

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010049.D
 Acq On : 22 Apr 2022 11:15
 Operator : CG/JU
 Sample : N2373-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE2

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 23:26:23 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	104602	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	481156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	317334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	633522	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	450091	20.000	ng/ul	# 0.00
88) Perylene-d12	23.862	264	374264	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7106m	2.962	ng/uL	0.00
4) Pyridine-d5	3.805	84	18607m	2.757	ng/ul	0.02
7) Phenol-d5	7.099	99	181574	19.084	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	106714	18.692	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	138171	19.609	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	168236	21.342	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	73615	19.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	81903	19.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	178620	21.953	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	181263	15.537	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	681596	27.612	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	728540	24.386	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	76326	16.795	ng/ul	0.00
60) Fluorene-d10	15.563	176	609999	28.727	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	77521	19.352	ng/ul	0.00
73) Anthracene-d10	17.422	188	1046234	34.136	ng/ul	0.00
81) Pyrene-d10	19.651	212	1194066	46.649	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	750013	38.225	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.292	152	50417	1.704	ng/ul	95
72) Phenanthrene	17.363	178	431013	12.517	ng/ul	99
74) Anthracene	17.457	178	64966	1.873	ng/ul	98
77) Carbazole	17.722	167	34749	1.132	ng/ul#	95
80) Fluoranthene	19.327	202	961018	33.286	ng/ul#	96
82) Pyrene	19.680	202	1010733	33.979	ng/ul#	94
85) Benzo(a)anthracene	21.386	228	382794	13.401	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.310	149	76810	4.215	ng/ul#	80
87) Chrysene	21.445	228	548590	19.505	ng/ul	98
90) Benzo(b)fluoranthene	23.110	252	659303	26.203	ng/ul#	95
91) Benzo(k)fluoranthene	23.157	252	186302m	7.817	ng/ul	
93) Benzo(a)pyrene	23.751	252	368867	15.853	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	339231	14.656	ng/ul	95
95) Dibenzo(a,h)anthracene	26.427	278	77373	3.907	ng/ul#	91
96) Benzo(g,h,i)perylene	27.203	276	321256	16.449	ng/ul#	86

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

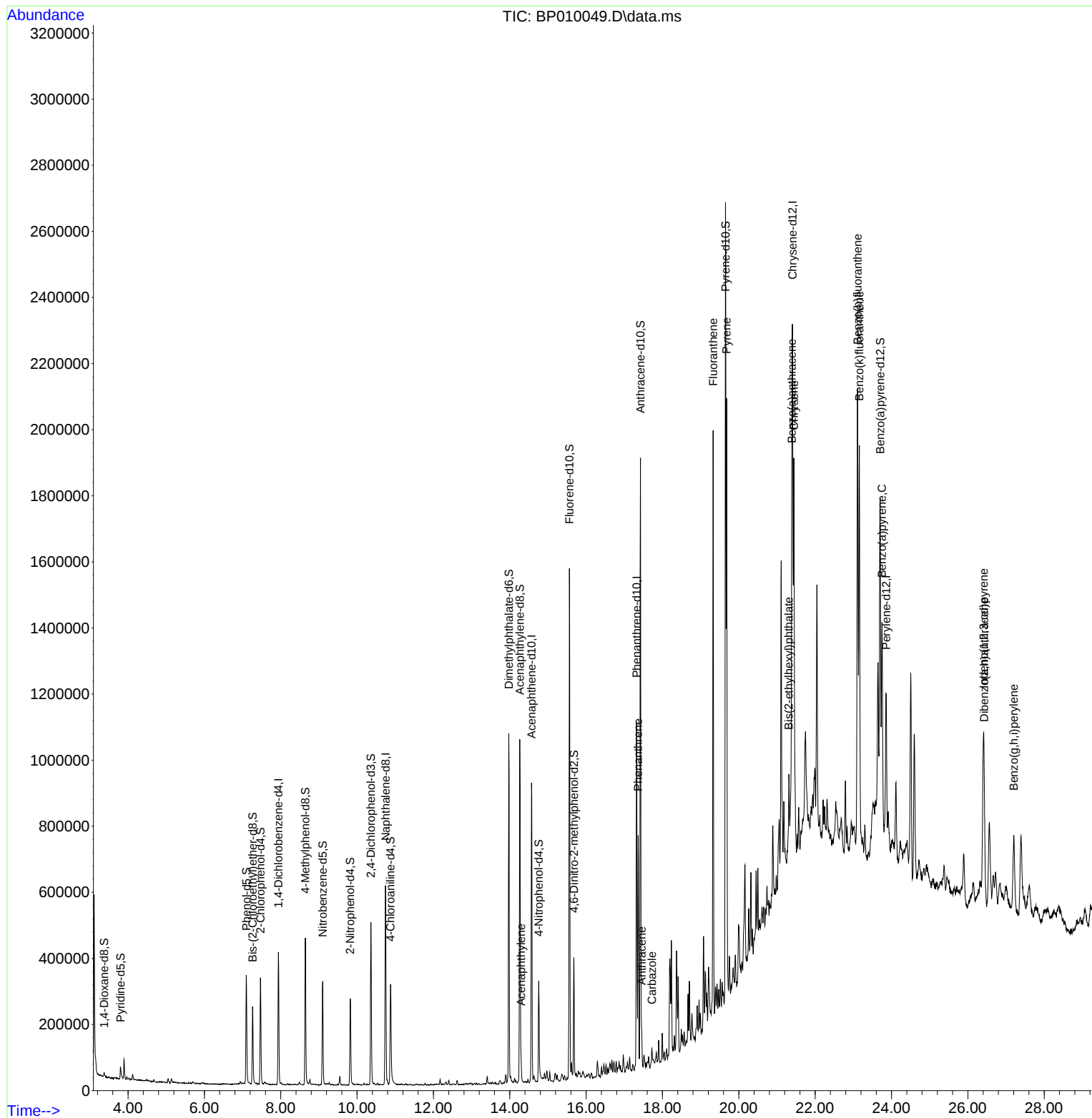
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
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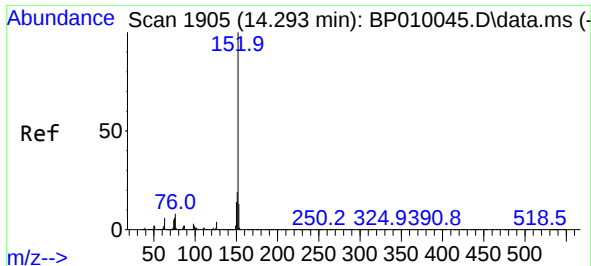
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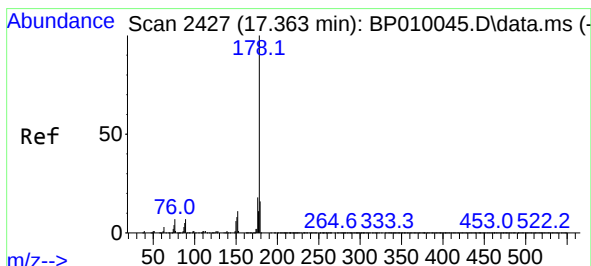
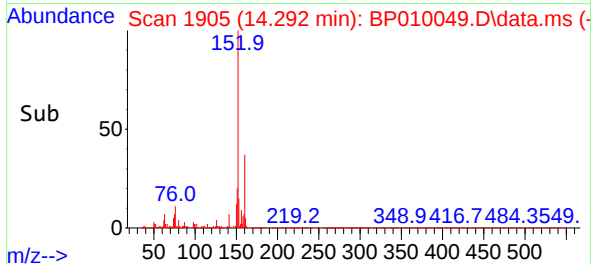
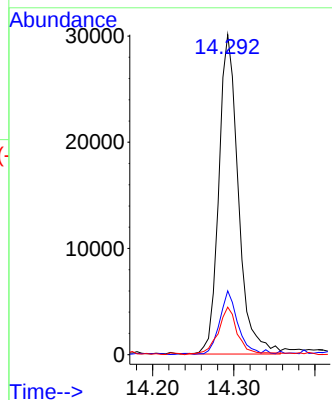
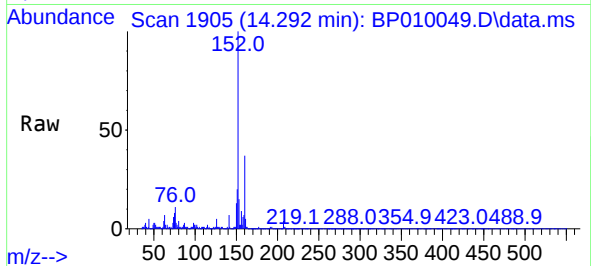
#50
Acenaphthylene
Concen: 1.704 ng/ul
RT: 14.292 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

Instrument :
BNA_P
ClientSampleId :
BFFE2

Tgt Ion:152 Resp: 5041
Ion Ratio Lower Upper
152 100
151 20.0 18.3 27.5
153 14.8 11.0 16.6

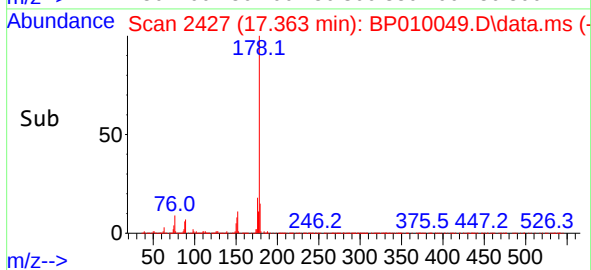
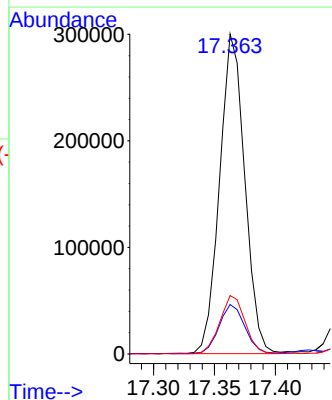
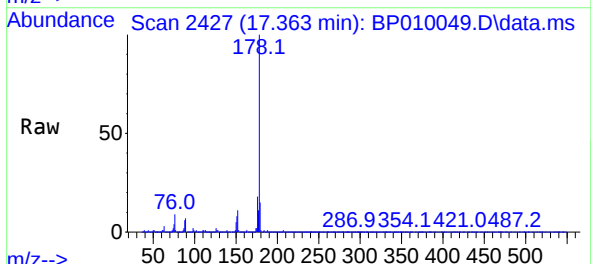
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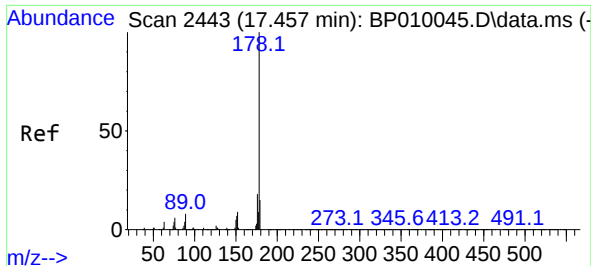
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#72
Phenanthrene
Concen: 12.517 ng/ul
RT: 17.363 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

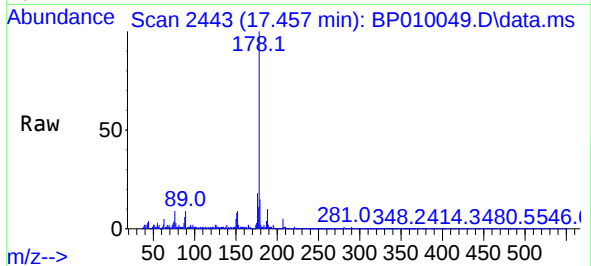
Tgt Ion:178 Resp: 431013
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 18.3 14.5 21.7





#74
 Anthracene
 Concen: 1.873 ng/ul
 RT: 17.457 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BP010049.D
 Acq: 22 Apr 2022 11:15

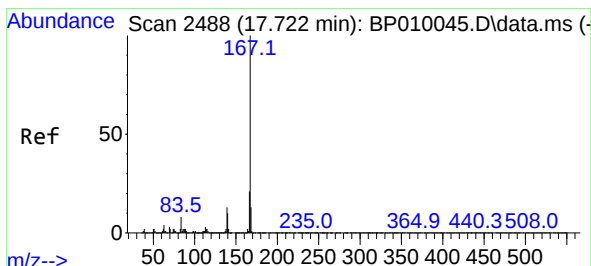
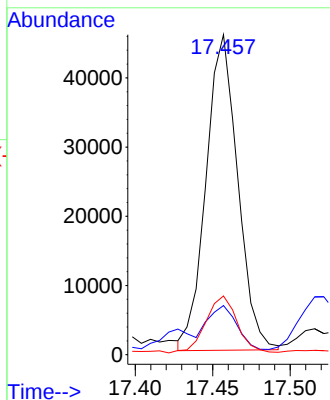
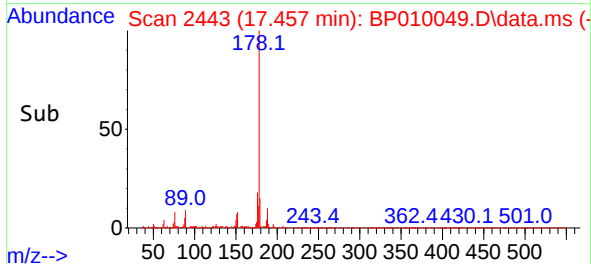
Instrument :
 BNA_P
 ClientSampleId :
 BFFE2



Tgt Ion:178 Resp: 64960
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 18.3 13.4 20.2

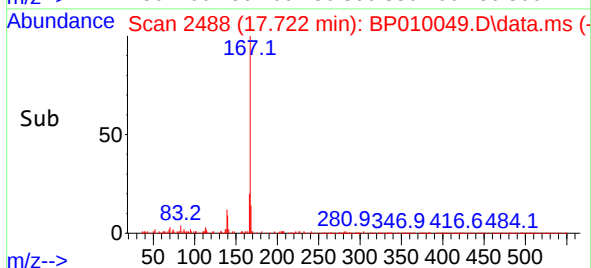
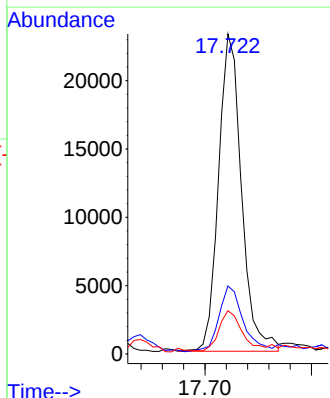
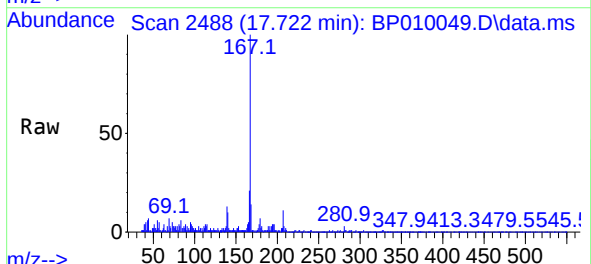
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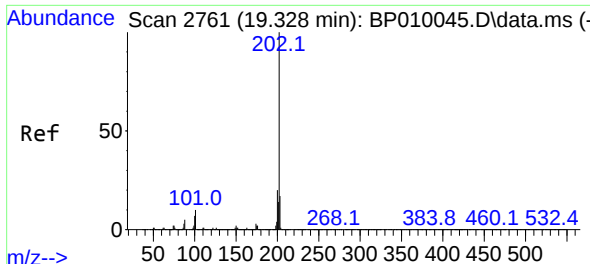
Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022



#77
 Carbazole
 Concen: 1.132 ng/ul
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP010049.D
 Acq: 22 Apr 2022 11:15

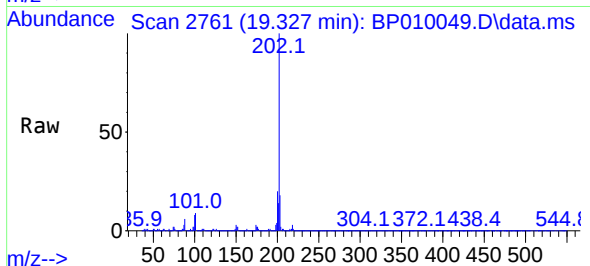
Tgt Ion:167 Resp: 34749
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.8 23.8
 139 13.5 8.3 12.5





#80
Fluoranthene
Concen: 33.286 ng/u1
RT: 19.327 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

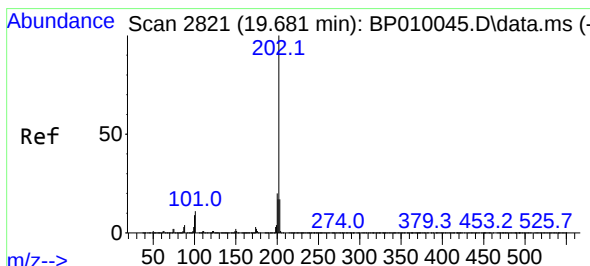
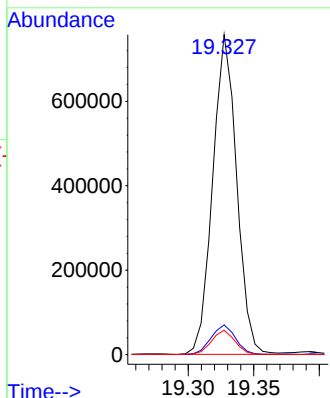
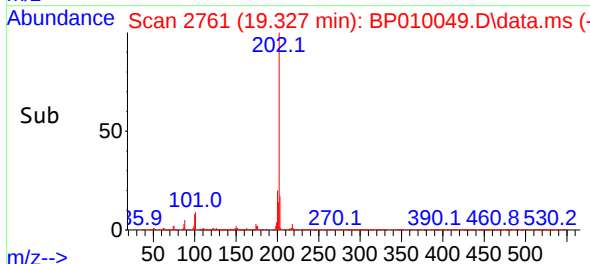
Instrument :
BNA_P
ClientSampleId :
BFFE2



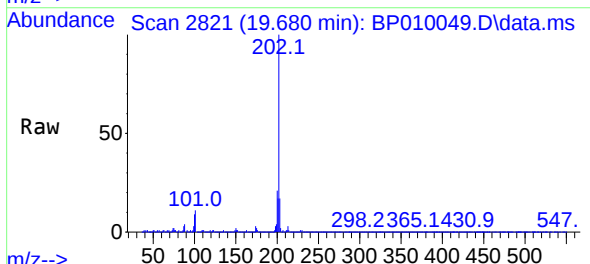
Tgt Ion:202 Resp: 961018
Ion Ratio Lower Upper
202 100
101 9.3 9.6 14.4
100 7.7 6.3 9.5

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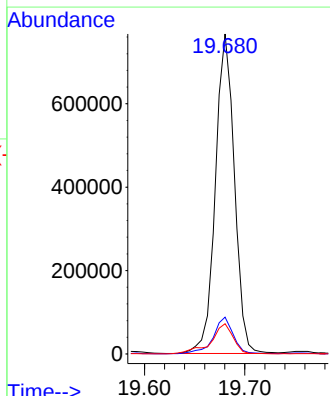
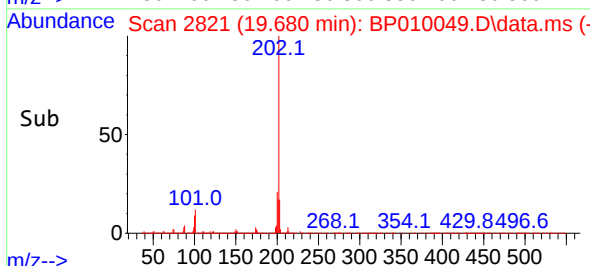
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

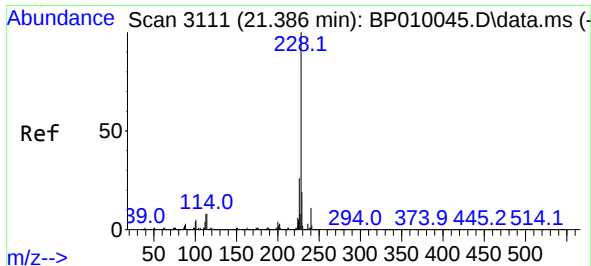


#82
Pyrene
Concen: 33.979 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15



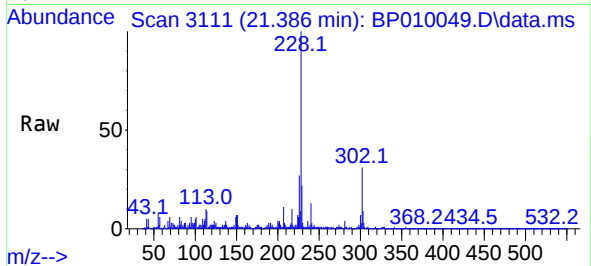
Tgt Ion:202 Resp: 1010733
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 9.4 9.8 14.6





#85
Benzo(a)anthracene
Concen: 13.401 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

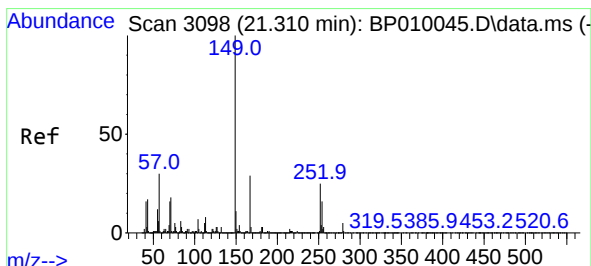
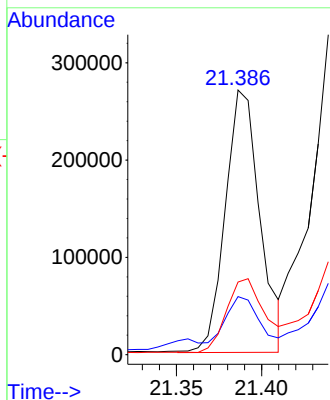
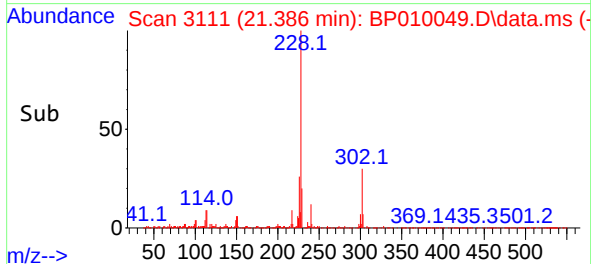
Instrument :
BNA_P
ClientSampleId :
BFFE2



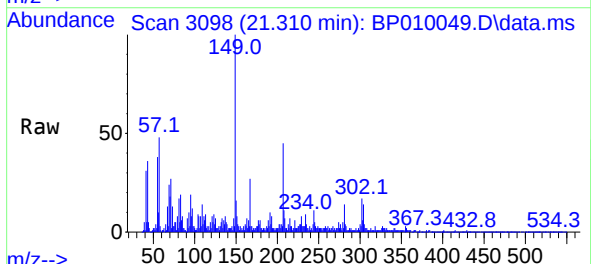
Tgt Ion:228 Resp: 382794
Ion Ratio Lower Upper
228 100
229 22.0 18.2 27.2
226 27.5 22.8 34.2

Manual Integrations
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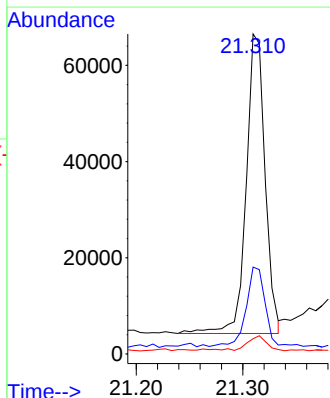
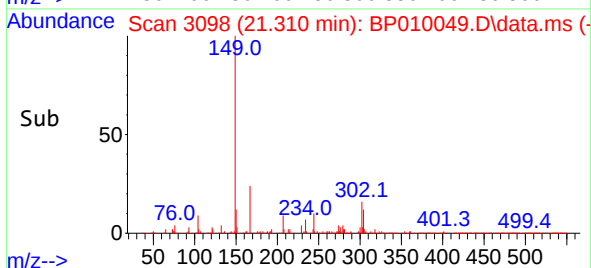
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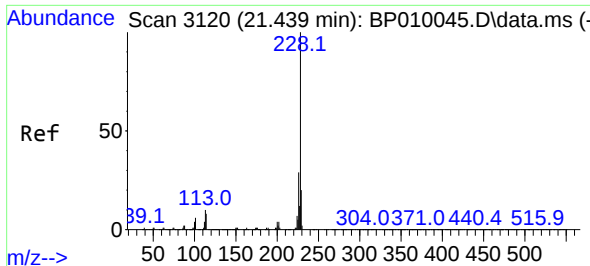


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.215 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15



Tgt Ion:149 Resp: 76810
Ion Ratio Lower Upper
149 100
167 27.2 32.8 49.2#
279 4.7 5.6 8.4#





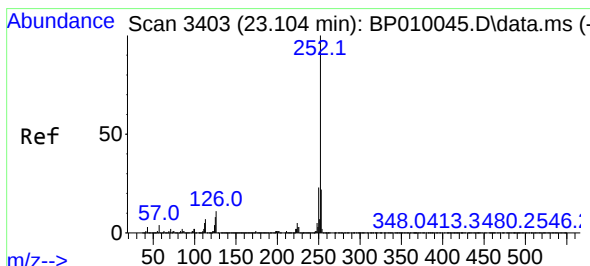
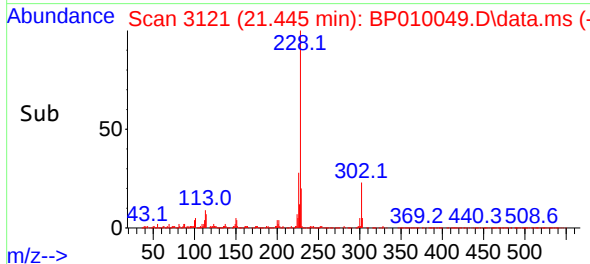
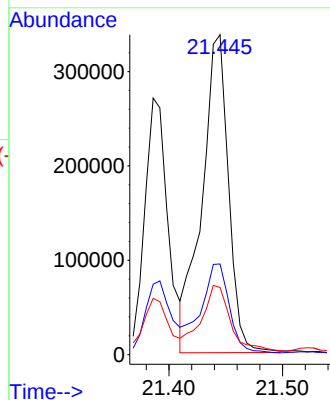
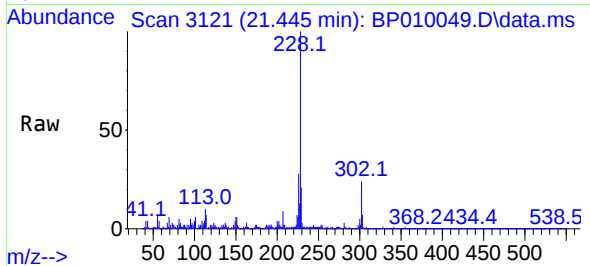
#87
Chrysene
Concen: 19.505 ng/u1
RT: 21.445 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

Instrument :
BNA_P
ClientSampleId :
BFFE2

Tgt Ion:228 Resp: 548590
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.0 15.2 22.8

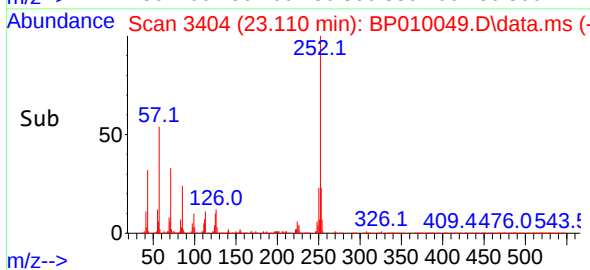
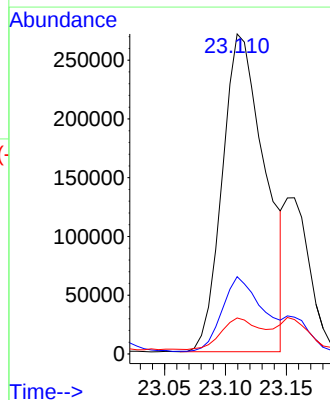
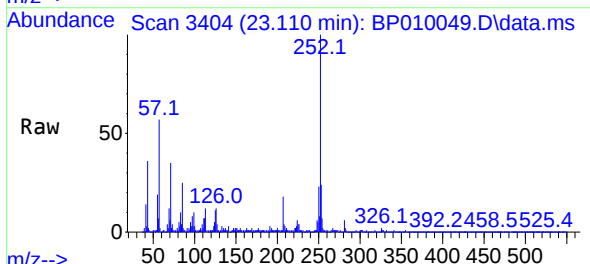
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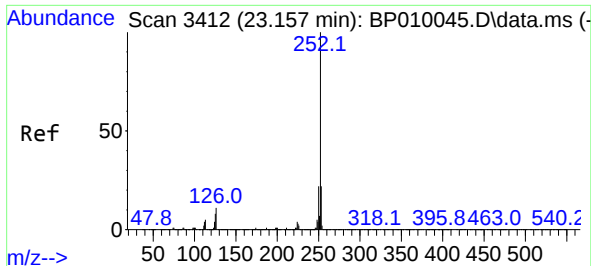
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#90
Benzo(b)fluoranthene
Concen: 26.203 ng/u1
RT: 23.110 min Scan# 3404
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

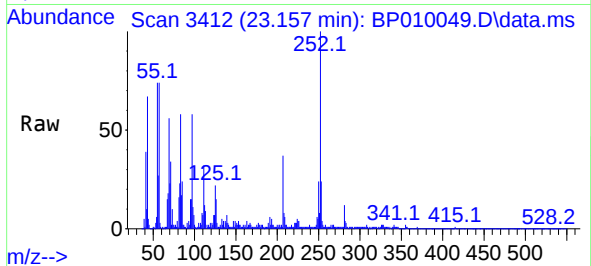
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Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 11.3 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 7.817 ng/ul m
RT: 23.157 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

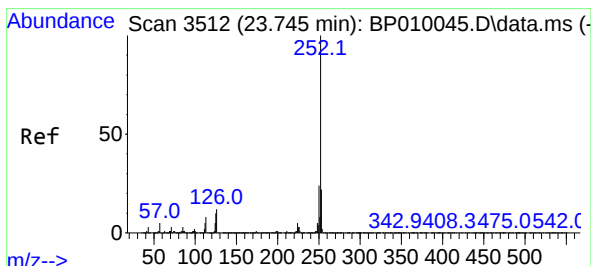
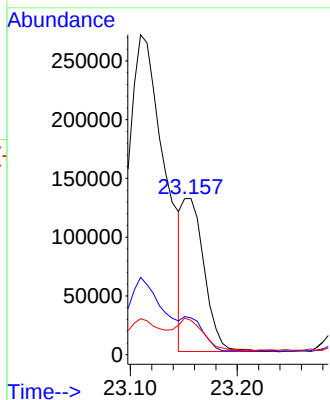
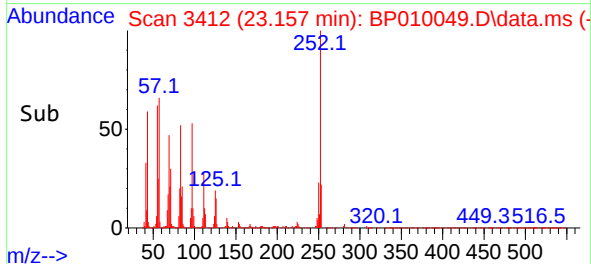
Instrument :
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ClientSampleId :
BFFE2



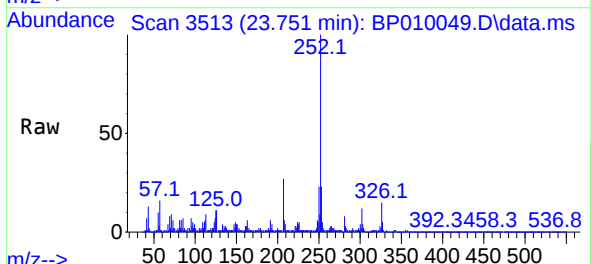
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Ion Ratio Lower Upper
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253 23.6 17.9 26.9
125 22.0 5.1 7.7

Manual Integrations
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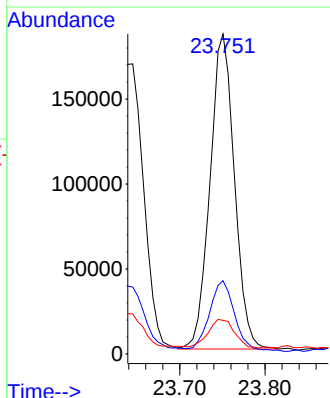
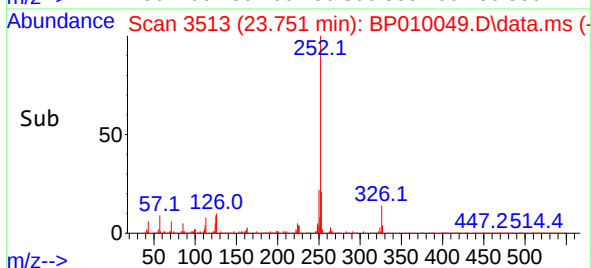
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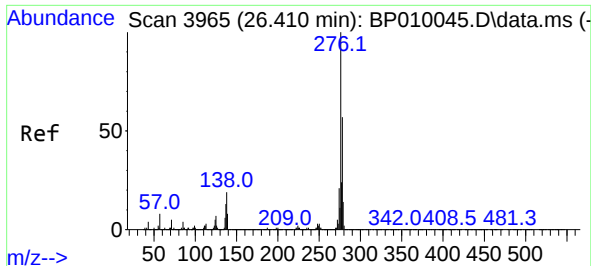


#93
Benzo(a)pyrene
Concen: 15.853 ng/ul
RT: 23.751 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15



Tgt Ion:252 Resp: 368867
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.5 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 14.656 ng/ul
RT: 26.415 min Scan# 3965
Delta R.T. -0.012 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

Instrument :

BNA_P

ClientSampleId :

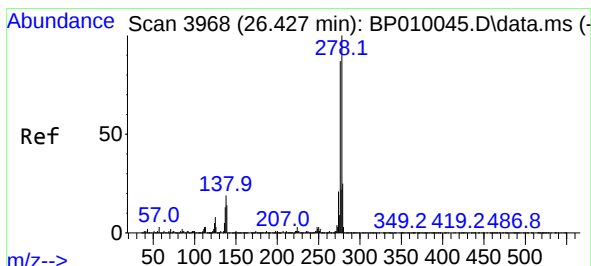
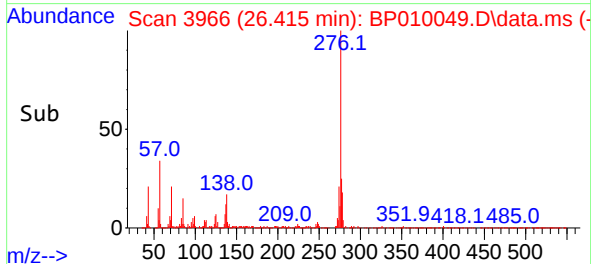
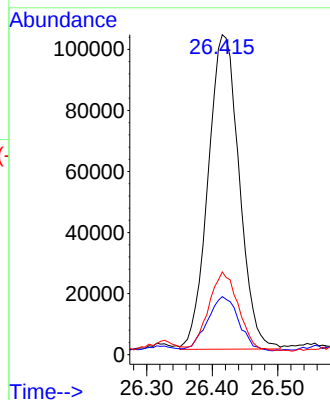
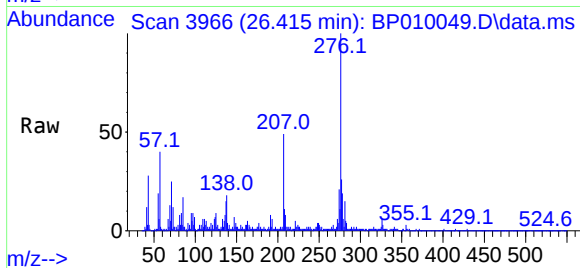
BFFE2

Tgt Ion:276 Resp: 33923
Ion Ratio Lower Upper
276 100
138 18.1 12.3 18.5
277 25.9 19.3 28.9

Manual Integrations

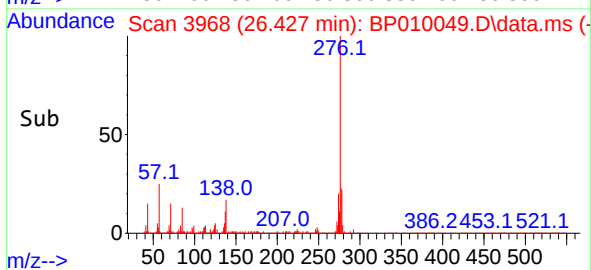
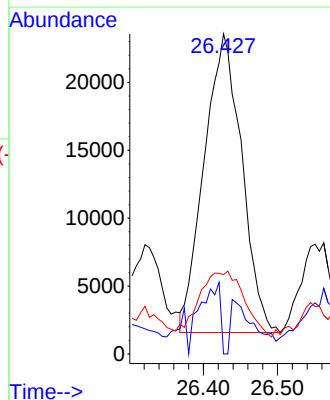
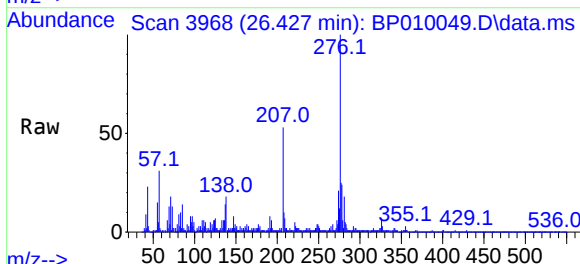
APPROVED

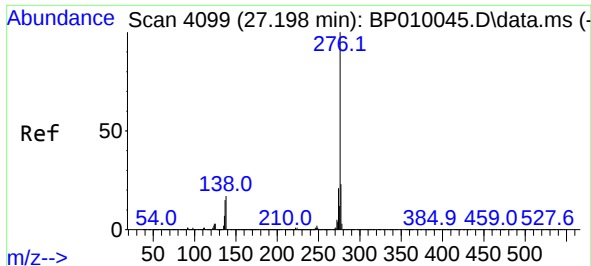
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#95
Dibenzo(a,h)anthracene
Concen: 3.907 ng/ul
RT: 26.427 min Scan# 3968
Delta R.T. -0.012 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

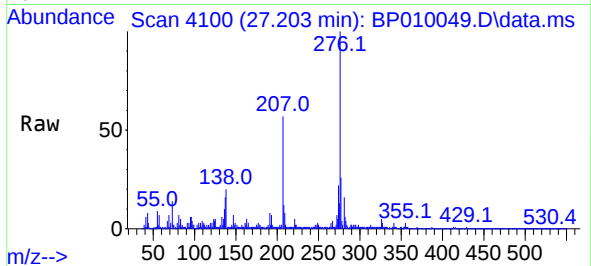
Tgt Ion:278 Resp: 77373
Ion Ratio Lower Upper
278 100
139 0.0 6.6 10.0#
279 24.8 18.4 27.6





#96
Benzo(g,h,i)perylene
Concen: 16.449 ng/ul
RT: 27.203 min Scan# 4100
Delta R.T. -0.006 min
Lab File: BP010049.D
Acq: 22 Apr 2022 11:15

Instrument :
BNA_P
ClientSampleId :
BFFE2



Tgt Ion:276 Resp: 321250
Ion Ratio Lower Upper
276 100
138 20.5 11.6 17.4
277 26.0 15.9 23.9

Manual Integrations
APPROVED

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

