

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012152.D
 Acq On : 14 Oct 2022 23:53
 Operator : CG/JU
 Sample : N4984-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:19:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	241584	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.645	136	988676	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.492	164	551268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1178082	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1266958	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1336601	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	14559	2.376	ng/uL	0.00
4) Pyridine-d5	3.705	84	49482	3.037	ng/u1	0.00
7) Phenol-d5	7.010	99	566073	29.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	330468	29.965	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.369	132	445491	28.885	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	428656	28.723	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	209002	29.932	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.734	143	207268	29.275	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	382148	27.850	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.792	131	399154	19.740	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	1071278	30.684	ng/u1	-0.01
49) Acenaphthylene-d8	14.186	160	1333148	30.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	164962	24.068	ng/u1	0.00
60) Fluorene-d10	15.486	176	1030983	32.639	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	68948	11.084	ng/u1	-0.01
73) Anthracene-d10	17.351	188	1668967	32.625	ng/u1	0.00
81) Pyrene-d10	19.586	212	2106949	32.461	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	2187204	33.662	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.040	94	29808	1.461	ng/u1#	92
47) Dimethylphthalate	13.951	163	49456	1.345	ng/u1	99
52) Acenaphthene	14.557	153	73497	2.113	ng/u1	96
56) Dibenzofuran	14.892	168	67037	1.426	ng/u1	97
61) Fluorene	15.539	166	62030	1.681	ng/u1	98
72) Phenanthrene	17.292	178	1157567	18.068	ng/u1	100
74) Anthracene	17.386	178	174363	2.750	ng/u1	99
77) Carbazole	17.663	167	85830	1.518	ng/u1	99
80) Fluoranthene	19.263	202	1550172	19.491	ng/u1	97
82) Pyrene	19.615	202	1394109	16.563	ng/u1	95
85) Benzo(a)anthracene	21.327	228	788444	9.887	ng/u1	99
87) Chrysene	21.380	228	715800	9.325	ng/u1	98
90) Benzo(b)fluoranthene	23.021	252	960852	11.357	ng/u1#	95
91) Benzo(k)fluoranthene	23.062	252	338967m	4.073	ng/u1	
93) Benzo(a)pyrene	23.651	252	709805	9.404	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.256	276	447378	4.688	ng/u1	97
95) Dibenzo(a,h)anthracene	26.274	278	108655	1.269	ng/u1#	83
96) Benzo(g,h,i)perylene	27.033	276	339777	3.949	ng/u1#	95

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

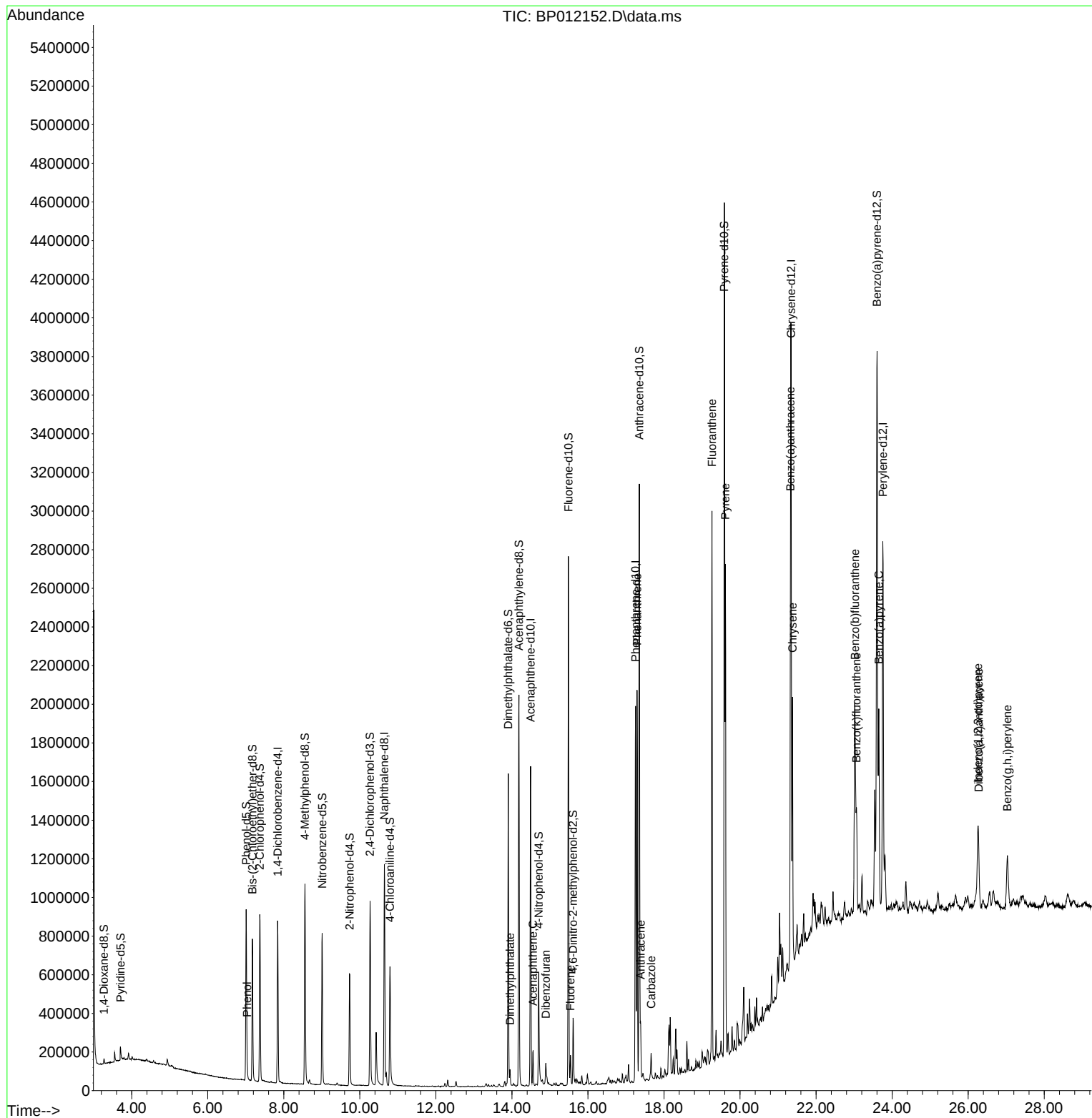
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012152.D
 Acq On : 14 Oct 2022 23:53
 Operator : CG/JU
 Sample : N4984-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

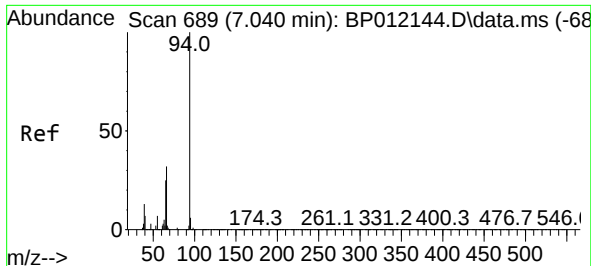
Instrument :
 BNA_P
 ClientSampleId :
 BGNB4

Manual Integrations APPROVED

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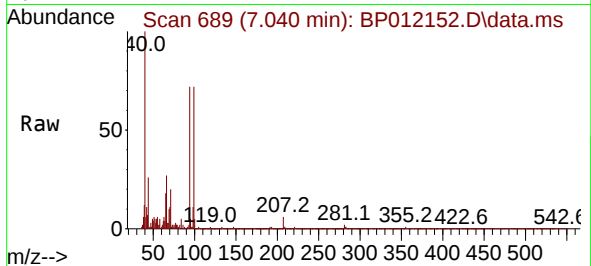
Quant Time: Oct 15 02:19:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
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#8
Phenol
Concen: 1.461 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

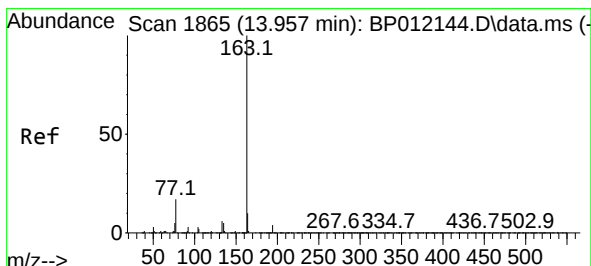
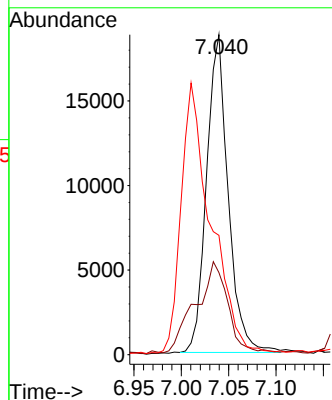
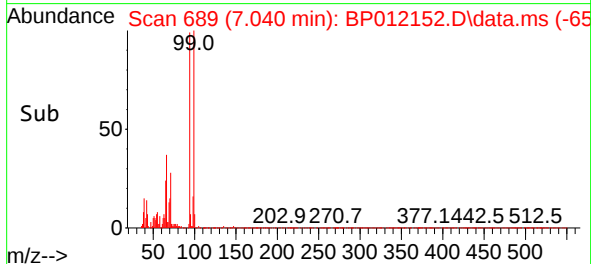
Instrument :
BNA_P
ClientSampleId :
BGNB4



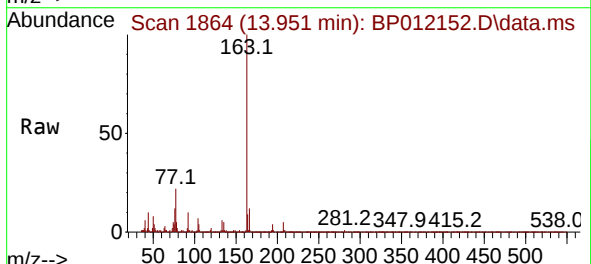
Tgt Ion: 94 Resp: 29808
Ion Ratio Lower Upper
94 100
65 25.7 19.4 29.0
66 37.3 24.6 37.0

Manual Integrations
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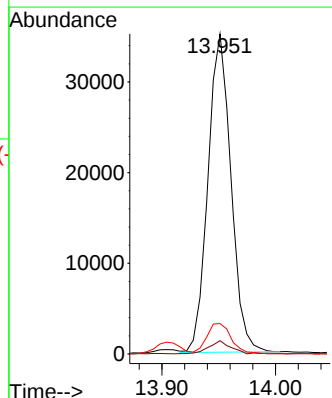
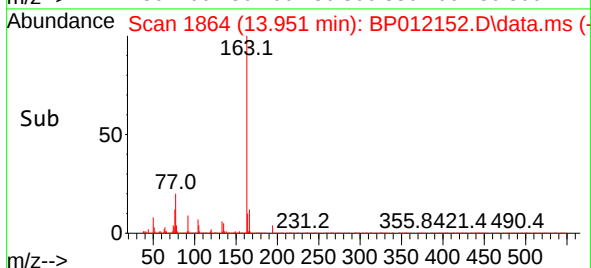
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

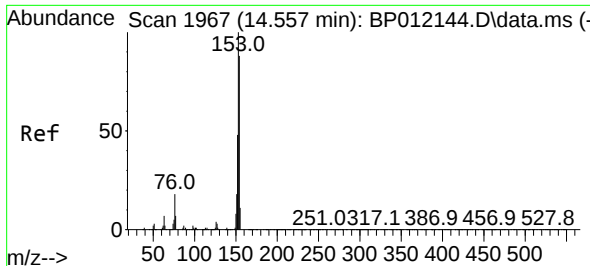


#47
Dimethylphthalate
Concen: 1.345 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53



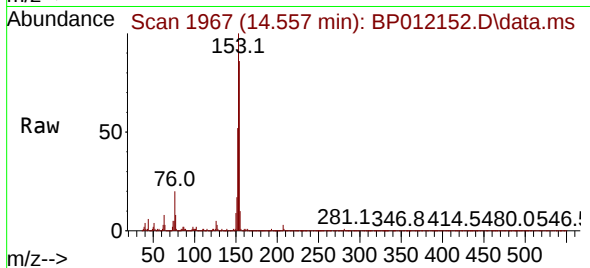
Tgt Ion:163 Resp: 49456
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.5 7.9 11.9





#52
Acenaphthene
Concen: 2.113 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

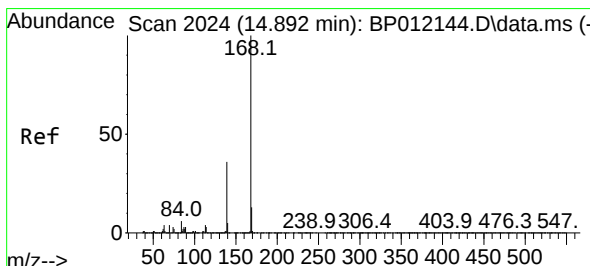
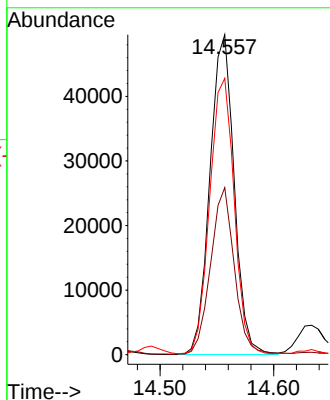
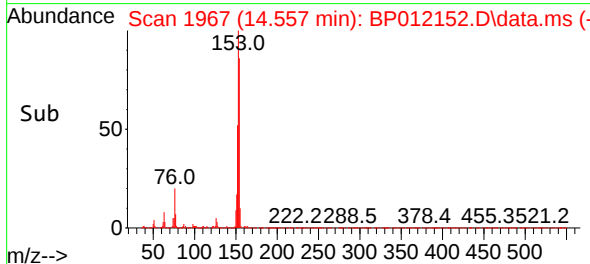
Instrument :
BNA_P
ClientSampleId :
BGNB4



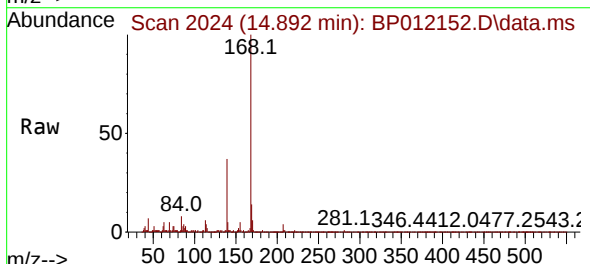
Tgt Ion:153 Resp: 73497
Ion Ratio Lower Upper
153 100
152 52.2 38.2 57.2
154 86.4 70.6 105.8

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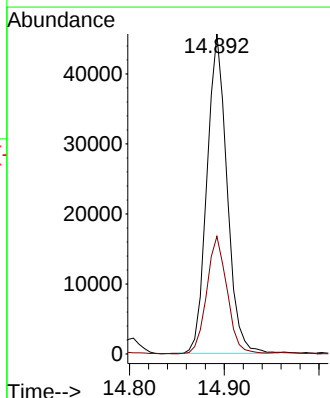
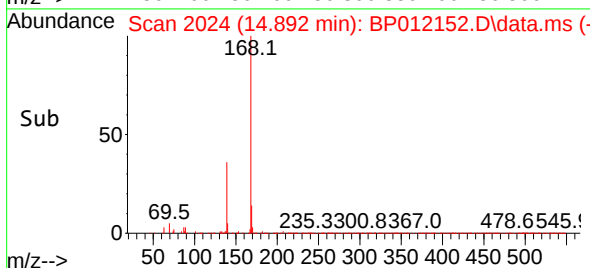
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

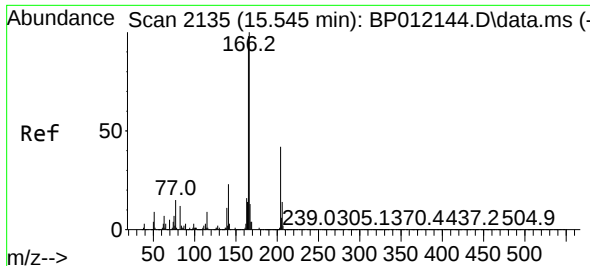


#56
Dibenzofuran
Concen: 1.426 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53



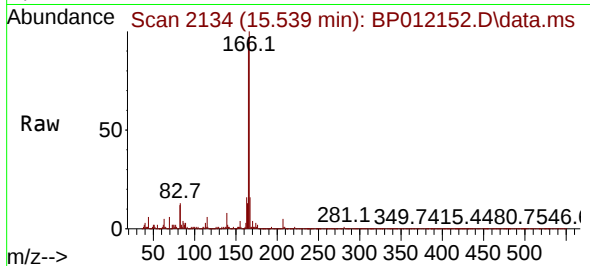
Tgt Ion:168 Resp: 67037
Ion Ratio Lower Upper
168 100
139 36.8 28.2 42.4





#61
Fluorene
Concen: 1.681 ng/ul
RT: 15.539 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

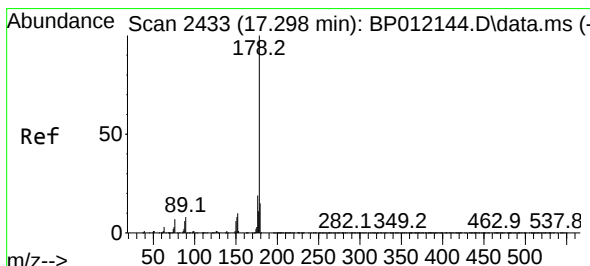
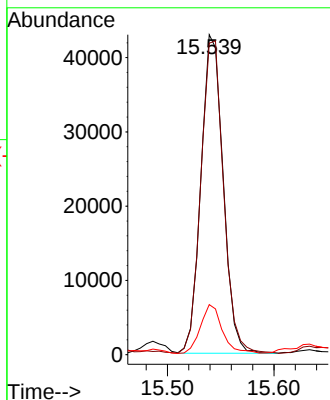
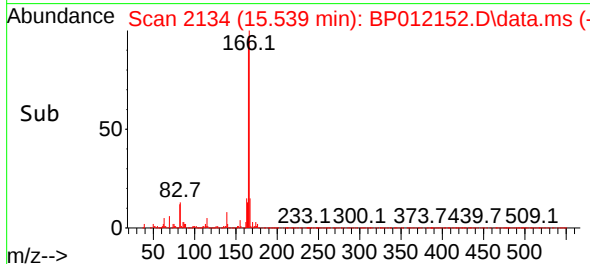
Instrument :
BNA_P
ClientSampleId :
BGNB4



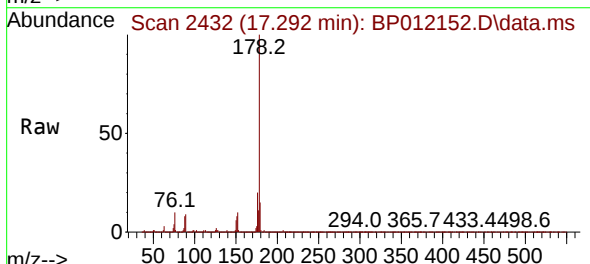
Tgt Ion:166 Resp: 62030
Ion Ratio Lower Upper
166 100
165 97.3 79.5 119.3
167 15.6 10.9 16.3

Manual Integrations
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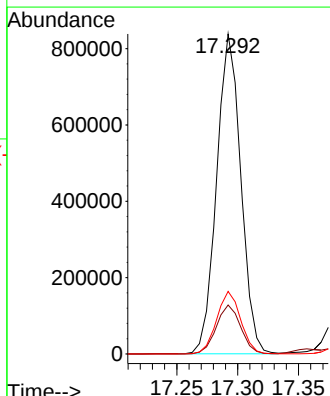
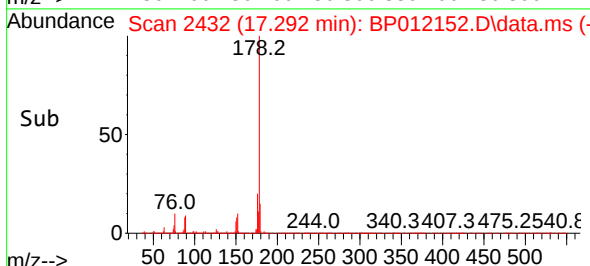
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

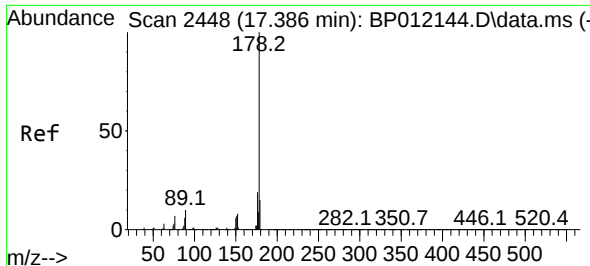


#72
Phenanthrene
Concen: 18.068 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53



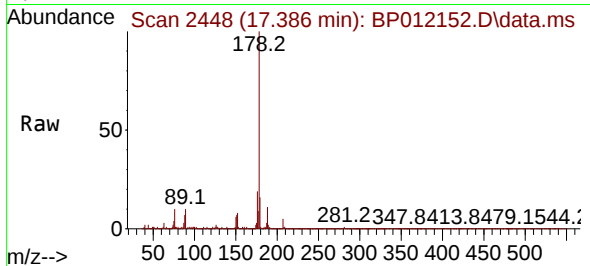
Tgt Ion:178 Resp: 1157567
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.6 15.8 23.6





#74
 Anthracene
 Concen: 2.750 ng/ul
 RT: 17.386 min Scan# 2448
 Delta R.T. -0.006 min
 Lab File: BP012152.D
 Acq: 14 Oct 2022 23:53

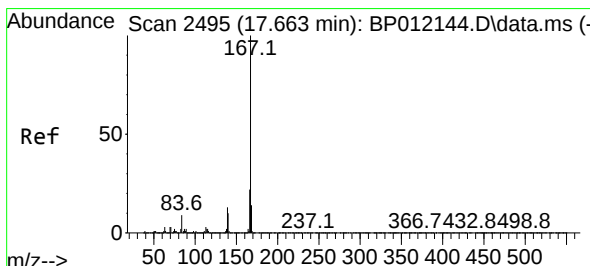
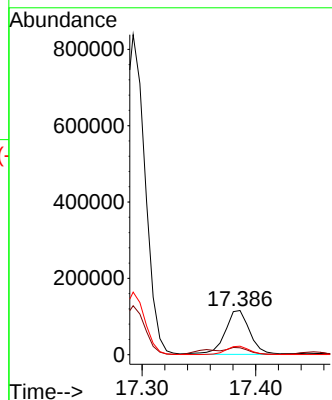
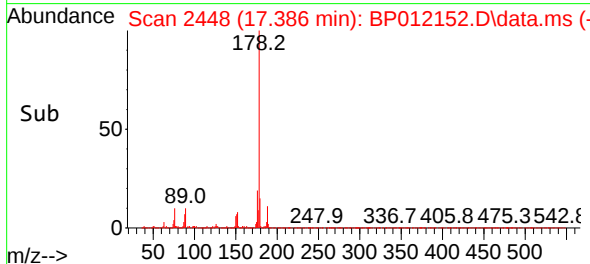
Instrument :
 BNA_P
 ClientSampleId :
 BGNB4



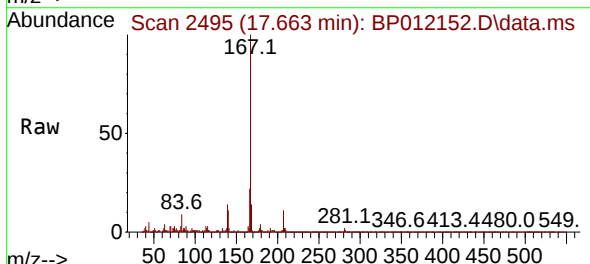
Tgt Ion:178 Resp: 17436
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.4
 176 19.4 14.8 22.2

Manual Integrations
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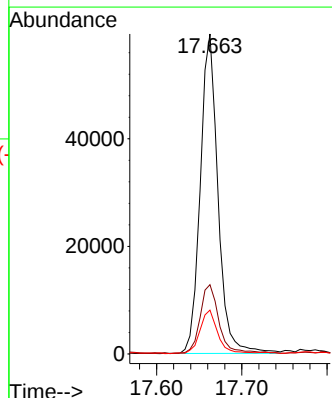
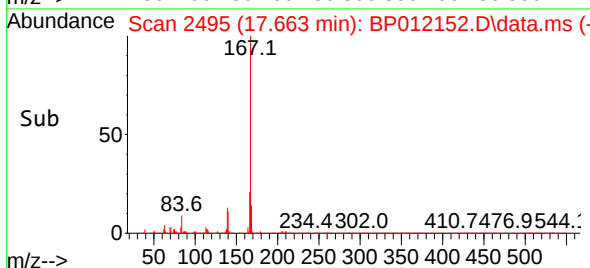
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

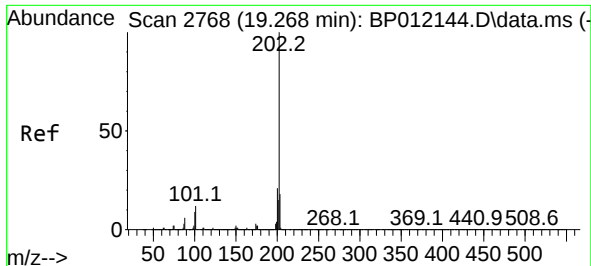


#77
 Carbazole
 Concen: 1.518 ng/ul
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP012152.D
 Acq: 14 Oct 2022 23:53



Tgt Ion:167 Resp: 85830
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.7 10.1 15.1





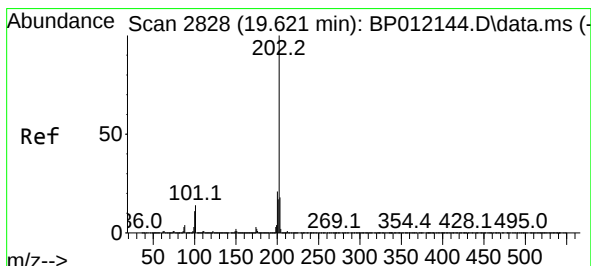
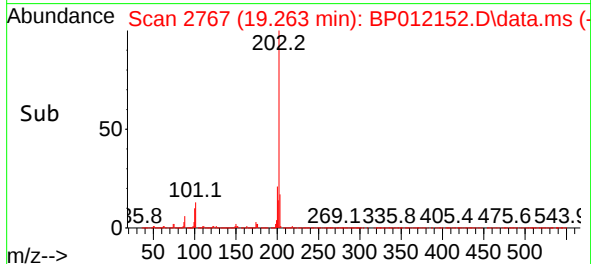
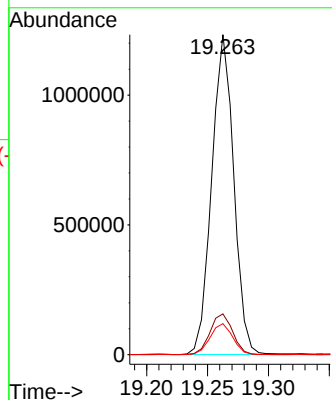
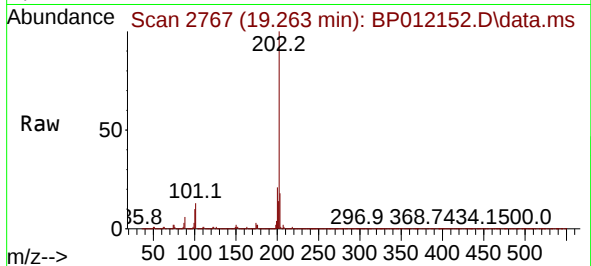
#80
Fluoranthene
Concen: 19.491 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

Instrument :
BNA_P
ClientSampleId :
BGNB4

Tgt Ion:202 Resp: 155017
Ion Ratio Lower Upper
202 100
101 12.7 9.0 13.6
100 9.7 7.0 10.6

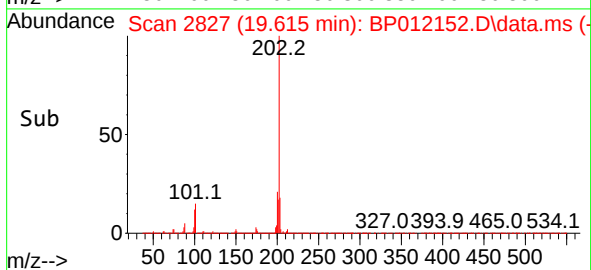
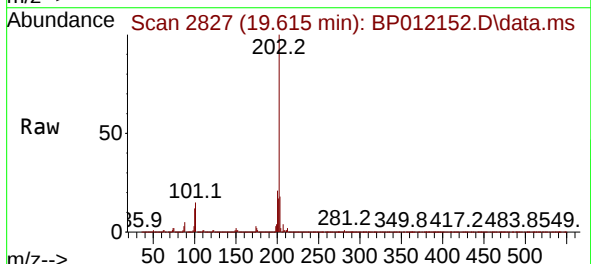
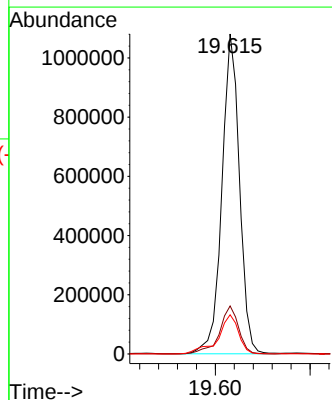
Manual Integrations
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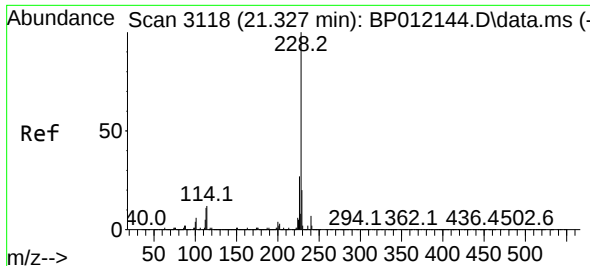
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 16.563 ng/u1
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

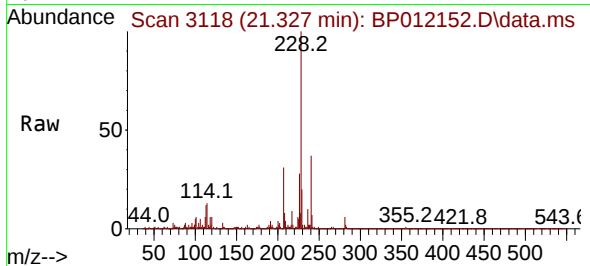
Tgt Ion:202 Resp: 1394109
Ion Ratio Lower Upper
202 100
101 15.0 10.4 15.6
100 12.3 8.5 12.7





#85
Benzo(a)anthracene
Concen: 9.887 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

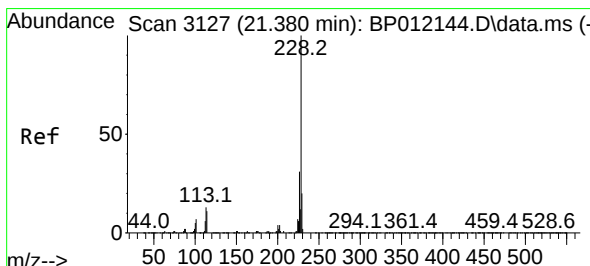
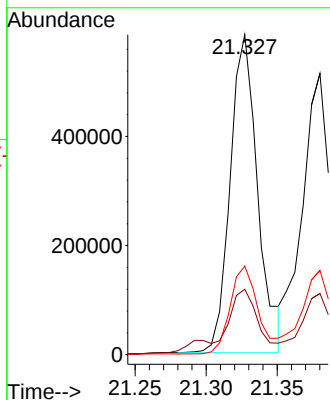
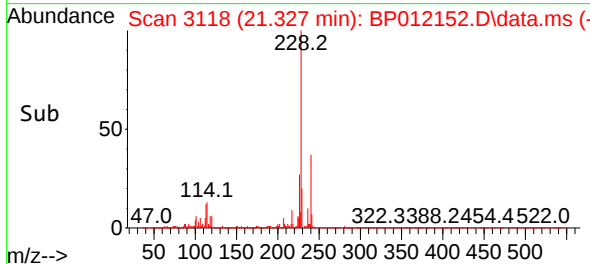
Instrument :
BNA_P
ClientSampleId :
BGNB4



Tgt Ion:228 Resp: 788444
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.7 21.9 32.9

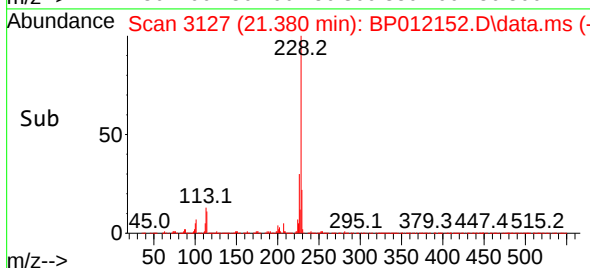
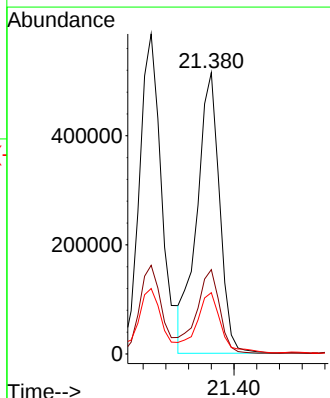
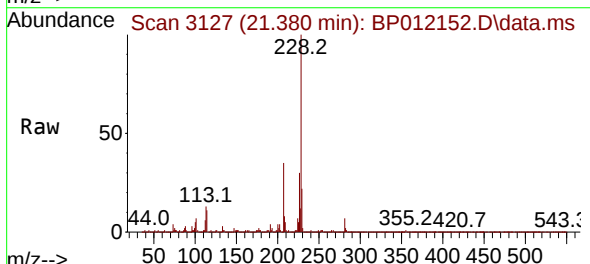
Manual Integrations
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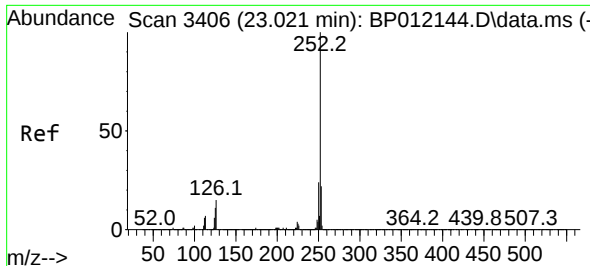
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#87
Chrysene
Concen: 9.325 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

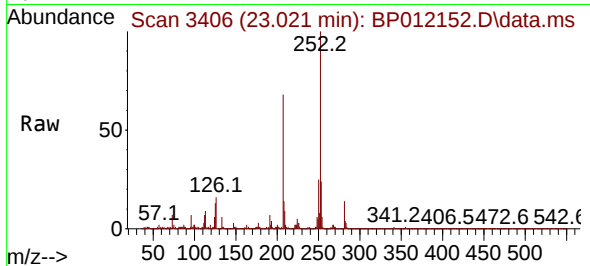
Tgt Ion:228 Resp: 715800
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 11.357 ng/ul
RT: 23.021 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

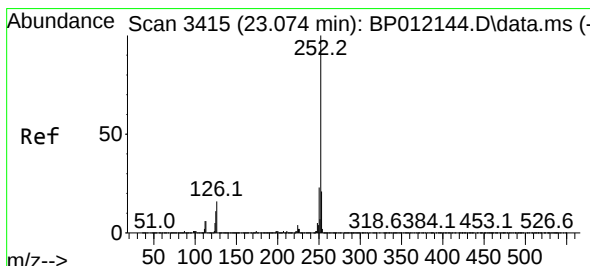
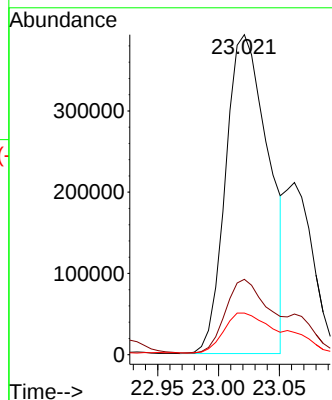
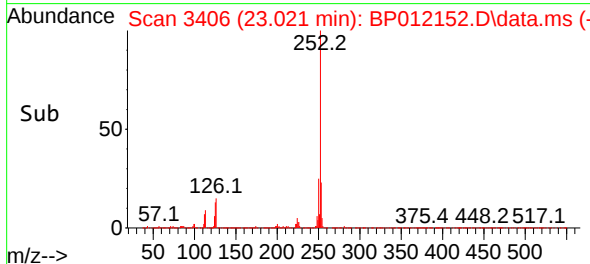
Instrument :
BNA_P
ClientSampleId :
BGNB4



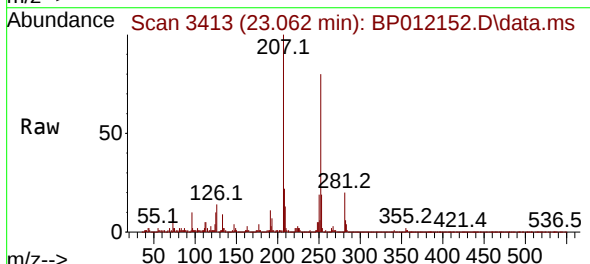
Tgt Ion:252 Resp: 960852
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 13.0 7.8 11.8

Manual Integrations
APPROVED

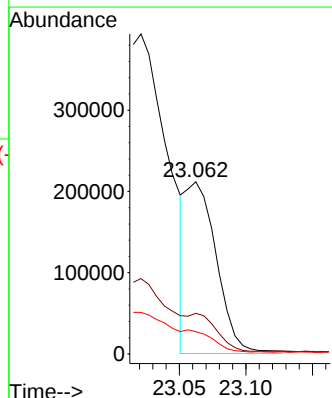
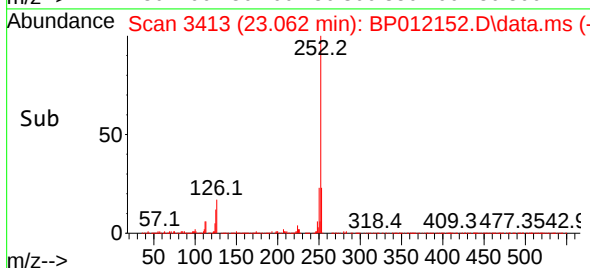
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

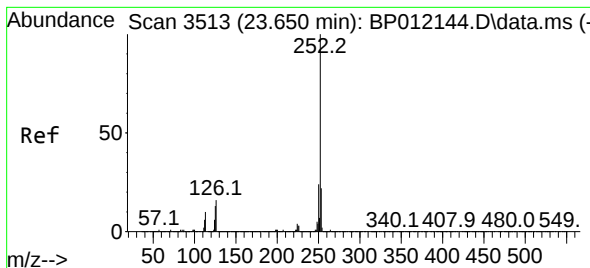


#91
Benzo(k)fluoranthene
Concen: 4.073 ng/ul m
RT: 23.062 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53



Tgt Ion:252 Resp: 338967
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.9 8.2 12.2





#93

Benzo(a)pyrene

Concen: 9.404 ng/ul

RT: 23.651 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP012152.D

Acq: 14 Oct 2022 23:53

Instrument :

BNA_P

ClientSampleId :

BGNB4

Tgt Ion:252 Resp: 70980

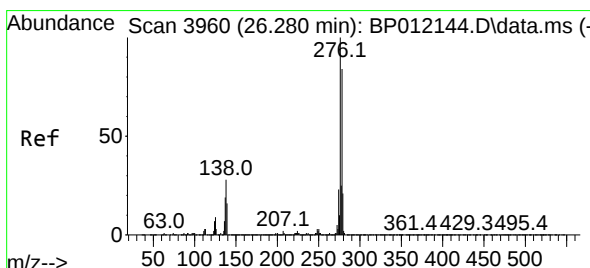
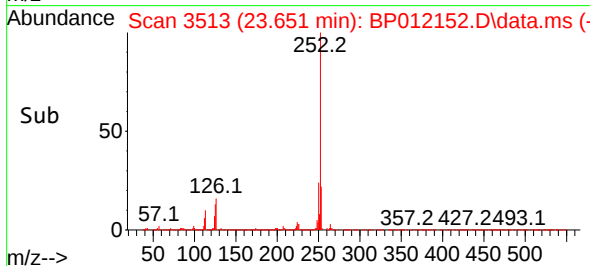
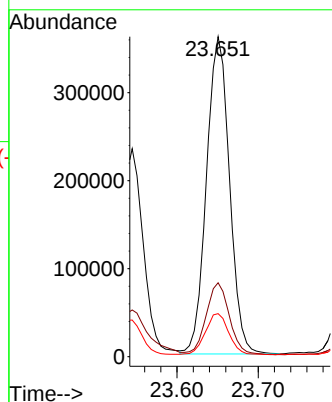
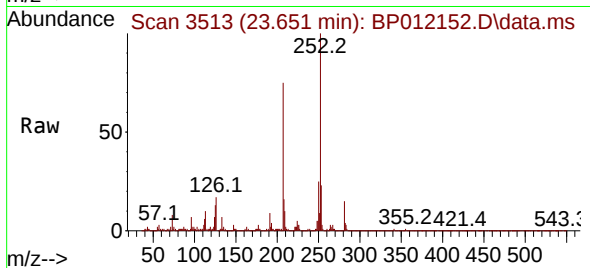
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.4	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.688 ng/ul

RT: 26.256 min Scan# 3956

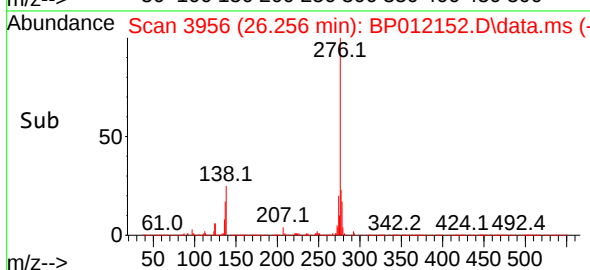
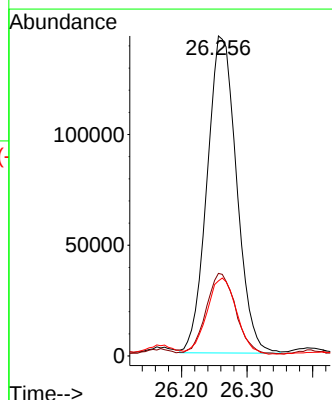
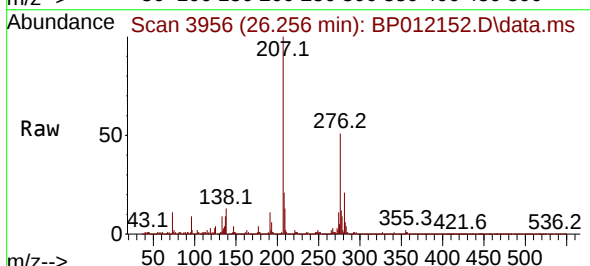
Delta R.T. -0.024 min

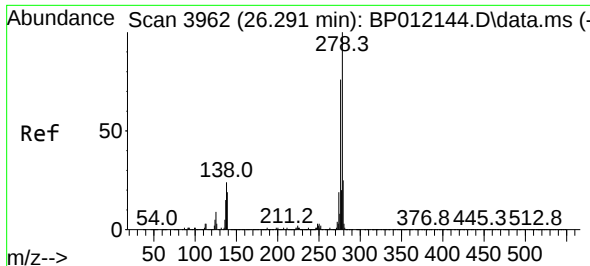
Lab File: BP012152.D

Acq: 14 Oct 2022 23:53

Tgt Ion:276 Resp: 447378

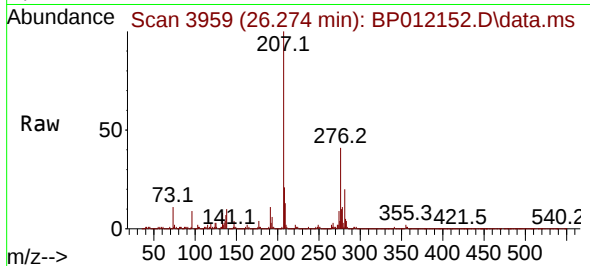
Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.1	28.7
277	23.4	19.9	29.9





#95
Dibenzo(a,h)anthracene
Concen: 1.269 ng/ul
RT: 26.274 min Scan# 3962
Delta R.T. -0.024 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53

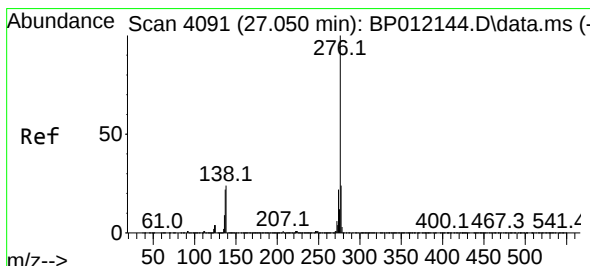
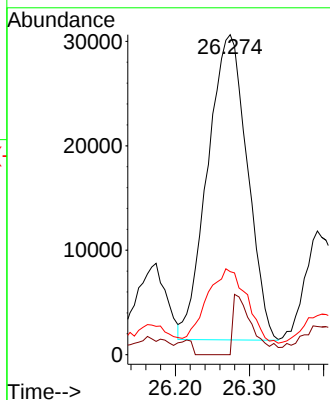
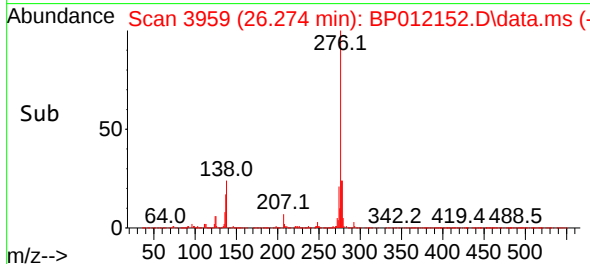
Instrument :
BNA_P
ClientSampleId :
BGNB4



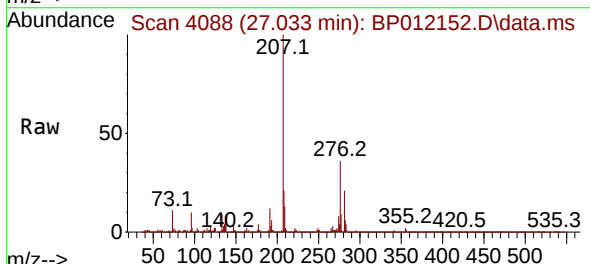
Tgt Ion:278 Resp: 10865
Ion Ratio Lower Upper
278 100
139 0.0 12.5 18.7
279 25.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#96
Benzo(g,h,i)perylene
Concen: 3.949 ng/ul
RT: 27.033 min Scan# 4088
Delta R.T. -0.024 min
Lab File: BP012152.D
Acq: 14 Oct 2022 23:53



Tgt Ion:276 Resp: 339777
Ion Ratio Lower Upper
276 100
138 25.9 16.5 24.7
277 23.6 19.0 28.4

