

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010460.D
 Acq On : 21 May 2022 05:52
 Operator : CG/JU
 Sample : N2843-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 21 06:28:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	176223	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	754827	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.522	164	497270	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.275	188	1066003	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	947225	20.000	ng/u1	# 0.00
88) Perylene-d12	23.780	264	761023	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8792m	2.127	ng/uL	0.00
4) Pyridine-d5	3.769	84	48079	4.096	ng/u1	0.00
7) Phenol-d5	7.057	99	260668	17.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	159480	16.048	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.422	132	203059	17.942	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	199749	15.891	ng/u1	-0.01
21) Nitrobenzene-d5	9.052	128	103675	17.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	111222	17.965	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	220563	18.841	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	180912	10.394	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	725538	19.803	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	844780	19.990	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.722	143	82006	12.575	ng/u1	0.00
60) Fluorene-d10	15.516	176	646588	20.286	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	67391	10.810	ng/u1	0.00
73) Anthracene-d10	17.375	188	1014796	21.023	ng/u1	0.00
81) Pyrene-d10	19.604	212	1222458	24.301	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.621	264	832491	21.785	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.316	178	283311	4.980	ng/u1	100
80) Fluoranthene	19.280	202	775841	13.272	ng/u1	96
82) Pyrene	19.633	202	685308	11.234	ng/u1#	94
85) Benzo(a)anthracene	21.339	228	335565	5.665	ng/u1	97
87) Chrysene	21.392	228	318788	5.471	ng/u1	96
90) Benzo(b)fluoranthene	23.045	252	433153	8.539	ng/u1#	95
91) Benzo(k)fluoranthene	23.086	252	144179m	2.991	ng/u1	
93) Benzo(a)pyrene	23.674	252	296680	6.295	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.298	276	212409	4.791	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.304	278	44382	1.154	ng/u1#	74
96) Benzo(g,h,i)perylene	27.080	276	167855	4.534	ng/u1#	86

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

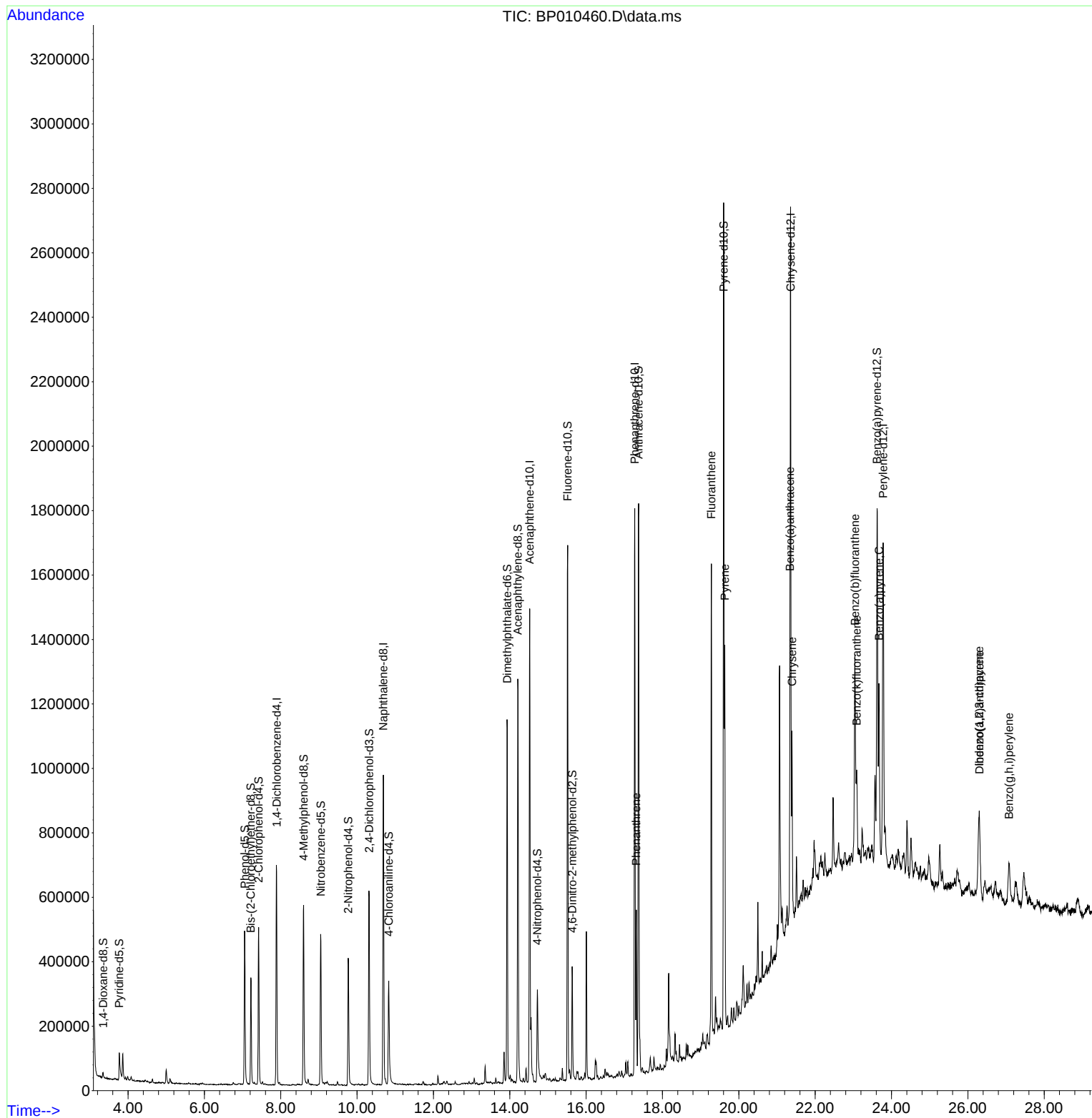
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010460.D
 Acq On : 21 May 2022 05:52
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 ALS Vial : 35 Sample Multiplier: 1

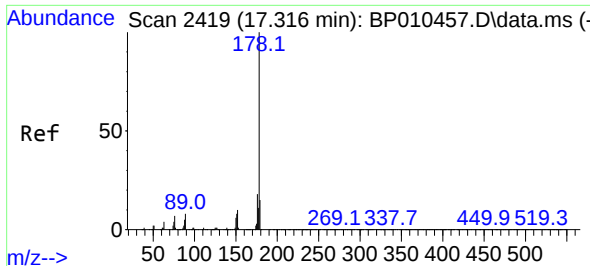
Instrument :
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 ClientSampleId :
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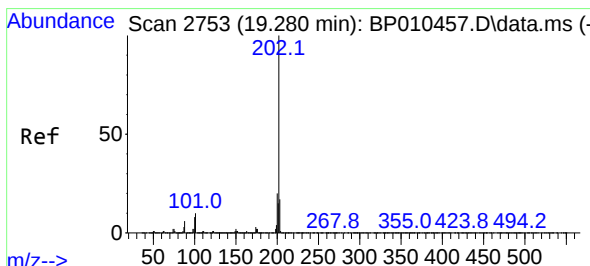
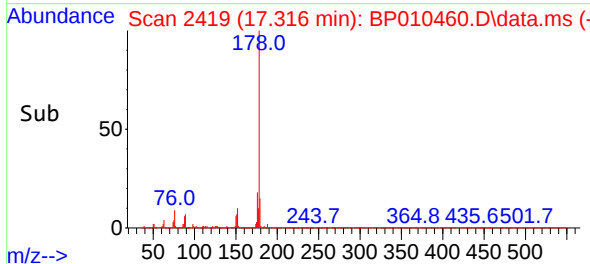
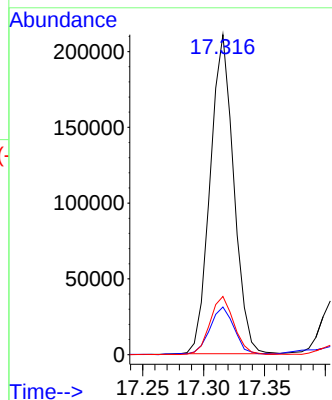
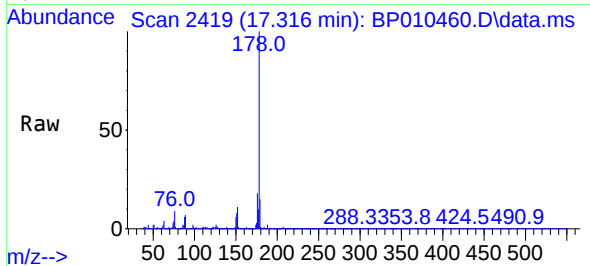
#72
Phenanthrene
Concen: 4.980 ng/u1
RT: 17.316 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

Instrument :
BNA_P
ClientSampleId :
EW4H4

Tgt Ion:178 Resp: 28331
Ion Ratio Lower Upper
178 100
179 14.9 11.7 17.5
176 18.2 14.5 21.7

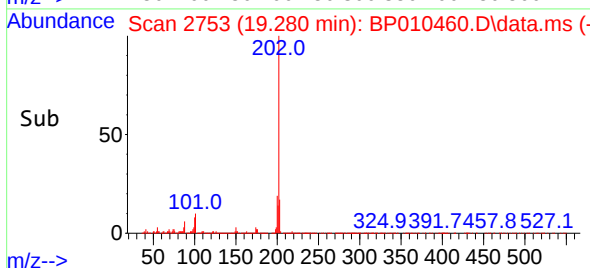
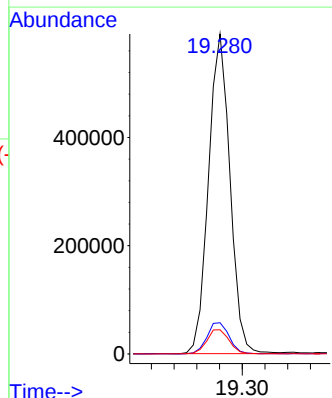
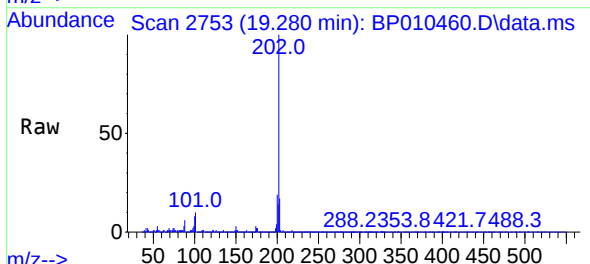
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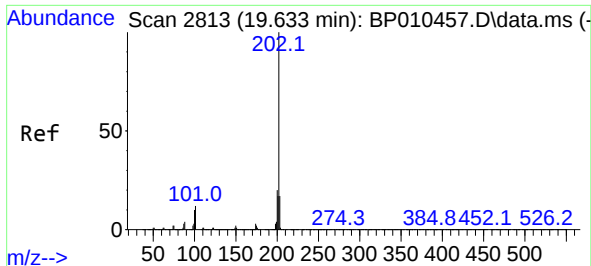
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#80
Fluoranthene
Concen: 13.272 ng/u1
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

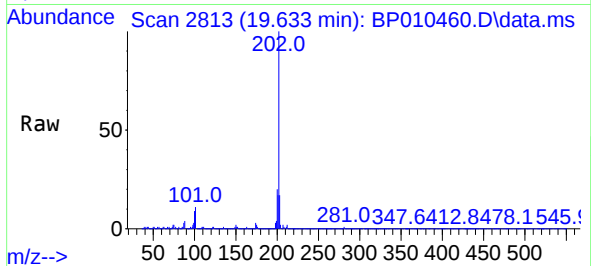
Tgt Ion:202 Resp: 775841
Ion Ratio Lower Upper
202 100
101 9.8 9.6 14.4
100 7.6 6.3 9.5





#82
Pyrene
Concen: 11.234 ng/ul
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

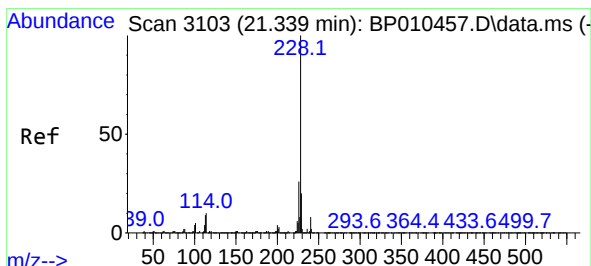
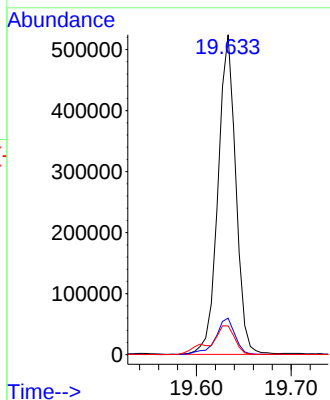
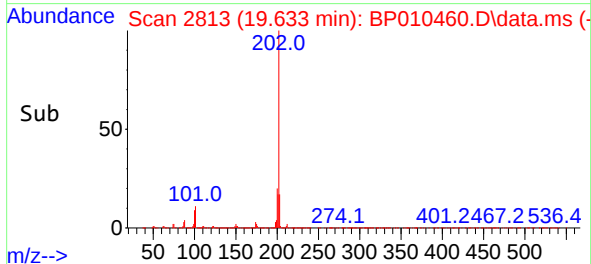
Instrument :
BNA_P
ClientSampleId :
EW4H4



Tgt Ion:202 Resp: 685308
Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 9.0 9.8 14.6

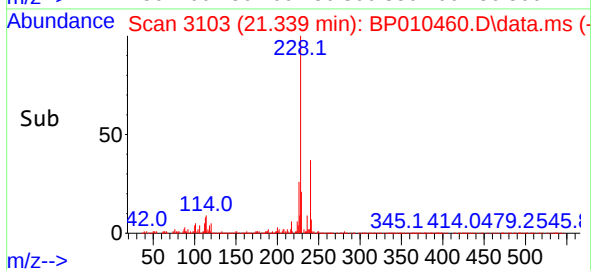
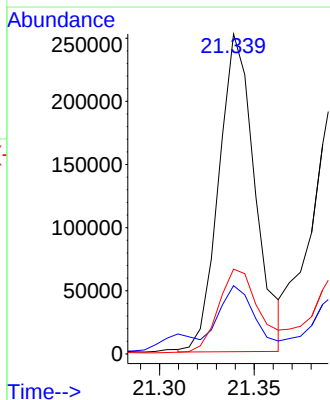
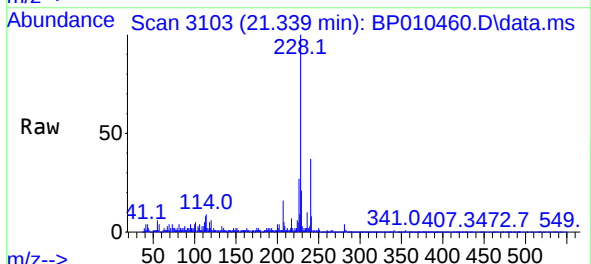
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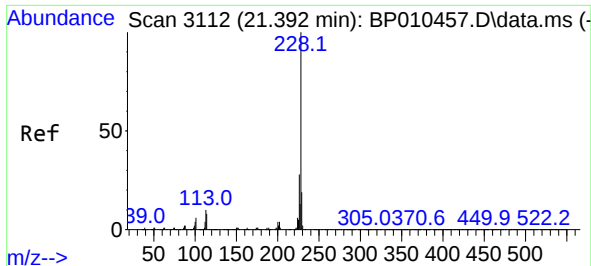
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#85
Benzo(a)anthracene
Concen: 5.665 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

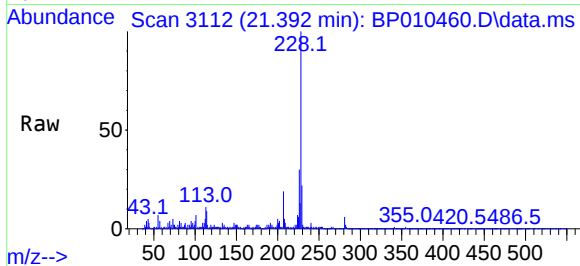
Tgt Ion:228 Resp: 335565
Ion Ratio Lower Upper
228 100
229 21.3 18.2 27.2
226 26.5 22.8 34.2





#87
Chrysene
Concen: 5.471 ng/u1
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

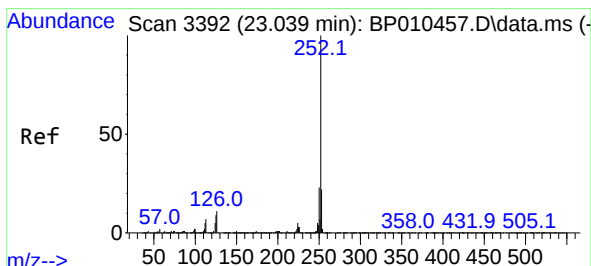
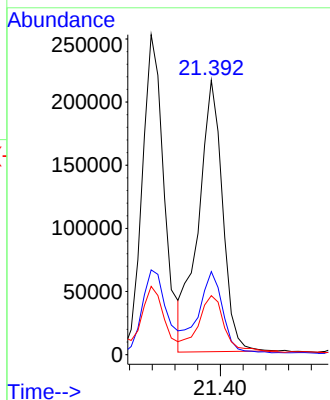
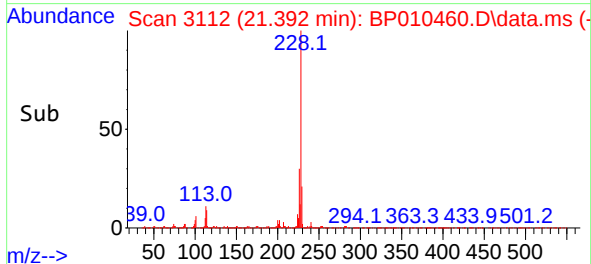
Instrument :
BNA_P
ClientSampleId :
EW4H4



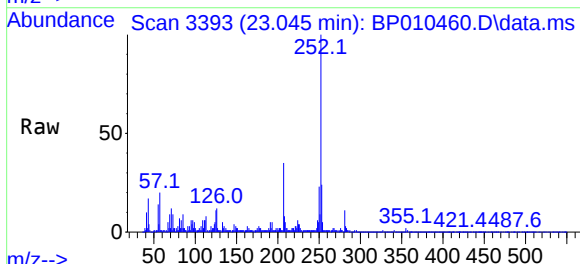
Tgt Ion:228 Resp: 318788
Ion Ratio Lower Upper
228 100
226 30.2 22.7 34.1
229 21.5 15.2 22.8

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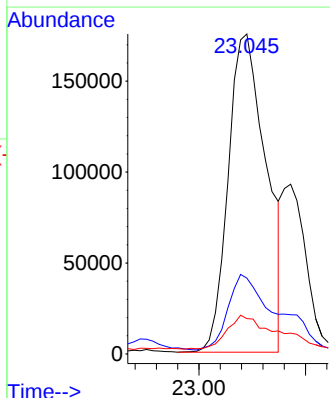
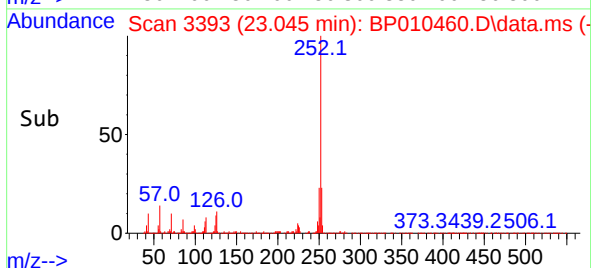
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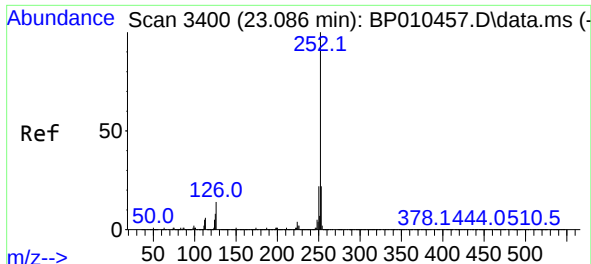


#90
Benzo(b)fluoranthene
Concen: 8.539 ng/u1
RT: 23.045 min Scan# 3393
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52



Tgt Ion:252 Resp: 433153
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.0 7.3 10.9#





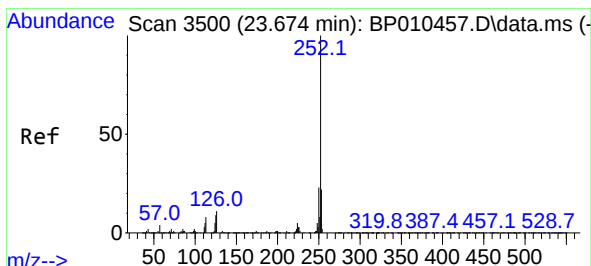
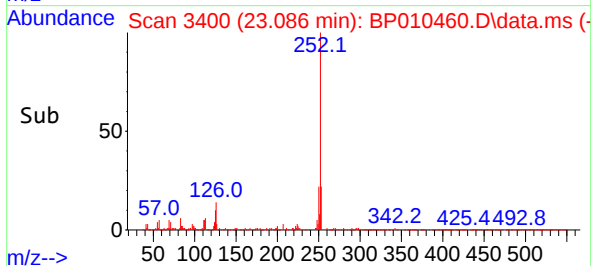
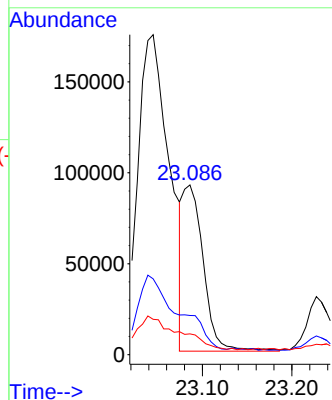
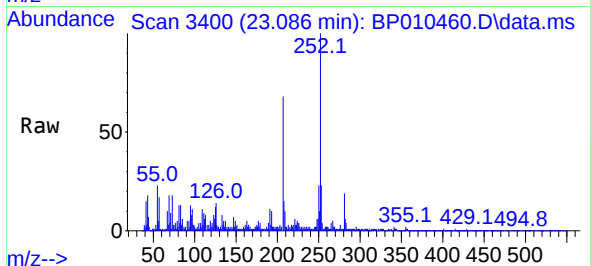
#91
Benzo(k)fluoranthene
Concen: 2.991 ng/ul m
RT: 23.086 min Scan# 3400
Delta R.T. -0.012 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

Instrument :
BNA_P
ClientSampleId :
EW4H4

Tgt Ion:252 Resp: 144179
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 12.3 5.1 7.7

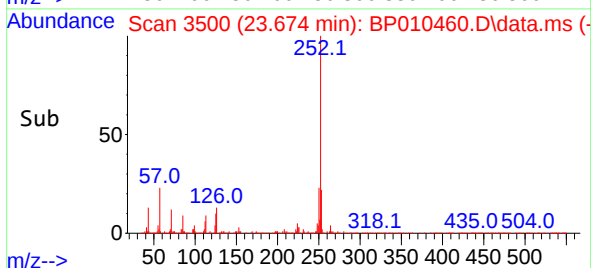
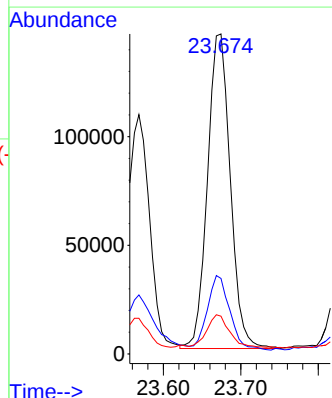
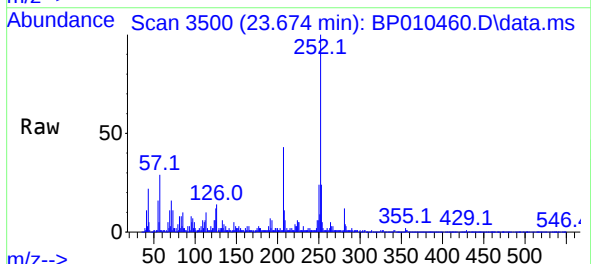
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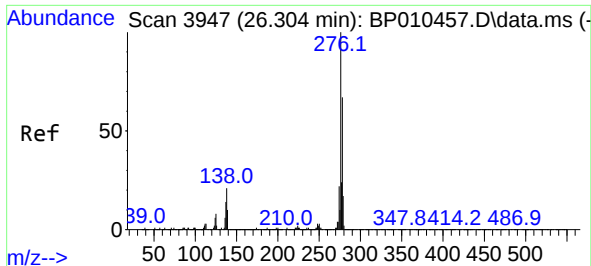
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#93
Benzo(a)pyrene
Concen: 6.295 ng/ul
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

Tgt Ion:252 Resp: 296680
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.8 6.4 9.6





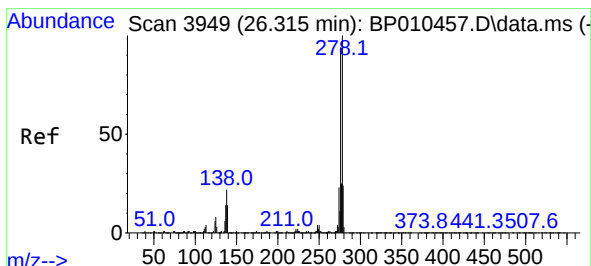
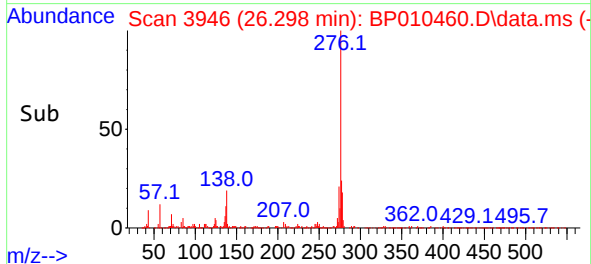
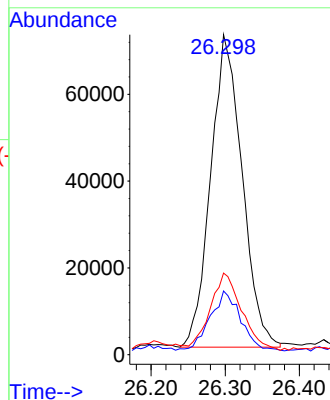
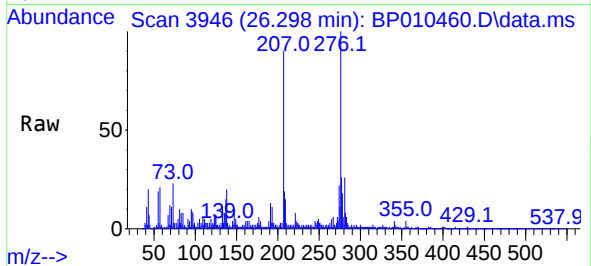
#94
Indeno(1,2,3-cd)pyrene
Concen: 4.791 ng/ul
RT: 26.298 min Scan# 3946
Delta R.T. -0.023 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

Instrument :
BNA_P
ClientSampleId :
EW4H4

Tgt Ion:276 Resp: 212409
Ion Ratio Lower Upper
276 100
138 19.9 12.3 18.5
277 25.5 19.3 28.9

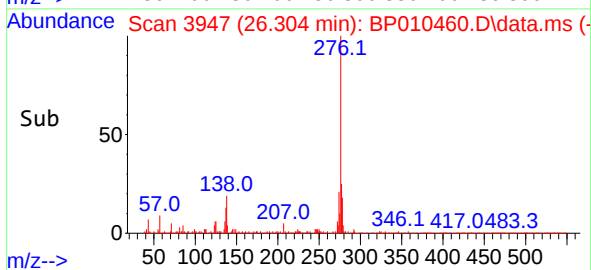
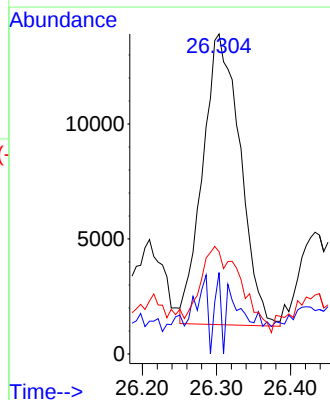
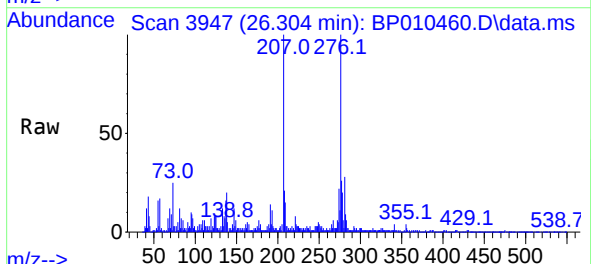
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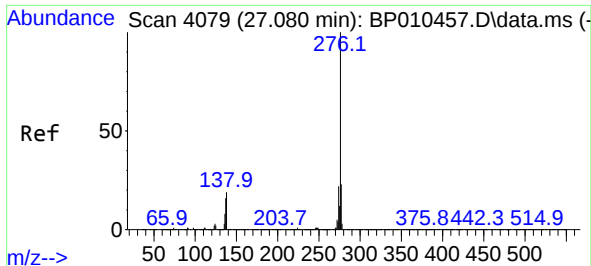
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#95
Dibenzo(a,h)anthracene
Concen: 1.154 ng/ul
RT: 26.304 min Scan# 3947
Delta R.T. -0.029 min
Lab File: BP010460.D
Acq: 21 May 2022 05:52

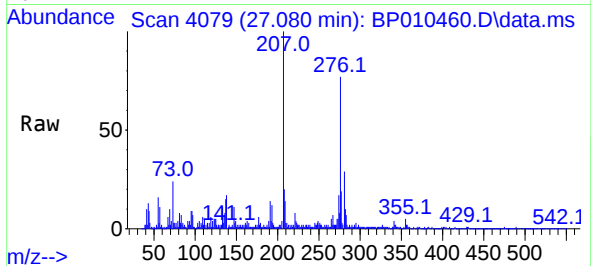
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Ion Ratio Lower Upper
278 100
139 25.4 6.6 10.0#
279 32.0 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 4.534 ng/ul
 RT: 27.080 min Scan# 4079
 Delta R.T. -0.012 min
 Lab File: BP010460.D
 Acq: 21 May 2022 05:52

Instrument :
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Tgt Ion:276 Resp: 16785
 Ion Ratio Lower Upper
 276 100
 138 22.1 11.6 17.4
 277 25.0 15.9 23.9

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