

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 03:47:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	202367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1010975	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	619810	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1394827	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1126652	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	832411	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18569	3.247	ng/uL	0.00
4) Pyridine-d5	3.740	84	75194	5.272	ng/u1	0.01
7) Phenol-d5	7.152	99	258285	14.130	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	209765	16.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	224797	17.036	ng/u1	0.01
15) 4-Methylphenol-d8	8.757	113	72833m	4.946	ng/u1	0.06
21) Nitrobenzene-d5	9.152	128	125740	18.028	ng/u1	0.01
24) 2-Nitrophenol-d4	9.875	143	130882	16.465	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.481	165	193476	14.055	ng/u1	0.05
31) 4-Chloroaniline-d4	11.081	131	8823m	0.400	ng/u1	0.14
46) Dimethylphthalate-d6	14.016	166	893193	18.892	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	845419	16.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	96035m	9.953	ng/u1	0.02
60) Fluorene-d10	15.598	176	776570	19.626	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	47266	5.870	ng/u1	0.02
73) Anthracene-d10	17.469	188	905326	14.838	ng/u1	0.00
81) Pyrene-d10	19.704	212	540455	9.245	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	148545	3.716	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.187	94	57767m	2.948	ng/u1	
16) Acetophenone	8.816	105	111392	4.588	ng/u1	95
52) Acenaphthene	14.663	153	52728	1.310	ng/u1	98
61) Fluorene	15.657	166	73176	1.598	ng/u1	95
72) Phenanthrene	17.410	178	762480	10.491	ng/u1	99
74) Anthracene	17.504	178	157903m	2.162	ng/u1	
80) Fluoranthene	19.375	202	1163120	17.014	ng/u1	99
82) Pyrene	19.733	202	397264	5.443	ng/u1	99
85) Benzo(a)anthracene	21.445	228	475191	6.477	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.321	149	375657	7.989	ng/u1	100
87) Chrysene	21.504	228	435412	5.858	ng/u1	97
90) Benzo(b)fluoranthene	23.192	252	342624	7.206	ng/u1	96
91) Benzo(k)fluoranthene	23.239	252	150024m	3.100	ng/u1	

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

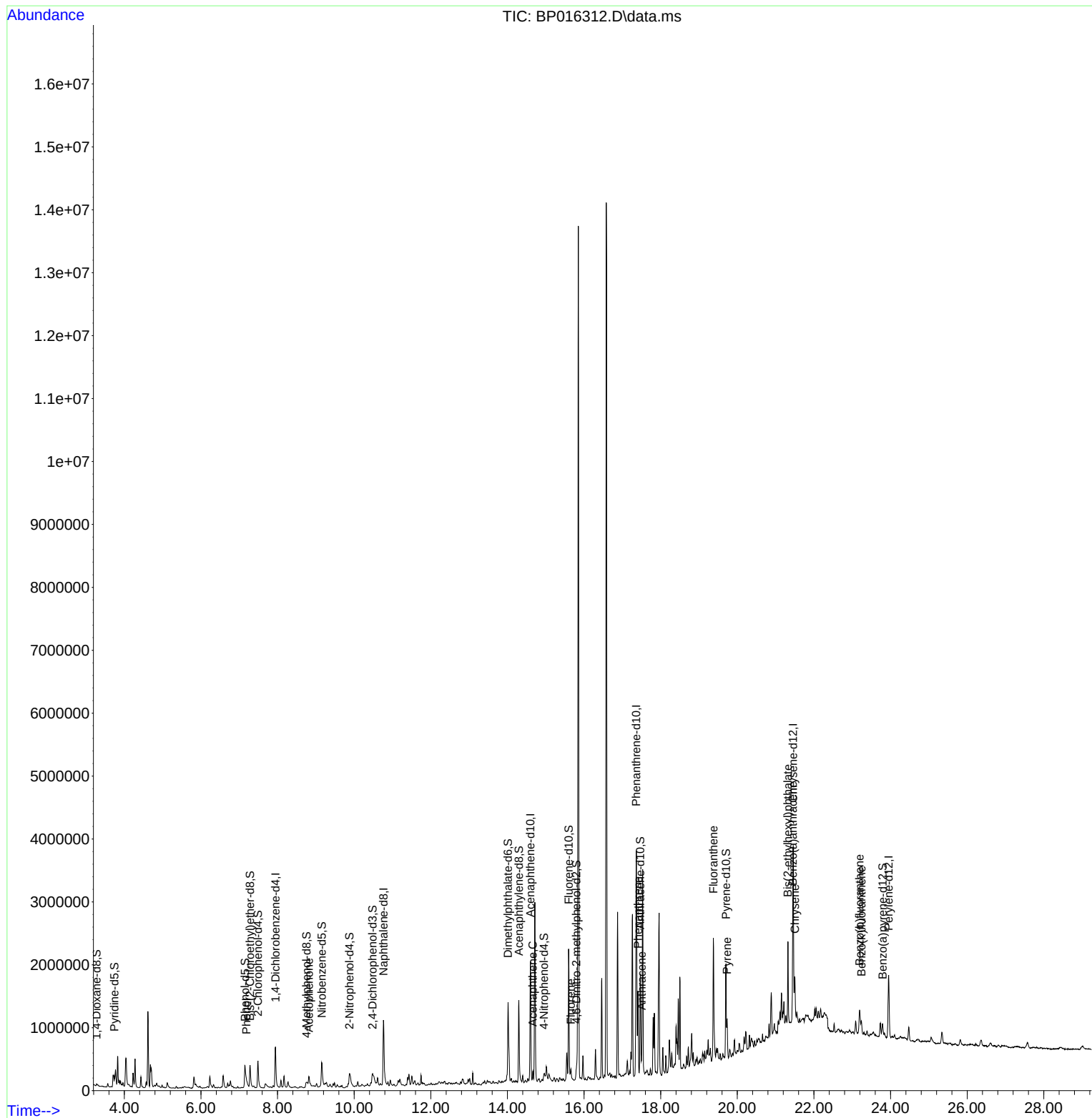
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016312.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

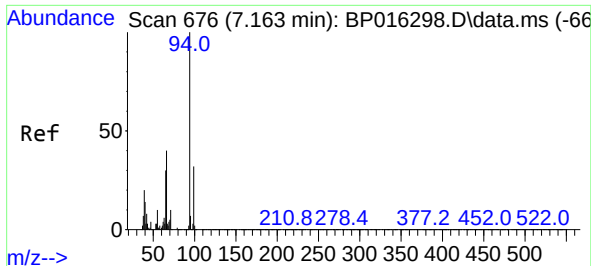
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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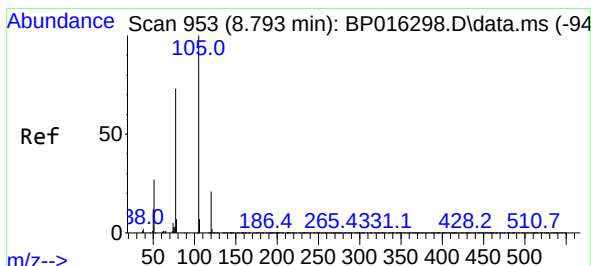
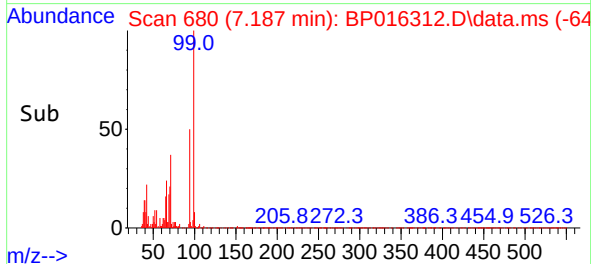
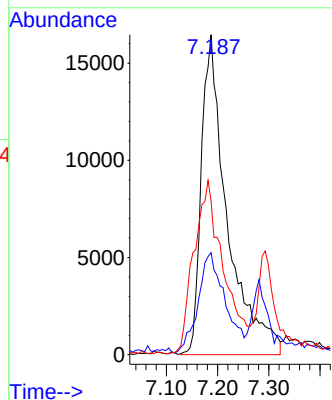
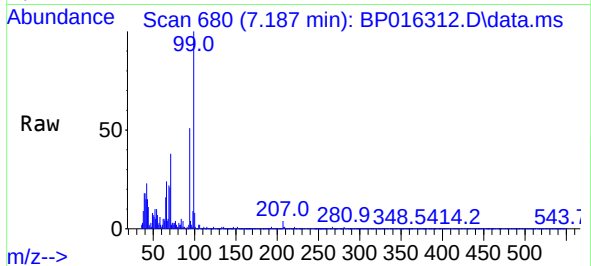
#8
Phenol
Concen: 2.948 ng/ul m
RT: 7.187 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

Instrument :
BNA_P
ClientSampleId :
A46W2

Tgt Ion: 94 Resp: 5776
Ion Ratio Lower Upper
94 100
65 31.9 25.5 38.3
66 48.0 32.7 49.1

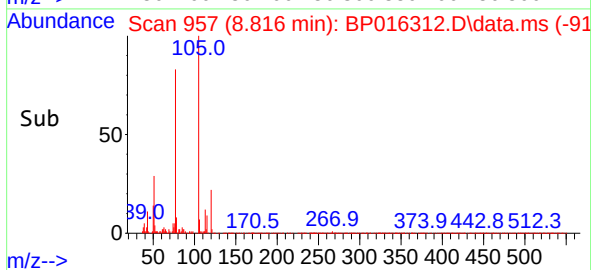
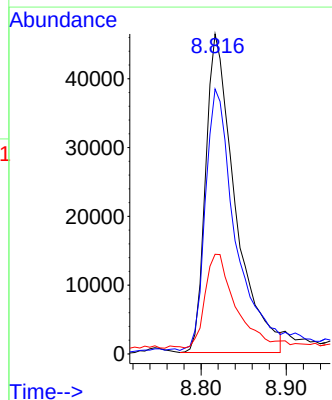
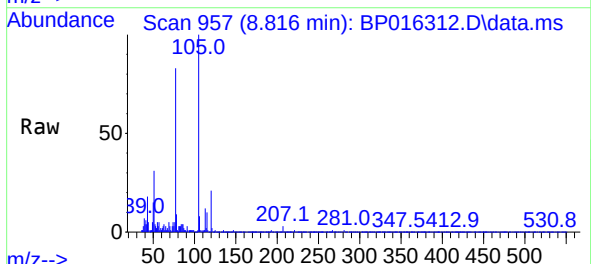
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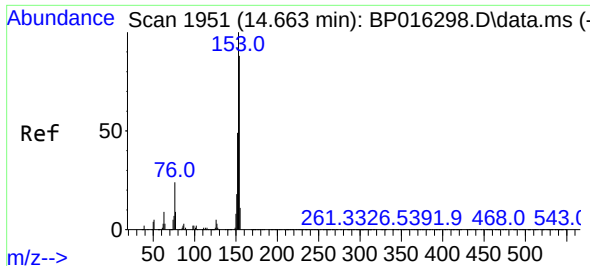
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Acetophenone
Concen: 4.588 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. 0.024 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

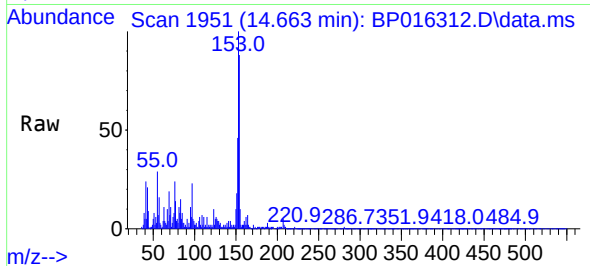
Tgt Ion:105 Resp: 111392
Ion Ratio Lower Upper
105 100
77 82.8 70.2 105.2
51 31.1 26.3 39.5





#52
Acenaphthene
Concen: 1.310 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

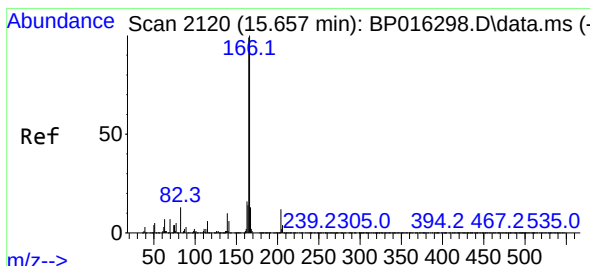
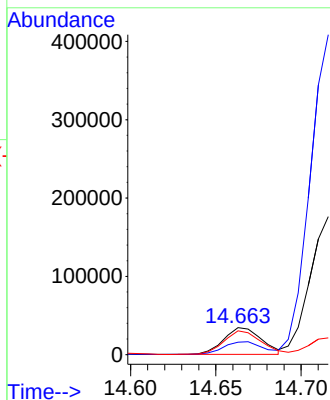
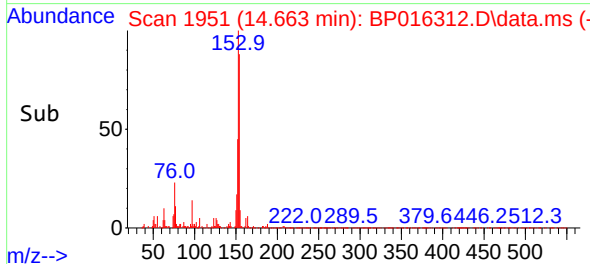
Instrument :
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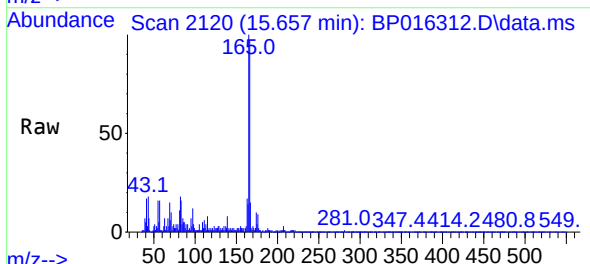
Tgt Ion:153 Resp: 52728
Ion Ratio Lower Upper
153 100
152 46.3 37.9 56.9
154 88.1 69.3 103.9

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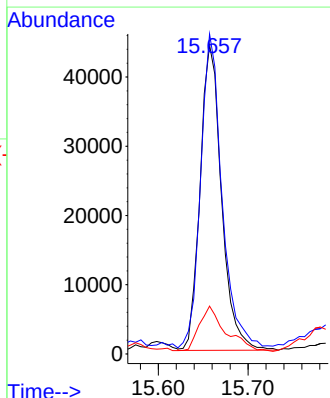
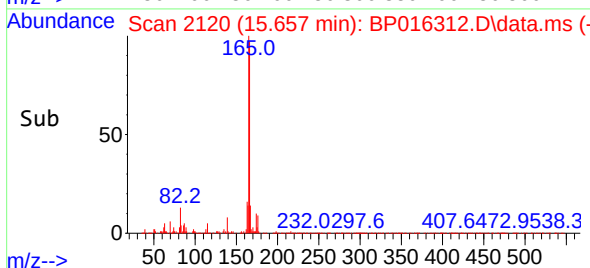
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

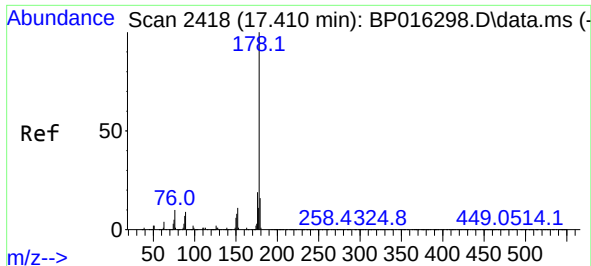


#61
Fluorene
Concen: 1.598 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01



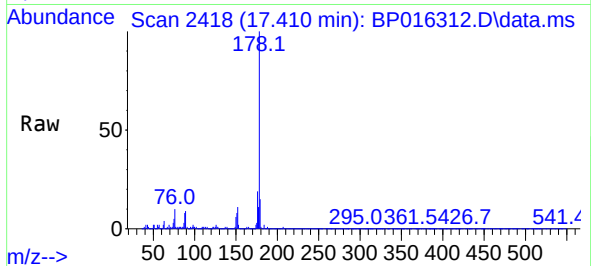
Tgt Ion:166 Resp: 73176
Ion Ratio Lower Upper
166 100
165 103.6 78.6 117.8
167 15.5 11.0 16.4





#72
Phenanthrene
Concen: 10.491 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

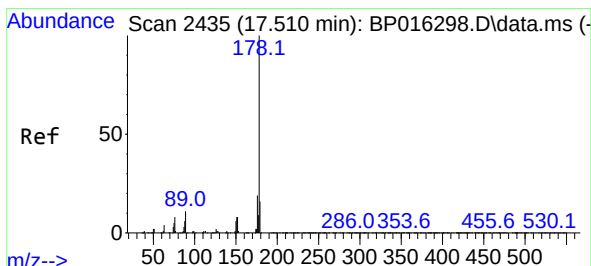
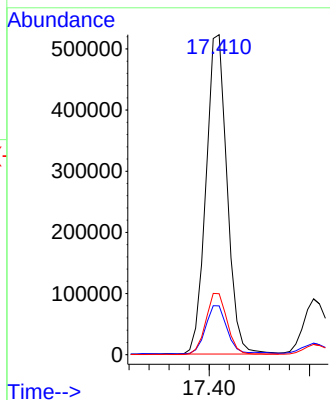
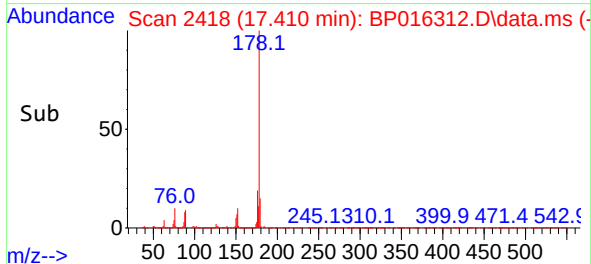
Instrument :
BNA_P
ClientSampleId :
A46W2



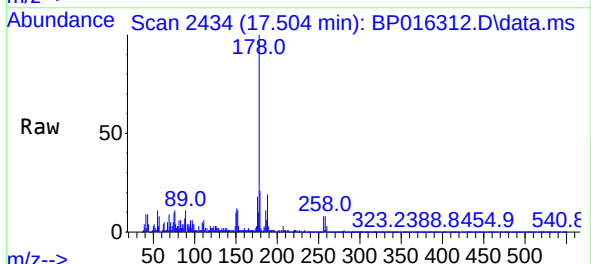
Tgt Ion:178 Resp: 762480
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.0 15.6 23.4

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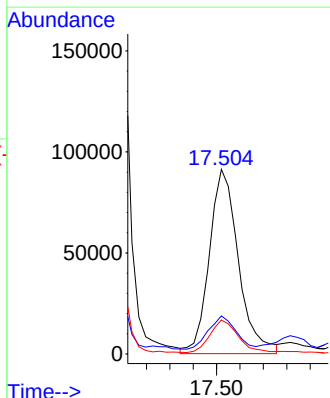
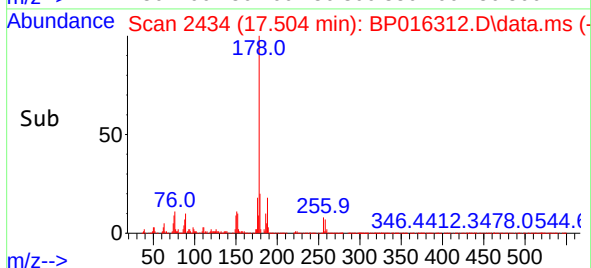
Reviewed By :Yogesh Patel 07/19/2023
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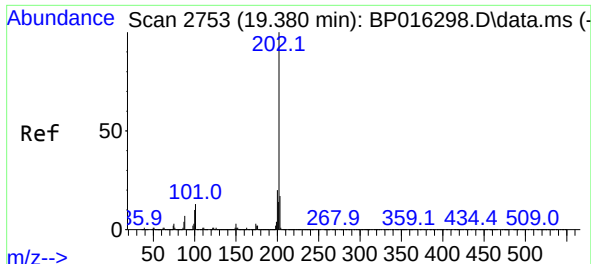


#74
Anthracene
Concen: 2.162 ng/ul m
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01



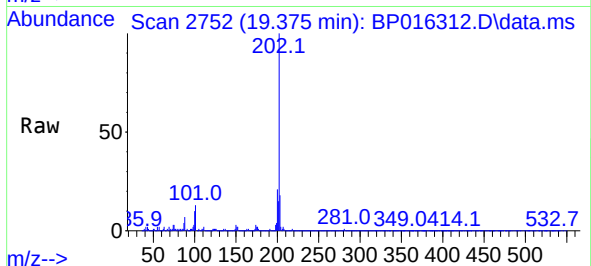
Tgt Ion:178 Resp: 157903
Ion Ratio Lower Upper
178 100
179 20.6 11.9 17.9#
176 18.4 15.0 22.4





#80
Fluoranthene
Concen: 17.014 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

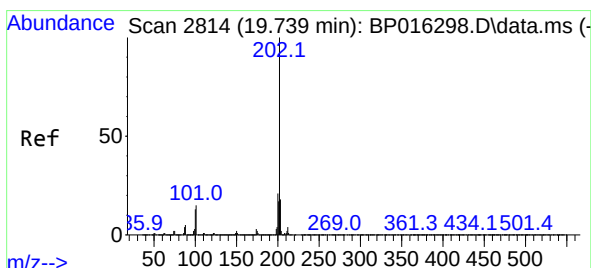
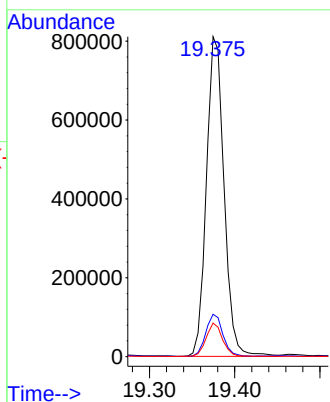
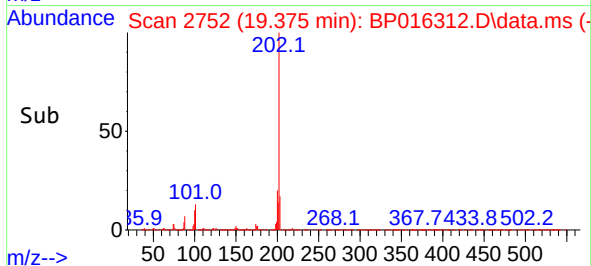
Instrument :
BNA_P
ClientSampleId :
A46W2



Tgt Ion:202 Resp: 1163120
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 10.5 8.2 12.4

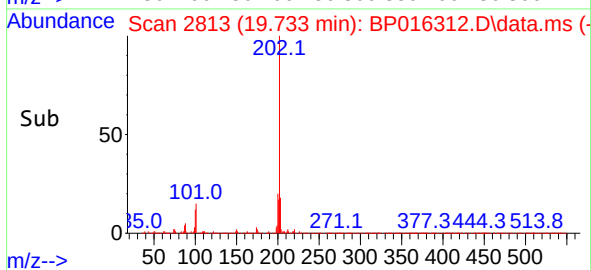
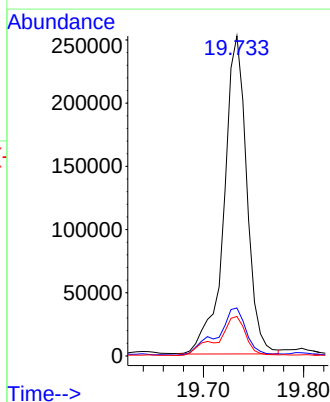
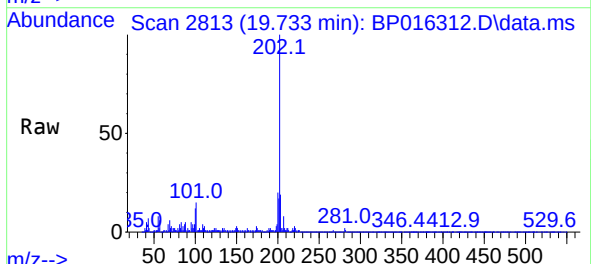
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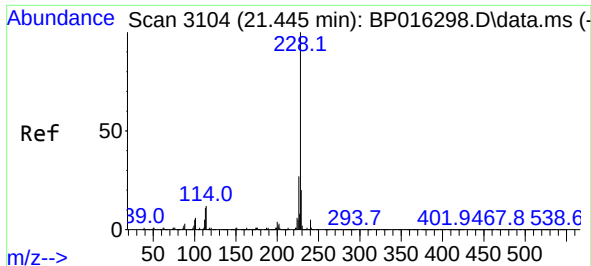
Reviewed By :Yogesh Patel 07/19/2023
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#82
Pyrene
Concen: 5.443 ng/ul
RT: 19.733 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

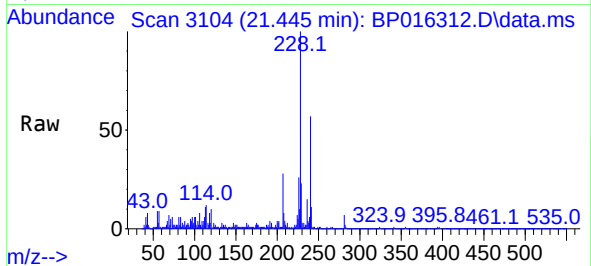
Tgt Ion:202 Resp: 397264
Ion Ratio Lower Upper
202 100
101 15.0 12.4 18.6
100 12.4 10.5 15.7





#85
Benzo(a)anthracene
Concen: 6.477 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

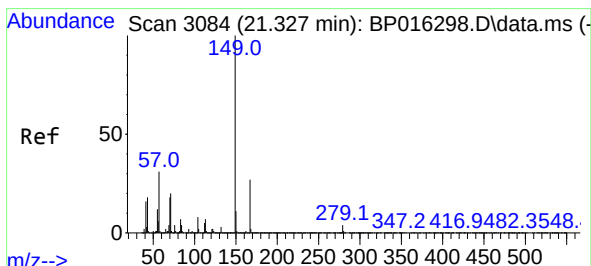
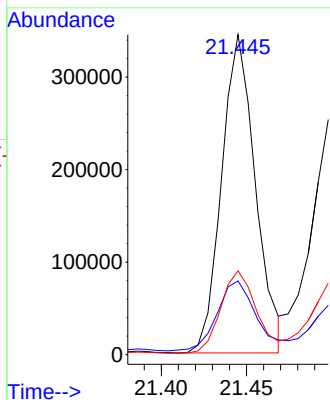
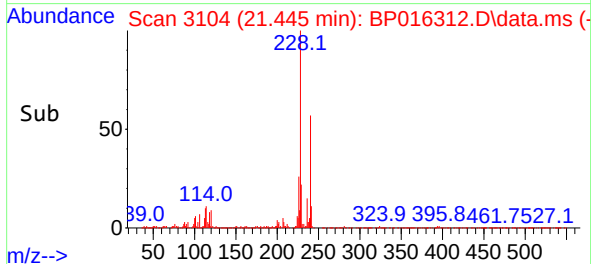
Instrument :
BNA_P
ClientSampleId :
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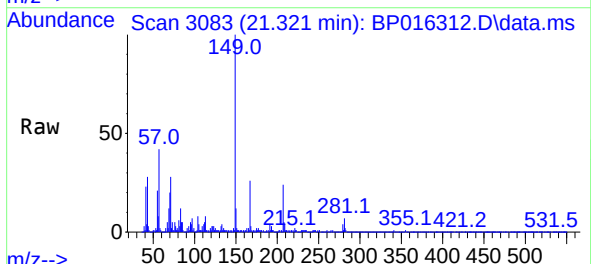
Tgt Ion:228 Resp: 47519
Ion Ratio Lower Upper
228 100
229 23.1 15.5 23.3
226 26.2 21.5 32.3

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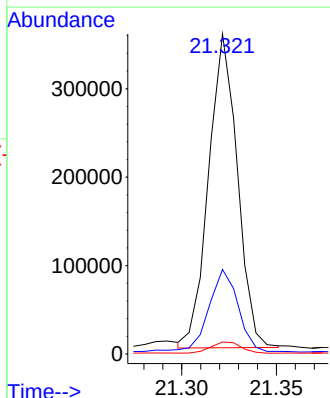
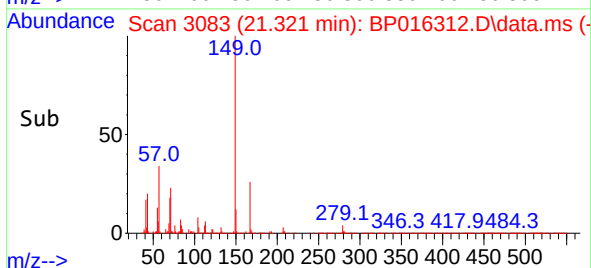
Reviewed By :Yogesh Patel 07/19/2023
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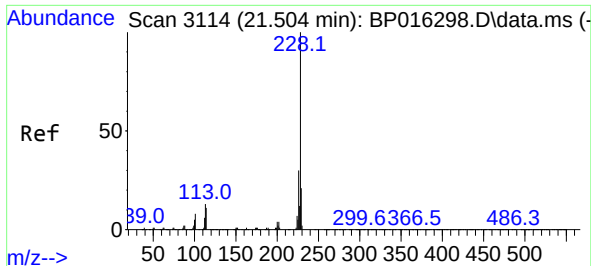


#86
Bis(2-ethylhexyl)phthalate
Concen: 7.989 ng/ul
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01



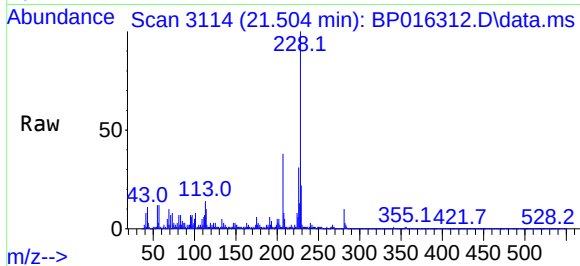
Tgt Ion:149 Resp: 375657
Ion Ratio Lower Upper
149 100
167 26.4 21.0 31.4
279 3.8 3.0 4.6





#87
Chrysene
Concen: 5.858 ng/u1
RT: 21.504 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

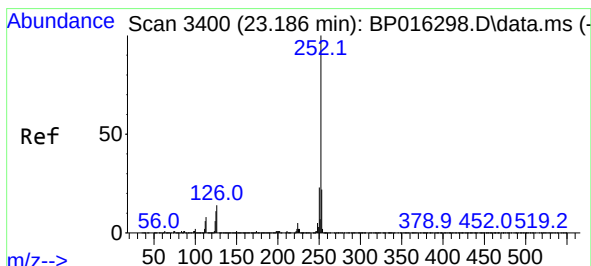
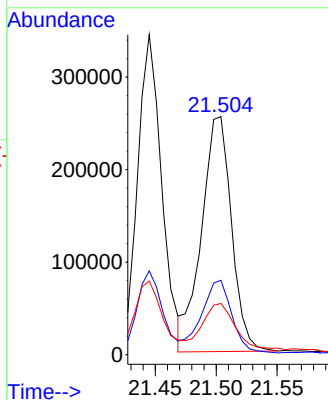
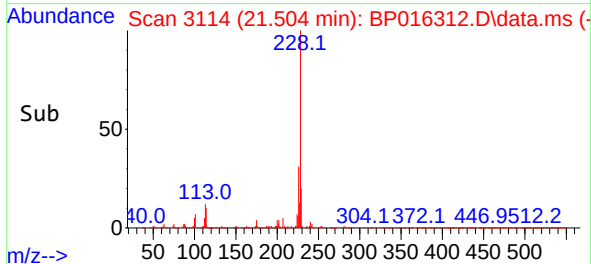
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:228 Resp: 435412
Ion Ratio Lower Upper
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226 31.3 24.0 36.0
229 21.5 15.5 23.3

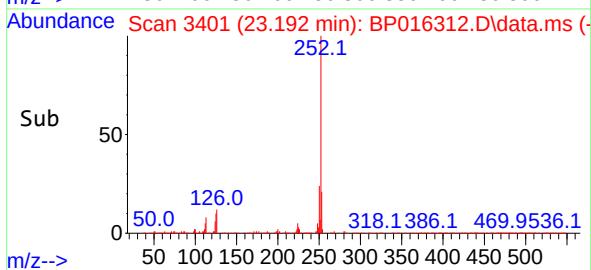
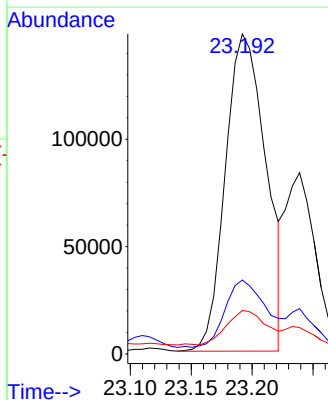
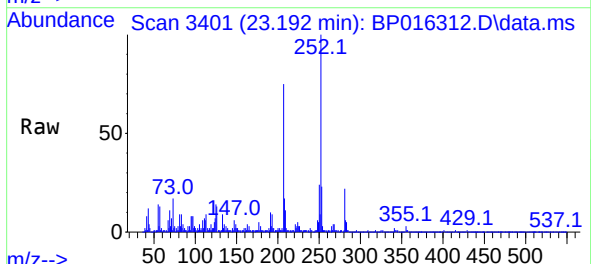
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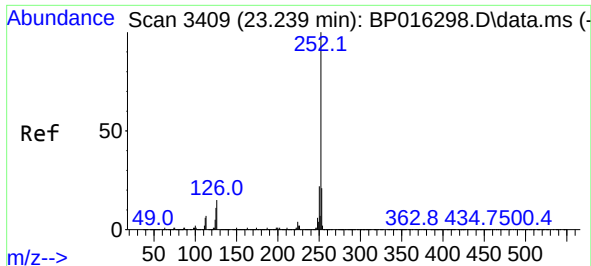
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#90
Benzo(b)fluoranthene
Concen: 7.206 ng/u1
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

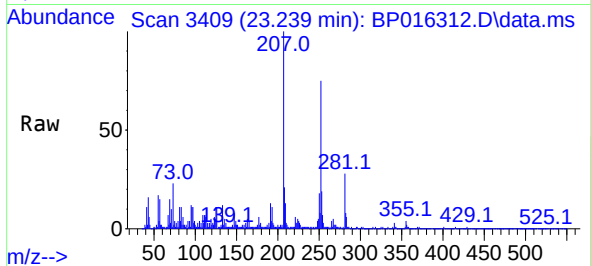
Tgt Ion:252 Resp: 342624
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 13.6 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 3.100 ng/ul m
RT: 23.239 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP016312.D
Acq: 19 Jul 2023 02:01

Instrument :
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Tgt Ion:252 Resp: 150024
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 14.6 9.3 13.9

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