

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
 Data File : BP011896.D
 Acq On : 04 Oct 2022 05:18
 Operator : CG/JU
 Sample : N4859-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10009

Quant Time: Oct 04 05:45:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	276191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	1109468	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.534	164	672740	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1452424	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1602790	20.000	ng/u1	-0.01
88) Perylene-d12	23.810	264	1663071	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	20898	3.337	ng/uL	0.00
4) Pyridine-d5	3.728	84	210030	11.450	ng/u1	0.00
7) Phenol-d5	7.052	99	174685	7.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	409927	31.017	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.416	132	476271	25.304	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	306787	15.565	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	296660	35.105	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.775	143	293431	32.455	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	514250	30.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	1117279m	43.823	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	1709746	35.540	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1992167	36.325	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	72968	7.325	ng/u1	0.00
60) Fluorene-d10	15.528	176	1523878	36.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	200809	22.842	ng/u1	0.00
73) Anthracene-d10	17.392	188	2469271	37.322	ng/u1	0.00
81) Pyrene-d10	19.627	212	3011632	37.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.657	264	3165788	38.027	ng/u1	0.00
Target Compounds	Qvalue					
26) 2,4-Dimethylphenol	9.899	107	25675m	1.324	ng/u1	
30) Naphthalene	10.746	128	1093509	18.350	ng/u1	100
37) 1-Methylnaphthalene	12.575	142	2245015	53.763	ng/u1	98
43) 1,1'-Biphenyl	13.369	154	2755855	55.383	ng/u1	99
50) Acenaphthylene	14.257	152	5255919	86.290	ng/u1	99
52) Acenaphthene	14.598	153	4064474	94.581	ng/u1	100
56) Dibenzofuran	14.934	168	5738603	97.496	ng/u1	100
61) Fluorene	15.586	166	3626013	75.215	ng/u1	98
72) Phenanthrene	17.339	178	7165088	89.766	ng/u1	98
74) Anthracene	17.428	178	982758	12.237	ng/u1	99
77) Carbazole	17.698	167	2653443	36.568	ng/u1	99
80) Fluoranthene	19.298	202	1764037	17.758	ng/u1	99
82) Pyrene	19.651	202	1214428	11.742	ng/u1	99
85) Benzo(a)anthracene	21.363	228	338856	3.233	ng/u1	94
87) Chrysene	21.410	228	262484	2.668	ng/u1	97
90) Benzo(b)fluoranthene	23.068	252	272570	2.568	ng/u1	98
93) Benzo(a)pyrene	23.698	252	238916	2.522	ng/u1	98
96) Benzo(g,h,i)perylene	27.115	276	108796	1.018	ng/u1	94

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

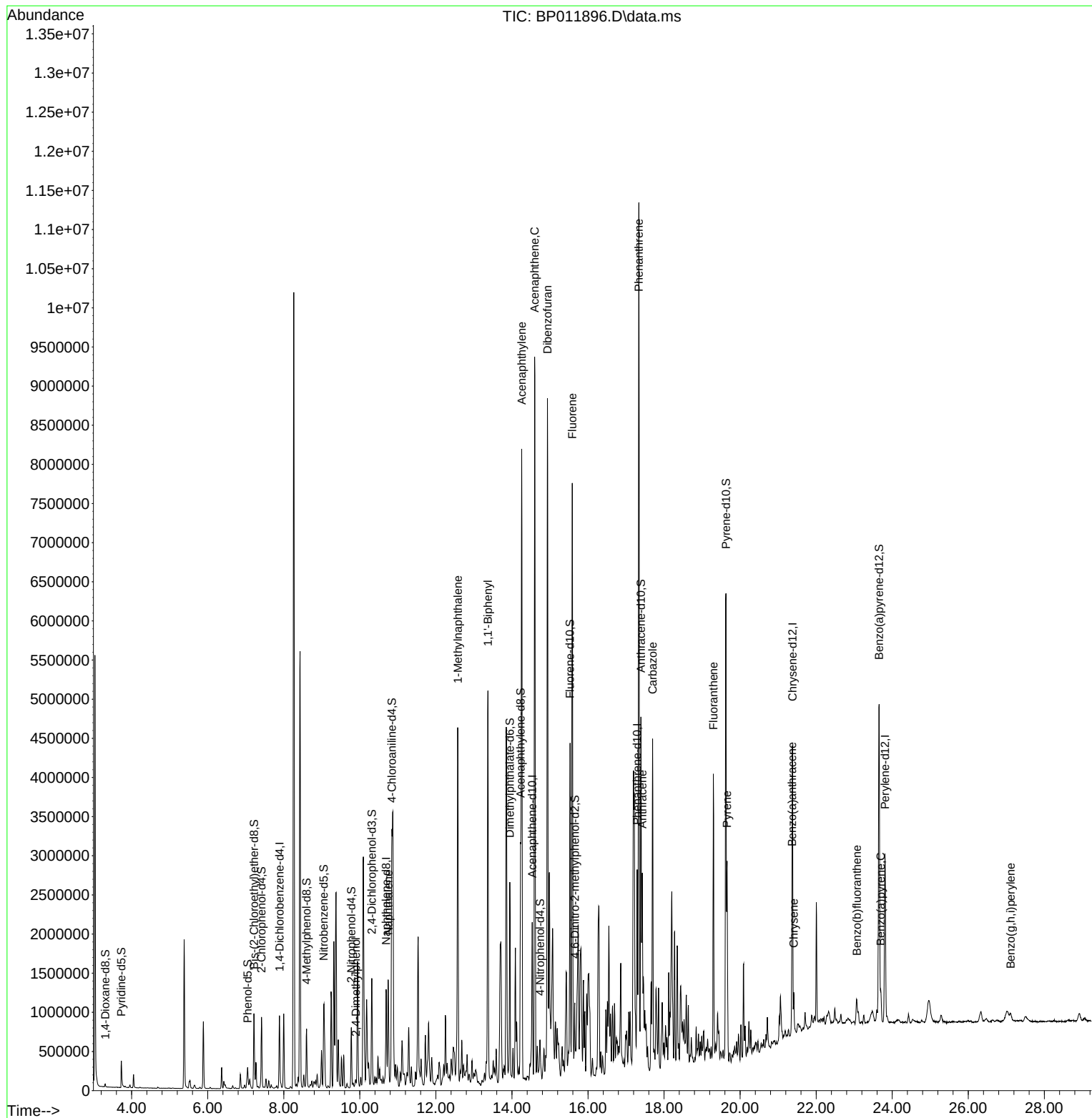
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
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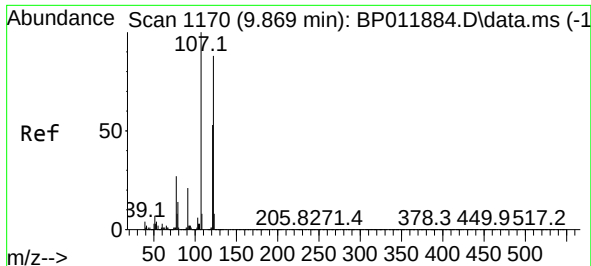
Instrument :
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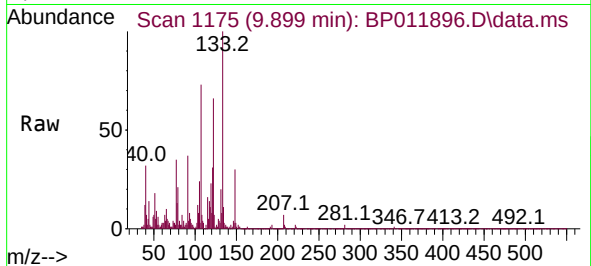
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
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#26
2,4-Dimethylphenol
Concen: 1.324 ng/ul m
RT: 9.899 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

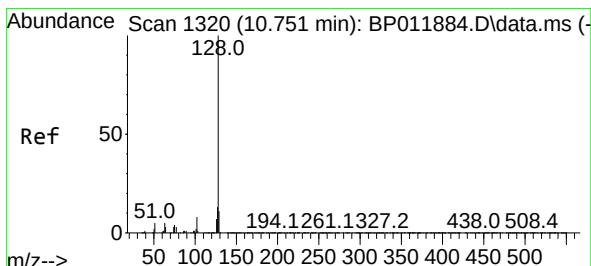
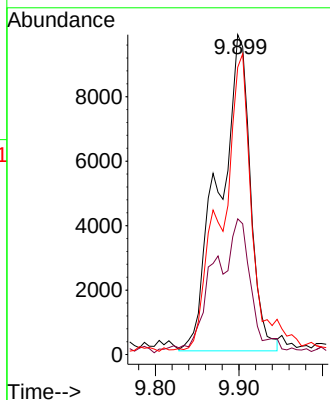
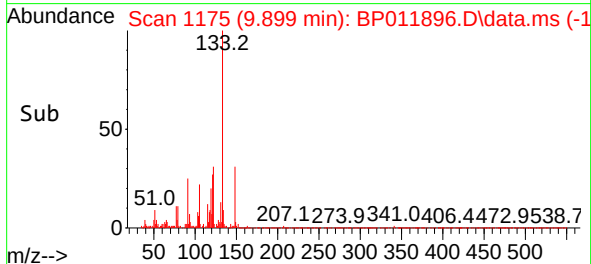
Instrument :
BNA_P
ClientSampleId :
E10009



Tgt Ion:107 Resp: 25675
Ion Ratio Lower Upper
107 100
121 42.4 43.0 64.6
122 89.8 74.9 112.3

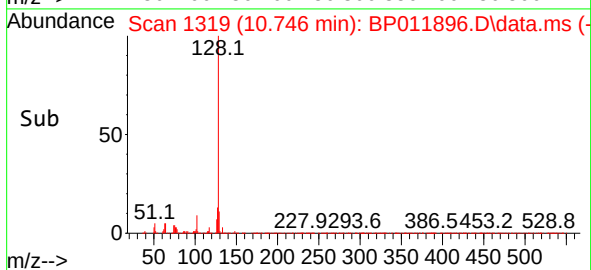
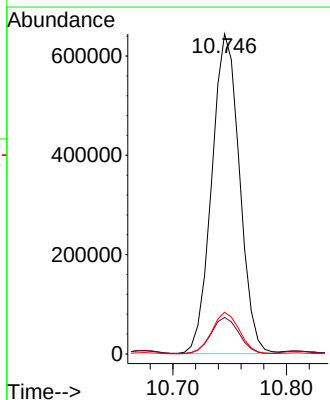
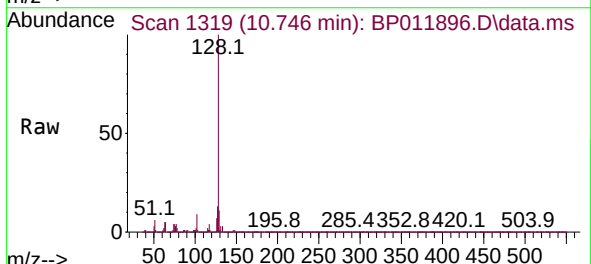
Manual Integrations
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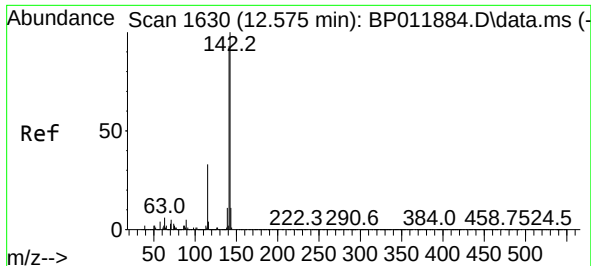
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#30
Naphthalene
Concen: 18.350 ng/ul
RT: 10.746 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

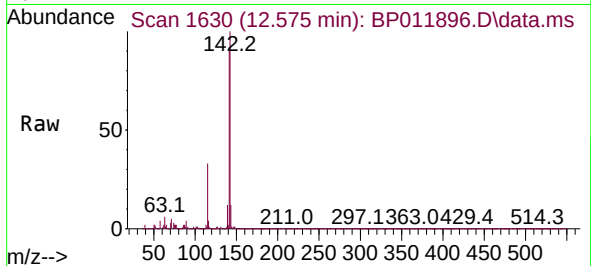
Tgt Ion:128 Resp: 1093509
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.0 10.5 15.7





#37
1-Methylnaphthalene
Concen: 53.763 ng/ul
RT: 12.575 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

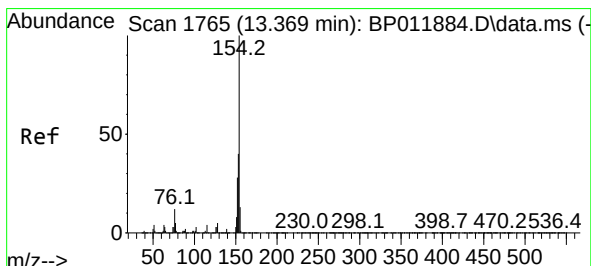
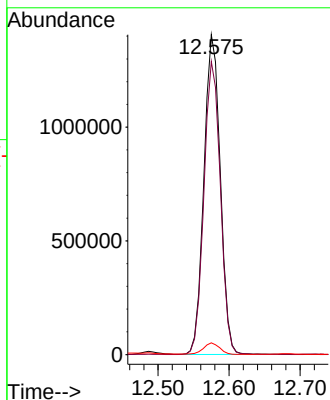
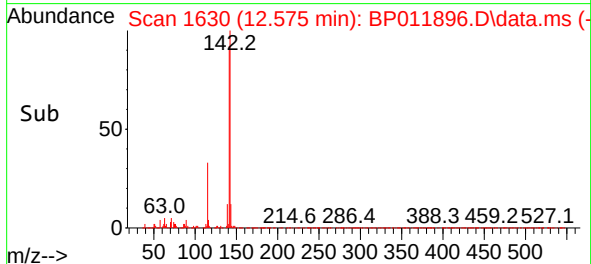
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BNA_P
ClientSampleId :
E10009



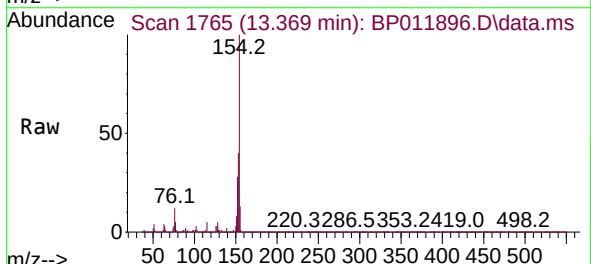
Tgt Ion:142 Resp: 2245015
Ion Ratio Lower Upper
142 100
141 91.6 74.8 112.2
116 3.7 2.9 4.3

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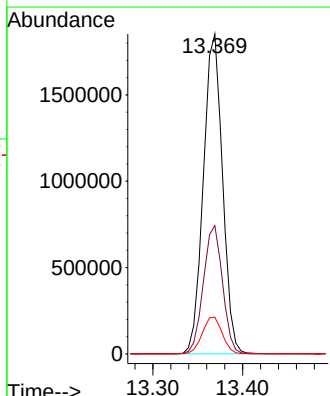
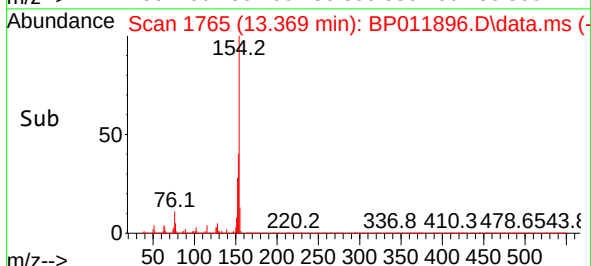
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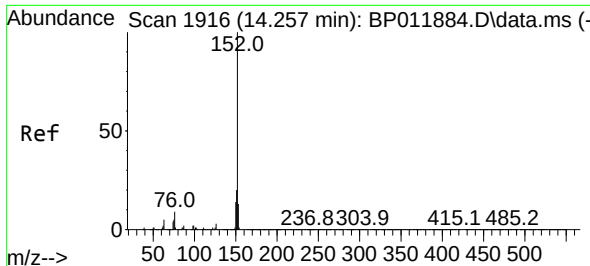


#43
1,1'-Biphenyl
Concen: 55.383 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18



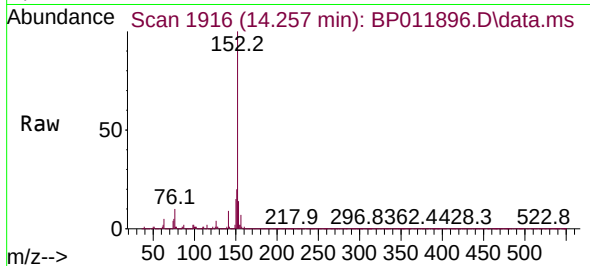
Tgt Ion:154 Resp: 2755855
Ion Ratio Lower Upper
154 100
153 40.1 31.8 47.6
76 11.5 9.5 14.3





#50
Acenaphthylene
Concen: 86.290 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

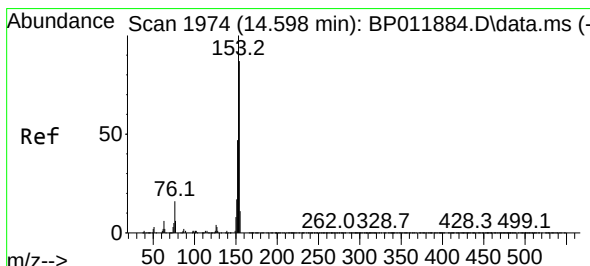
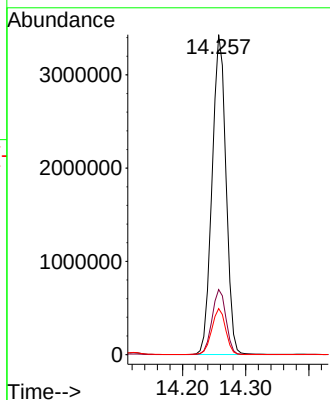
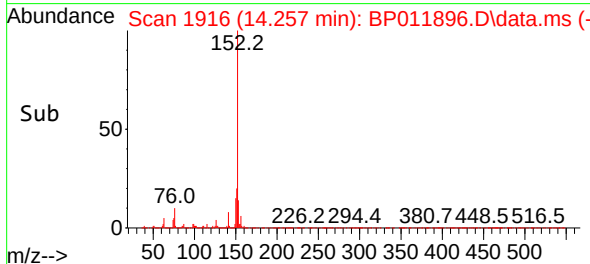
Instrument : BNA_P
ClientSampleId : E10009



Tgt Ion:152 Resp: 5255919
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.4 10.8 16.2

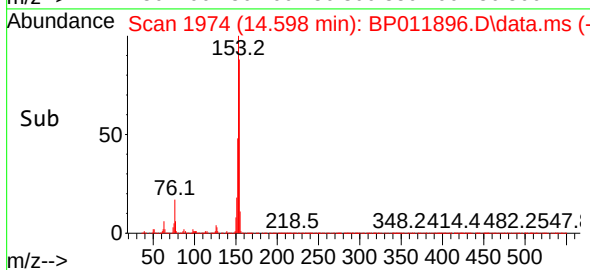
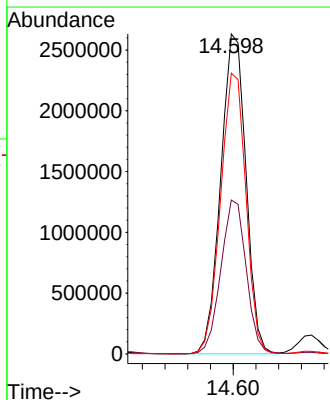
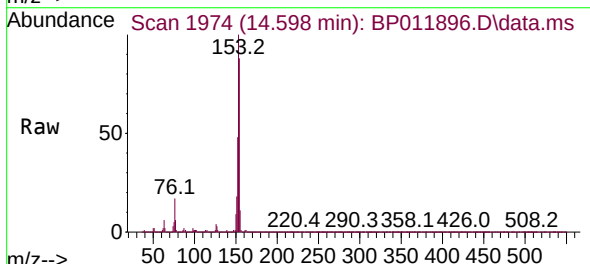
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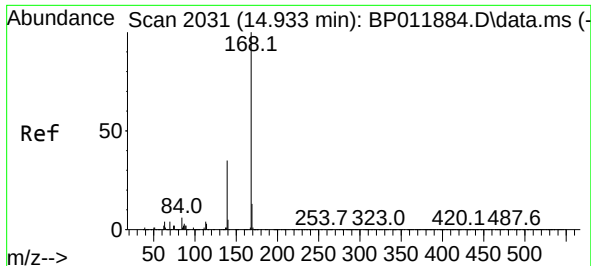
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#52
Acenaphthene
Concen: 94.581 ng/ul
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

Tgt Ion:153 Resp: 4064474
Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 87.7 70.6 105.8





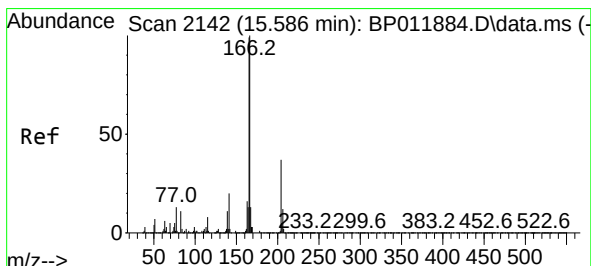
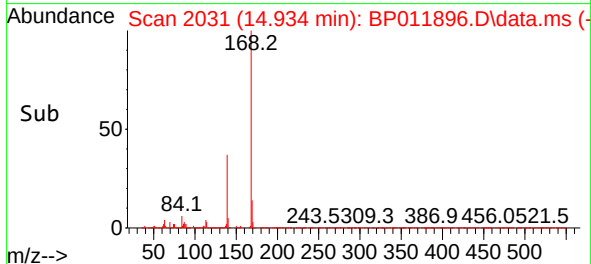
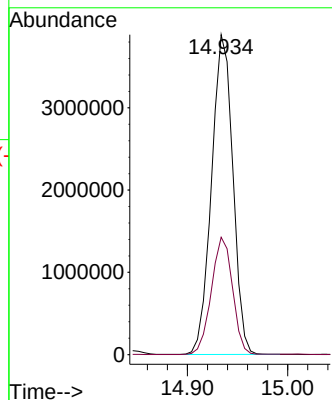
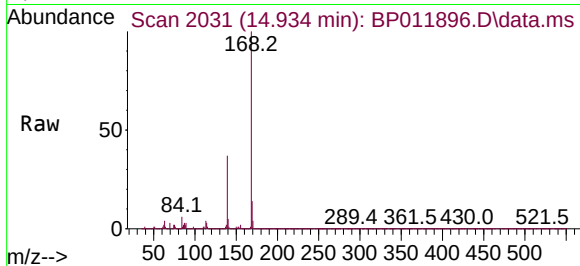
#56
Dibenzenofuran
Concen: 97.496 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

Instrument :
BNA_P
ClientSampleId :
E10009

Tgt Ion:168 Resp: 5738603
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.2

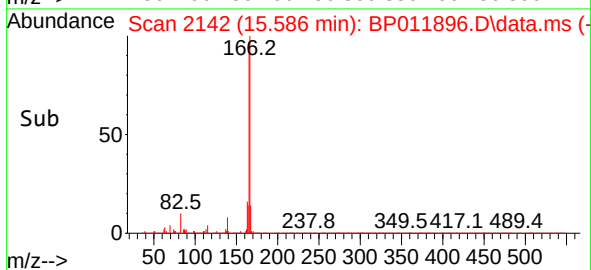
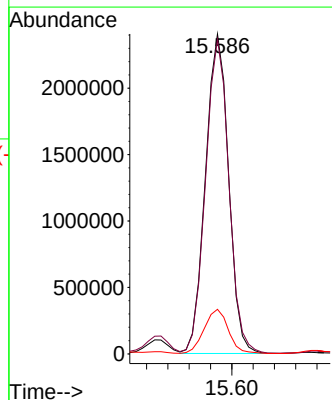
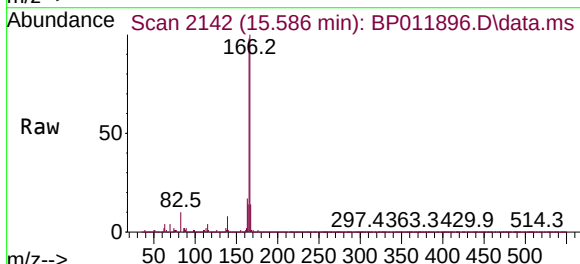
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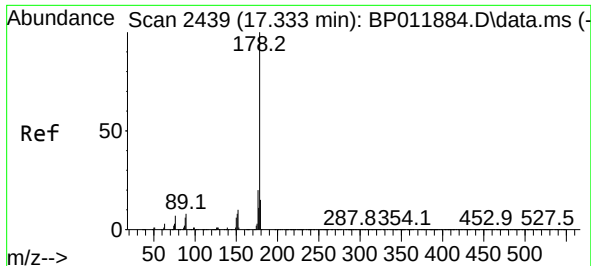
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#61
Fluorene
Concen: 75.215 ng/ul
RT: 15.586 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

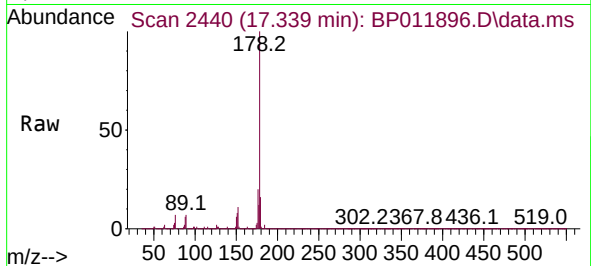
Tgt Ion:166 Resp: 3626013
Ion Ratio Lower Upper
166 100
165 98.4 77.2 115.8
167 14.0 10.7 16.1





#72
Phenanthrene
Concen: 89.766 ng/ul
RT: 17.339 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

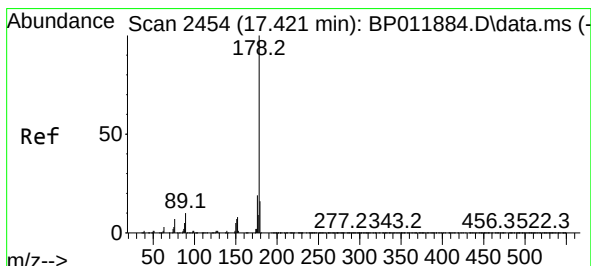
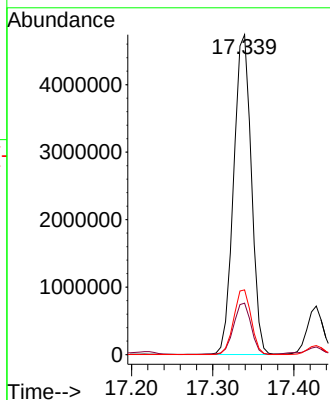
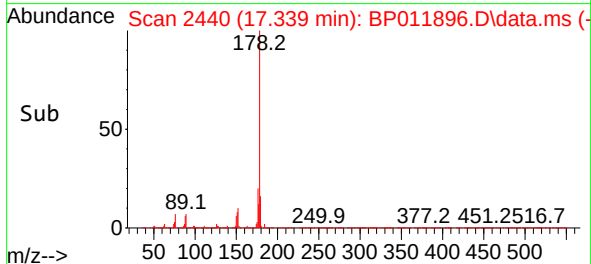
Instrument :
BNA_P
ClientSampleId :
E10009



Tgt Ion:178 Resp: 7165088
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 20.2 15.4 23.2

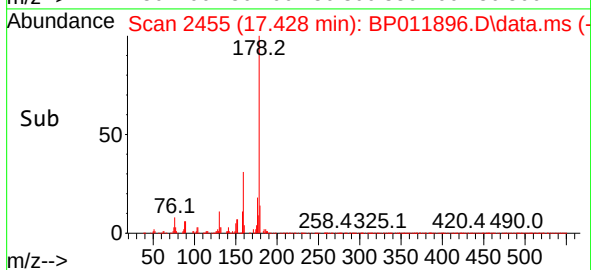
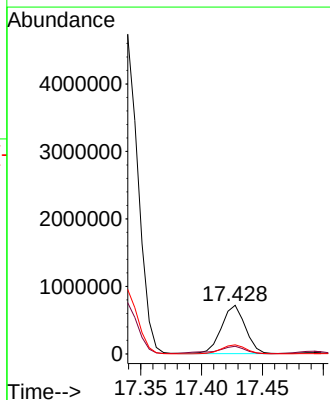
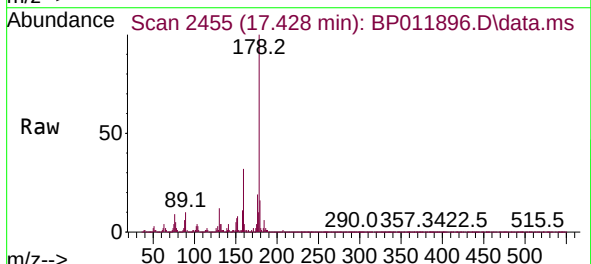
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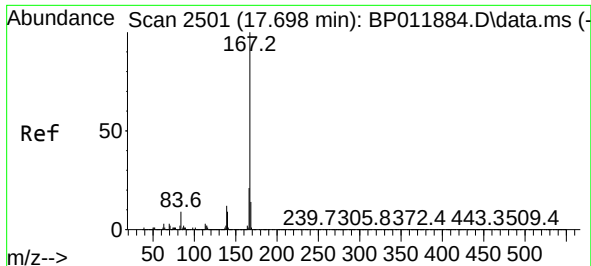
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#74
Anthracene
Concen: 12.237 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

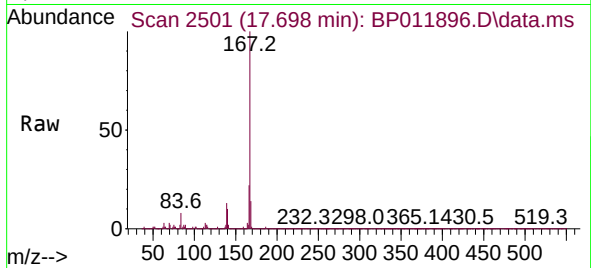
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Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.5 15.4 23.2





#77
 Carbazole
 Concen: 36.568 ng/ul
 RT: 17.698 min Scan# 2501
 Delta R.T. -0.006 min
 Lab File: BP011896.D
 Acq: 04 Oct 2022 05:18

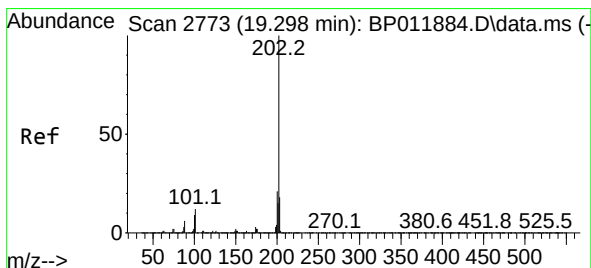
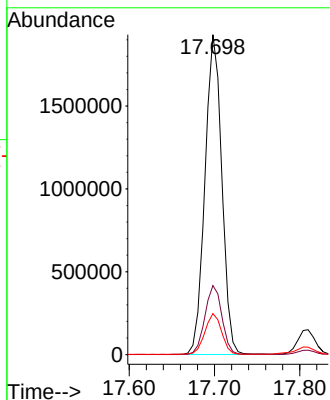
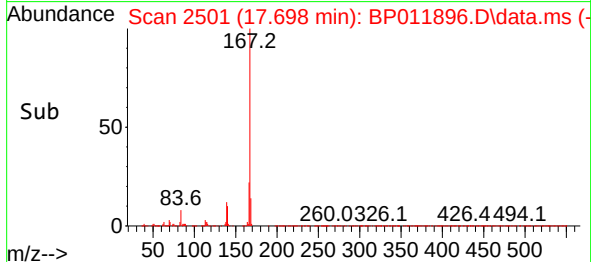
Instrument :
 BNA_P
 ClientSampleId :
 E10009



Tgt Ion:167 Resp: 265344
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.1 15.1

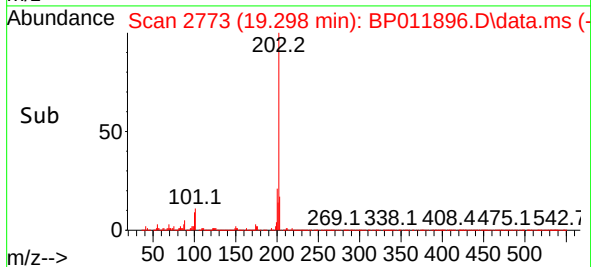
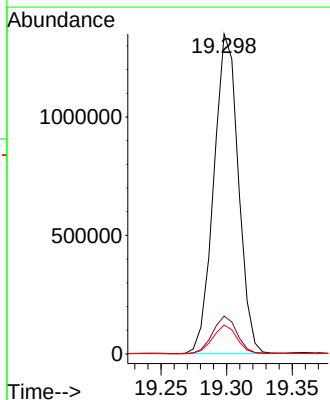
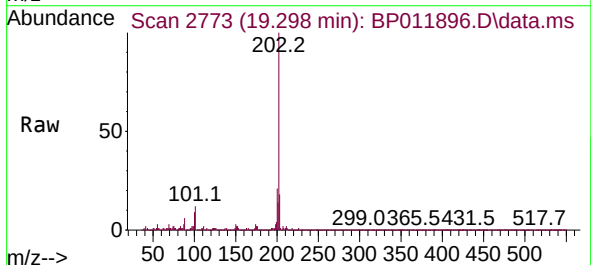
Manual Integrations
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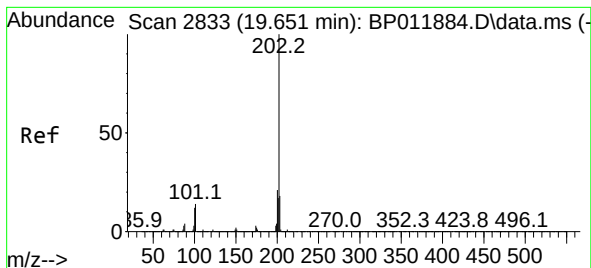
Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022



#80
 Fluoranthene
 Concen: 17.758 ng/ul
 RT: 19.298 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP011896.D
 Acq: 04 Oct 2022 05:18

Tgt Ion:202 Resp: 1764037
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.6
 100 9.0 7.4 11.0





#82

Pyrene

Concen: 11.742 ng/ul

RT: 19.651 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BP011896.D

Acq: 04 Oct 2022 05:18

Instrument :

BNA_P

ClientSampleId :

E10009

Tgt Ion:202 Resp: 1214428

Ion Ratio Lower Upper

202 100

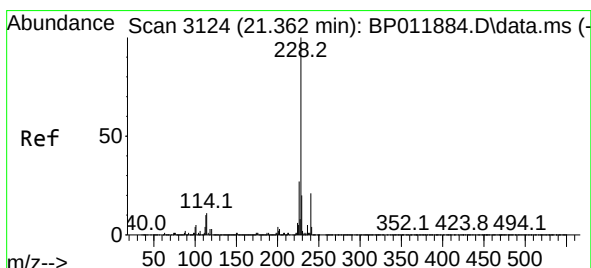
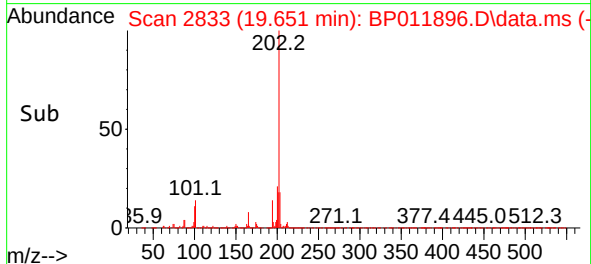
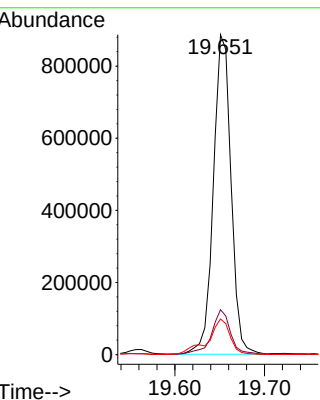
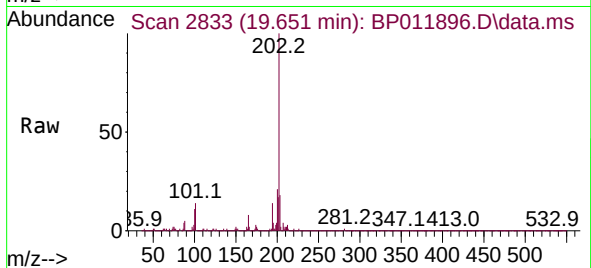
101 14.0 11.6 17.4

100 11.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#85

Benzo(a)anthracene

Concen: 3.233 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP011896.D

Acq: 04 Oct 2022 05:18

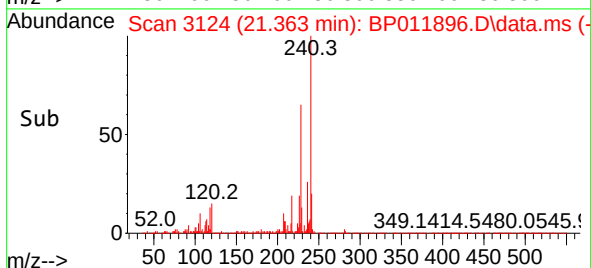
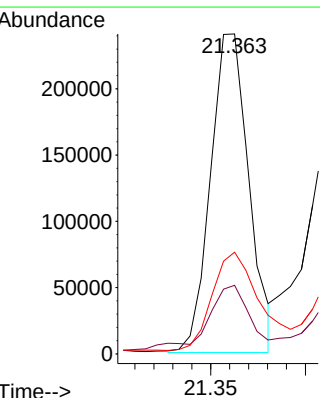
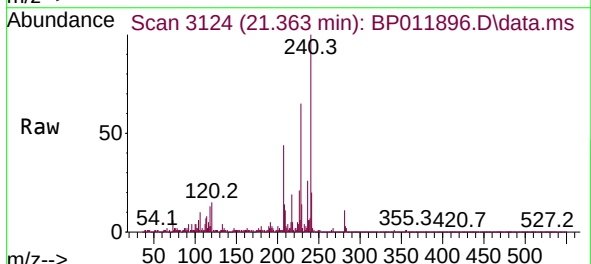
Tgt Ion:228 Resp: 338856

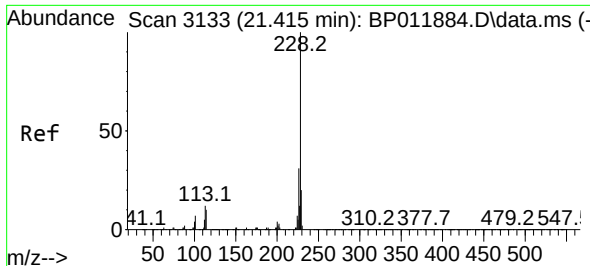
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 31.8 22.0 33.0





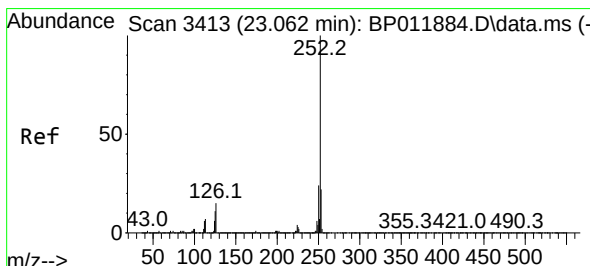
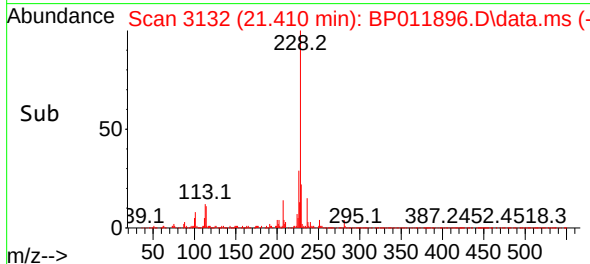
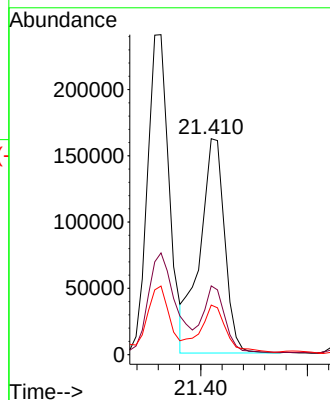
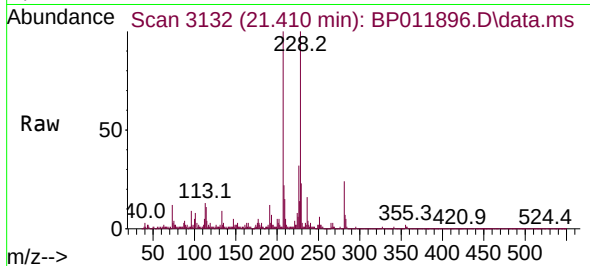
#87
Chrysene
Concen: 2.668 ng/ul
RT: 21.410 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

Instrument : BNA_P
ClientSampleId : E10009

Tgt Ion:228 Resp: 262484
Ion Ratio Lower Upper
228 100
226 31.8 25.3 37.9
229 22.9 16.2 24.2

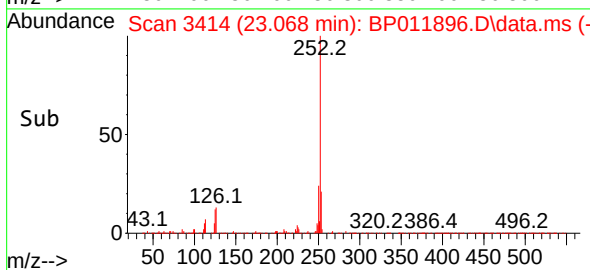
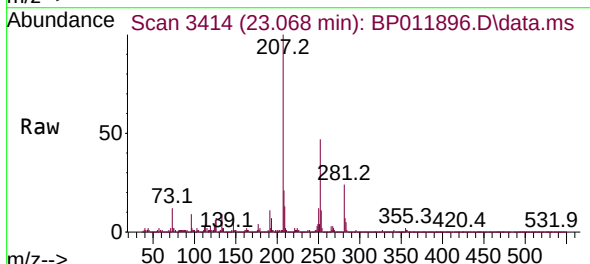
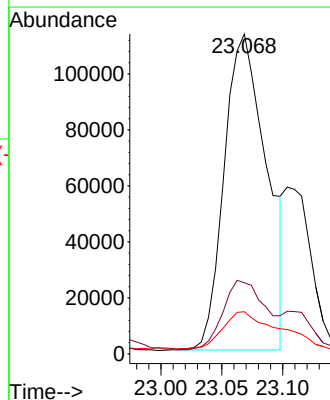
Manual Integrations
APPROVED

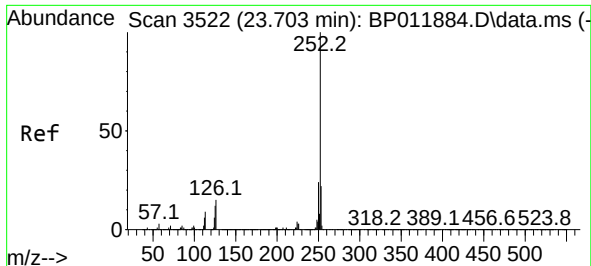
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#90
Benzo(b)fluoranthene
Concen: 2.568 ng/ul
RT: 23.068 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

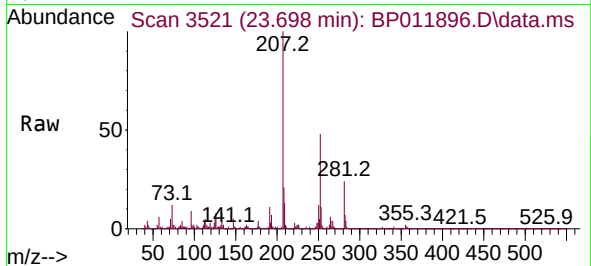
Tgt Ion:252 Resp: 272570
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 13.2 9.2 13.8





#93
Benzo(a)pyrene
Concen: 2.522 ng/ul
RT: 23.698 min Scan# 3522
Delta R.T. -0.018 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18

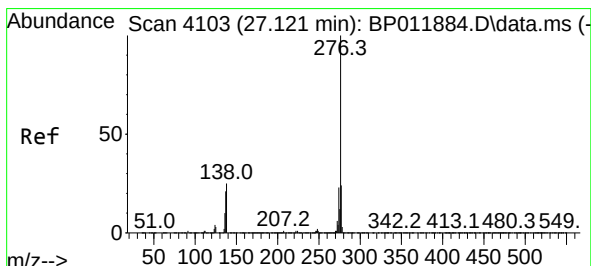
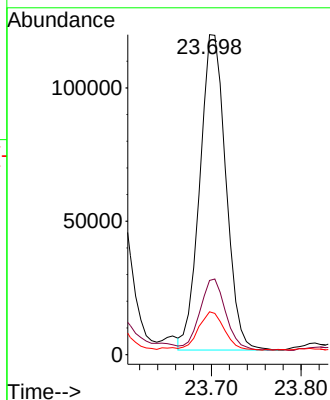
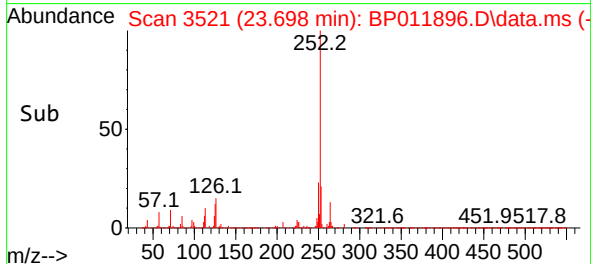
Instrument :
BNA_P
ClientSampleId :
E10009



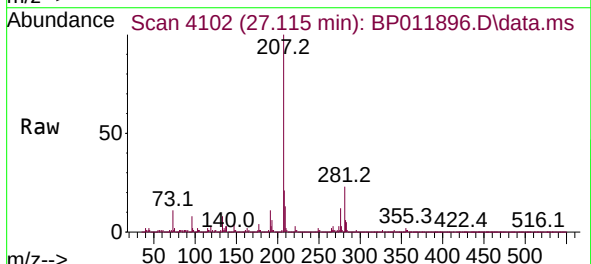
Tgt Ion:252 Resp: 238916
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 13.4 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#96
Benzo(g,h,i)perylene
Concen: 1.018 ng/ul
RT: 27.115 min Scan# 4102
Delta R.T. -0.029 min
Lab File: BP011896.D
Acq: 04 Oct 2022 05:18



Tgt Ion:276 Resp: 108796
Ion Ratio Lower Upper
276 100
138 21.7 19.8 29.6
277 26.0 18.6 27.8

