

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010047.D
 Acq On : 22 Apr 2022 10:08
 Operator : CG/JU
 Sample : N2373-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFD8

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 23:25:45 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	149637	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.746	136	668734	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	440206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	926780	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	881873	20.000	ng/ul	# 0.00
88) Perylene-d12	23.863	264	774099	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	9268	2.701	ng/uL	0.00
4) Pyridine-d5	3.793	84	67773	7.021	ng/ul	0.00
7) Phenol-d5	7.099	99	196999	14.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	127379	15.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	160373	15.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	159796	14.170	ng/ul	-0.01
21) Nitrobenzene-d5	9.099	128	79727	14.990	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	87456	15.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	170367	15.066	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	82375m	5.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	565122	16.503	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	636041	15.347	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	65411	10.376	ng/ul	0.00
60) Fluorene-d10	15.563	176	506823	17.206	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	64529	11.011	ng/ul	0.00
73) Anthracene-d10	17.422	188	786908	17.551	ng/ul	0.00
81) Pyrene-d10	19.651	212	997320m	19.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	726065	17.891	ng/ul	0.00
Target Compounds						
50) Acenaphthylene	14.292	152	60881	1.483	ng/ul	Qvalue 98
52) Acenaphthene	14.634	153	35248	1.320	ng/ul	94
61) Fluorene	15.616	166	54750	1.687	ng/ul	94
72) Phenanthrene	17.369	178	2260765	44.880	ng/ul	99
74) Anthracene	17.457	178	229537	4.524	ng/ul	96
77) Carbazole	17.722	167	290052	6.460	ng/ul#	96
80) Fluoranthene	19.333	202	6333009m	111.953	ng/ul	
82) Pyrene	19.686	202	5172959	88.759	ng/ul#	93
83) Butylbenzylphthalate	20.545	149	114209m	4.741	ng/ul	
85) Benzo(a)anthracene	21.392	228	2119743	37.875	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.310	149	112444	3.149	ng/ul#	81
87) Chrysene	21.445	228	2989428	54.248	ng/ul	96
90) Benzo(b)fluoranthene	23.121	252	3737283	71.814	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1045009m	21.199	ng/ul	
93) Benzo(a)pyrene	23.757	252	1981392	41.172	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1610300	33.637	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	361540	8.826	ng/ul#	89
96) Benzo(g,h,i)perylene	27.221	276	1454068	35.996	ng/ul	93

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

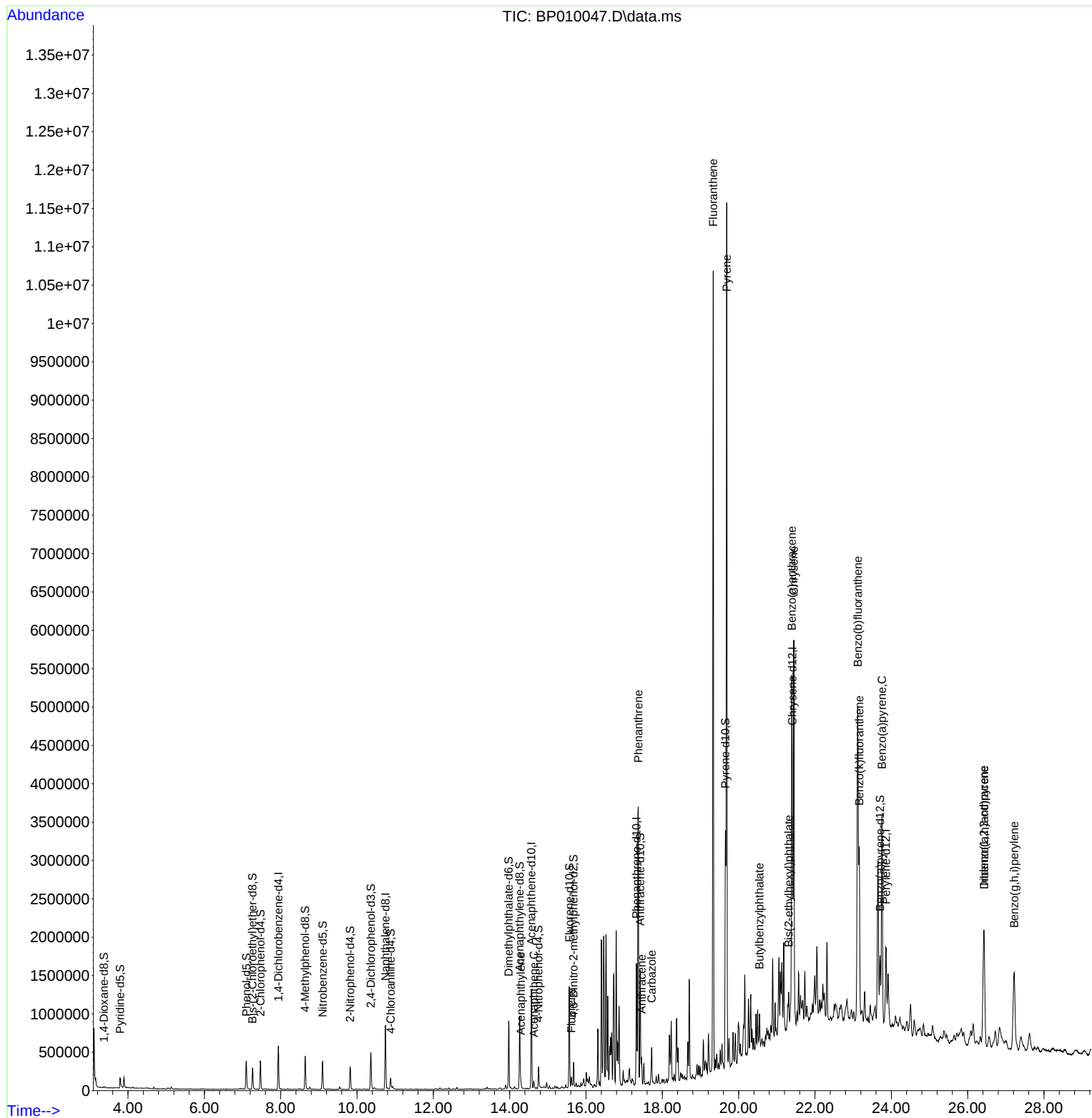
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010047.D
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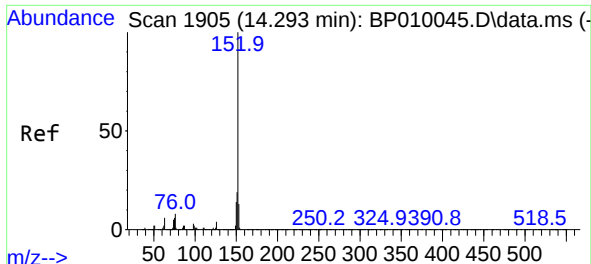
Instrument :
BNA_P
ClientSampleId :
BFFD8

Quant Time: Apr 22 23:25:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
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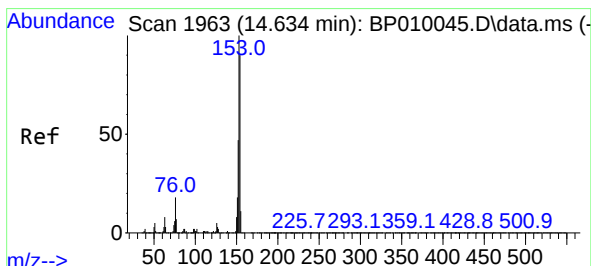
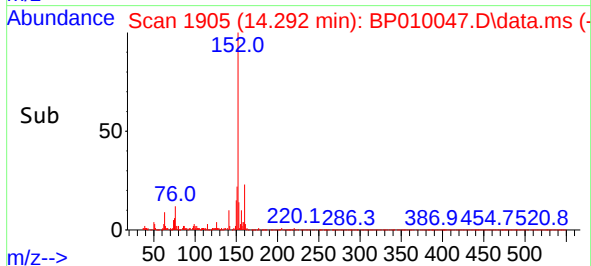
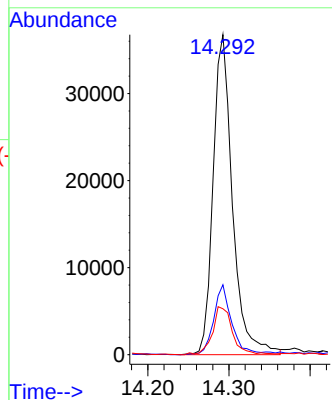
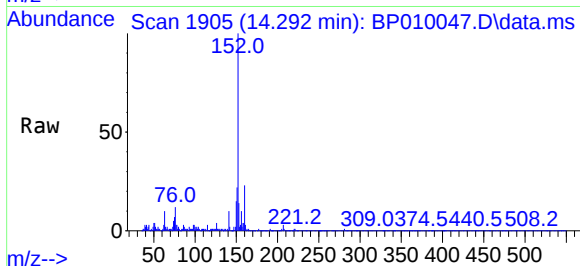
#50
Acenaphthylene
Concen: 1.483 ng/u1
RT: 14.292 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

Instrument :
BNA_P
ClientSampleId :
BFFD8

Tgt Ion:152 Resp: 6088
Ion Ratio Lower Upper
152 100
151 21.9 18.3 27.5
153 14.4 11.0 16.6

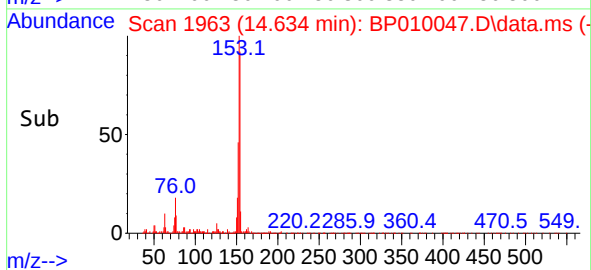
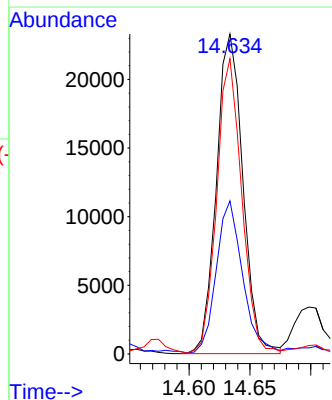
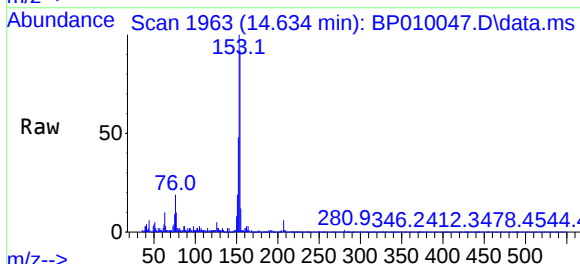
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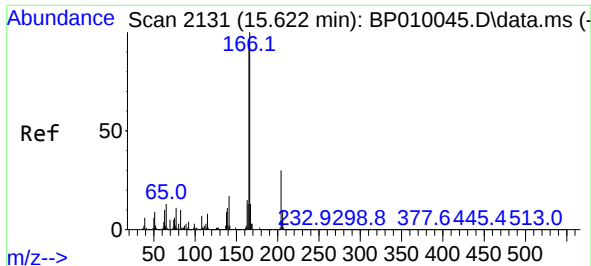
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#52
Acenaphthene
Concen: 1.320 ng/u1
RT: 14.634 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

Tgt Ion:153 Resp: 35248
Ion Ratio Lower Upper
153 100
152 47.9 34.3 51.5
154 92.2 70.0 105.0





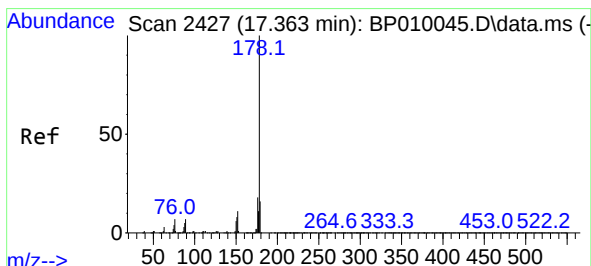
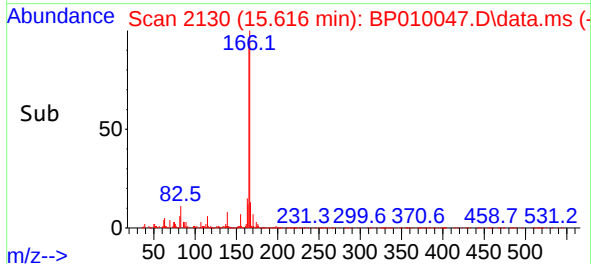
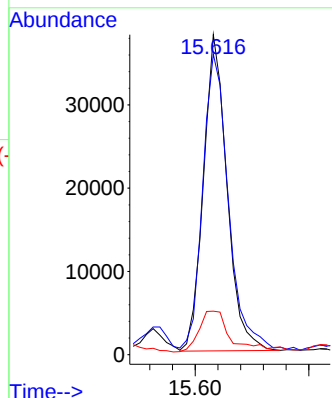
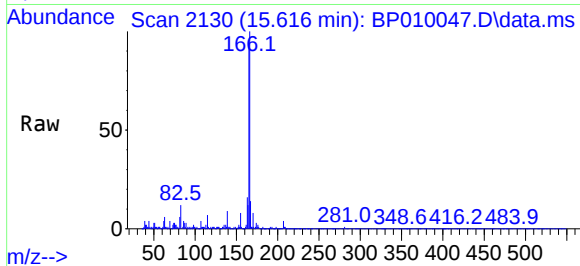
#61
Fluorene
Concen: 1.687 ng/ul
RT: 15.616 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

Instrument :
BNA_P
ClientSampleId :
BFFD8

Tgt Ion:166 Resp: 54750
Ion Ratio Lower Upper
166 100
165 93.9 70.3 105.5
167 13.6 9.5 14.3

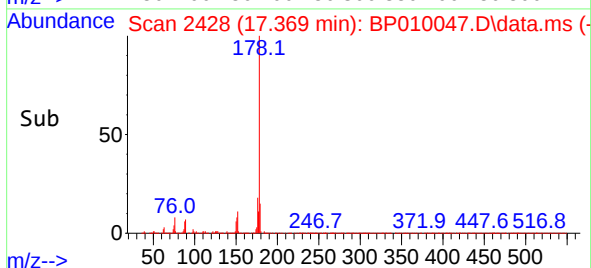
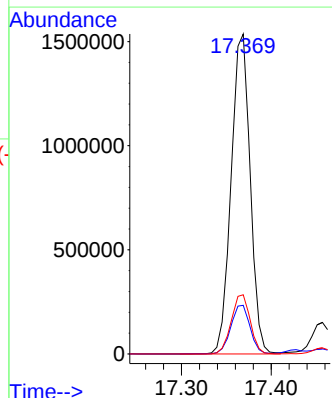
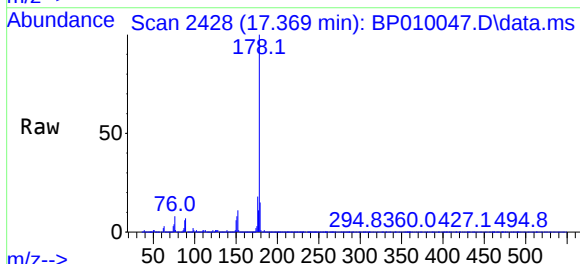
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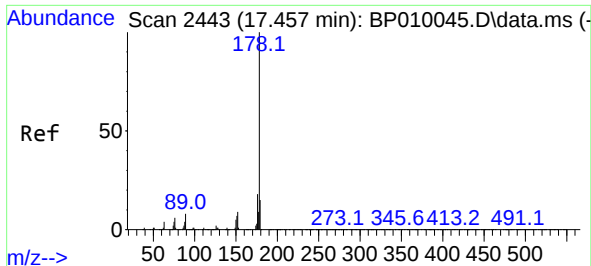
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#72
Phenanthrene
Concen: 44.880 ng/ul
RT: 17.369 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

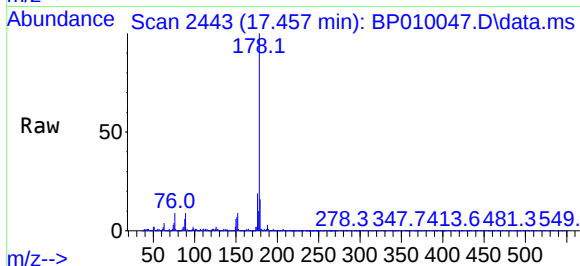
Tgt Ion:178 Resp: 2260765
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.5 14.5 21.7





#74
 Anthracene
 Concen: 4.524 ng/ul
 RT: 17.457 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BP010047.D
 Acq: 22 Apr 2022 10:08

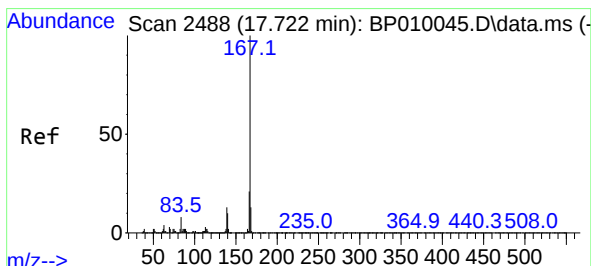
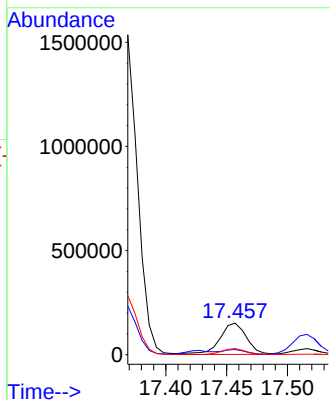
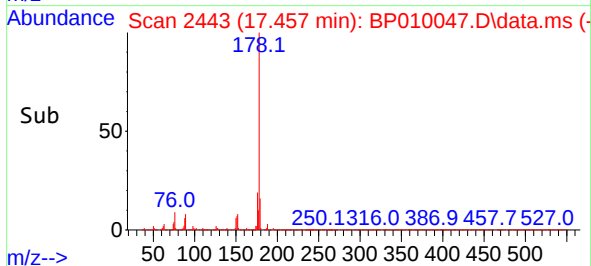
Instrument :
 BNA_P
 ClientSampleId :
 BFFD8



Tgt Ion:178 Resp: 22953
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 19.1 13.4 20.2

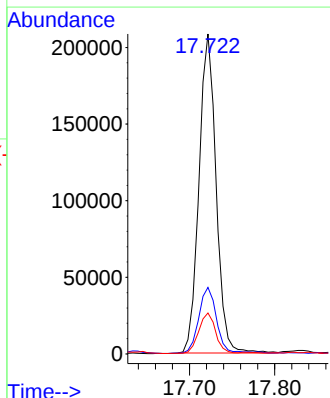
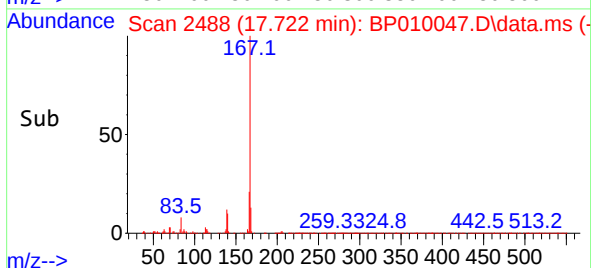
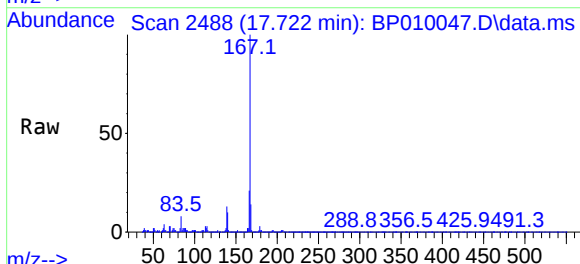
Manual Integrations
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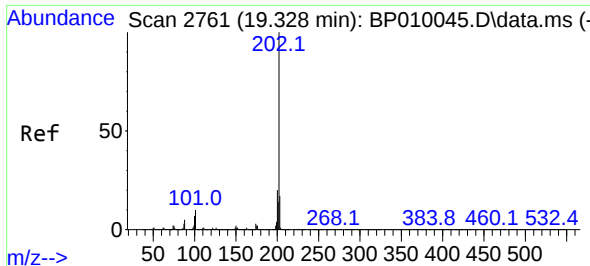
Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022



#77
 Carbazole
 Concen: 6.460 ng/ul
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP010047.D
 Acq: 22 Apr 2022 10:08

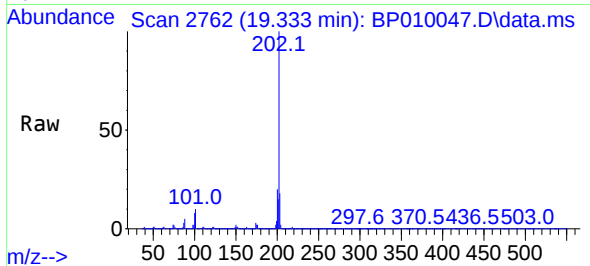
Tgt Ion:167 Resp: 290052
 Ion Ratio Lower Upper
 167 100
 166 20.8 15.8 23.8
 139 12.8 8.3 12.5#





#80
Fluoranthene
Concen: 111.953 ng/ul m
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

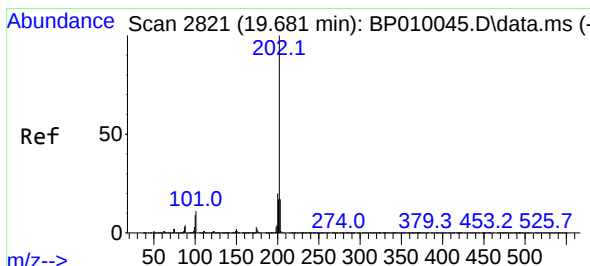
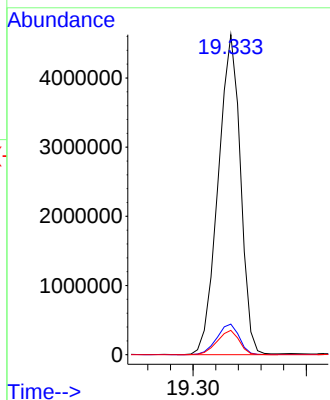
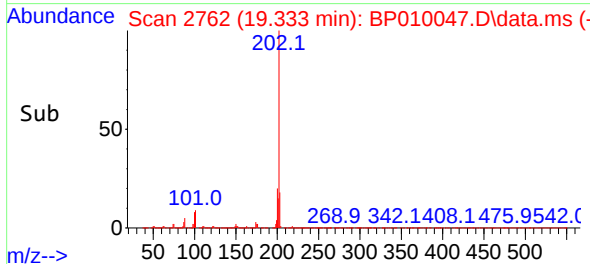
Instrument :
BNA_P
ClientSampleId :
BFFD8



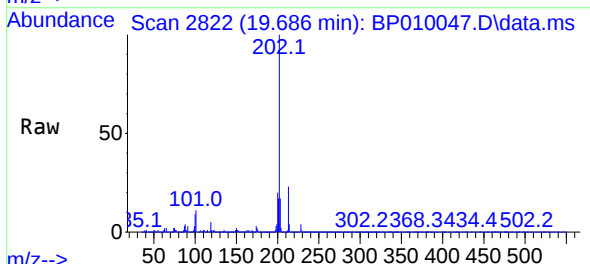
Tgt Ion:202 Resp: 6333009
Ion Ratio Lower Upper
202 100
101 9.5 9.6 14.4
100 7.6 6.3 9.5

Manual Integrations
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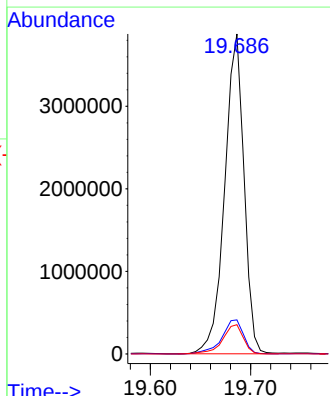
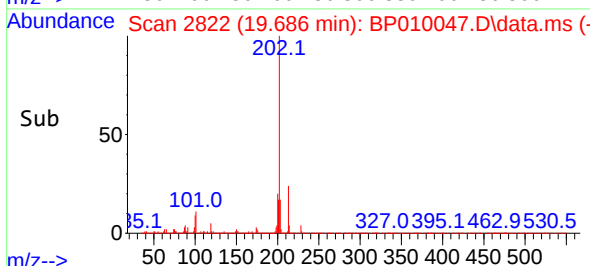
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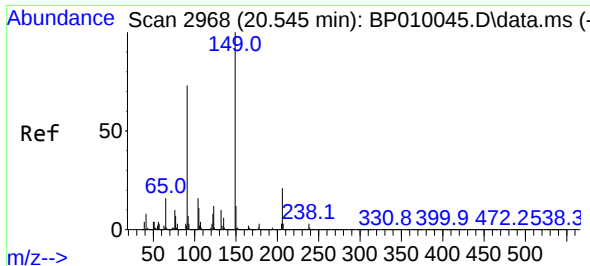


#82
Pyrene
Concen: 88.759 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08



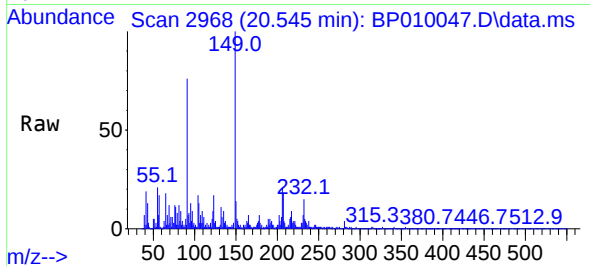
Tgt Ion:202 Resp: 5172959
Ion Ratio Lower Upper
202 100
101 10.6 10.6 15.8
100 9.1 9.8 14.6





#83
Butylbenzylphthalate
Concen: 4.741 ng/ul m
RT: 20.545 min Scan# 2968
Delta R.T. -0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

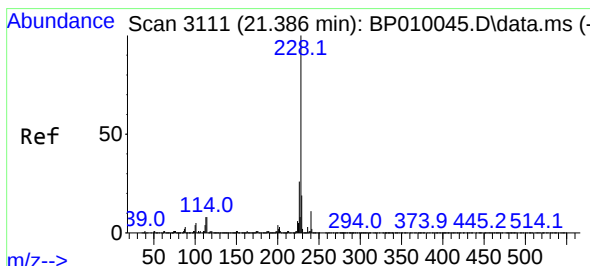
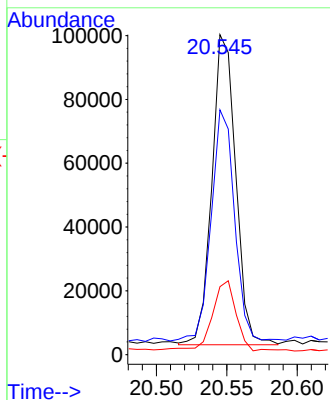
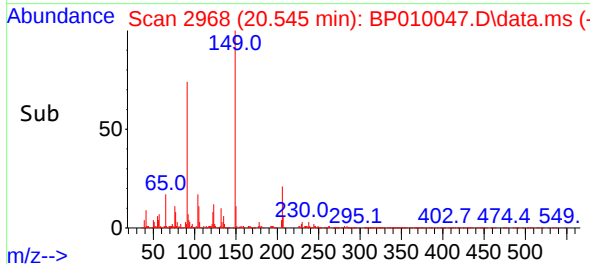
Instrument :
BNA_P
ClientSampleId :
BFFD8



Tgt Ion:149 Resp: 114209
Ion Ratio Lower Upper
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91 76.5 71.1 106.7
206 21.3 28.8 43.2

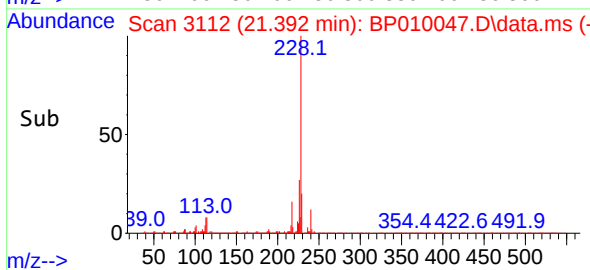
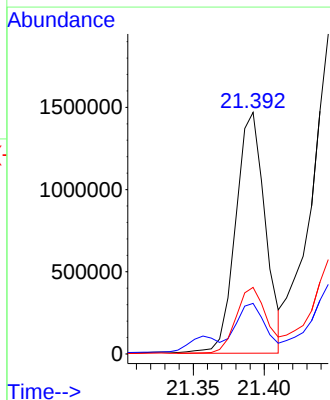
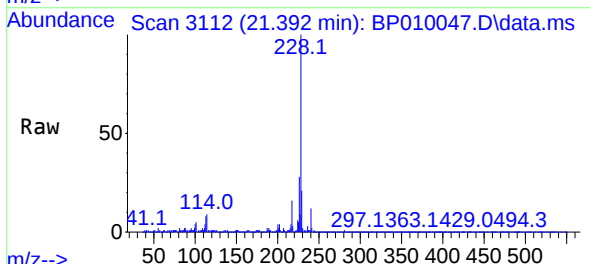
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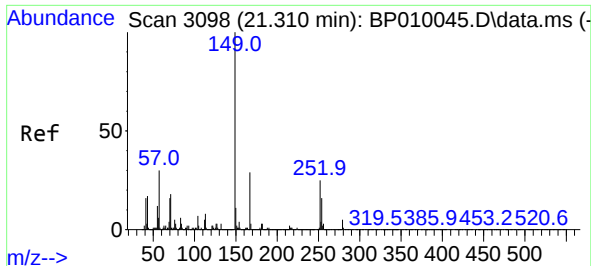
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#85
Benzo(a)anthracene
Concen: 37.875 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

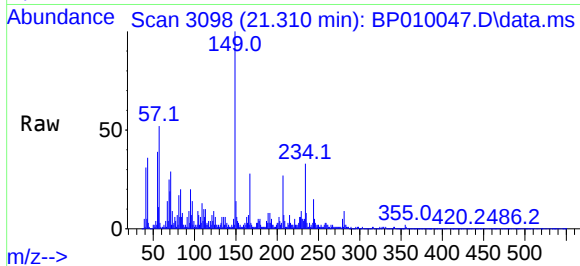
Tgt Ion:228 Resp: 2119743
Ion Ratio Lower Upper
228 100
229 21.0 18.2 27.2
226 27.5 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.149 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

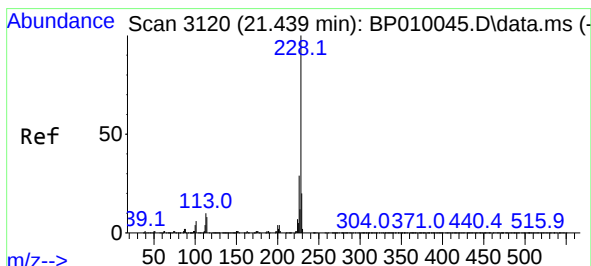
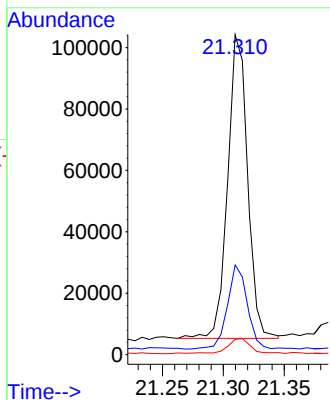
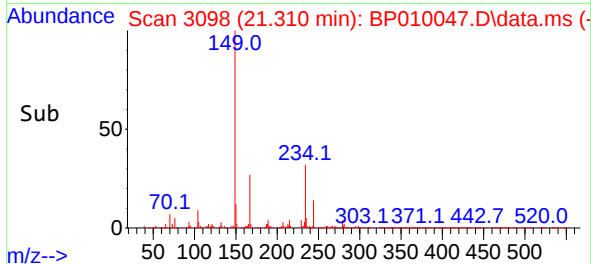
Instrument :
BNA_P
ClientSampleId :
BFFD8



Tgt Ion:149 Resp: 112444
Ion Ratio Lower Upper
149 100
167 28.0 32.8 49.2
279 4.8 5.6 8.4

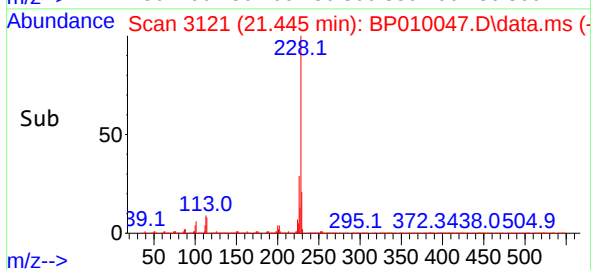
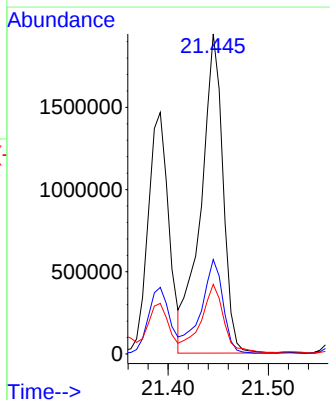
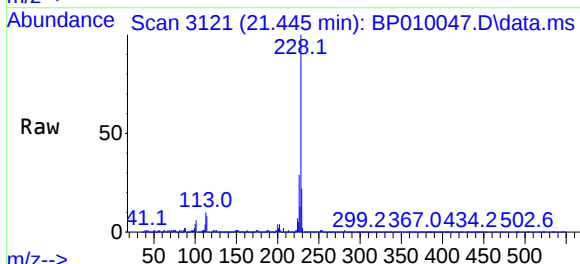
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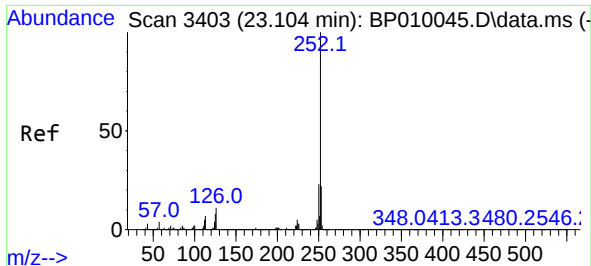
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#87
Chrysene
Concen: 54.248 ng/ul
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

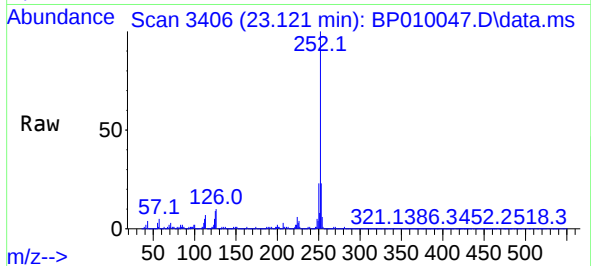
Tgt Ion:228 Resp: 2989428
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 21.7 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 71.814 ng/ul
RT: 23.121 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

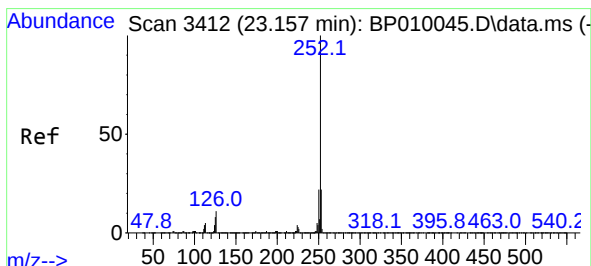
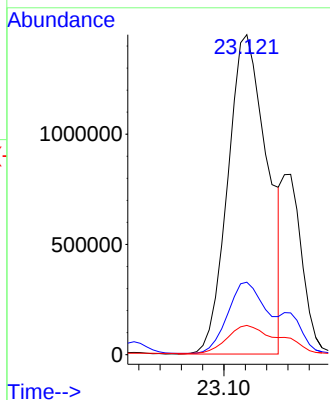
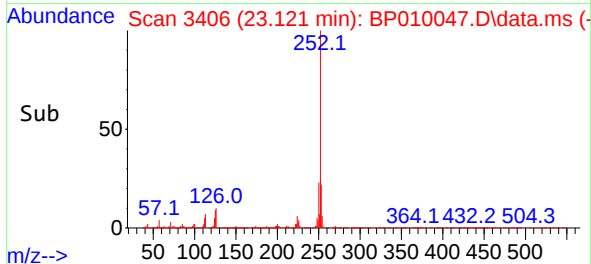
Instrument :
BNA_P
ClientSampleId :
BFFD8



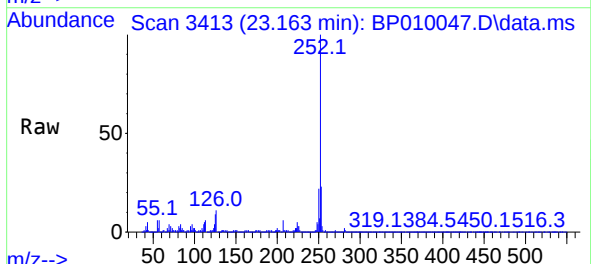
Tgt Ion:252 Resp: 373728
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.2 7.3 10.9

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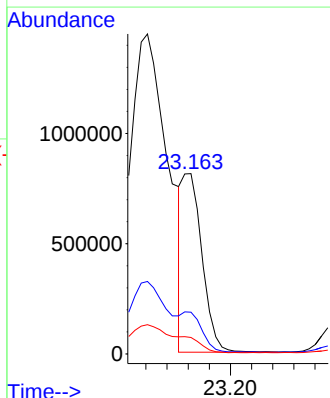
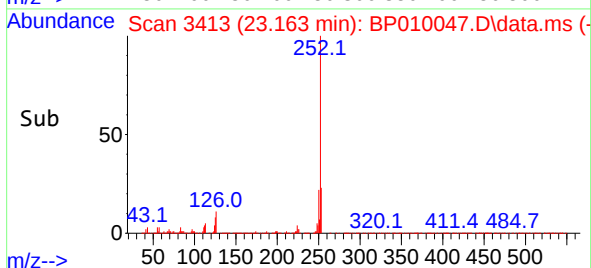
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

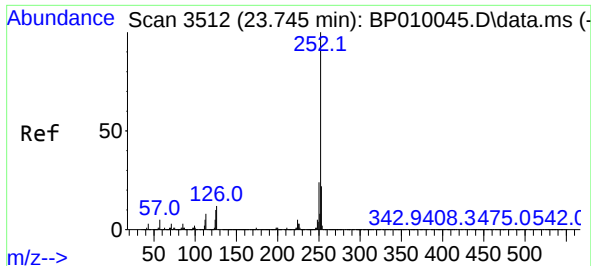


#91
Benzo(k)fluoranthene
Concen: 21.199 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08



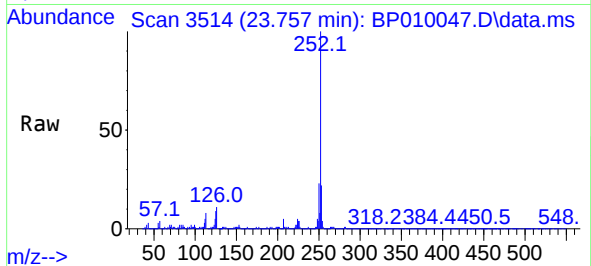
Tgt Ion:252 Resp: 1045009
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 9.1 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 41.172 ng/ul
RT: 23.757 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

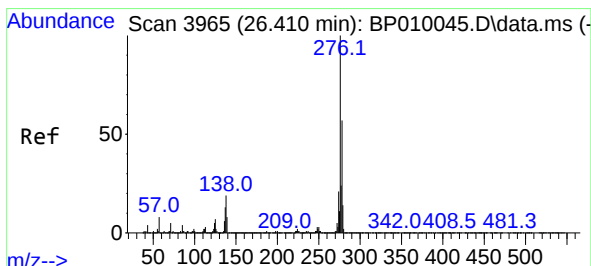
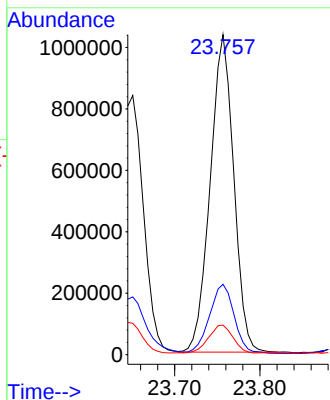
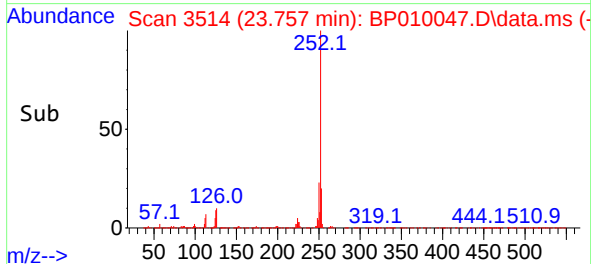
Instrument :
BNA_P
ClientSampleId :
BFFD8



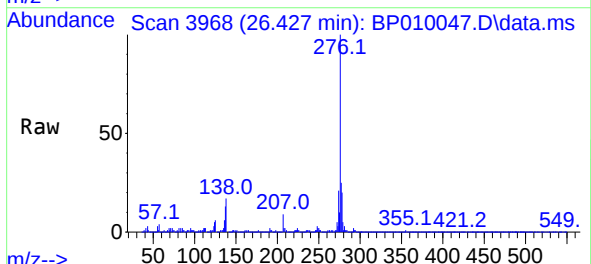
Tgt Ion:252 Resp: 1981392
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 6.4 9.6

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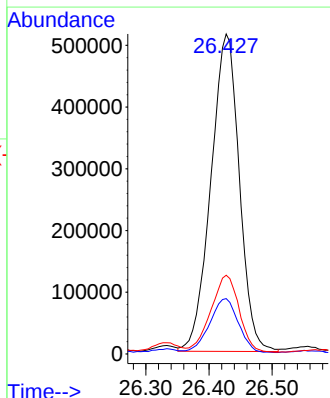
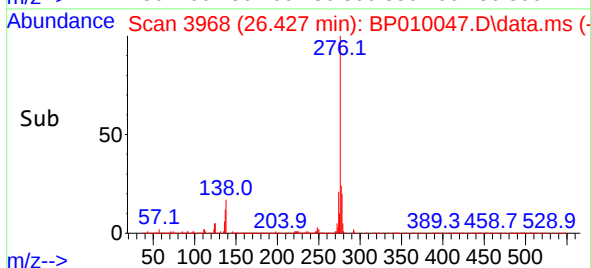
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

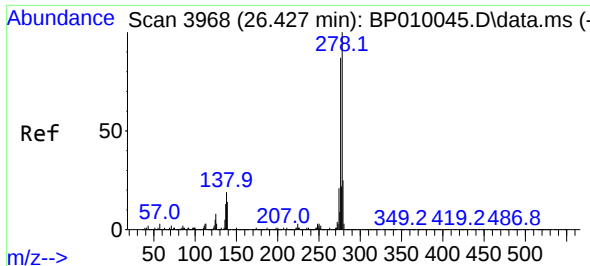


#94
Indeno(1,2,3-cd)pyrene
Concen: 33.637 ng/ul
RT: 26.427 min Scan# 3968
Delta R.T. 0.000 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08



Tgt Ion:276 Resp: 1610300
Ion Ratio Lower Upper
276 100
138 17.3 12.3 18.5
277 24.6 19.3 28.9





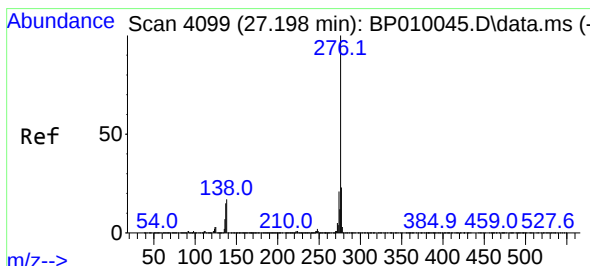
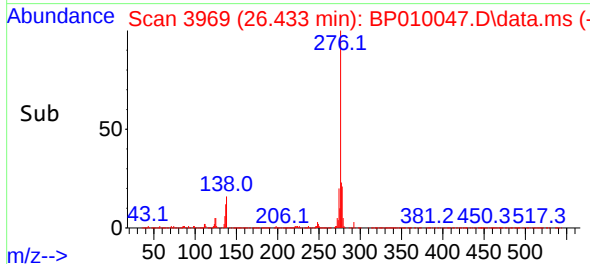
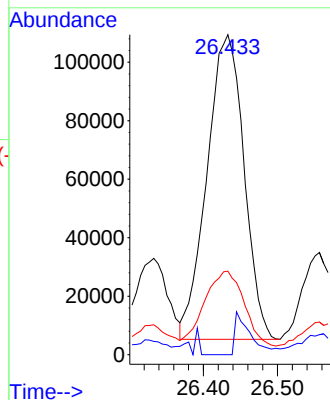
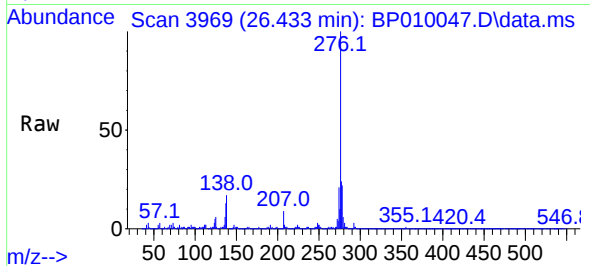
#95
Dibenzo(a,h)anthracene
Concen: 8.826 ng/ul
RT: 26.433 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

Instrument :
BNA_P
ClientSampleId :
BFFD8

Tgt Ion:278 Resp: 361540
Ion Ratio Lower Upper
278 100
139 0.0 6.6 10.0
279 26.1 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: 35.996 ng/ul
RT: 27.221 min Scan# 4103
Delta R.T. 0.012 min
Lab File: BP010047.D
Acq: 22 Apr 2022 10:08

Tgt Ion:276 Resp: 1454068
Ion Ratio Lower Upper
276 100
138 17.3 11.6 17.4
277 23.1 15.9 23.9

