

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012219.D
 Acq On : 20 Oct 2022 18:15
 Operator : CG/JU
 Sample : N4755-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 20 23:24:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	526119	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	2256965	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1351877	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2464315	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1644073	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1839004	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	69393	5.338	ng/uL	0.00
4) Pyridine-d5	3.687	84	265165	7.079	ng/u1	0.00
7) Phenol-d5	6.993	99	1409555	31.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	856235	31.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	1092402	31.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	1128262	31.961	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	538624	32.241	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	601822	33.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	1097158	32.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	1139381	23.719	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	3207538	34.109	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	3620931	33.733	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	394560	22.396	ng/u1	0.00
60) Fluorene-d10	15.475	176	2728390	33.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	338430	24.140	ng/u1	0.00
73) Anthracene-d10	17.333	188	3796054	35.143	ng/u1	0.00
81) Pyrene-d10	19.574	212	3420274	36.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	3196018	34.655	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.681	128	380718	3.154	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	115252	1.403	ng/u1	99
50) Acenaphthylene	14.198	152	450092	3.763	ng/u1	100
52) Acenaphthene	14.539	153	157868	1.866	ng/u1	98
61) Fluorene	15.528	166	128763	1.404	ng/u1	99
71) Pentachlorophenol	16.886	266	68680	3.699	ng/u1	99
72) Phenanthrene	17.275	178	1602447	12.099	ng/u1	99
74) Anthracene	17.369	178	3050609	23.279	ng/u1	100
80) Fluoranthene	19.251	202	4216303	36.452	ng/u1	99
82) Pyrene	19.604	202	3798454	32.098	ng/u1	98
85) Benzo(a)anthracene	21.316	228	1636524	15.273	ng/u1	97
87) Chrysene	21.369	228	2323225	23.235	ng/u1	98
90) Benzo(b)fluoranthene	23.010	252	4768268	38.906	ng/u1	98
91) Benzo(k)fluoranthene	23.051	252	1187193m	9.827	ng/u1	
93) Benzo(a)pyrene	23.633	252	2084089	19.886	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.239	276	2573978	21.216	ng/u1	95
95) Dibenzo(a,h)anthracene	26.245	278	610136	5.578	ng/u1#	79
96) Benzo(g,h,i)perylene	27.009	276	2129657	18.695	ng/u1	100

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

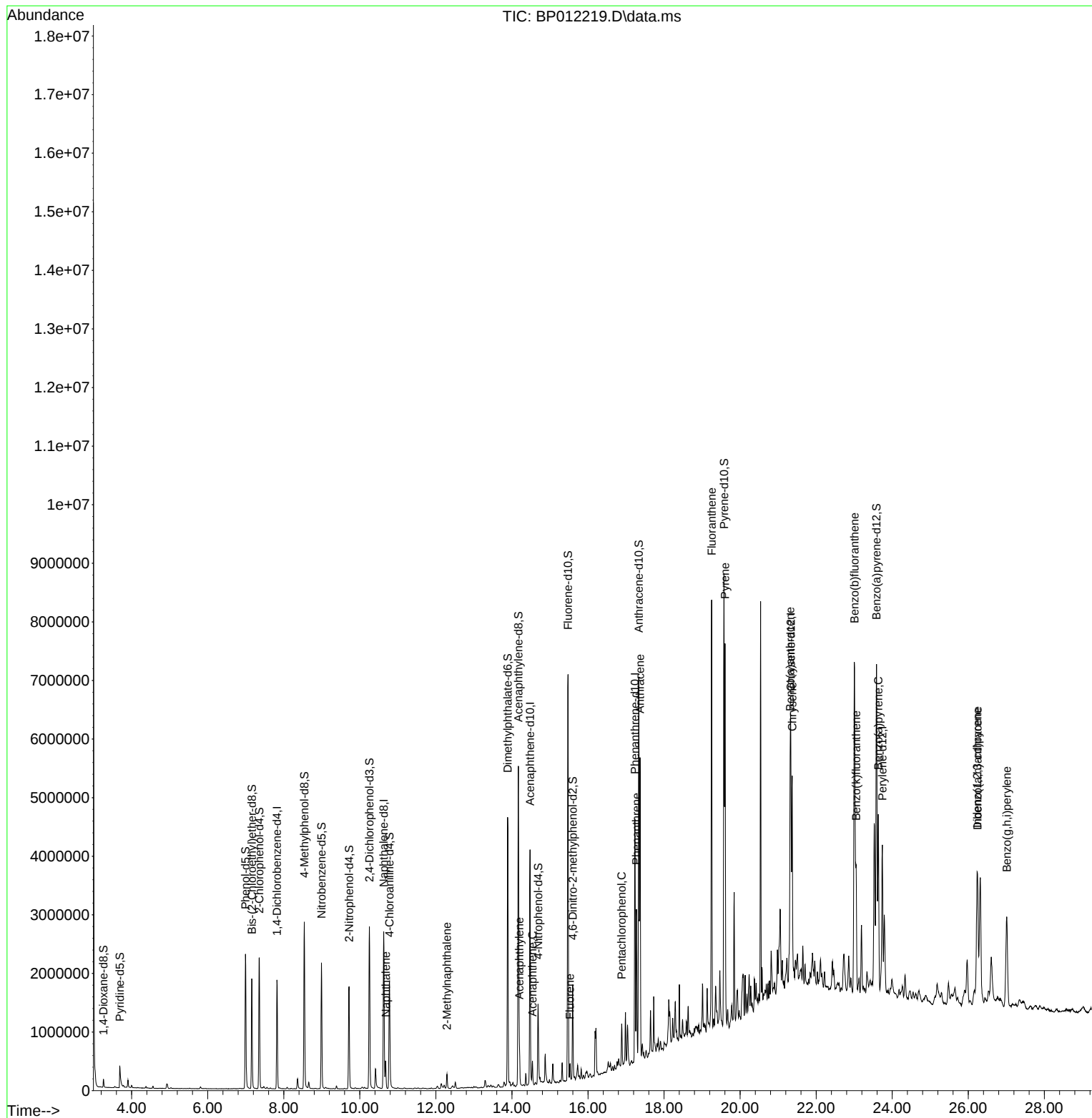
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012219.D
Acq On : 20 Oct 2022 18:15
Operator : CG/JU
Sample : N4755-02
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ALS Vial : 13 Sample Multiplier: 1

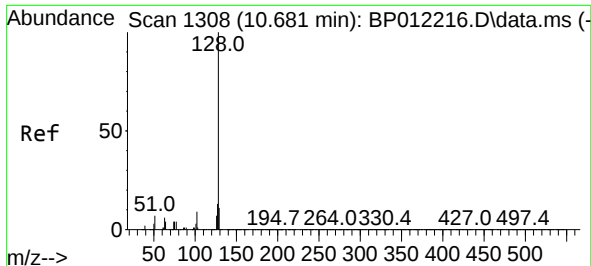
Instrument :
BNA_P
ClientSampleId :
DBWK0

Manual Integrations
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Quant Time: Oct 20 23:24:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
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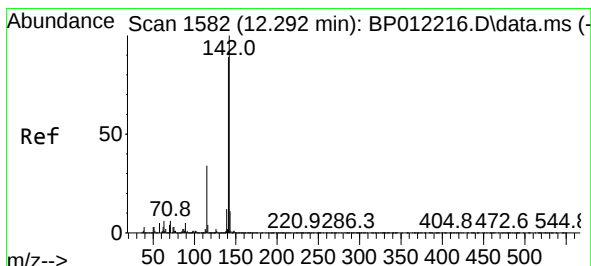
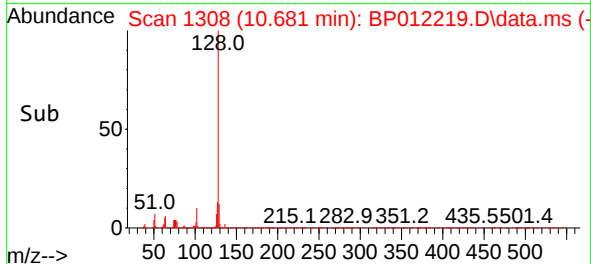
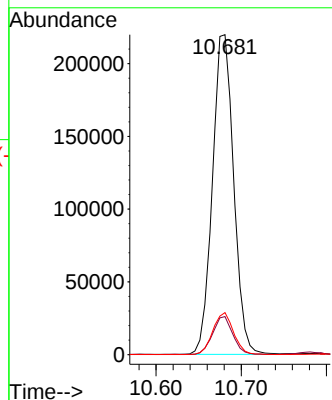
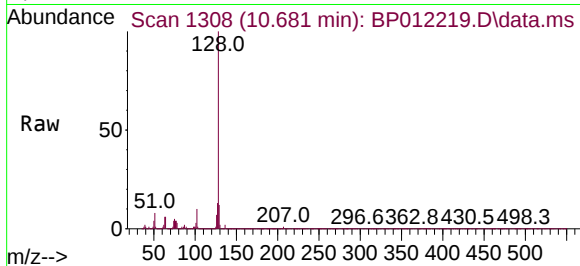
#30
Naphthalene
Concen: 3.154 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

Instrument :
BNA_P
ClientSampleId :
DBWK0

Tgt Ion:128 Resp: 380718
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.1 10.2 15.4

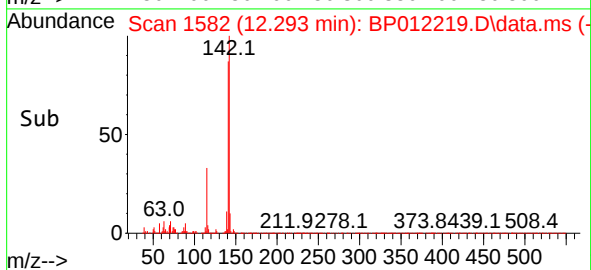
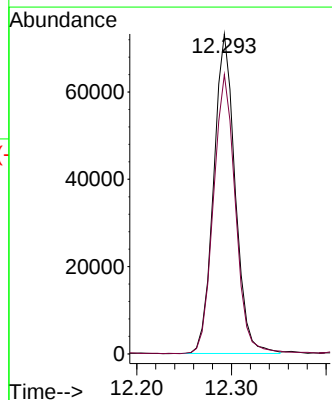
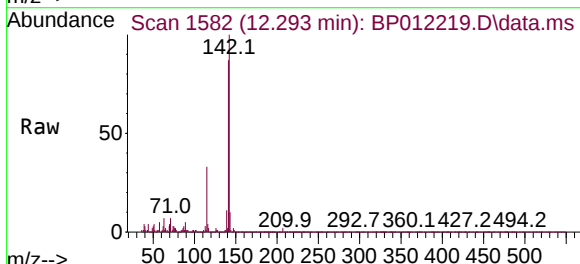
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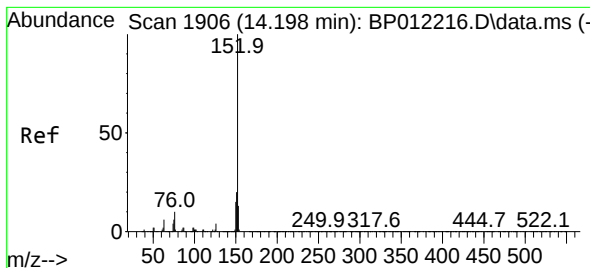
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#36
2-Methylnaphthalene
Concen: 1.403 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

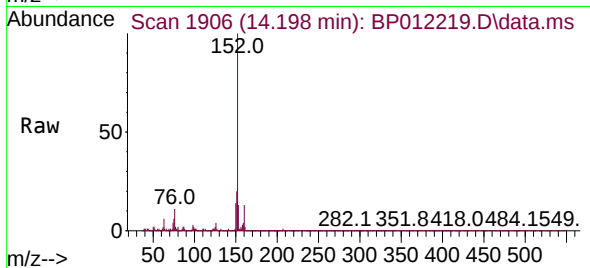
Tgt Ion:142 Resp: 115252
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5





#50
Acenaphthylene
Concen: 3.763 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

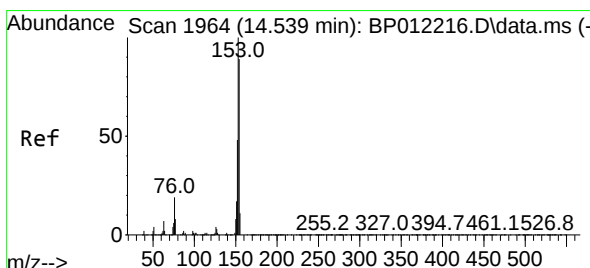
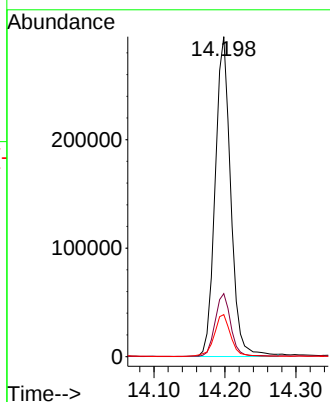
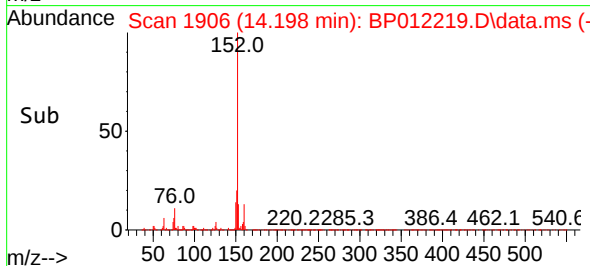
Instrument :
BNA_P
ClientSampleId :
DBWK0



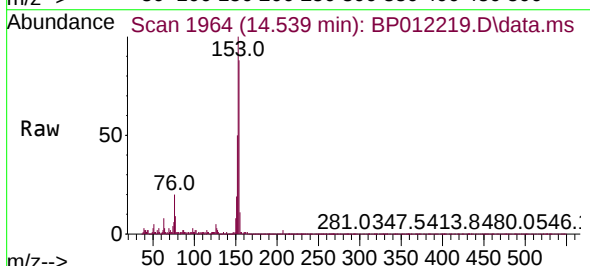
Tgt Ion:152 Resp: 450092
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.1 10.6 16.0

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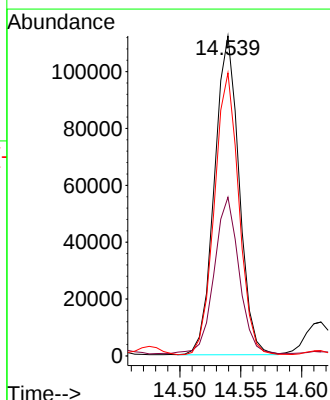
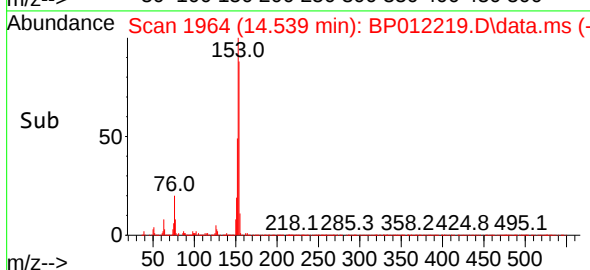
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

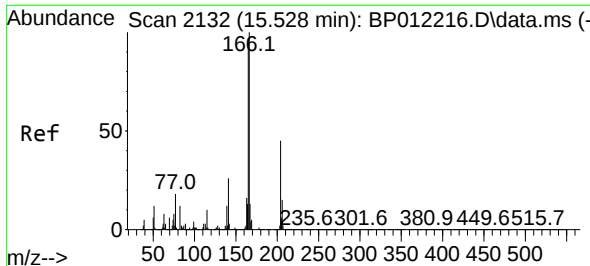


#52
Acenaphthene
Concen: 1.866 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15



Tgt Ion:153 Resp: 157868
Ion Ratio Lower Upper
153 100
152 49.6 38.1 57.1
154 88.4 71.4 107.2





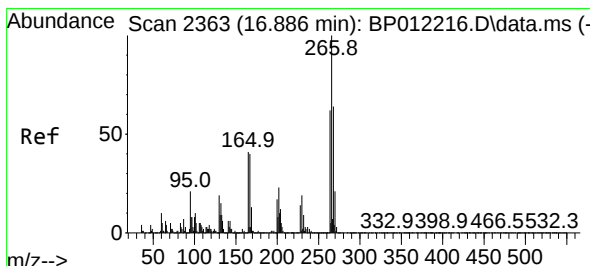
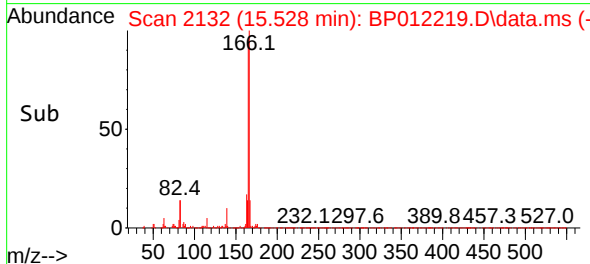
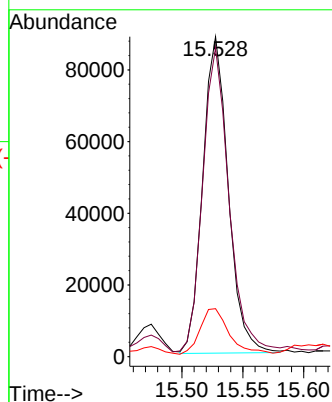
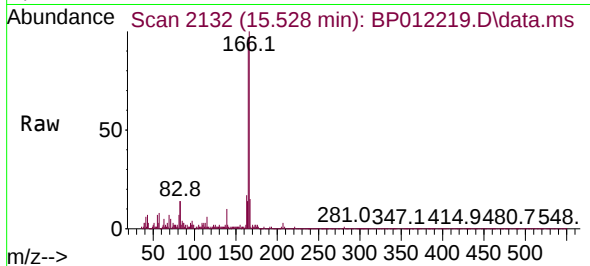
#61
Fluorene
Concen: 1.404 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

Instrument :
BNA_P
ClientSampleId :
DBWK0

Tgt Ion:166 Resp: 128763
Ion Ratio Lower Upper
166 100
165 96.5 78.0 117.0
167 15.0 10.7 16.1

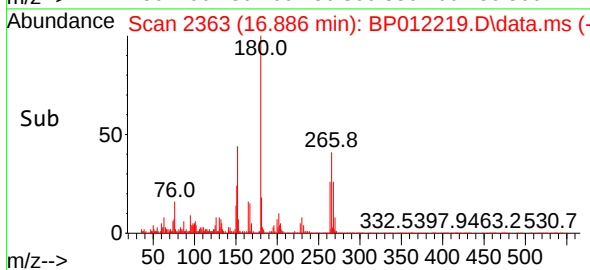
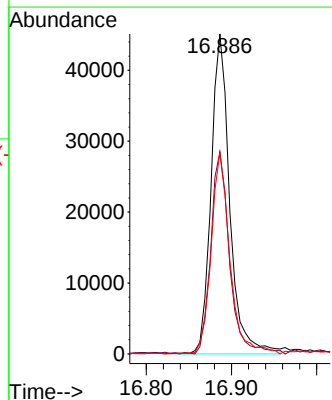
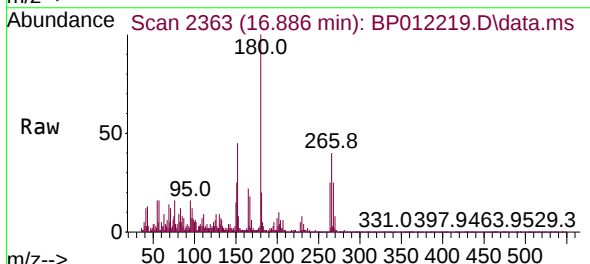
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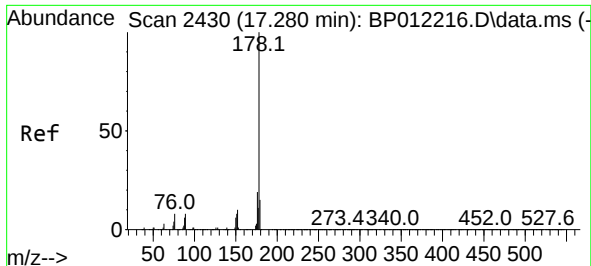
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#71
Pentachlorophenol
Concen: 3.699 ng/ul
RT: 16.886 min Scan# 2363
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

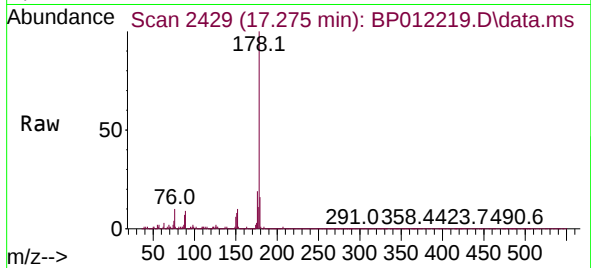
Tgt Ion:266 Resp: 68680
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 62.7 50.6 76.0





#72
Phenanthrene
Concen: 12.099 ng/u1
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

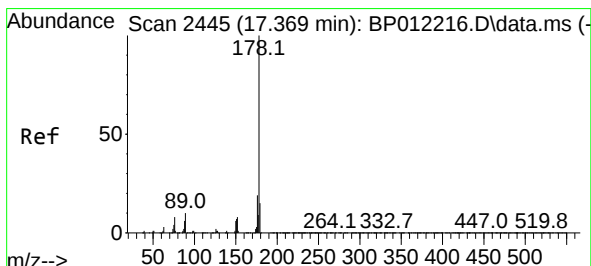
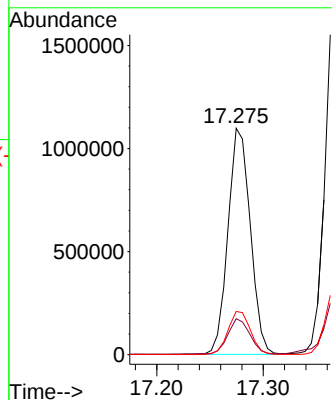
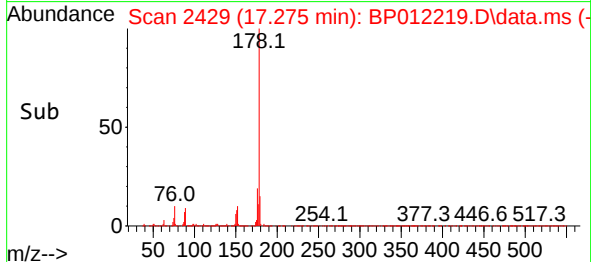
Instrument :
BNA_P
ClientSampleId :
DBWK0



Tgt Ion:178 Resp: 1602447
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.6 23.4

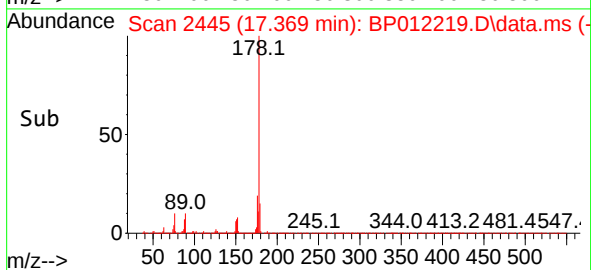
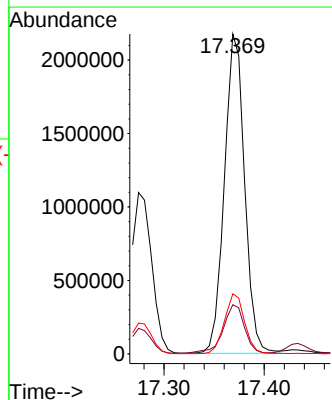
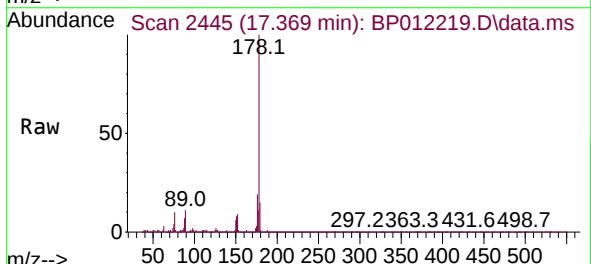
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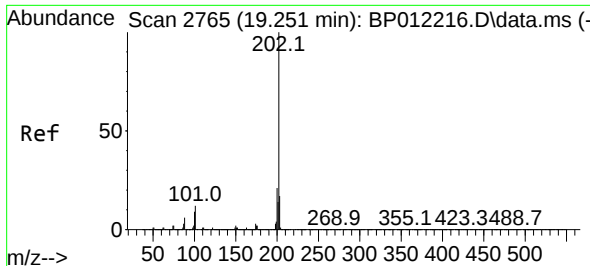
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#74
Anthracene
Concen: 23.279 ng/u1
RT: 17.369 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

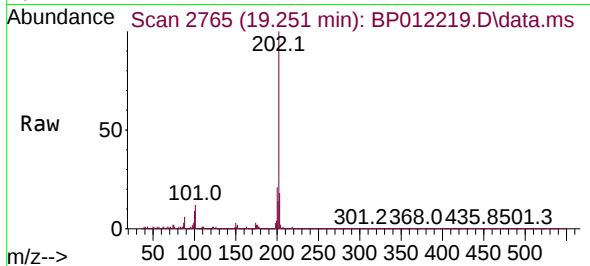
Tgt Ion:178 Resp: 3050609
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.8 15.0 22.4





#80
Fluoranthene
Concen: 36.452 ng/u1
RT: 19.251 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

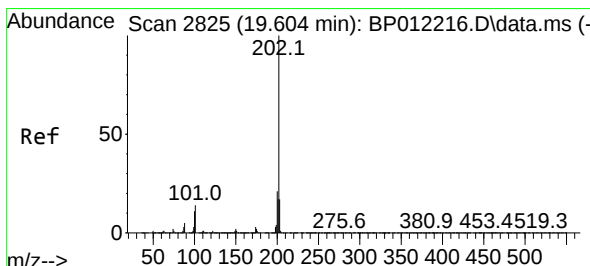
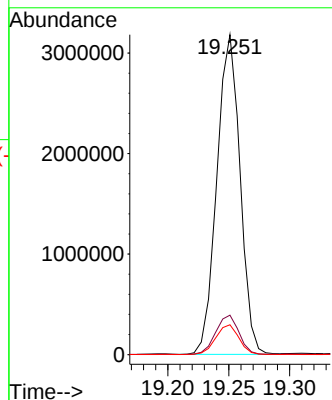
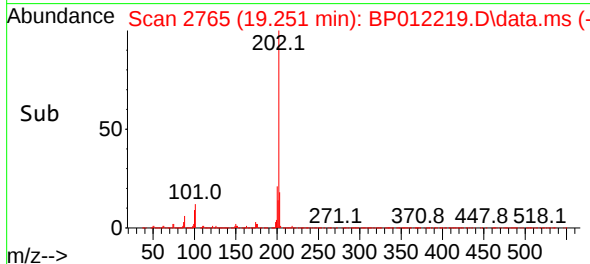
Instrument :
BNA_P
ClientSampleId :
DBWK0



Tgt Ion:202 Resp: 4216303
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.3 7.7 11.5

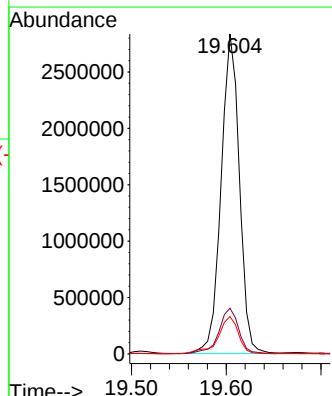
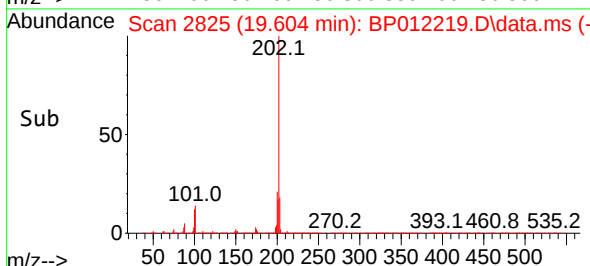
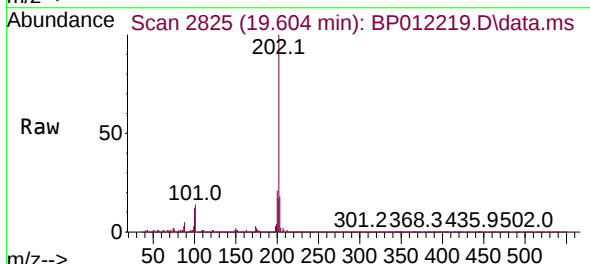
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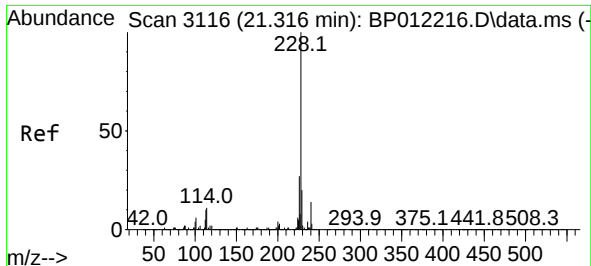
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#82
Pyrene
Concen: 32.098 ng/u1
RT: 19.604 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

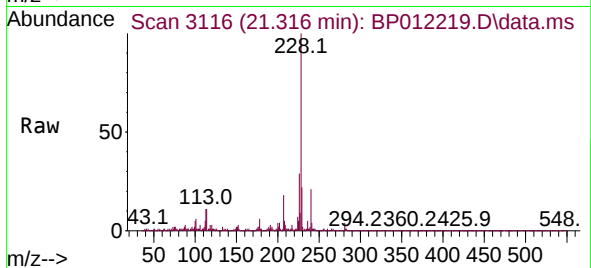
Tgt Ion:202 Resp: 3798454
Ion Ratio Lower Upper
202 100
101 14.3 12.3 18.5
100 11.7 10.0 15.0





#85
Benzo(a)anthracene
Concen: 15.273 ng/ul
RT: 21.316 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

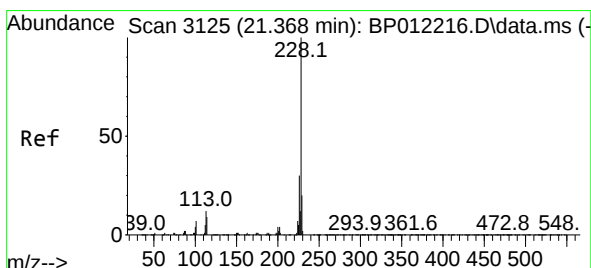
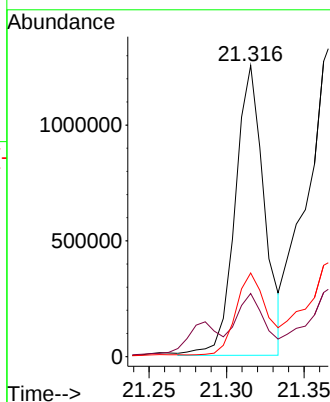
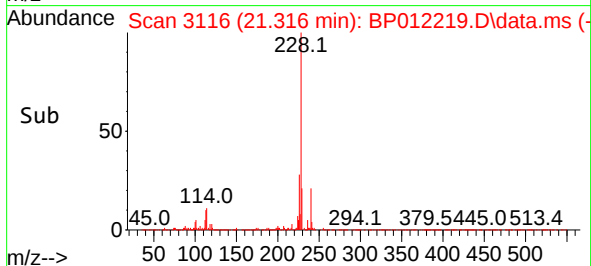
Instrument :
BNA_P
Client Sample Id :
DBWK0



Tgt Ion:228 Resp: 1636524
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 28.7 21.9 32.9

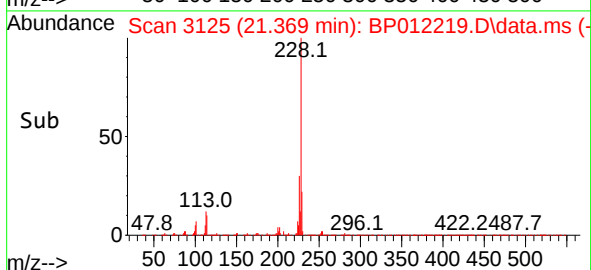
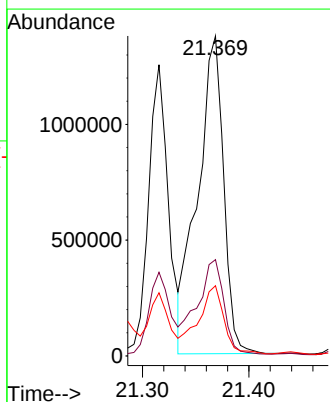
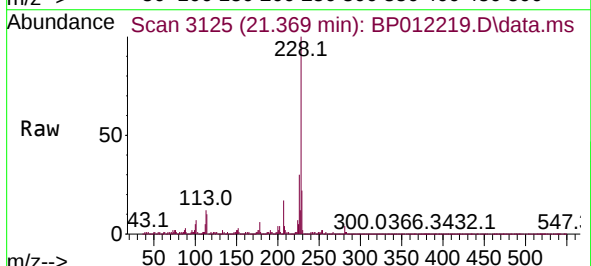
Manual Integrations
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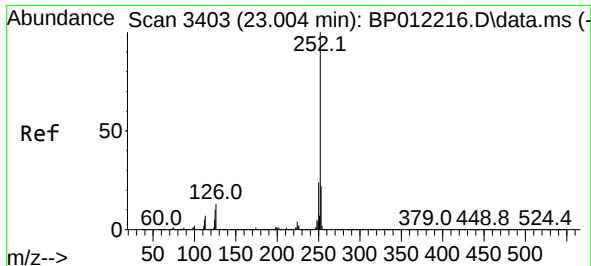
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 23.235 ng/ul
RT: 21.369 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

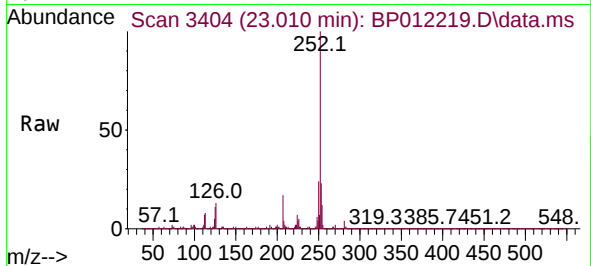
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Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 21.9 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 38.906 ng/ul
RT: 23.010 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

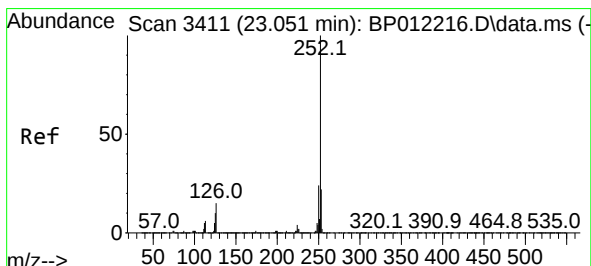
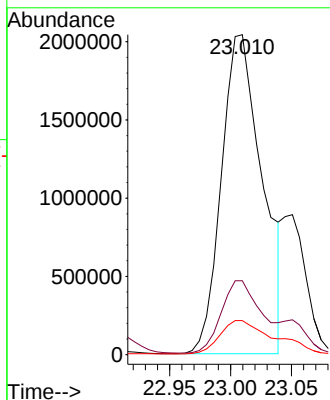
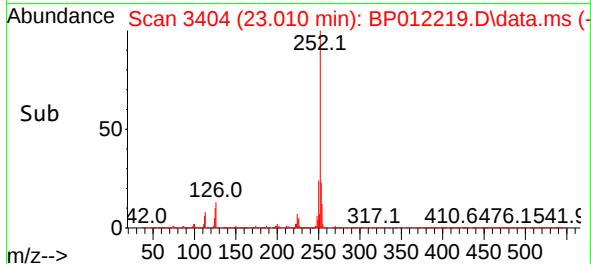
Instrument :
BNA_P
ClientSampleId :
DBWK0



Tgt Ion:252 Resp: 4768268
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.6 8.5 12.7

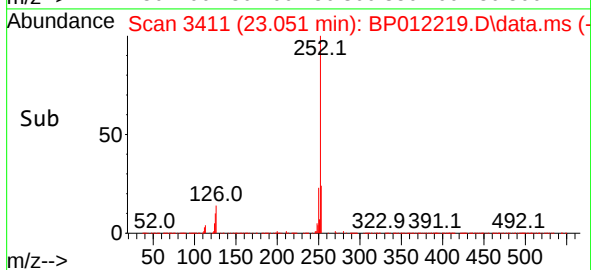
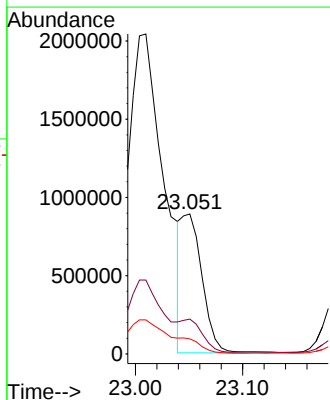
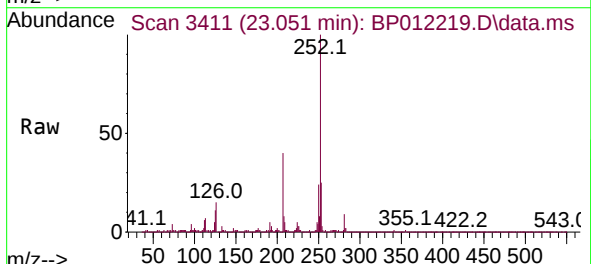
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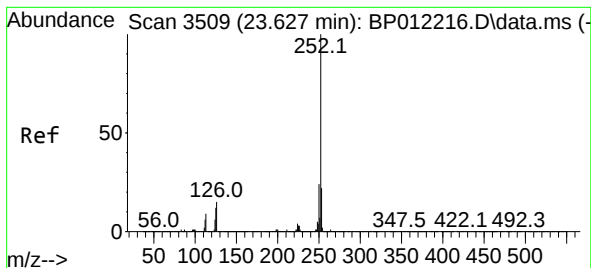
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#91
Benzo(k)fluoranthene
Concen: 9.827 ng/ul m
RT: 23.051 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

Tgt Ion:252 Resp: 1187193
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 10.7 8.6 13.0





#93

Benzo(a)pyrene

Concen: 19.886 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP012219.D

Acq: 20 Oct 2022 18:15

Instrument :

BNA_P

ClientSampleId :

DBWK0

Tgt Ion:252 Resp: 2084089

Ion Ratio Lower Upper

252 100

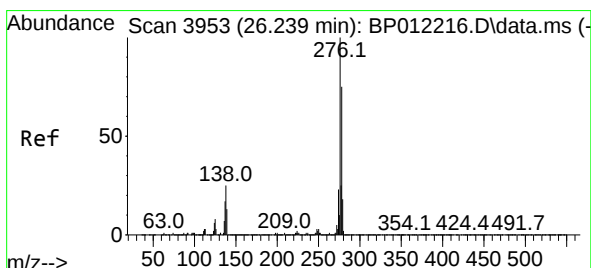
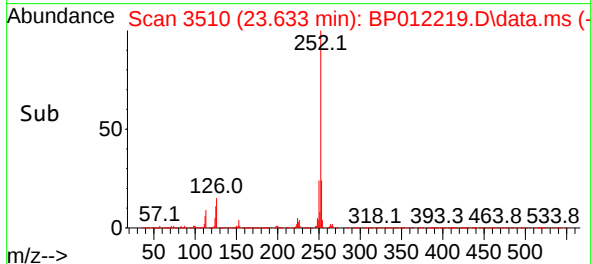
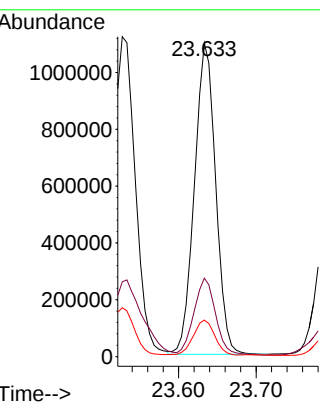
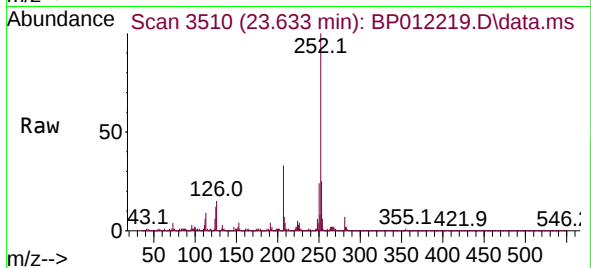
253 25.1 17.8 26.6

125 11.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.216 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP012219.D

Acq: 20 Oct 2022 18:15

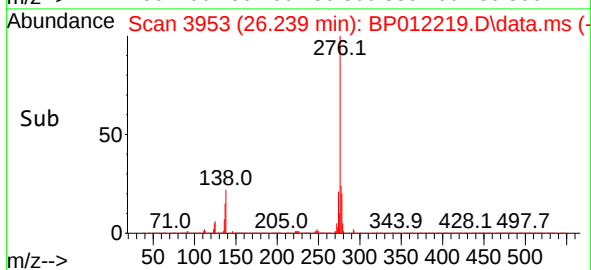
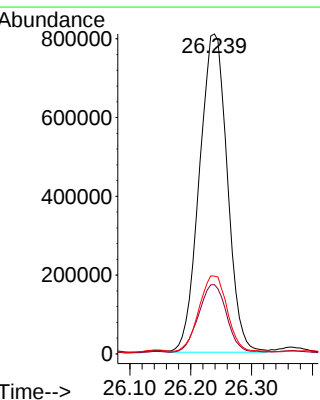
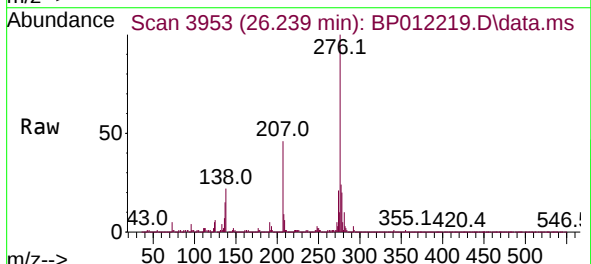
Tgt Ion:276 Resp: 2573978

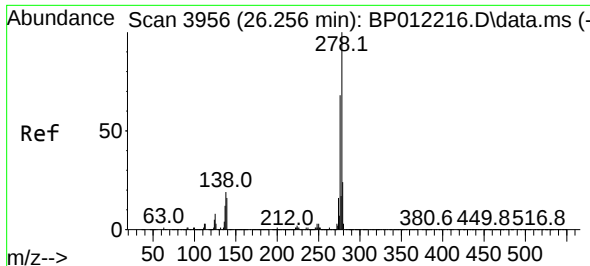
Ion Ratio Lower Upper

276 100

138 21.6 20.3 30.5

277 24.3 20.2 30.4





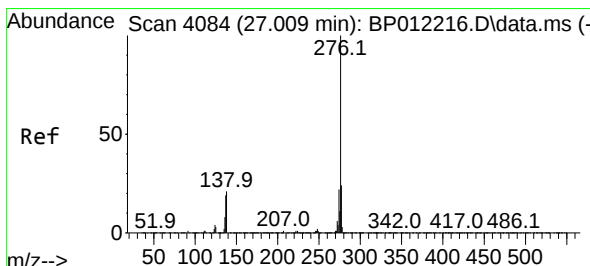
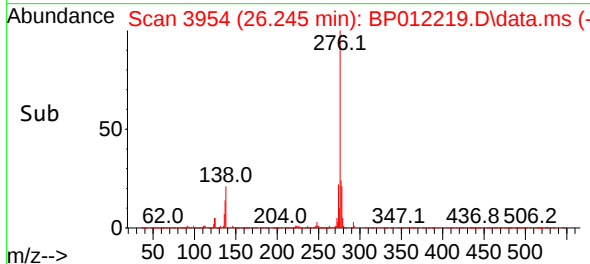
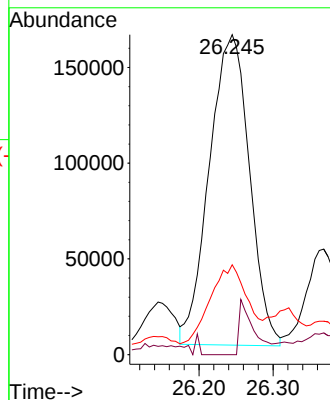
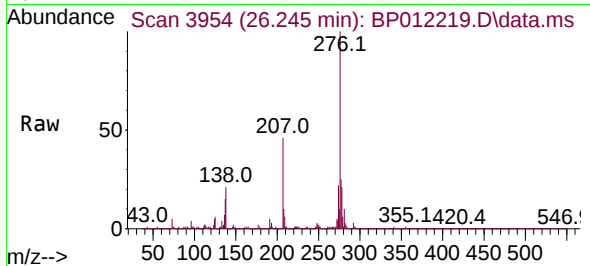
#95
Dibenzo(a,h)anthracene
Concen: 5.578 ng/ul
RT: 26.245 min Scan# 3956
Delta R.T. -0.018 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

Instrument :
BNA_P
ClientSampleId :
DBWK0

Tgt Ion:278 Resp: 610136
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3
279 28.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#96
Benzo(g,h,i)perylene
Concen: 18.695 ng/ul
RT: 27.009 min Scan# 4084
Delta R.T. 0.000 min
Lab File: BP012219.D
Acq: 20 Oct 2022 18:15

Tgt Ion:276 Resp: 2129657
Ion Ratio Lower Upper
276 100
138 22.1 17.9 26.9
277 23.7 18.9 28.3

