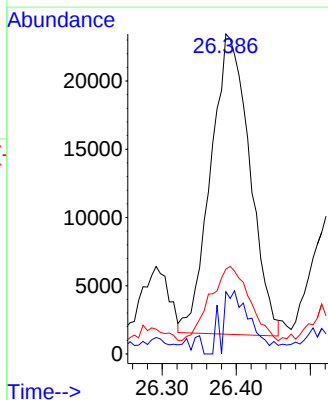
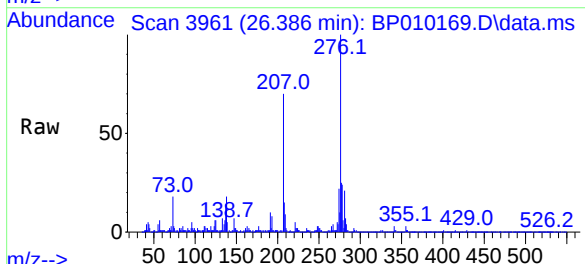
Manual Integrations
APPROVED

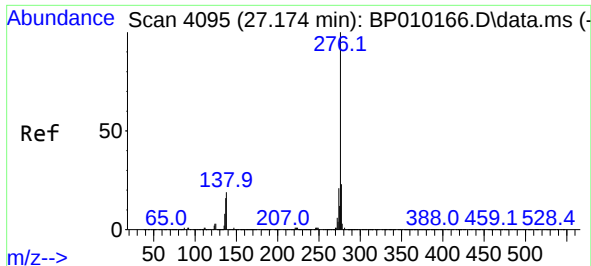
Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022



#95
Dibenzo(a,h)anthracene
Concen: 2.434 ng/ul
RT: 26.386 min Scan# 3961
Delta R.T. -0.024 min
Lab File: BP010169.D
Acq: 02 May 2022 13:03

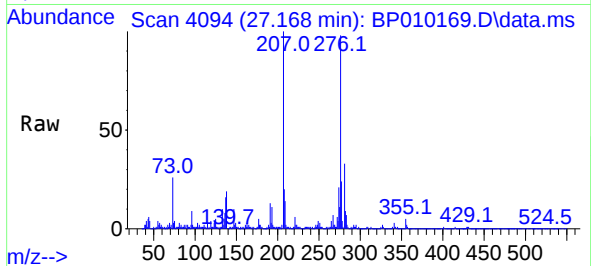
Tgt Ion:278 Resp: 80170
Ion Ratio Lower Upper
278 100
139 19.4 6.6 10.0#
279 26.5 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 7.232 ng/ul
 RT: 27.168 min Scan# 4094
 Delta R.T. -0.006 min
 Lab File: BP010169.D
 Acq: 02 May 2022 13:03

Instrument :
 BNA_P
 ClientSampleId :
 EW467



Tgt Ion: 276 Resp: 234860
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4
 277 24.7 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

