

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010463.D
 Acq On : 21 May 2022 07:34
 Operator : CG/JU
 Sample : N2843-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H3

Manual Integrations
 APPROVED

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

Quant Time: May 23 00:43:25 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	208285	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.693	136	896427	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.528	164	570444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1173361	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	904798	20.000	ng/ul	# 0.00
88) Perylene-d12	23.792	264	772809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	10394m	2.127	ng/uL	0.00
4) Pyridine-d5	3.775	84	33338m	2.403	ng/ul	0.01
7) Phenol-d5	7.057	99	248119	14.193	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	160826	13.693	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	203594	15.220	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	194108	13.065	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	104037m	14.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	106958	14.547	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	202737	14.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	182044	8.807	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	649826	15.462	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	768837	15.859	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	40840m	5.459	ng/ul	0.00
60) Fluorene-d10	15.516	176	588981	16.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	3396m	0.495	ng/ul	0.00
73) Anthracene-d10	17.375	188	906190	17.056	ng/ul	0.00
81) Pyrene-d10	19.610	212	1013893	21.100	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	663890	17.108	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	34244m	1.467	ng/ul	
72) Phenanthrene	17.316	178	111220	1.776	ng/ul	96
80) Fluoranthene	19.286	202	265189	4.749	ng/ul	97
82) Pyrene	19.639	202	245250	4.209	ng/ul	95
85) Benzo(a)anthracene	21.345	228	131019	2.316	ng/ul	97
87) Chrysene	21.398	228	152119	2.733	ng/ul#	90
90) Benzo(b)fluoranthene	23.045	252	188663	3.663	ng/ul#	78
91) Benzo(k)fluoranthene	23.092	252	64420m	1.316	ng/ul	
93) Benzo(a)pyrene	23.680	252	133007	2.779	ng/ul#	74
94) Indeno(1,2,3-cd)pyrene	26.315	276	99509	2.210	ng/ul#	86
96) Benzo(g,h,i)perylene	27.098	276	93386	2.484	ng/ul#	82

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

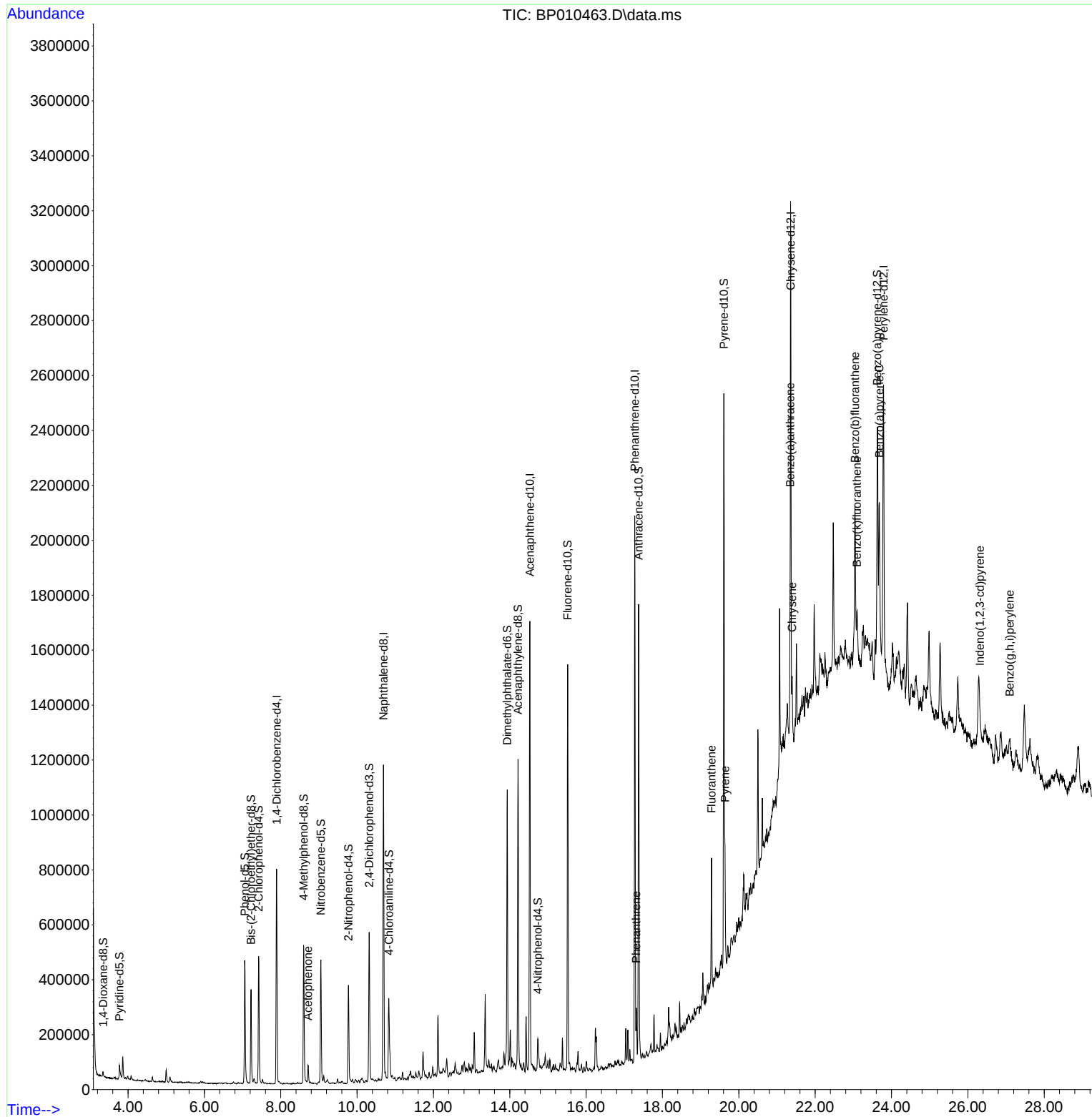
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010463.D
 Acq On : 21 May 2022 07:34
 Operator : CG/JU
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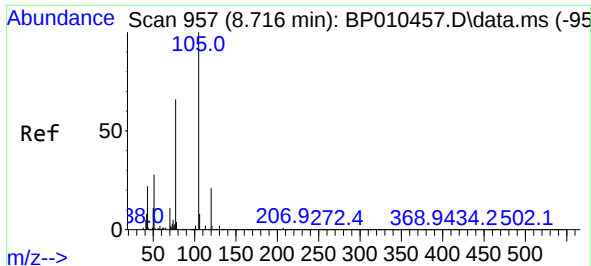
Instrument :
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 ClientSampleId :
 EW4H3

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 Supervised By :mohammad ahmed 05/25/2022

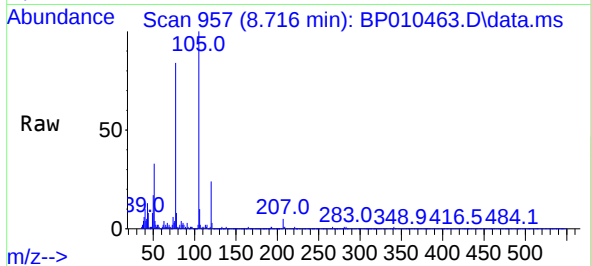
Quant Time: May 23 00:43:25 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
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#16
Acetophenone
Concen: 1.467 ng/ul m
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

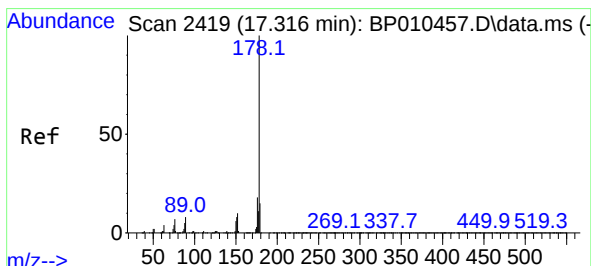
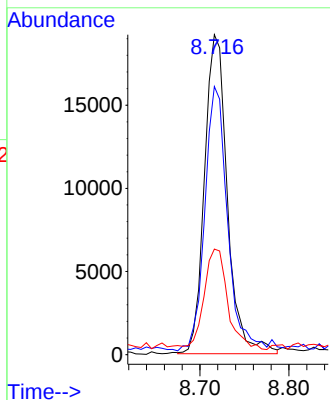
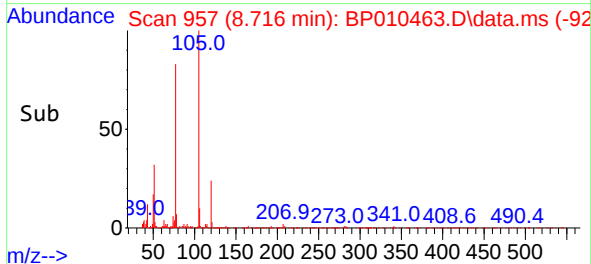
Instrument :
BNA_P
ClientSampleId :
EW4H3



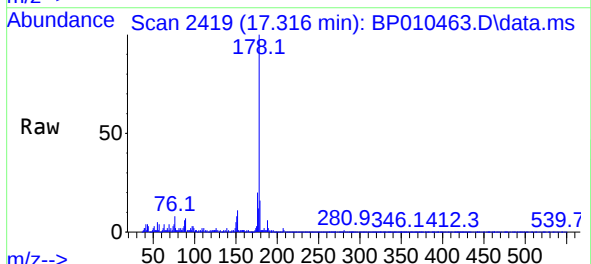
Tgt Ion:105 Resp: 34244
Ion Ratio Lower Upper
105 100
77 83.8 53.4 80.2
51 33.0 13.8 20.8

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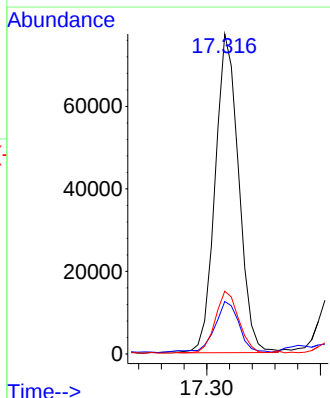
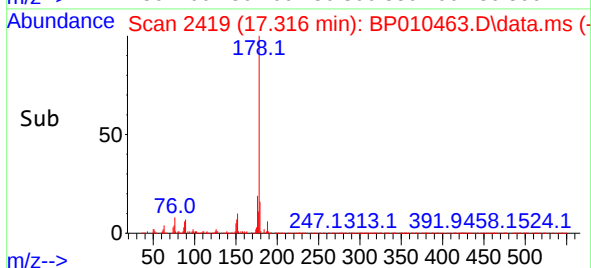
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022

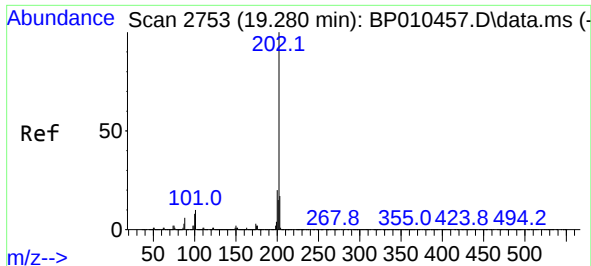


#72
Phenanthrene
Concen: 1.776 ng/ul
RT: 17.316 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34



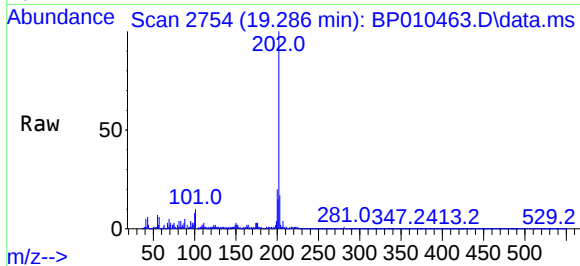
Tgt Ion:178 Resp: 111220
Ion Ratio Lower Upper
178 100
179 16.4 11.7 17.5
176 19.6 14.5 21.7





#80
Fluoranthene
Concen: 4.749 ng/u1
RT: 19.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

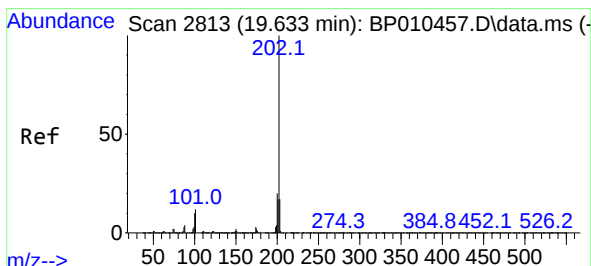
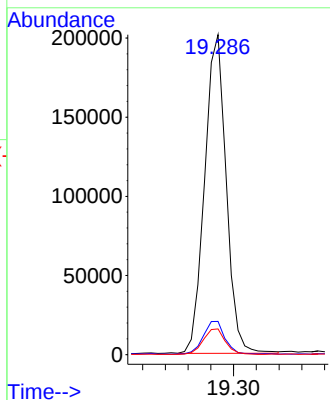
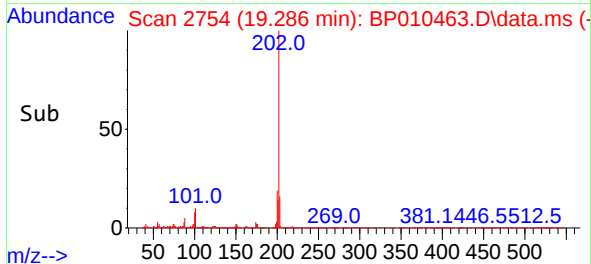
Instrument :
BNA_P
ClientSampleId :
EW4H3



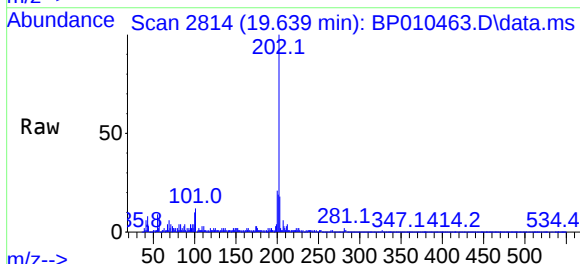
Tgt Ion:202 Resp: 265189
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 6.3 9.5

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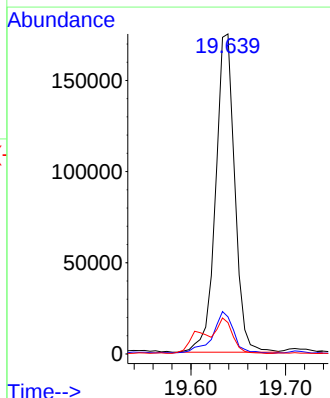
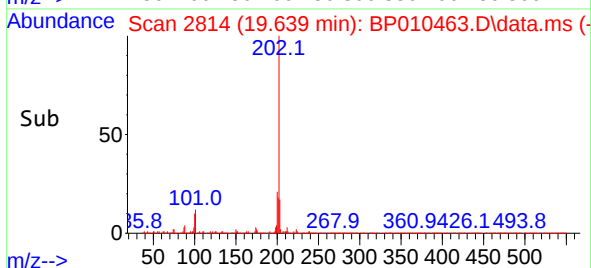
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022

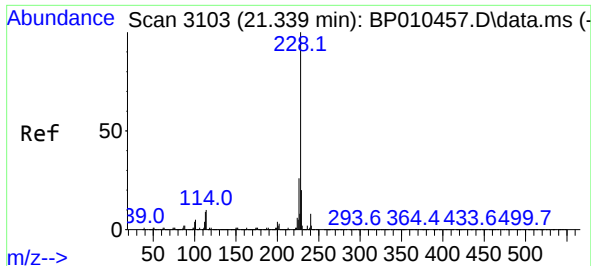


#82
Pyrene
Concen: 4.209 ng/u1
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34



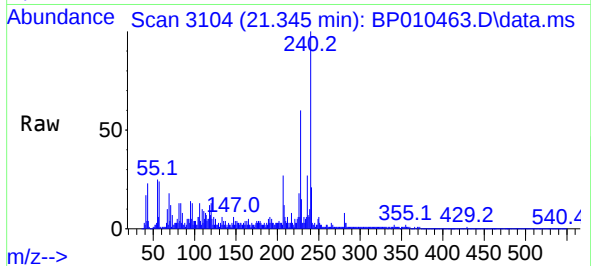
Tgt Ion:202 Resp: 245250
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 9.8 9.8 14.6





#85
Benzo(a)anthracene
Concen: 2.316 ng/u1
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

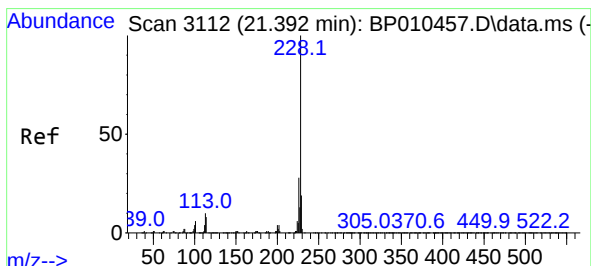
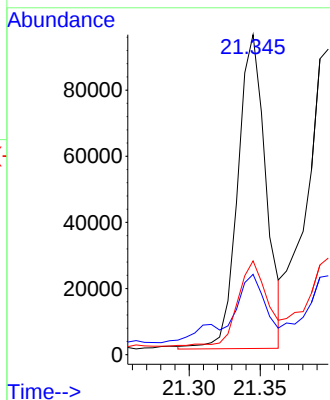
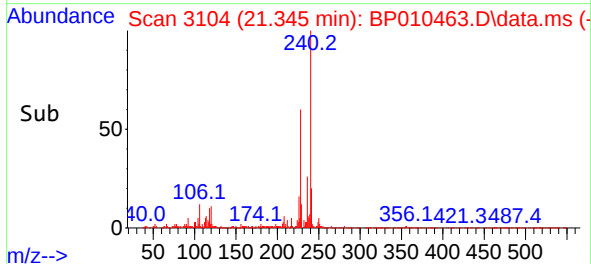
Instrument :
BNA_P
ClientSampleId :
EW4H3



Tgt Ion:228 Resp: 131019
Ion Ratio Lower Upper
228 100
229 25.1 18.2 27.2
226 29.3 22.8 34.2

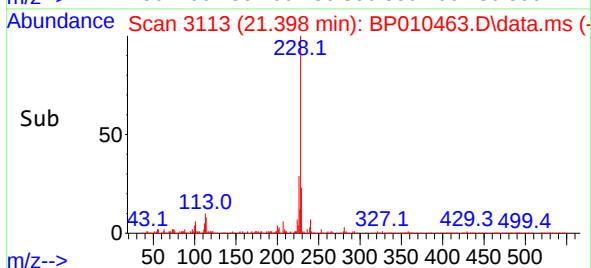
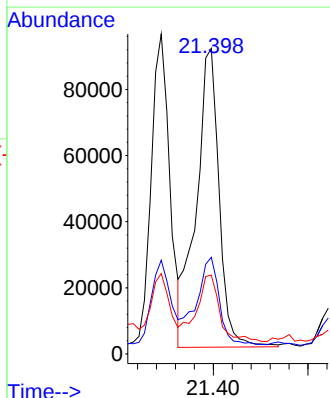
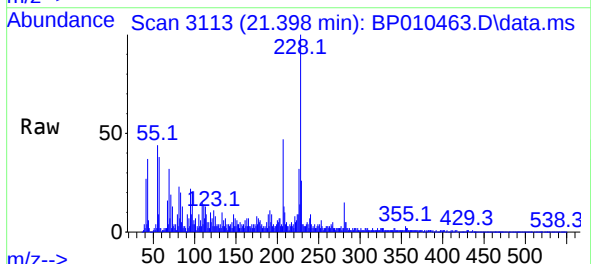
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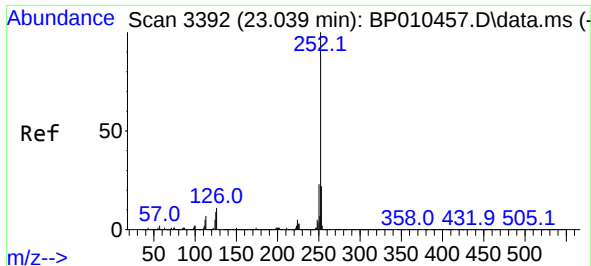
Reviewed By :Jagrut Upadhyay 05/23/2022
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#87
Chrysene
Concen: 2.733 ng/u1
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

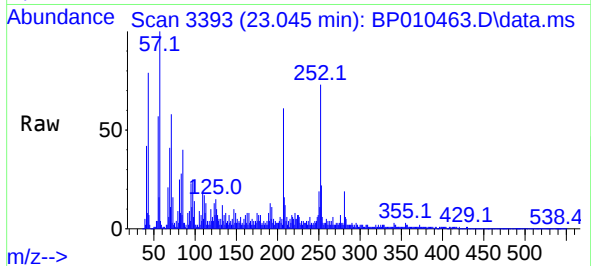
Tgt Ion:228 Resp: 152119
Ion Ratio Lower Upper
228 100
226 31.6 22.7 34.1
229 25.8 15.2 22.8#





#90
Benzo(b)fluoranthene
Concen: 3.663 ng/ul
RT: 23.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

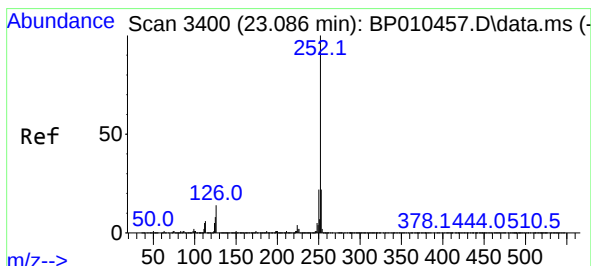
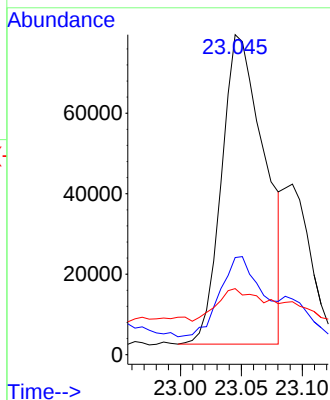
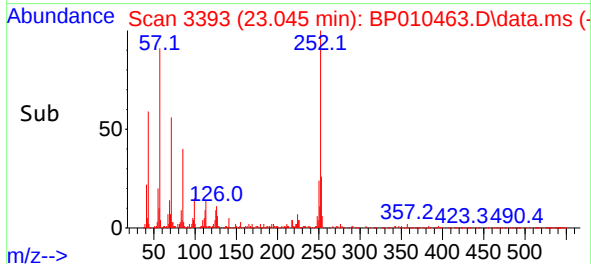
Instrument :
BNA_P
ClientSampleId :
EW4H3



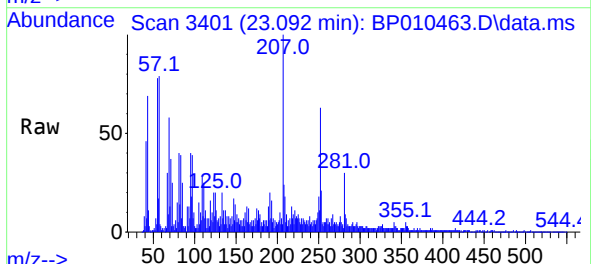
Tgt Ion:252 Resp: 18866
Ion Ratio Lower Upper
252 100
253 30.4 17.4 26.0#
125 20.6 7.3 10.9#

Manual Integrations
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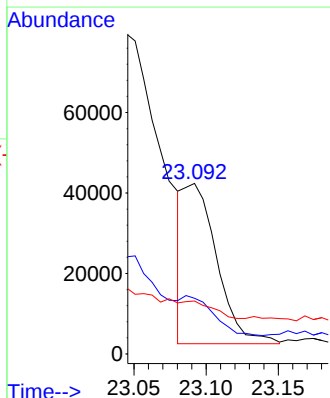
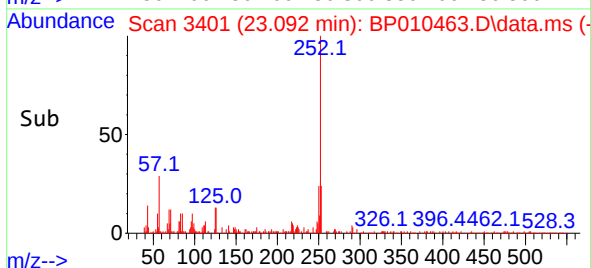
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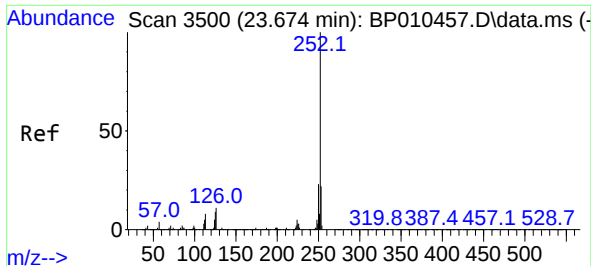


#91
Benzo(k)fluoranthene
Concen: 1.316 ng/ul m
RT: 23.092 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34



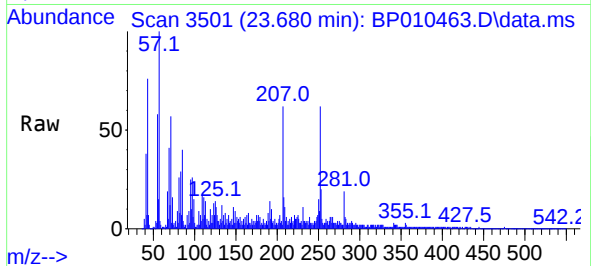
Tgt Ion:252 Resp: 64420
Ion Ratio Lower Upper
252 100
253 32.6 17.9 26.9#
125 31.1 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 2.779 ng/ul
RT: 23.680 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

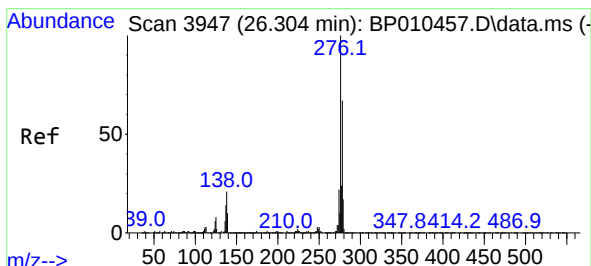
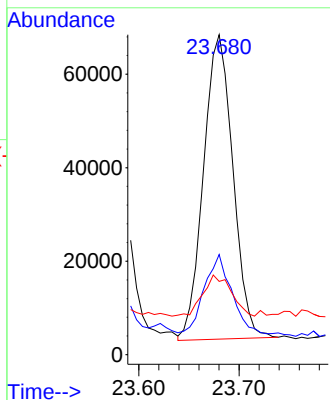
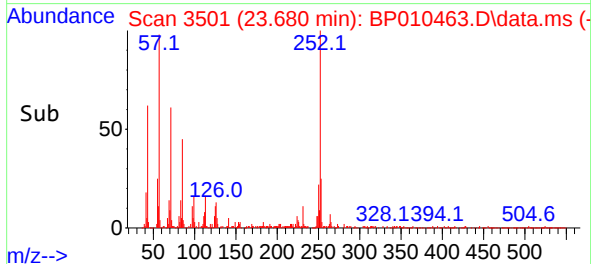
Instrument :
BNA_P
ClientSampleId :
EW4H3



Tgt Ion:252 Resp: 13300
Ion Ratio Lower Upper
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253 31.3 17.5 26.3
125 22.9 6.4 9.6

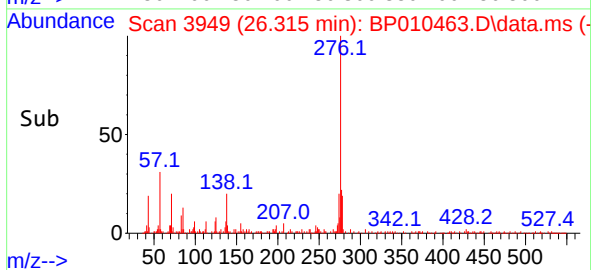
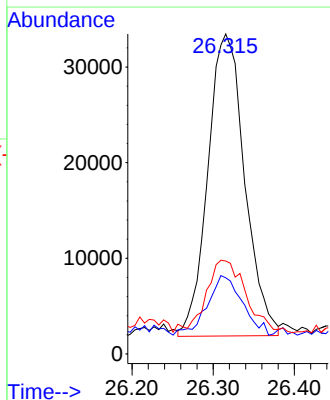
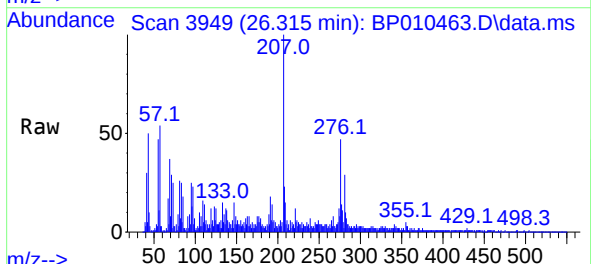
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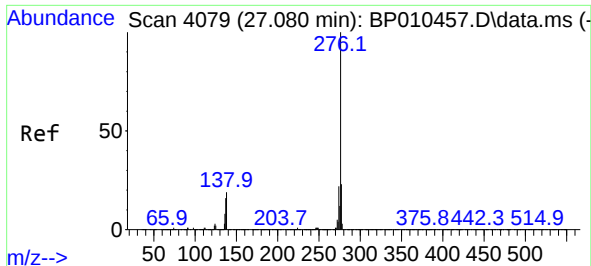
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.210 ng/ul
RT: 26.315 min Scan# 3949
Delta R.T. -0.006 min
Lab File: BP010463.D
Acq: 21 May 2022 07:34

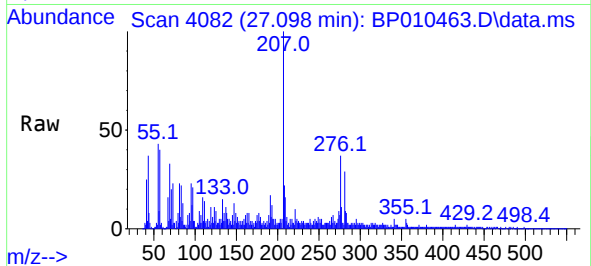
Tgt Ion:276 Resp: 99509
Ion Ratio Lower Upper
276 100
138 23.8 12.3 18.5#
277 29.1 19.3 28.9#





#96
 Benzo(g,h,i)perylene
 Concen: 2.484 ng/ul
 RT: 27.098 min Scan# 4082
 Delta R.T. 0.006 min
 Lab File: BP010463.D
 Acq: 21 May 2022 07:34

Instrument :
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Tgt Ion: 276 Resp: 93380

Ion	Ratio	Lower	Upper
276	100		
138	20.7	11.6	17.4
277	29.5	15.9	23.9

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