

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010061.D
 Acq On : 22 Apr 2022 18:53
 Operator : CG/JU
 Sample : N2373-07DL 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFD8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 23:30:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	175511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	819853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	561444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1175357	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1085732	20.000	ng/u1	# 0.00
88) Perylene-d12	23.863	264	928158	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	4593	1.141	ng/uL	0.00
4) Pyridine-d5	3.799	84	38095	3.364	ng/u1	0.01
7) Phenol-d5	7.099	99	107237	6.717	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	71117	7.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	86839	7.345	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	88191	6.668	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	43754	6.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	48490	6.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	94037	6.783	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	45683m	2.298	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	328538	7.522	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	369797	6.996	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	33895m	4.216	ng/u1	0.00
60) Fluorene-d10	15.563	176	298092	7.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	32502	4.373	ng/u1	0.00
73) Anthracene-d10	17.422	188	450097	7.916	ng/u1	0.00
81) Pyrene-d10	19.651	212	565798	9.163	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	387265	7.959	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.363	178	1323743	20.721	ng/u1	99
74) Anthracene	17.457	178	131008	2.036	ng/u1	97
77) Carbazole	17.722	167	161693	2.840	ng/u1#	95
80) Fluoranthene	19.327	202	3675854	52.780	ng/u1	97
82) Pyrene	19.680	202	2999881	41.808	ng/u1#	94
83) Butylbenzylphthalate	20.545	149	63529m	2.142	ng/u1	
85) Benzo(a)anthracene	21.392	228	1190885	17.283	ng/u1	98
87) Chrysene	21.445	228	1674477	24.681	ng/u1	97
90) Benzo(b)fluoranthene	23.116	252	1979344	31.721	ng/u1	99
91) Benzo(k)fluoranthene	23.157	252	671098m	11.354	ng/u1	
93) Benzo(a)pyrene	23.751	252	1091707	18.920	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	854266	14.883	ng/u1	97
95) Dibenzo(a,h)anthracene	26.427	278	191779	3.905	ng/u1#	90
96) Benzo(g,h,i)perylene	27.209	276	765709	15.809	ng/u1#	91

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

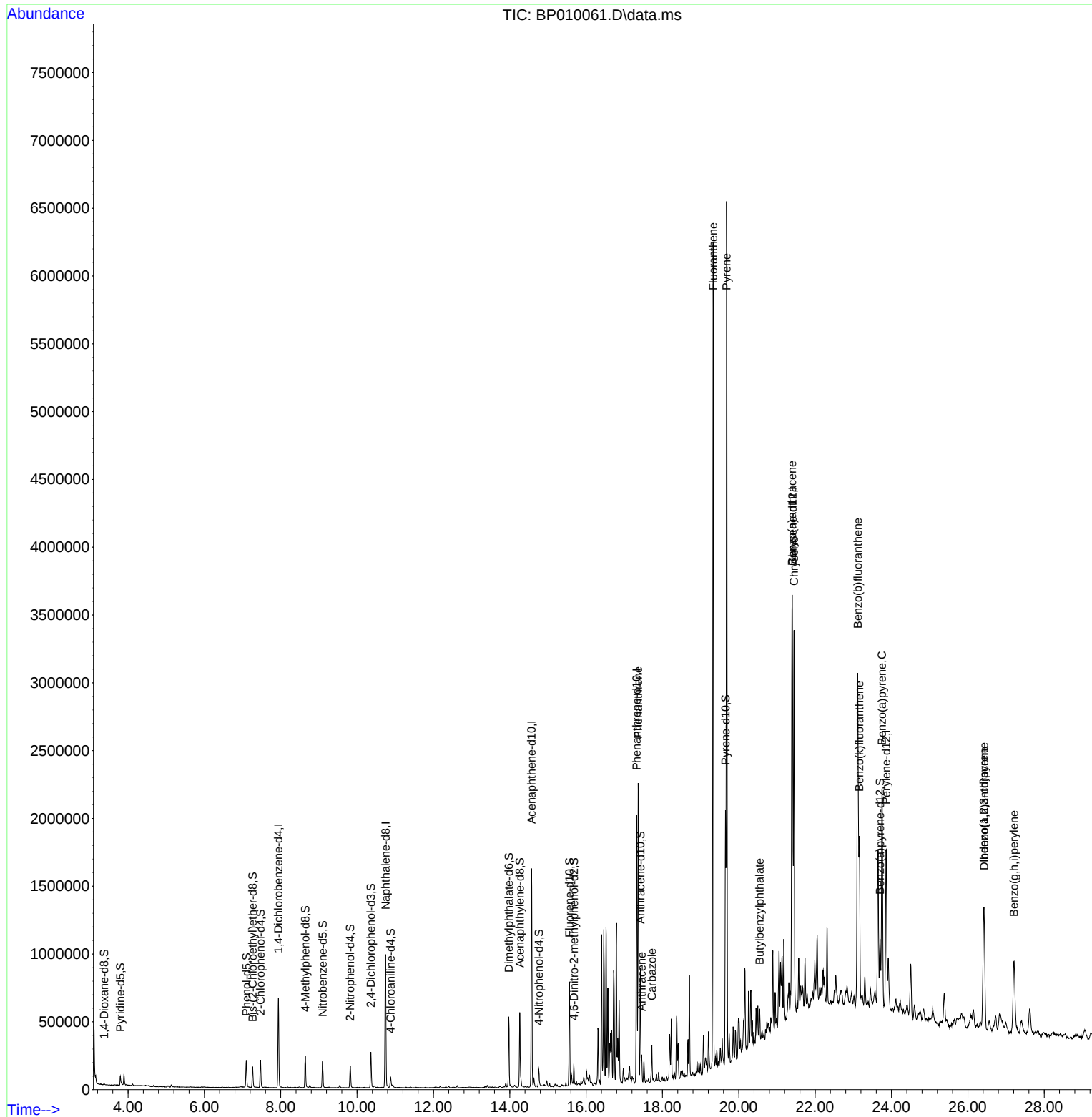
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010061.D
Acq On : 22 Apr 2022 18:53
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ALS Vial : 57 Sample Multiplier: 1

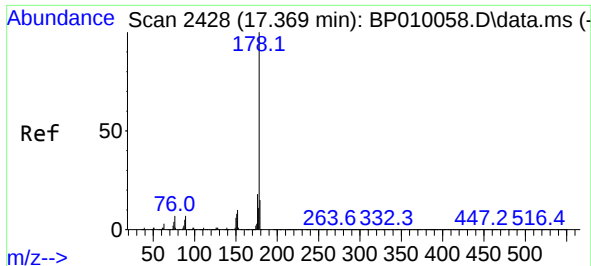
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Quant Title : SVOA CALIBRATION
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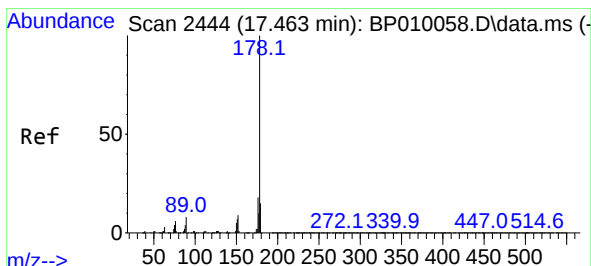
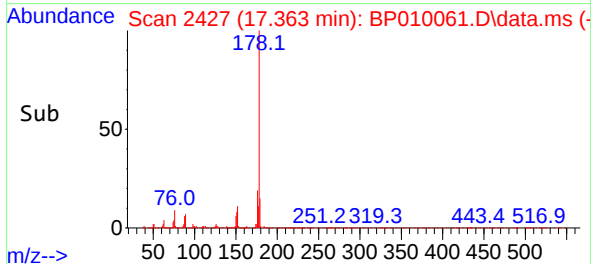
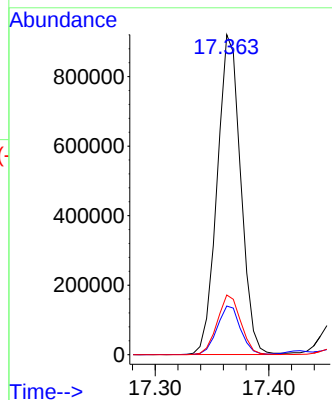
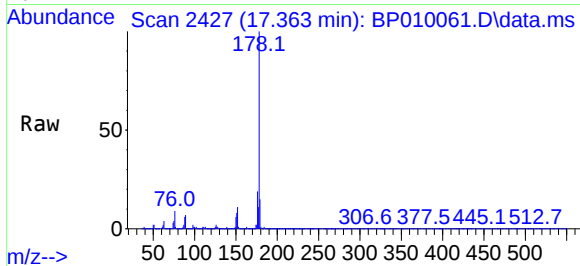
#72
Phenanthrene
Concen: 20.721 ng/ul
RT: 17.363 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

Instrument :
BNA_P
ClientSampleId :
BFFD8DL

Tgt Ion:178 Resp: 132374
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.7 14.5 21.7

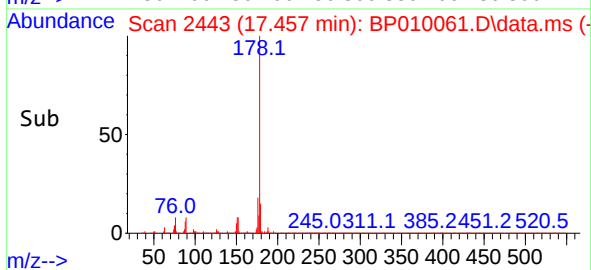
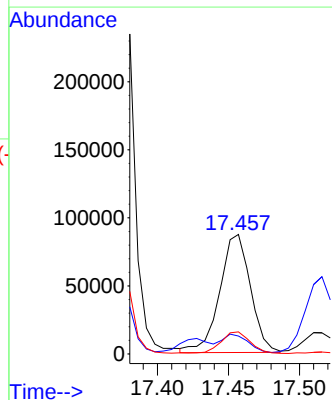
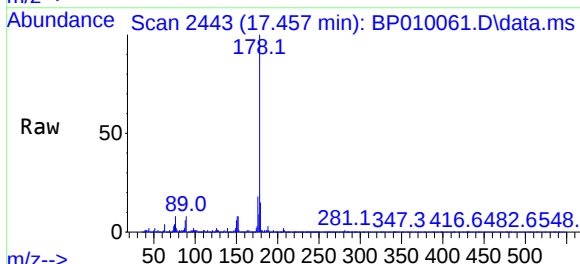
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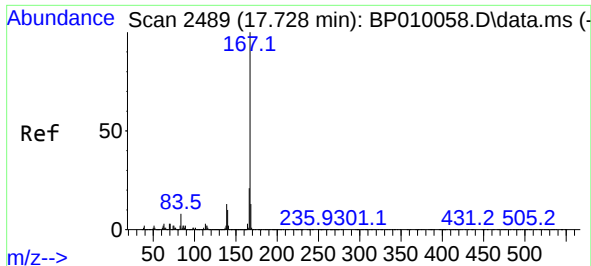
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#74
Anthracene
Concen: 2.036 ng/ul
RT: 17.457 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP010061.D
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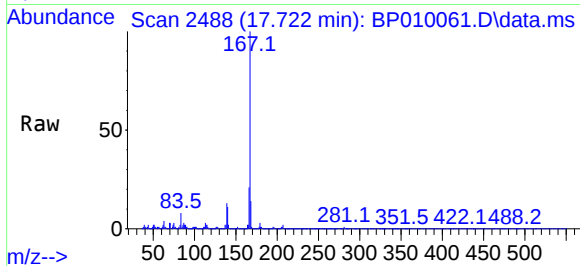
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Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.4 13.4 20.2





#77
 Carbazole
 Concen: 2.840 ng/ul
 RT: 17.722 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BP010061.D
 Acq: 22 Apr 2022 18:53

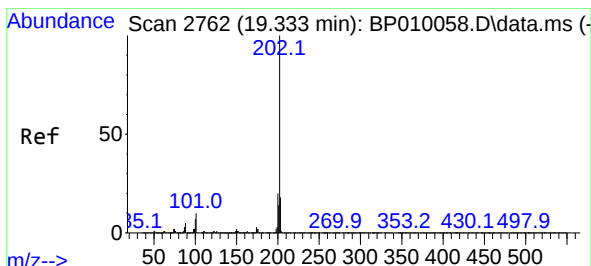
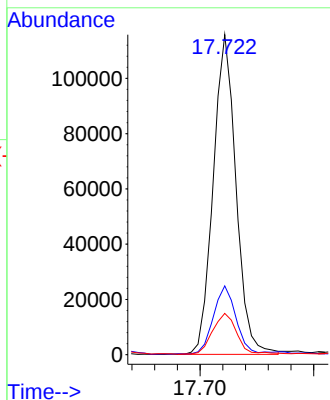
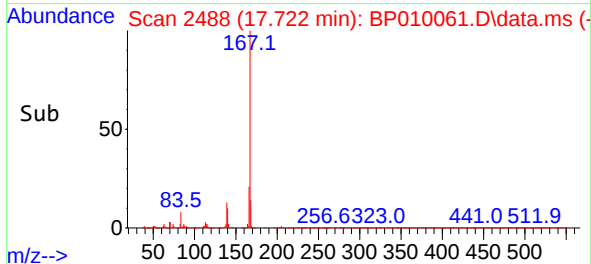
Instrument :
 BNA_P
 ClientSampleId :
 BFFD8DL



Tgt Ion:167 Resp: 16169
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.8 23.8
 139 12.9 8.3 12.5

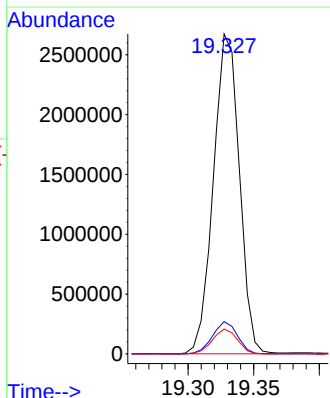
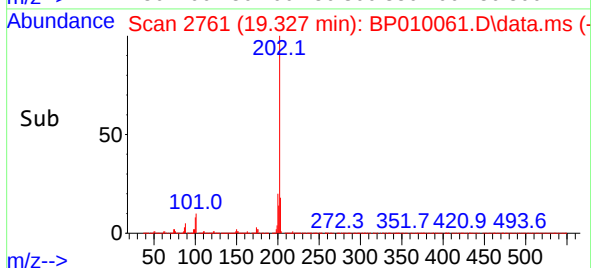
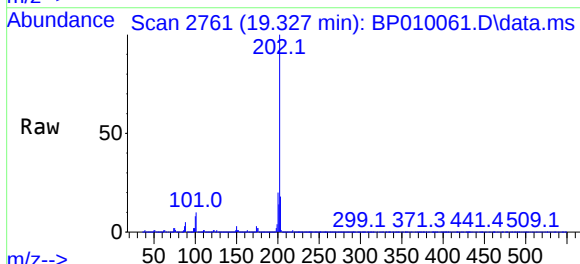
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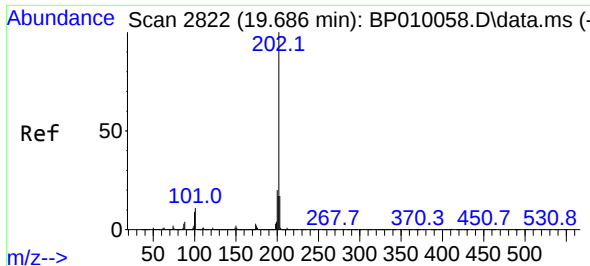
Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022



#80
 Fluoranthene
 Concen: 52.780 ng/ul
 RT: 19.327 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BP010061.D
 Acq: 22 Apr 2022 18:53

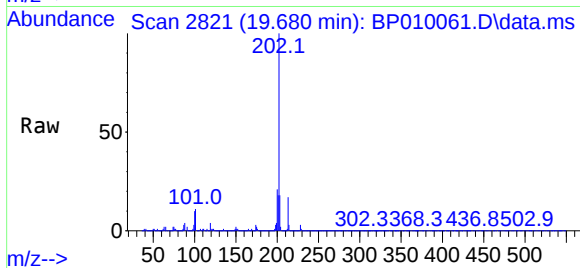
Tgt Ion:202 Resp: 3675854
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.6 14.4
 100 7.8 6.3 9.5





#82
 Pyrene
 Concen: 41.808 ng/ul
 RT: 19.680 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BP010061.D
 Acq: 22 Apr 2022 18:53

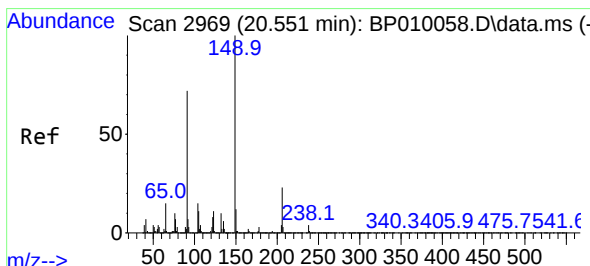
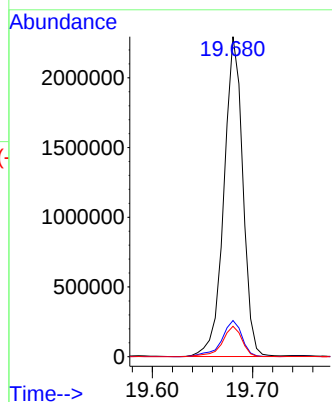
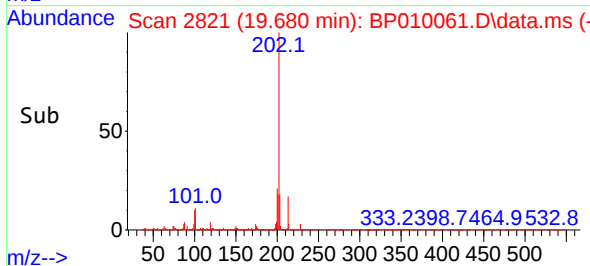
Instrument :
 BNA_P
 ClientSampleId :
 BFFD8DL



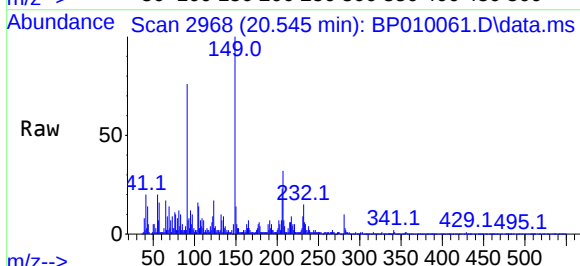
Tgt Ion:202 Resp: 299988
 Ion Ratio Lower Upper
 202 100
 101 11.3 10.6 15.8
 100 9.5 9.8 14.6

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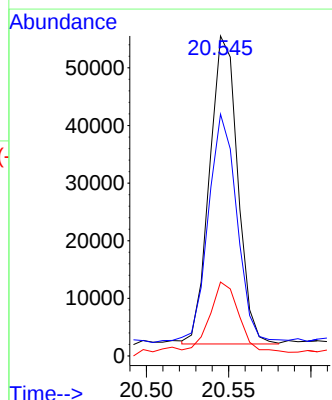
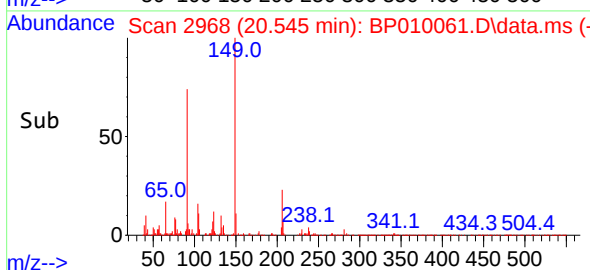
Reviewed By :Jagrut Upadhyay 04/25/2022
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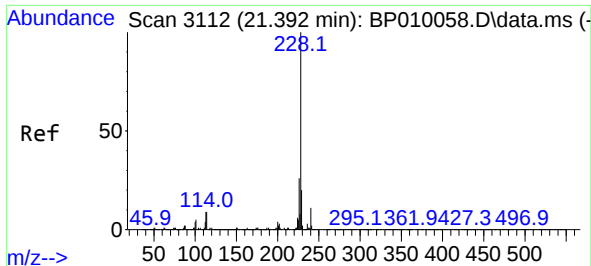


#83
 Butylbenzylphthalate
 Concen: 2.142 ng/ul m
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BP010061.D
 Acq: 22 Apr 2022 18:53



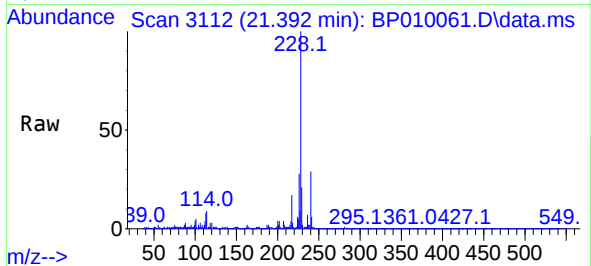
Tgt Ion:149 Resp: 63529
 Ion Ratio Lower Upper
 149 100
 91 75.6 71.1 106.7
 206 23.1 28.8 43.2





#85
Benzo(a)anthracene
Concen: 17.283 ng/u1
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

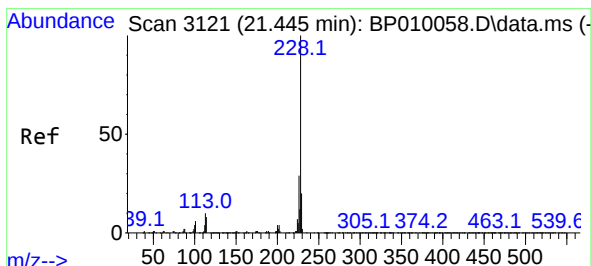
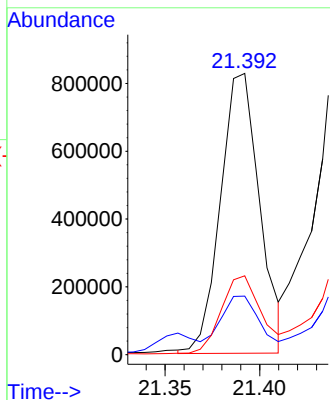
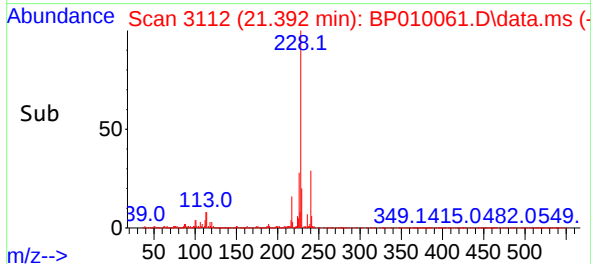
Instrument :
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ClientSampleId :
BFFD8DL



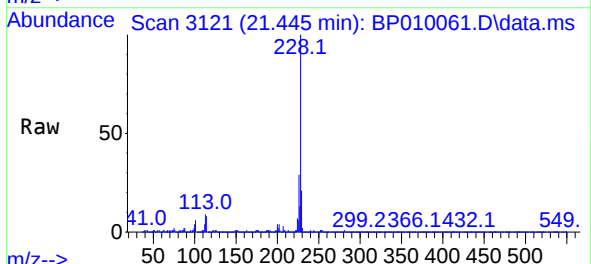
Tgt Ion:228 Resp: 1190885
Ion Ratio Lower Upper
228 100
229 20.8 18.2 27.2
226 28.0 22.8 34.2

Manual Integrations
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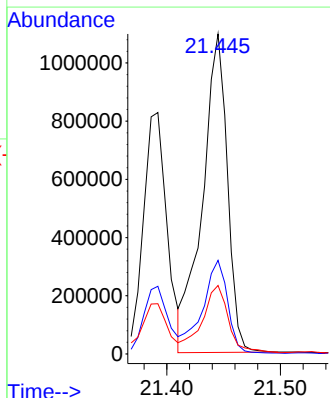
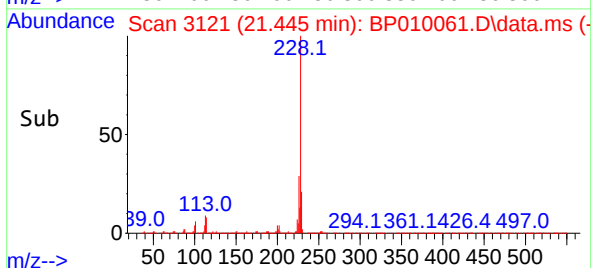
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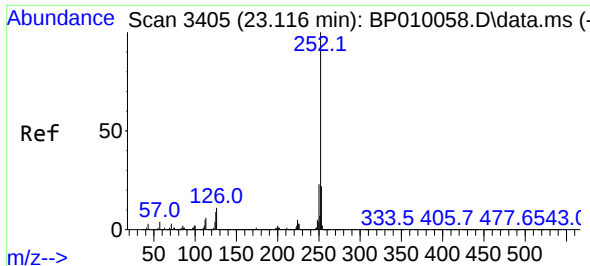


#87
Chrysene
Concen: 24.681 ng/u1
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53



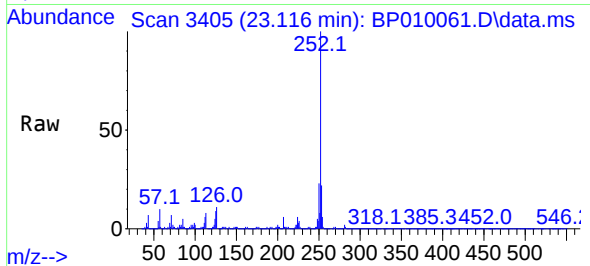
Tgt Ion:228 Resp: 1674477
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.4 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 31.721 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. 0.006 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

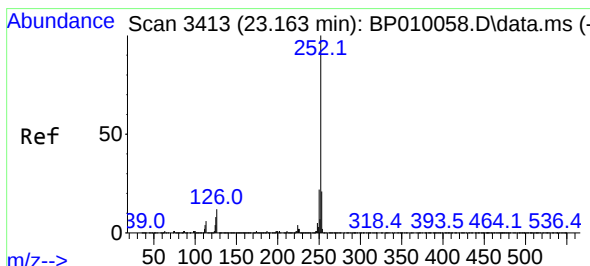
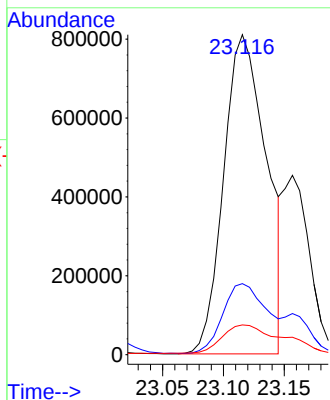
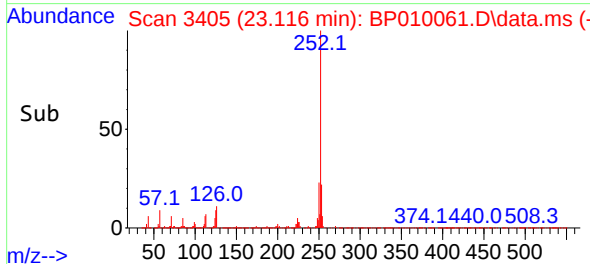
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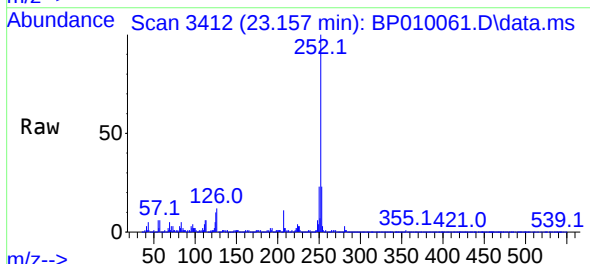
Tgt Ion:252 Resp: 1979344
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.3 7.3 10.9

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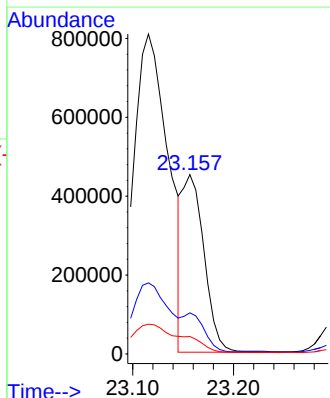
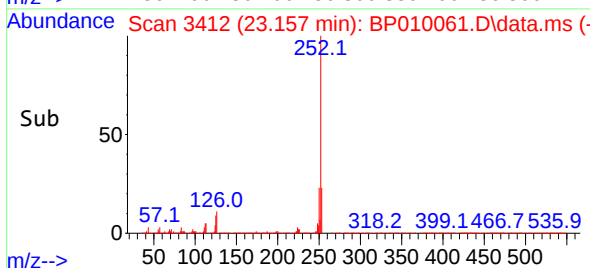
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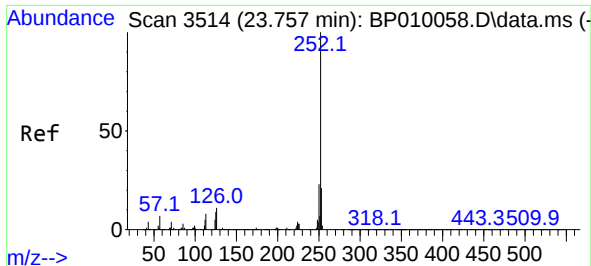


#91
Benzo(k)fluoranthene
Concen: 11.354 ng/ul m
RT: 23.157 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BP010061.D
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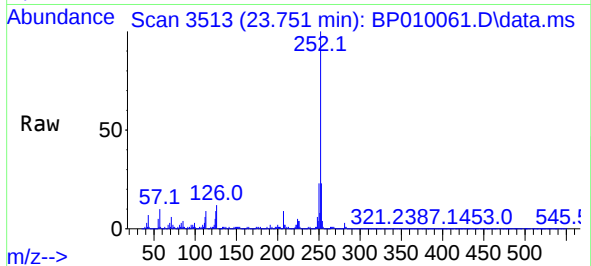
Tgt Ion:252 Resp: 671098
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.7 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 18.920 ng/ul
RT: 23.751 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

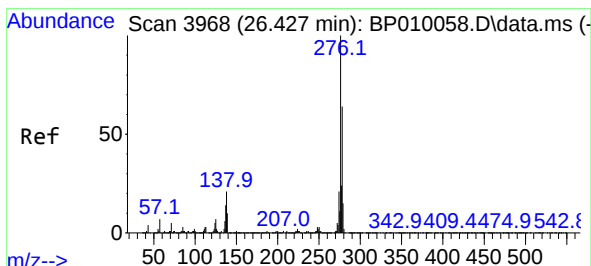
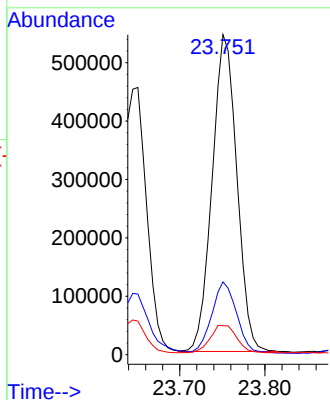
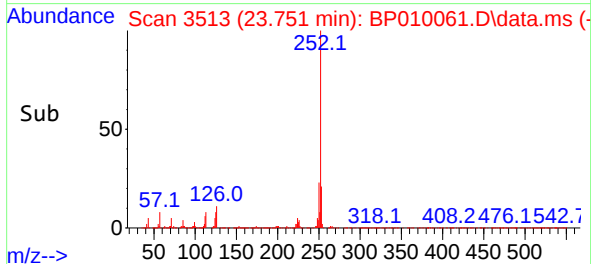
Instrument :
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ClientSampleId :
BFFD8DL



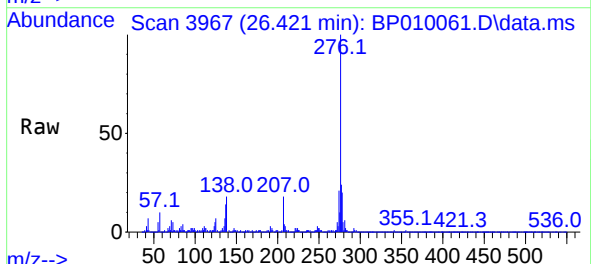
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Ion Ratio Lower Upper
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253 22.7 17.5 26.3
125 9.1 6.4 9.6

Manual Integrations
APPROVED

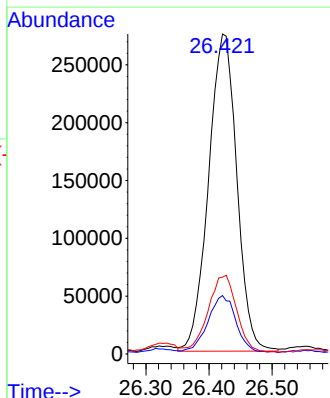
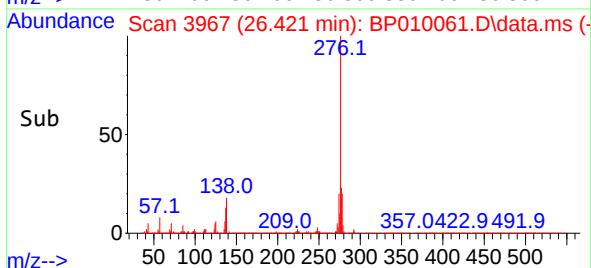
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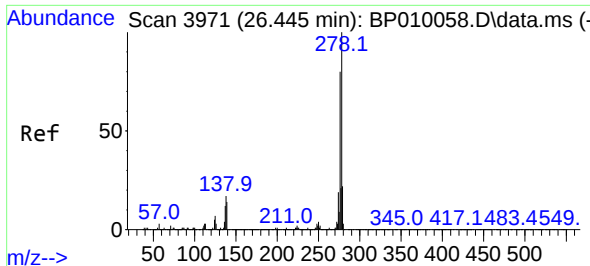


#94
Indeno(1,2,3-cd)pyrene
Concen: 14.883 ng/ul
RT: 26.421 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53



Tgt Ion:276 Resp: 854266
Ion Ratio Lower Upper
276 100
138 18.3 12.3 18.5
277 24.0 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 3.905 ng/ul
RT: 26.427 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

Instrument :

BNA_P

ClientSampleId :

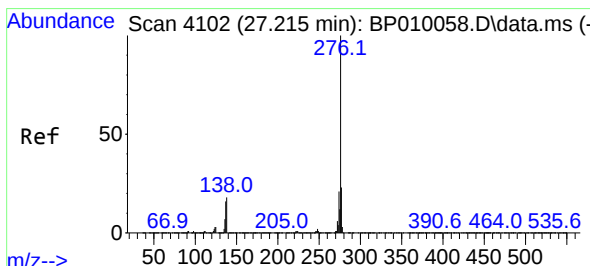
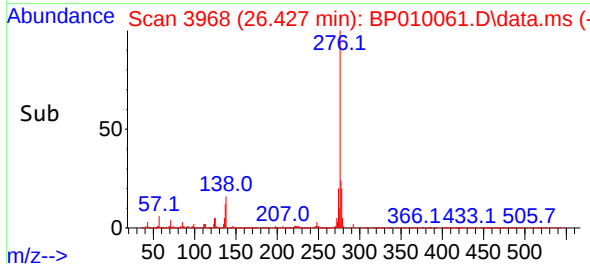
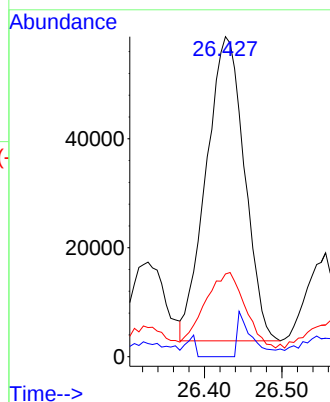
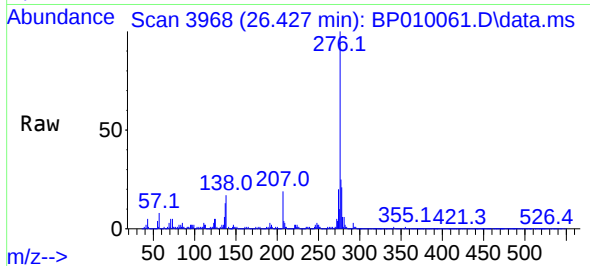
BFFD8DL

Tgt Ion:278 Resp: 191779
Ion Ratio Lower Upper
278 100
139 0.0 6.6 10.0
279 25.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#96
Benzo(g,h,i)perylene
Concen: 15.809 ng/ul
RT: 27.209 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BP010061.D
Acq: 22 Apr 2022 18:53

Tgt Ion:276 Resp: 765709
Ion Ratio Lower Upper
276 100
138 17.3 11.6 17.4
277 24.9 15.9 23.9

