

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010048.D
 Acq On : 22 Apr 2022 10:42
 Operator : CG/JU
 Sample : N2373-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE0

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 23:26:05 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	162739	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	728978	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	486546	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	971262	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	816109m	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	686346	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	12321m	3.301	ng/uL	0.00
4) Pyridine-d5	3.787	84	121712	11.593	ng/u1	0.00
7) Phenol-d5	7.099	99	341895	23.097	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	203653	22.928	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	275077	25.092	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	289077	23.570	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	144075	24.850	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	158726	25.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	301640	24.470	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	119669m	6.771	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	970603	25.645	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1143522	24.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	134349	19.282	ng/u1	0.00
60) Fluorene-d10	15.563	176	865467	26.583	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	111085	18.088	ng/u1	0.00
73) Anthracene-d10	17.422	188	1296173	27.585	ng/u1	0.00
81) Pyrene-d10	19.657	212	1472358	31.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1015070	28.210	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.292	152	80870	1.782	ng/u1	94
52) Acenaphthene	14.634	153	45814	1.553	ng/u1	97
61) Fluorene	15.616	166	77228	2.153	ng/u1#	88
72) Phenanthrene	17.369	178	2762907	52.337	ng/u1	99
74) Anthracene	17.457	178	294479	5.538	ng/u1	97
77) Carbazole	17.722	167	353074	7.504	ng/u1#	94
80) Fluoranthene	19.333	202	6840091	130.661	ng/u1	97
82) Pyrene	19.686	202	5544168	102.794	ng/u1#	94
83) Butylbenzylphthalate	20.551	149	27426m	1.230	ng/u1	
85) Benzo(a)anthracene	21.392	228	2283195	44.083	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.316	149	124438	3.766	ng/u1#	81
87) Chrysene	21.451	228	2992378	58.677	ng/u1	98
90) Benzo(b)fluoranthene	23.121	252	3638144	78.847	ng/u1	98
91) Benzo(k)fluoranthene	23.162	252	1219620m	27.904	ng/u1	
93) Benzo(a)pyrene	23.762	252	2062602	48.340	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	1705026	40.169	ng/u1	97
95) Dibenzo(a,h)anthracene	26.433	278	395046	10.877	ng/u1#	89
96) Benzo(g,h,i)perylene	27.221	276	1524604	42.568	ng/u1	93

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

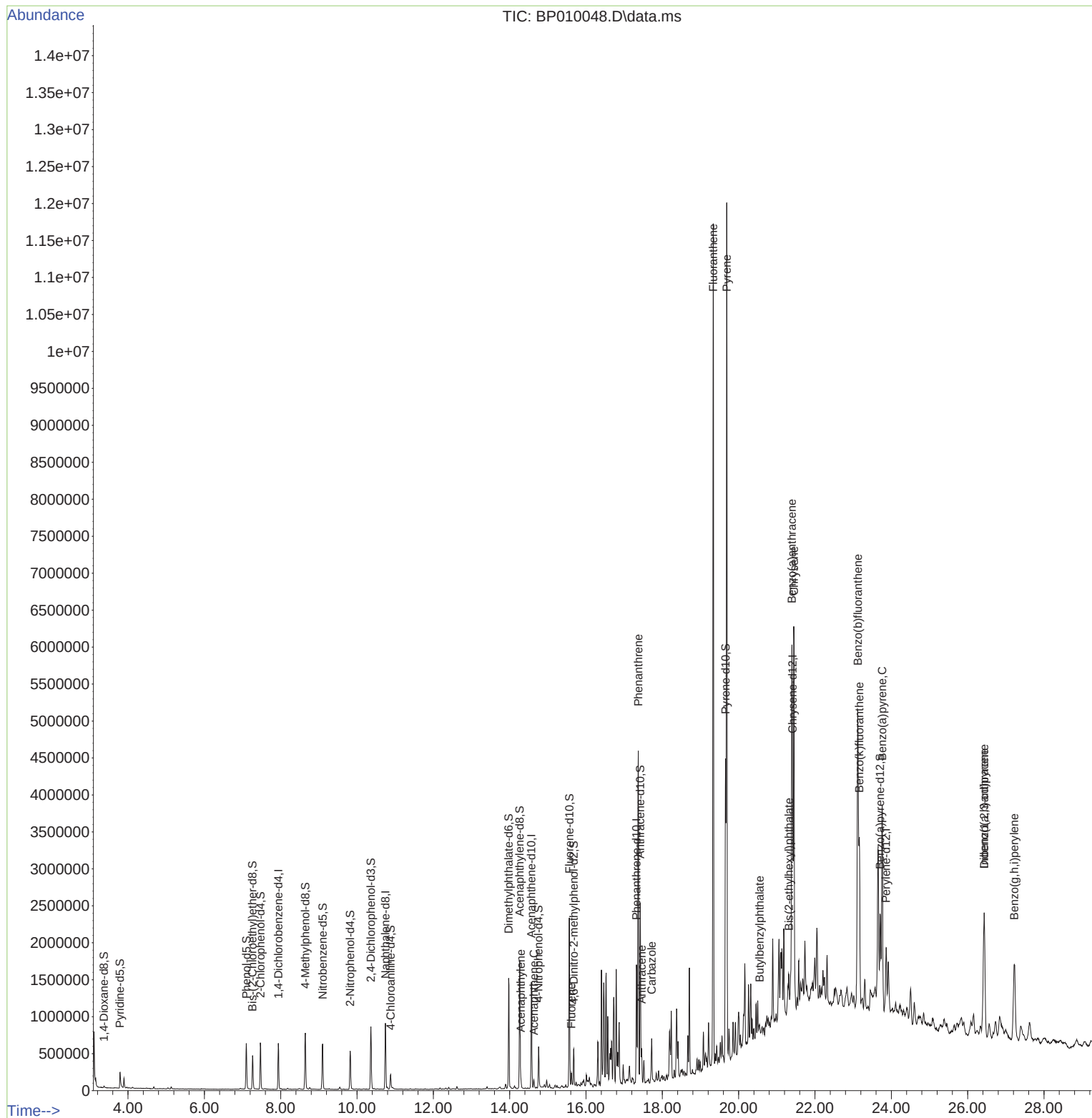
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010048.D
 Acq On : 22 Apr 2022 10:42
 Operator : CG/JU
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 ALS Vial : 44 Sample Multiplier: 1

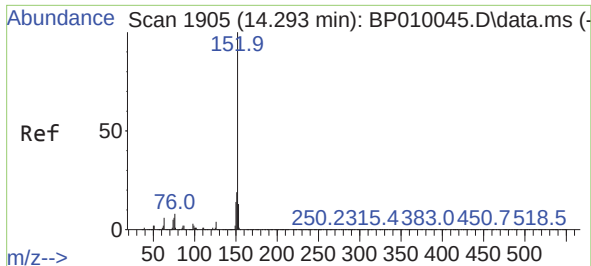
Instrument :
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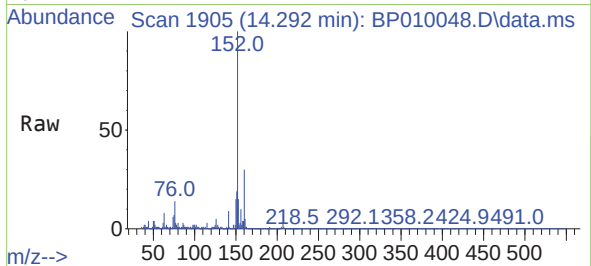
Quant Time: Apr 22 23:26:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
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#50
Acenaphthylene
Concen: 1.782 ng/ul
RT: 14.292 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

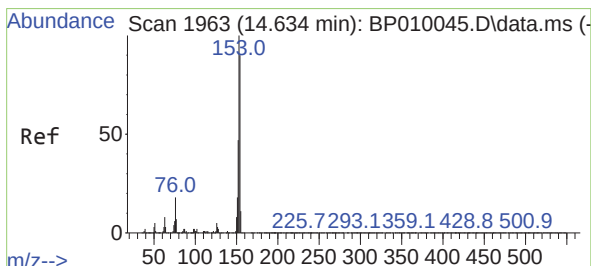
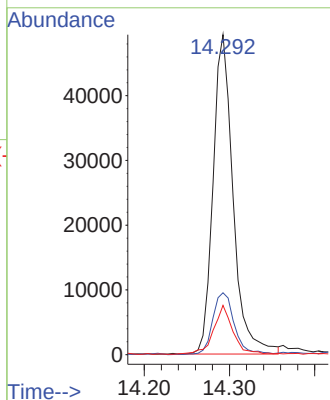
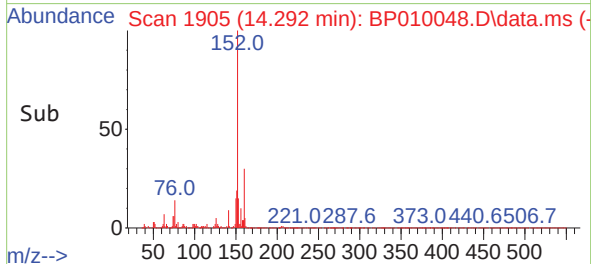
Instrument :
BNA_P
ClientSampleId :
BFFE0



Tgt Ion:152 Resp: 80870
Ion Ratio Lower Upper
152 100
151 19.4 18.3 27.5
153 15.4 11.0 16.6

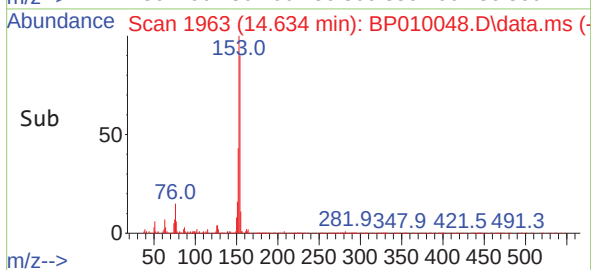
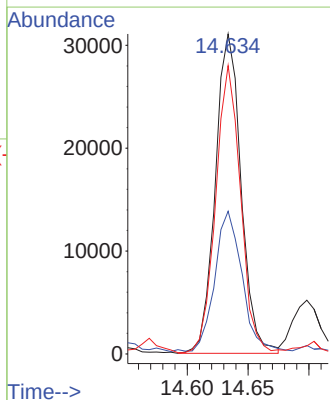
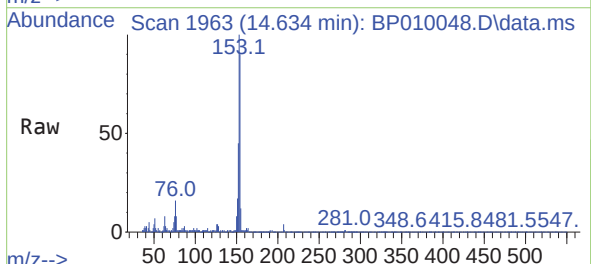
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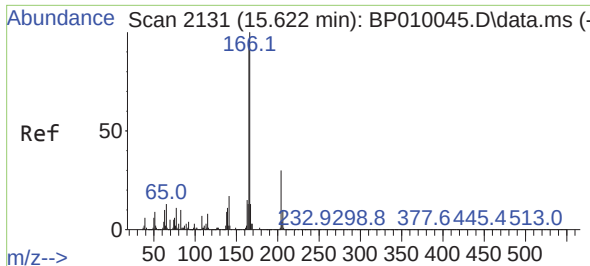
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#52
Acenaphthene
Concen: 1.553 ng/ul
RT: 14.634 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Tgt Ion:153 Resp: 45814
Ion Ratio Lower Upper
153 100
152 44.6 34.3 51.5
154 90.1 70.0 105.0





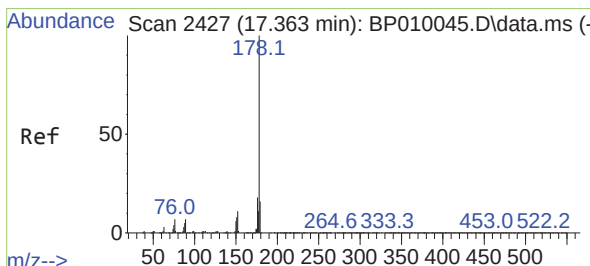
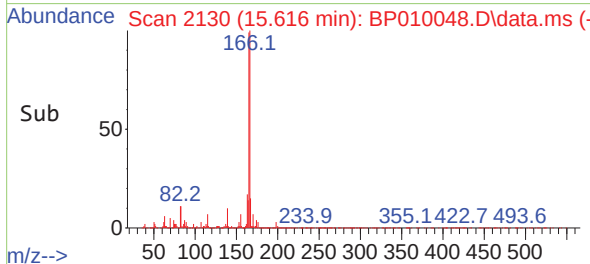
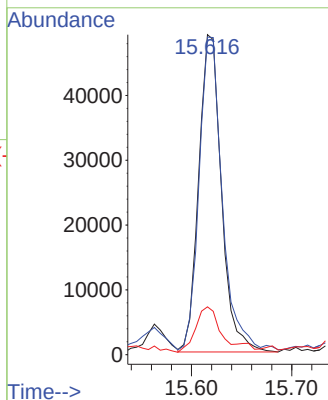
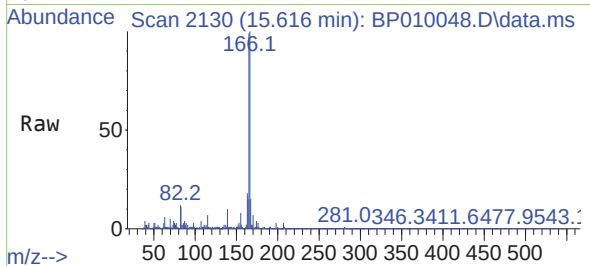
#61
Fluorene
Concen: 2.153 ng/u1
RT: 15.616 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Instrument :
BNA_P
ClientSampleId :
BFFE0

Tgt Ion:166 Resp: 77228
Ion Ratio Lower Upper
166 100
165 99.2 70.3 105.5
167 14.9 9.5 14.3

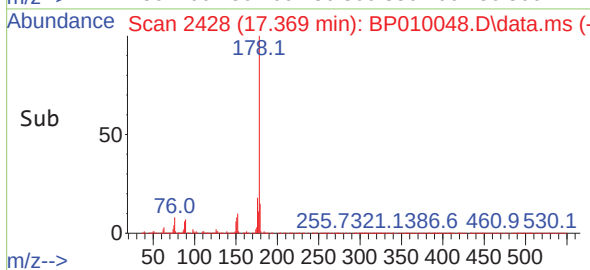
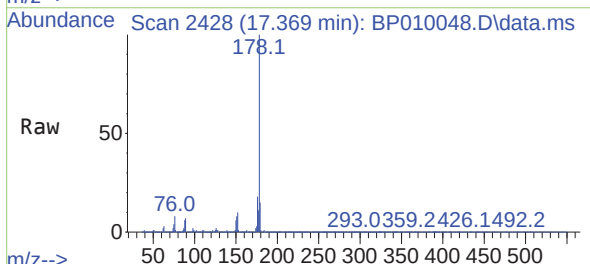
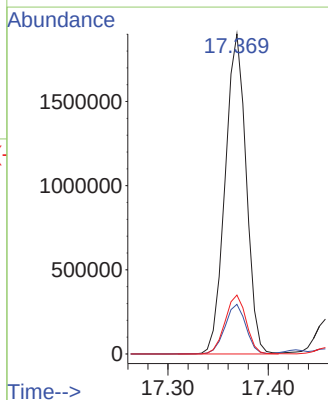
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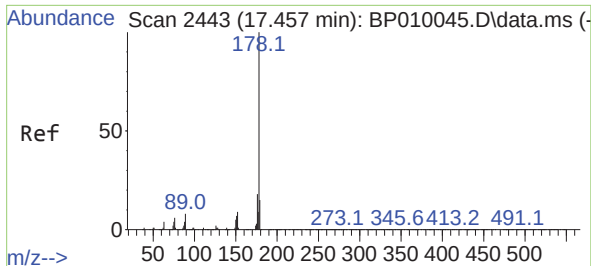
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#72
Phenanthrene
Concen: 52.337 ng/u1
RT: 17.369 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

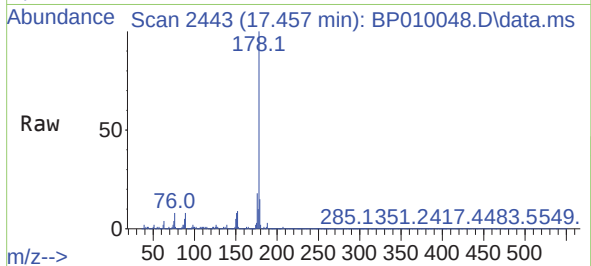
Tgt Ion:178 Resp: 2762907
Ion Ratio Lower Upper
178 100
179 15.5 11.7 17.5
176 18.4 14.5 21.7





#74
 Anthracene
 Concen: 5.538 ng/u1
 RT: 17.457 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BP010048.D
 Acq: 22 Apr 2022 10:42

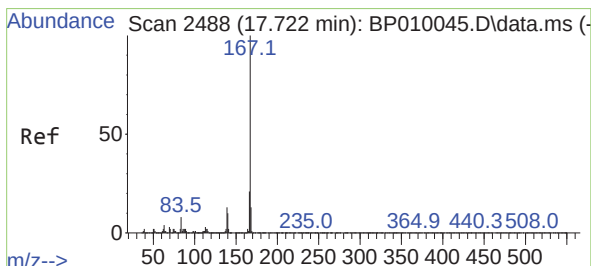
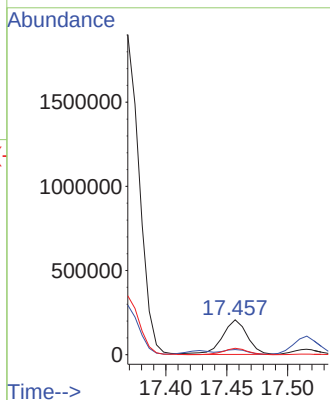
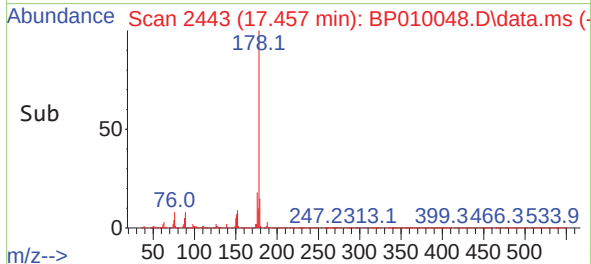
Instrument :
 BNA_P
 ClientSampleId :
 BFFE0



Tgt Ion:178 Resp: 294479
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.3 18.5
 176 18.3 13.4 20.2

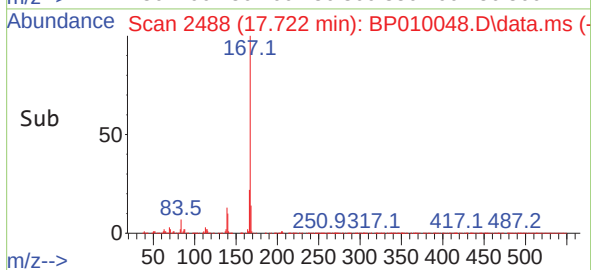
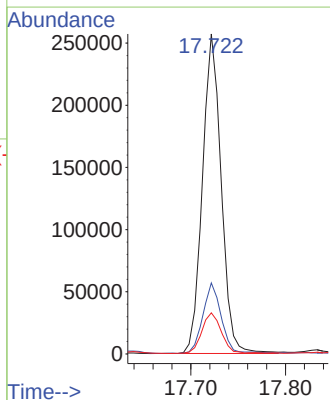
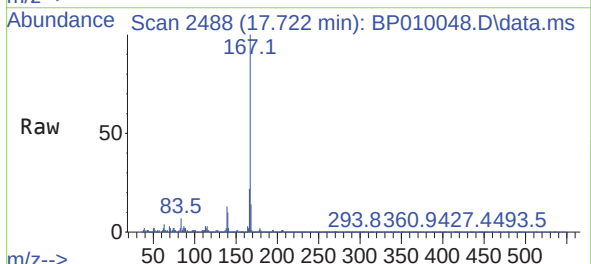
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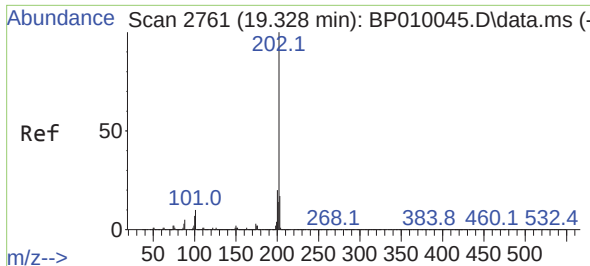
Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022



#77
 Carbazole
 Concen: 7.504 ng/u1
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP010048.D
 Acq: 22 Apr 2022 10:42

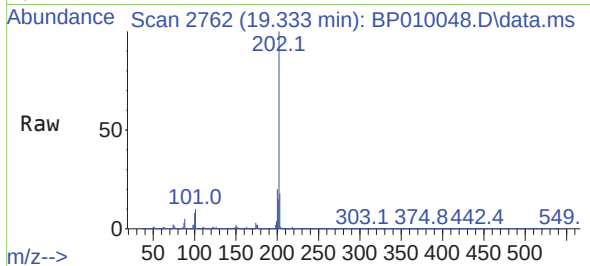
Tgt Ion:167 Resp: 353074
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.8 23.8
 139 12.8 8.3 12.5#





#80
Fluoranthene
Concen: 130.661 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

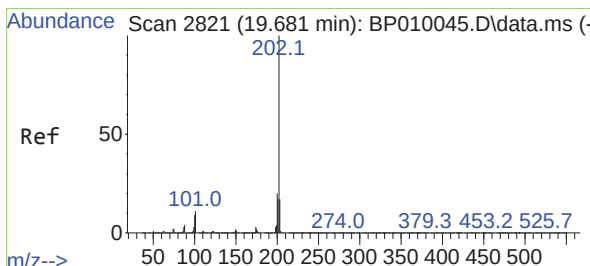
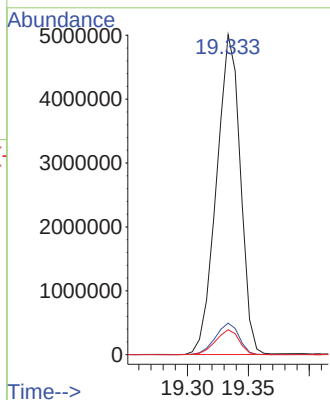
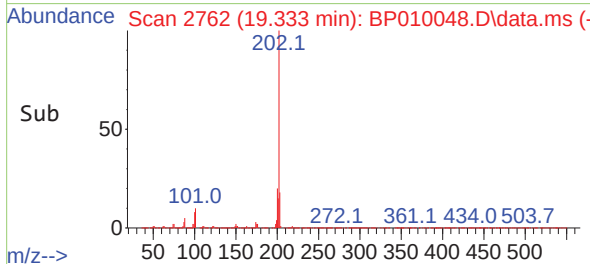
Instrument :
BNA_P
ClientSampleId :
BFFE0



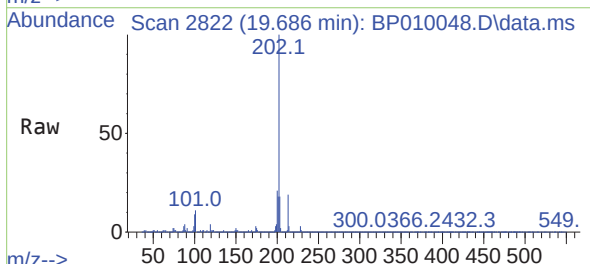
Tgt Ion:202 Resp: 684009
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 7.8 6.3 9.5

Manual Integrations
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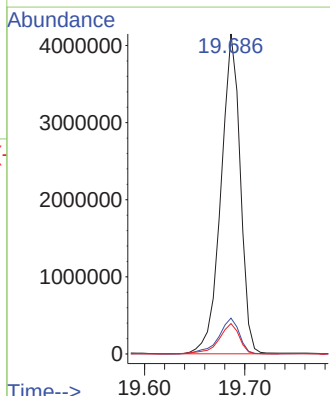
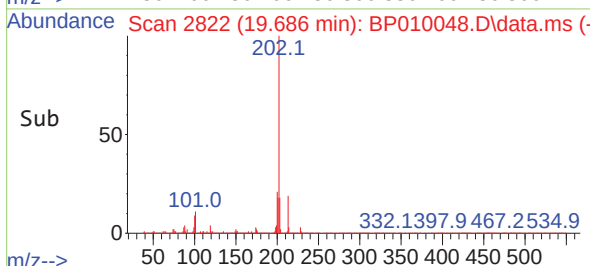
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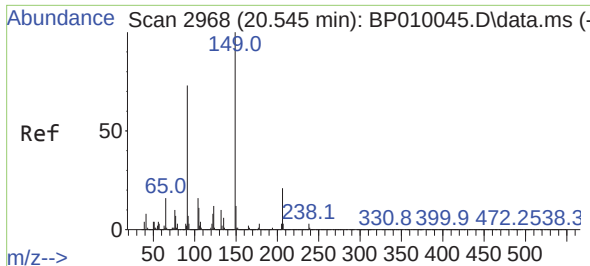


#82
Pyrene
Concen: 102.794 ng/u1
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42



Tgt Ion:202 Resp: 5544168
Ion Ratio Lower Upper
202 100
101 11.2 10.6 15.8
100 9.5 9.8 14.6#





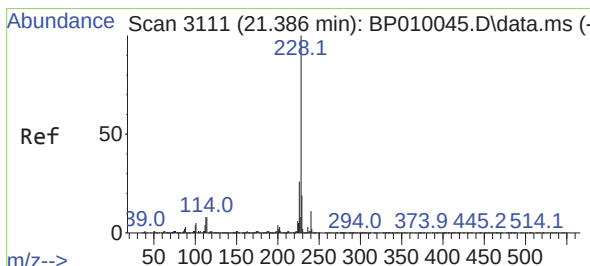
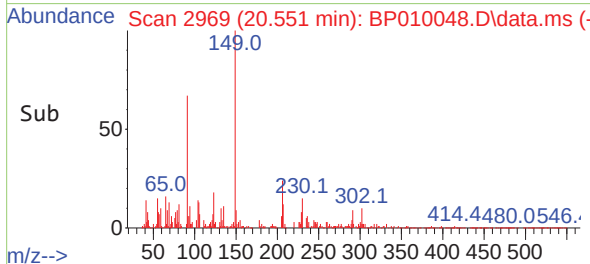
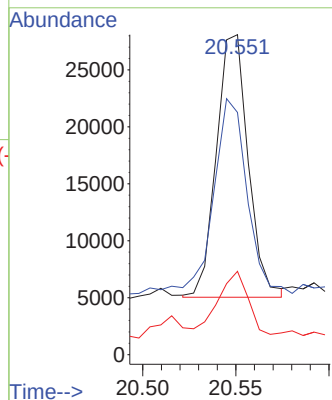
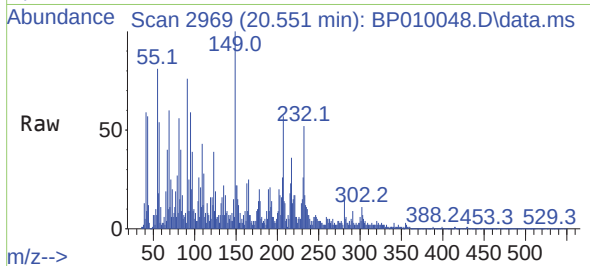
#83
Butylbenzylphthalate
Concen: 1.230 ng/ul m
RT: 20.551 min Scan# 2969
Delta R.T. -0.000 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Instrument :
BNA_P
ClientSampleId :
BFFE0

Tgt Ion:149 Resp: 27420
Ion Ratio Lower Upper
149 100
91 75.7 71.1 106.7
206 26.0 28.8 43.2

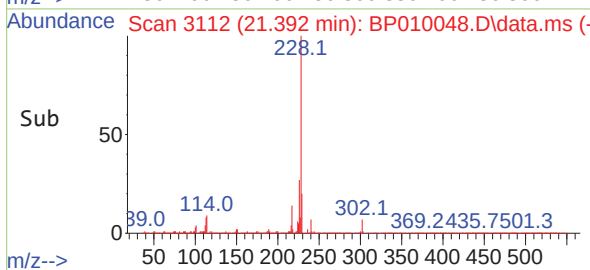
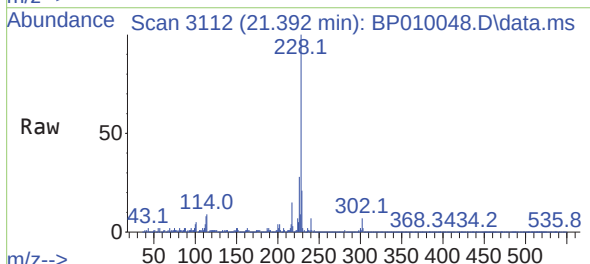
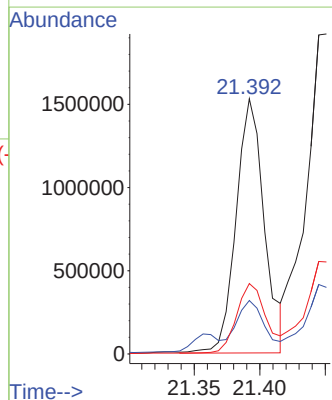
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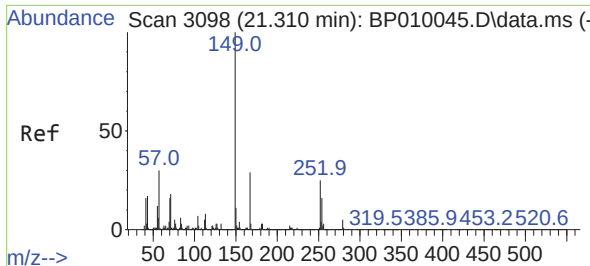
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#85
Benzo(a)anthracene
Concen: 44.083 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Tgt Ion:228 Resp: 2283195
Ion Ratio Lower Upper
228 100
229 20.9 18.2 27.2
226 27.6 22.8 34.2





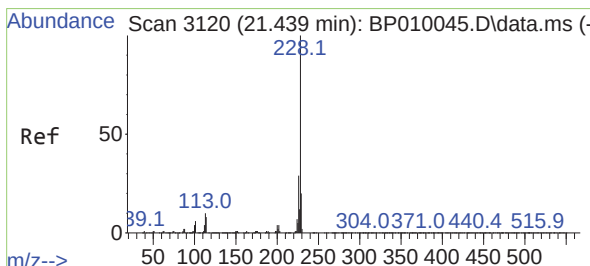
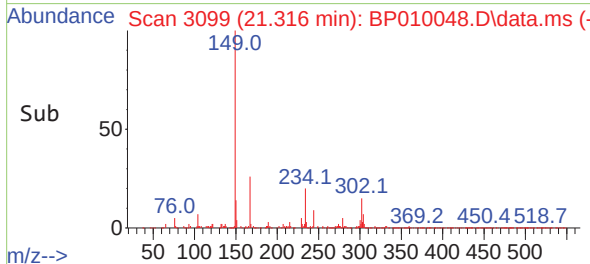
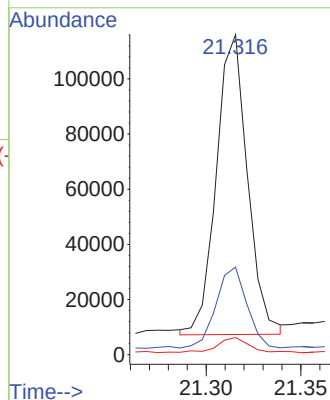
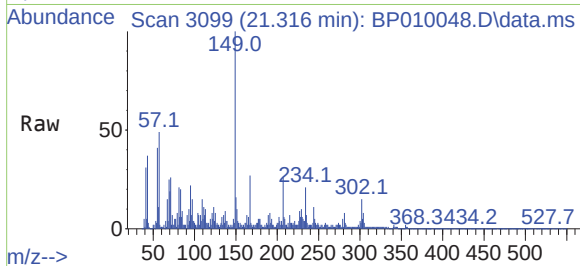
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.766 ng/ul
RT: 21.316 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Instrument :
BNA_P
ClientSampleId :
BFFE0

Tgt Ion:149 Resp: 124438
Ion Ratio Lower Upper
149 100
167 27.4 32.8 49.2
279 5.3 5.6 8.4

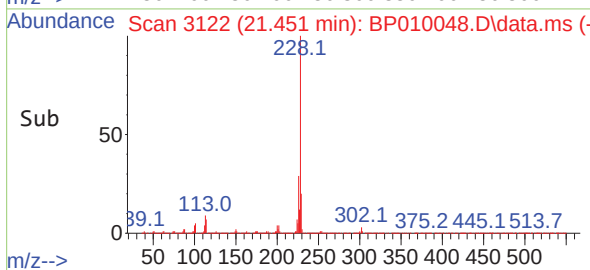
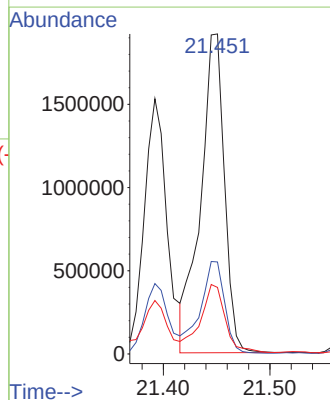
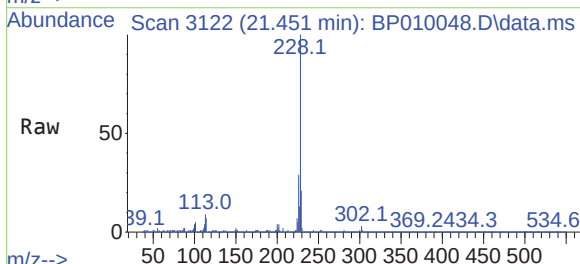
Manual Integrations
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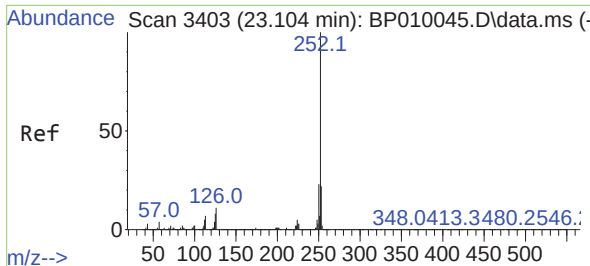
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#87
Chrysene
Concen: 58.677 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

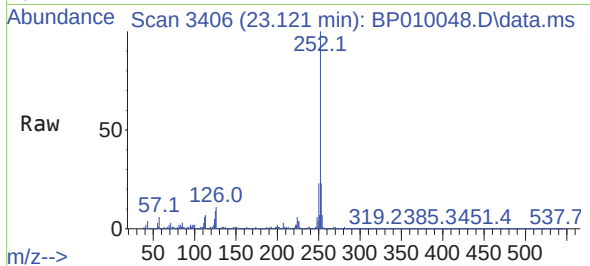
Tgt Ion:228 Resp: 2992378
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.8 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 78.847 ng/ul
RT: 23.121 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

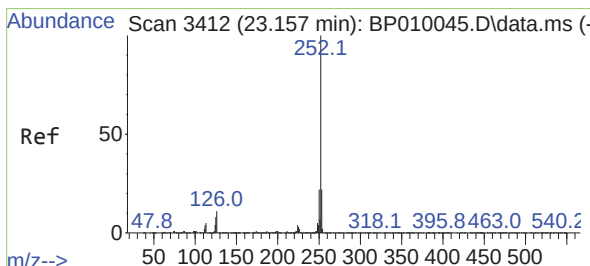
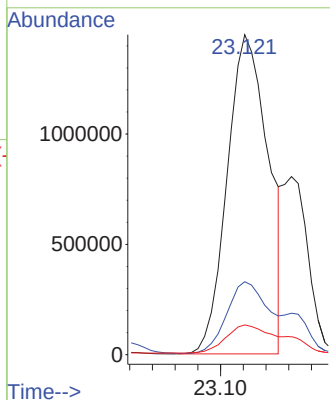
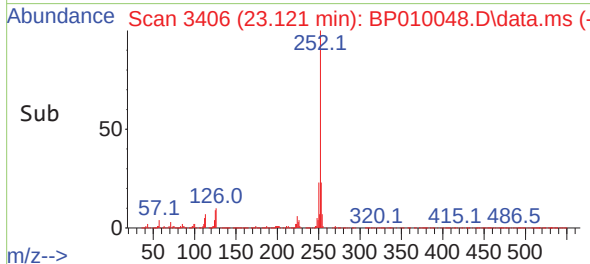
Instrument :
BNA_P
ClientSampleId :
BFFE0



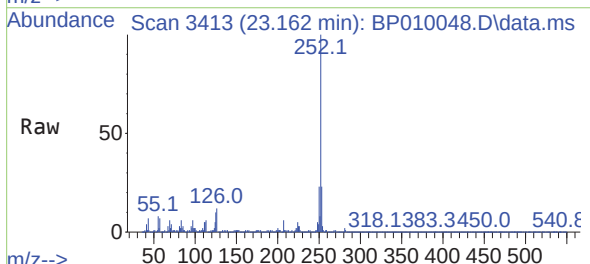
Tgt Ion:252 Resp: 363814
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.3 7.3 10.9

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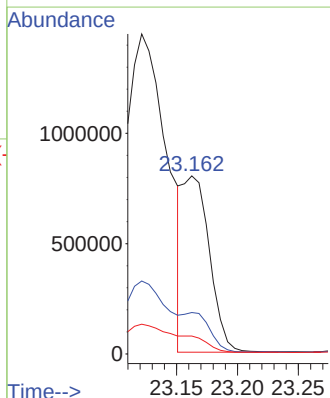
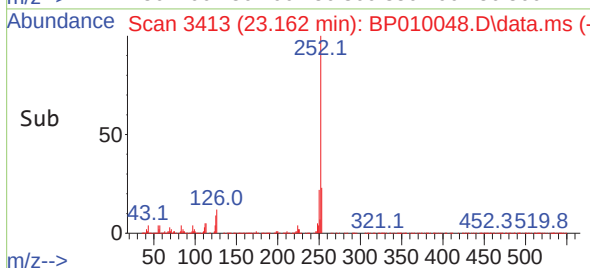
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

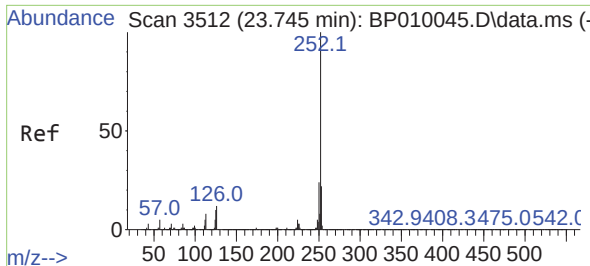


#91
Benzo(k)fluoranthene
Concen: 27.904 ng/ul m
RT: 23.162 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42



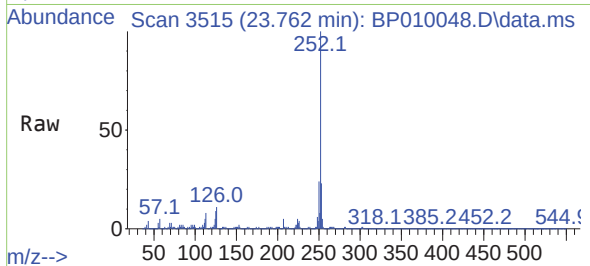
Tgt Ion:252 Resp: 1219620
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.0 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 48.340 ng/ul
RT: 23.762 min Scan# 3515
Delta R.T. 0.012 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

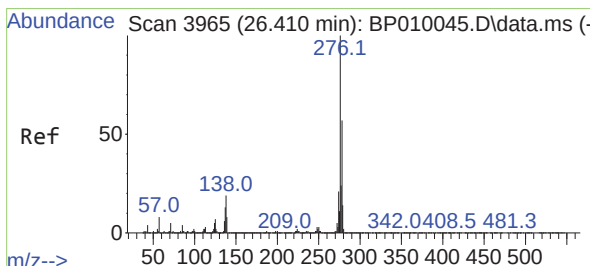
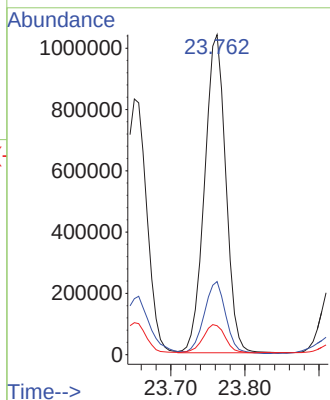
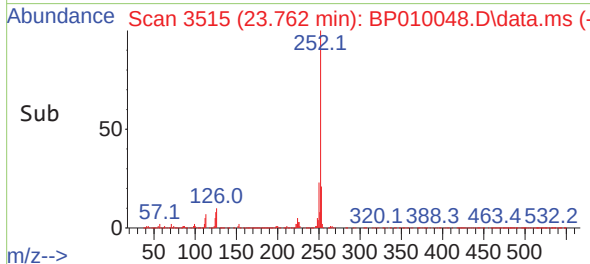
Instrument :
BNA_P
ClientSampleId :
BFFE0



Tgt Ion: 252 Resp: 206260
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.0 6.4 9.6

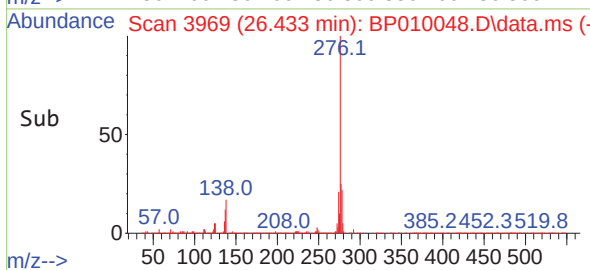
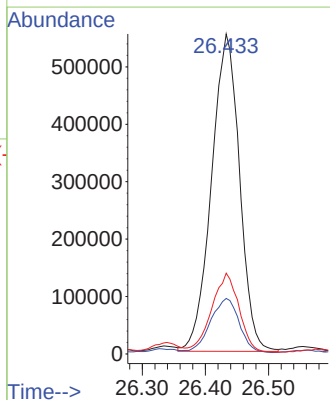
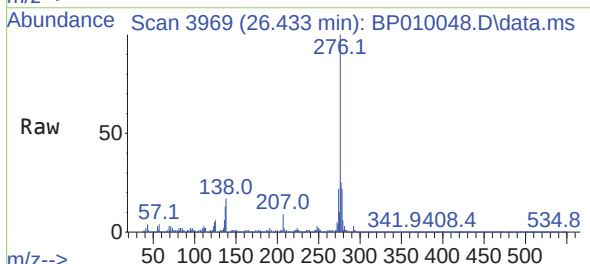
Manual Integrations
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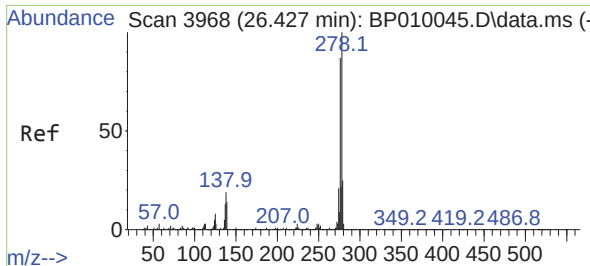
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 40.169 ng/ul
RT: 26.433 min Scan# 3969
Delta R.T. 0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Tgt Ion: 276 Resp: 1705026
Ion Ratio Lower Upper
276 100
138 17.4 12.3 18.5
277 25.3 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 10.877 ng/ul
RT: 26.433 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Instrument :

BNA_P

ClientSampleId :

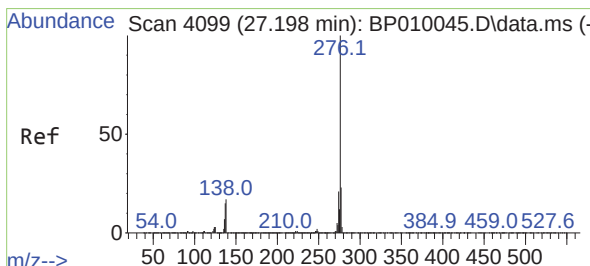
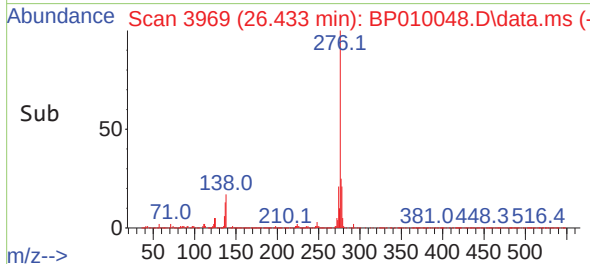
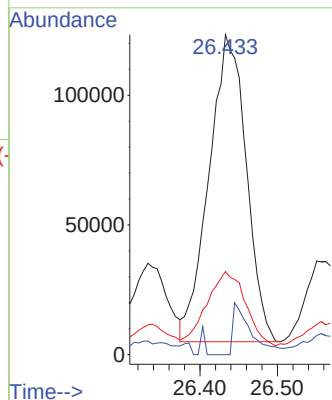
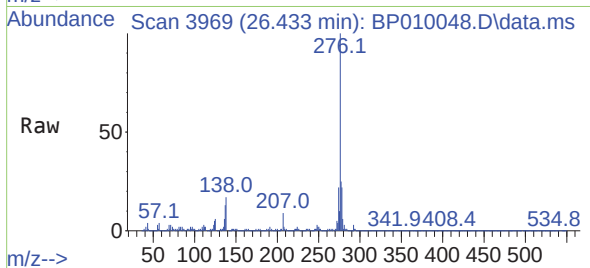
BFFE0

Tgt Ion:278 Resp: 395040
Ion Ratio Lower Upper
278 100
139 0.0 6.6 10.0
279 26.0 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: 42.568 ng/ul
RT: 27.221 min Scan# 4103
Delta R.T. 0.012 min
Lab File: BP010048.D
Acq: 22 Apr 2022 10:42

Tgt Ion:276 Resp: 1524604
Ion Ratio Lower Upper
276 100
138 17.3 11.6 17.4
277 23.4 15.9 23.9

