

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050522\
 Data File : BP010248.D
 Acq On : 05 May 2022 15:44
 Operator : CG/JU
 Sample : N2697-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGBP8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

Quant Time: May 06 01:43:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 01:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	170253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	745406	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	496200	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1003166	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.380	240	724856	20.000	ng/u1	# 0.00
88) Perylene-d12	23.821	264	674864	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	14444	3.700	ng/uL	0.00
4) Pyridine-d5	3.781	84	95646	8.708	ng/u1	0.01
7) Phenol-d5	7.081	99	280204	18.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	205120	22.074	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	237667	20.723	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	235477	18.353	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	124267	20.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	129116	19.941	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	230793	18.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	282924	15.654	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	793682	20.562	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	913046	19.545	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	80189m	11.285	ng/u1	0.00
60) Fluorene-d10	15.539	176	703608	21.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	83680	13.192	ng/u1	0.00
73) Anthracene-d10	17.398	188	1026071	21.142	ng/u1	0.00
81) Pyrene-d10	19.627	212	1145388	27.785	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	811869	22.947	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.339	178	113166	2.075	ng/u1	97
80) Fluoranthene	19.304	202	305706	6.575	ng/u1	96
82) Pyrene	19.657	202	259679	5.421	ng/u1	95
85) Benzo(a)anthracene	21.369	228	117879	2.563	ng/u1	98
87) Chrysene	21.421	228	135893	3.000	ng/u1	99
90) Benzo(b)fluoranthene	23.080	252	176613	3.893	ng/u1	95
91) Benzo(k)fluoranthene	23.121	252	67608m	1.573	ng/u1	
93) Benzo(a)pyrene	23.715	252	109547	2.611	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.362	276	81924	1.963	ng/u1#	96
96) Benzo(g,h,i)perylene	27.151	276	71395	2.027	ng/u1#	89

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

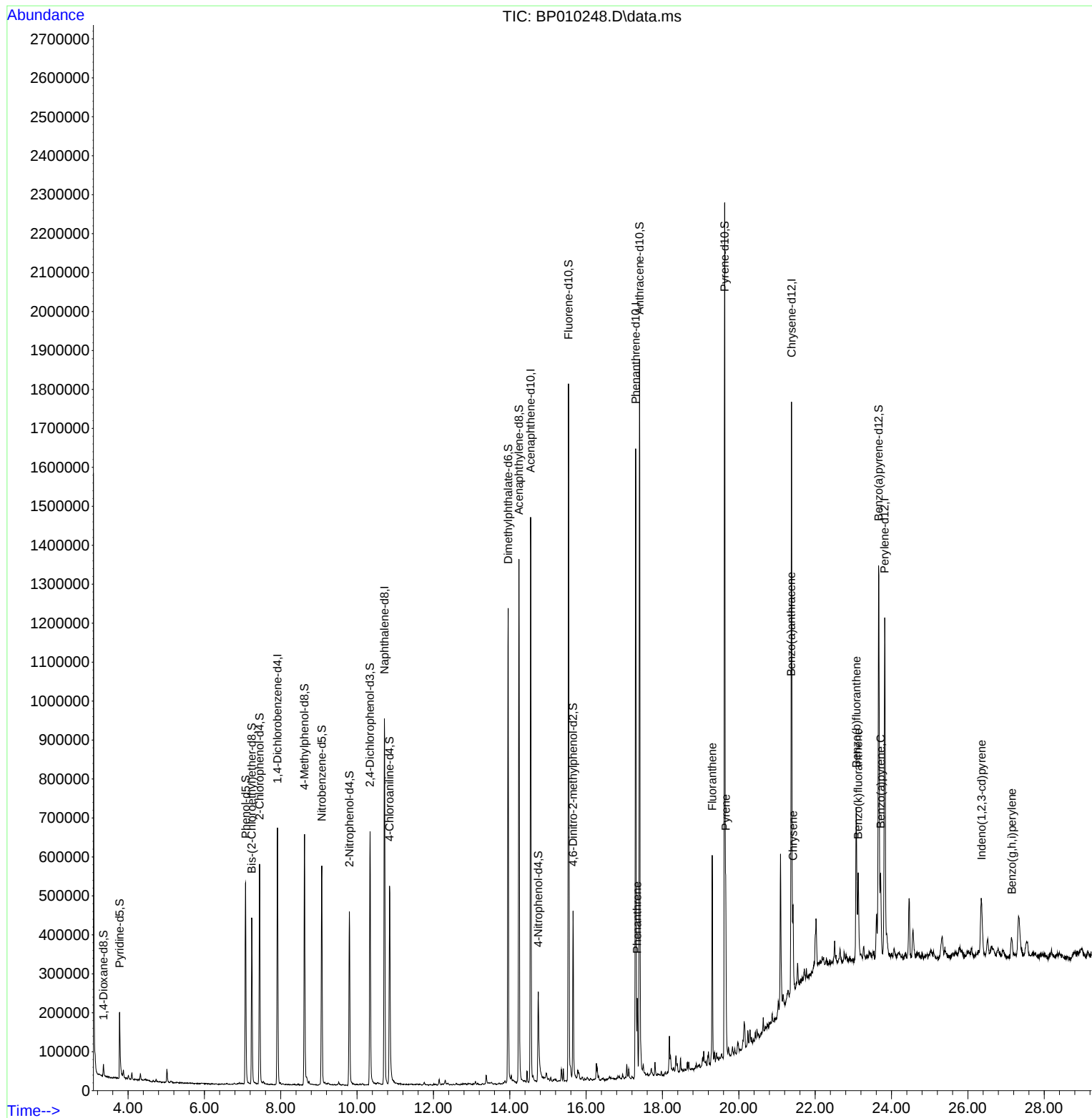
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050522\
Data File : BP010248.D
Acq On : 05 May 2022 15:44
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Sample : N2697-01
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ALS Vial : 11 Sample Multiplier: 1

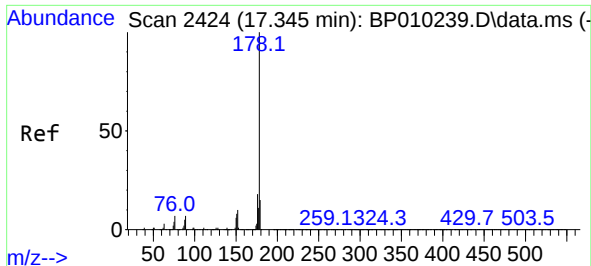
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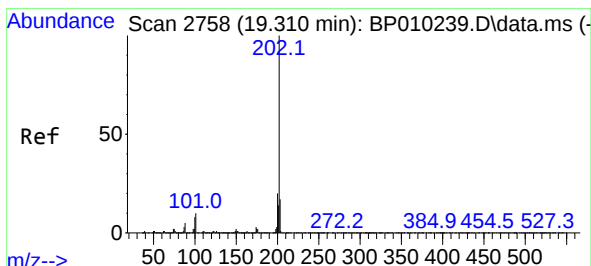
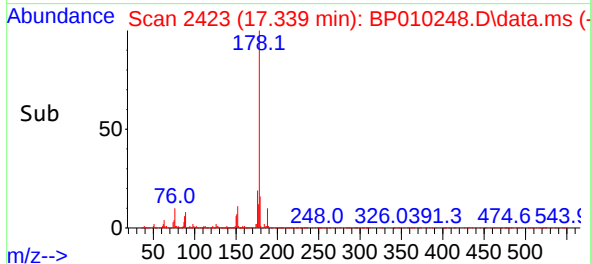
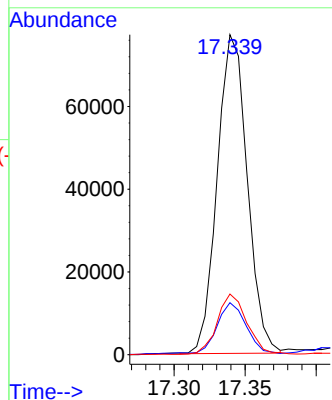
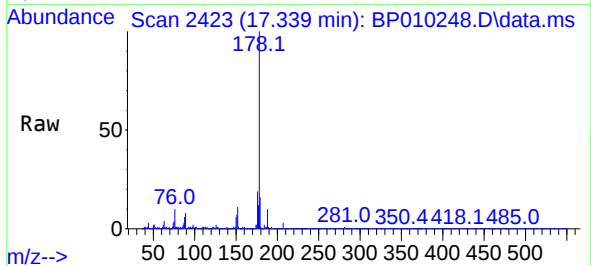
#72
Phenanthrene
Concen: 2.075 ng/u1
RT: 17.339 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

Instrument :
BNA_P
ClientSampleId :
BGBP8

Tgt Ion:178 Resp: 113160
Ion Ratio Lower Upper
178 100
179 16.2 11.7 17.5
176 19.0 14.5 21.7

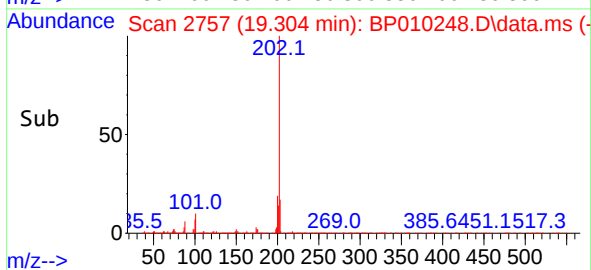
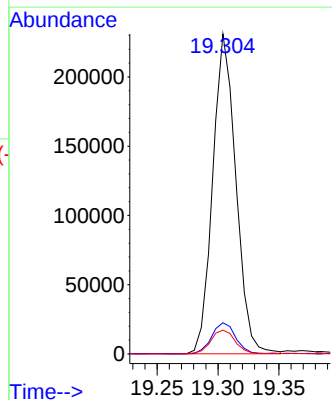
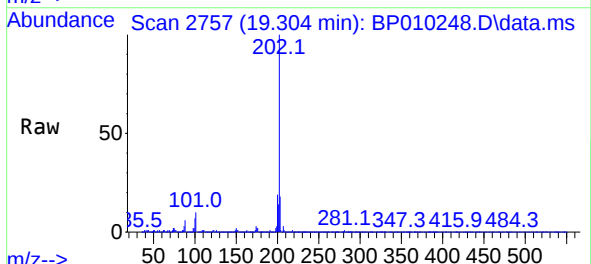
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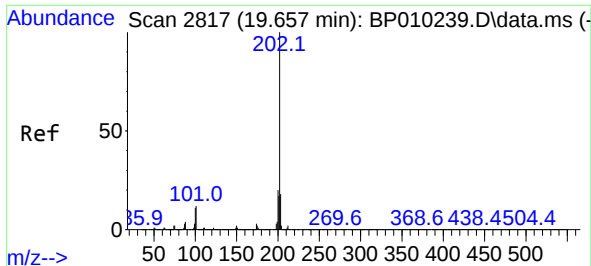
Reviewed By :Jagrut Upadhyay 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



#80
Fluoranthene
Concen: 6.575 ng/u1
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

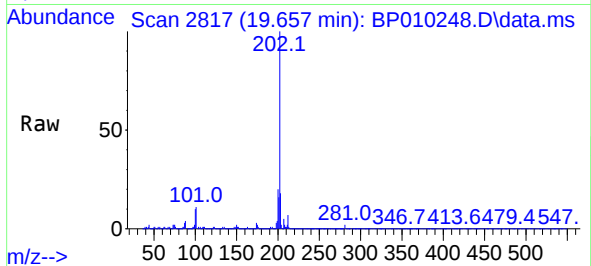
Tgt Ion:202 Resp: 305706
Ion Ratio Lower Upper
202 100
101 9.7 9.6 14.4
100 7.5 6.3 9.5





#82
Pyrene
Concen: 5.421 ng/ul
RT: 19.657 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP010248.D
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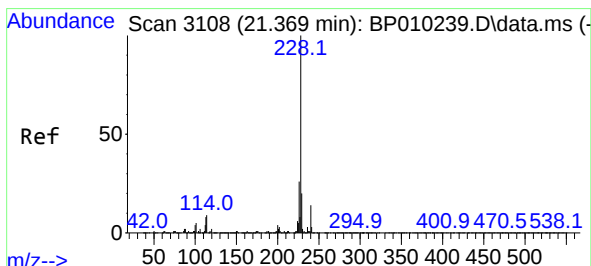
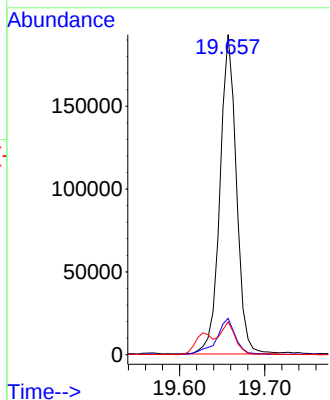
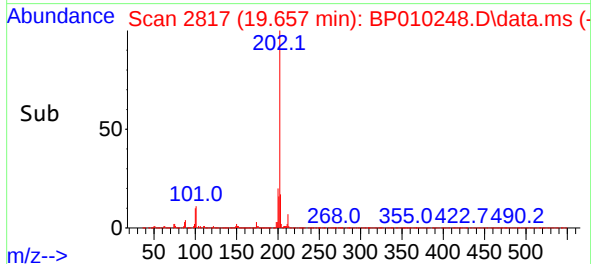
Instrument :
BNA_P
ClientSampleId :
BGBP8



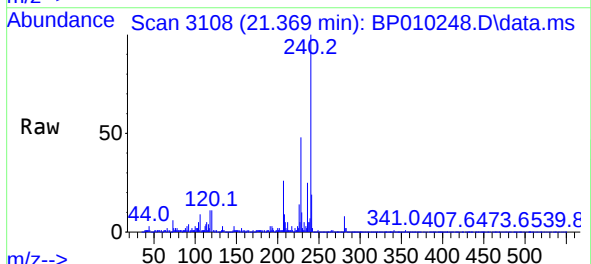
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Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 10.3 9.8 14.6

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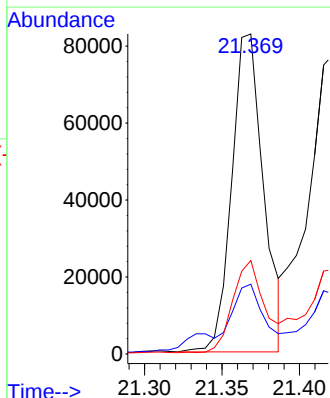
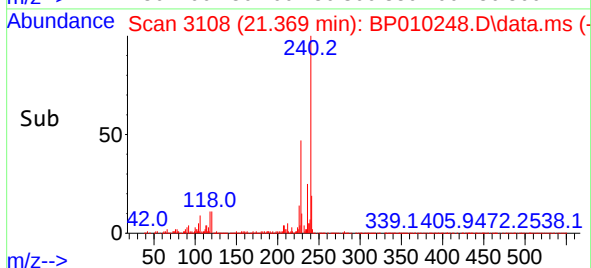
Reviewed By :Jagrut Upadhyay 05/10/2022
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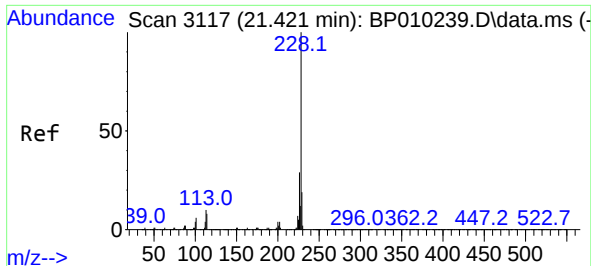


#85
Benzo(a)anthracene
Concen: 2.563 ng/ul
RT: 21.369 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44



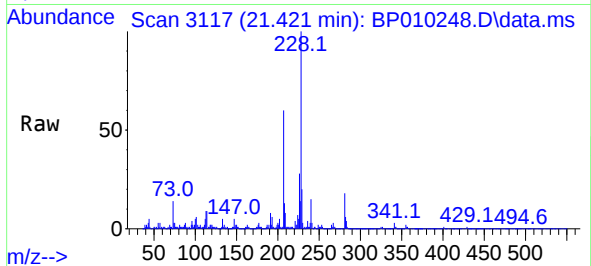
Tgt Ion:228 Resp: 117879
Ion Ratio Lower Upper
228 100
229 21.8 18.2 27.2
226 29.2 22.8 34.2





#87
Chrysene
Concen: 3.000 ng/u1
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

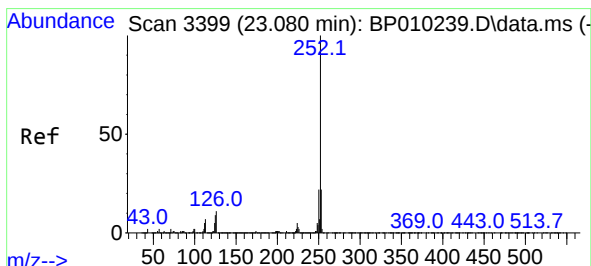
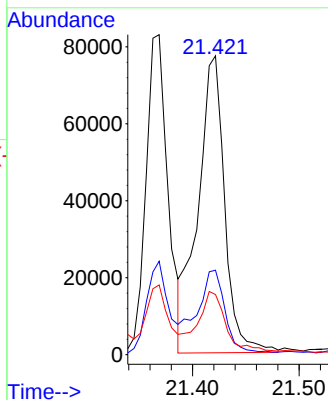
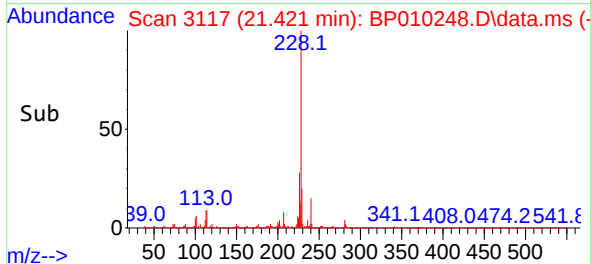
Instrument :
BNA_P
ClientSampleId :
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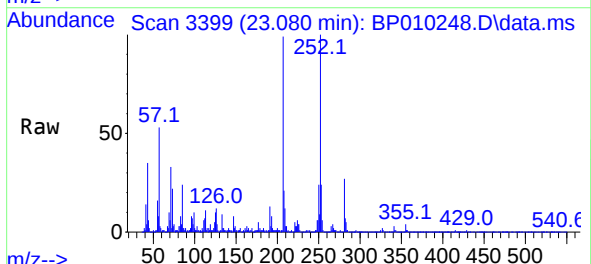
Tgt Ion:228 Resp: 13589
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.1 15.2 22.8

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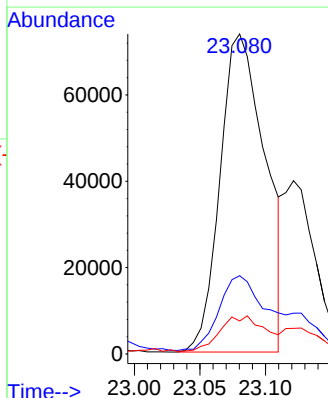
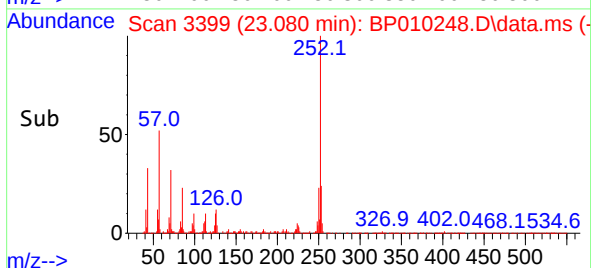
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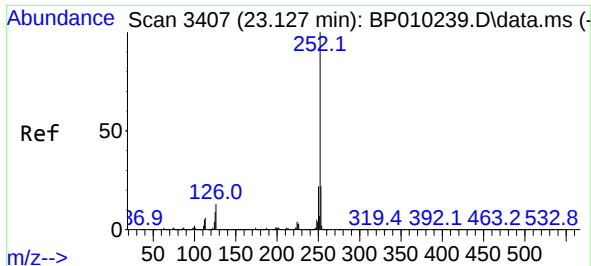


#90
Benzo(b)fluoranthene
Concen: 3.893 ng/u1
RT: 23.080 min Scan# 3399
Delta R.T. 0.000 min
Lab File: BP010248.D
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Tgt Ion:252 Resp: 176613
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 10.3 7.3 10.9





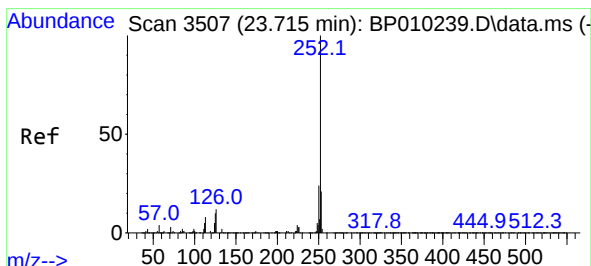
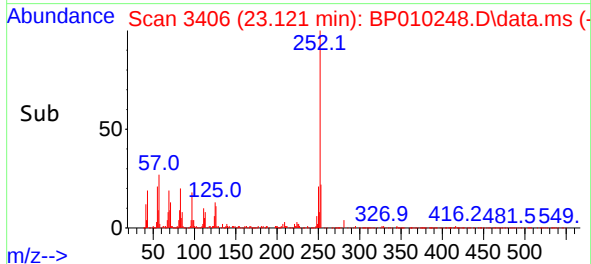
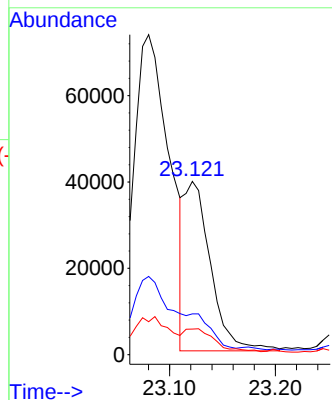
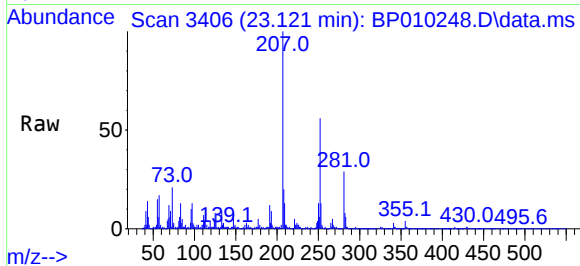
#91
Benzo(k)fluoranthene
Concen: 1.573 ng/ul m
RT: 23.121 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

Instrument :
BNA_P
ClientSampleId :
BGBP8

Tgt Ion:252 Resp: 67608
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 14.7 5.1 7.7

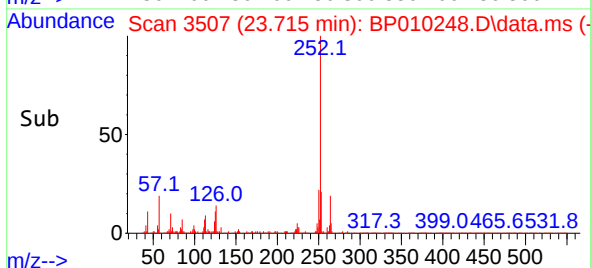
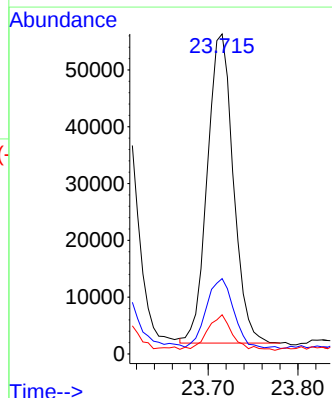
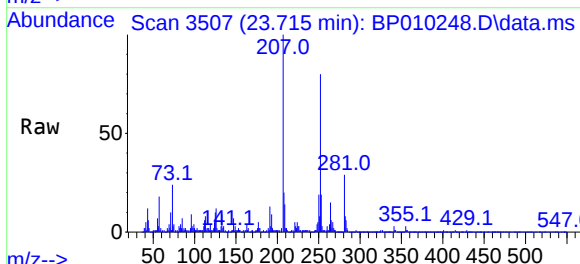
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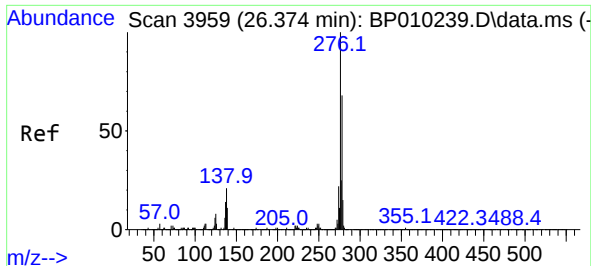
Reviewed By :Jagrut Upadhyay 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



#93
Benzo(a)pyrene
Concen: 2.611 ng/ul
RT: 23.715 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

Tgt Ion:252 Resp: 109547
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 12.3 6.4 9.6





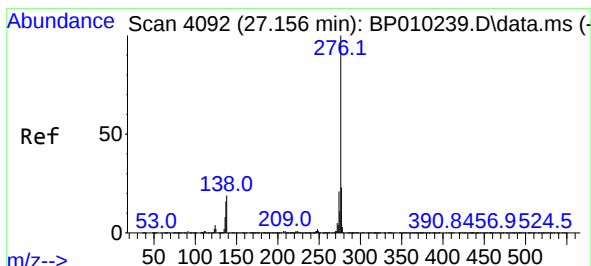
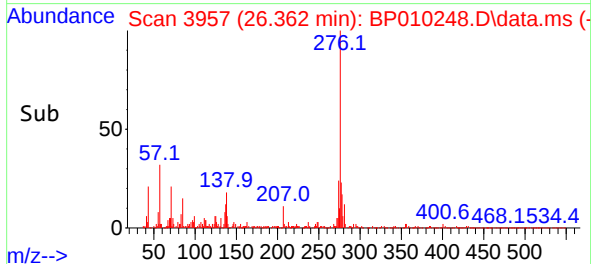
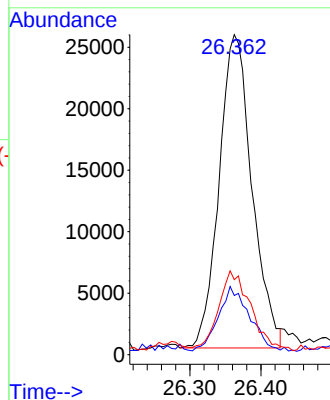
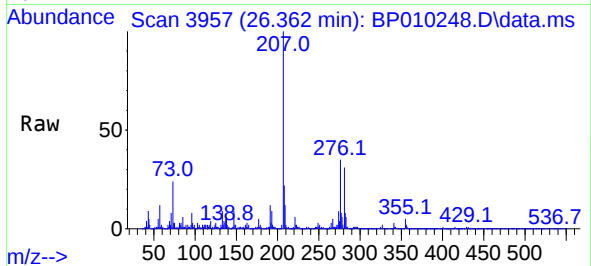
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.963 ng/ul
RT: 26.362 min Scan# 3957
Delta R.T. -0.012 min
Lab File: BP010248.D
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Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:276 Resp: 81924
Ion Ratio Lower Upper
276 100
138 18.5 12.3 18.5
277 23.4 19.3 28.9

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.027 ng/ul
RT: 27.151 min Scan# 4091
Delta R.T. -0.006 min
Lab File: BP010248.D
Acq: 05 May 2022 15:44

Tgt Ion:276 Resp: 71395
Ion Ratio Lower Upper
276 100
138 17.7 11.6 17.4#
277 25.6 15.9 23.9#

