

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012253.D
 Acq On : 21 Oct 2022 19:32
 Operator : CG/JU
 Sample : N5064-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BH7

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:34:26 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)

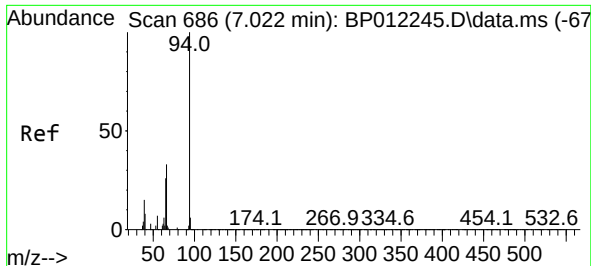
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	468182	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1965178	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1129901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	1965557	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1610908	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1881600	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	44814	3.874	ng/uL	0.00
4) Pyridine-d5	3.693	84	58655	1.760	ng/u1	0.01
7) Phenol-d5	6.993	99	863397	21.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	545420	22.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	703672	22.872	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	538729	17.149	ng/u1	-0.01
21) Nitrobenzene-d5	8.987	128	360151	24.759	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.710	143	393953	25.102	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	658682	22.375	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	691397	16.530	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1905939	24.249	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2193777	24.453	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	198772	13.499	ng/u1	0.00
60) Fluorene-d10	15.469	176	1601624	23.686	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	145361	13.000	ng/u1	0.00
73) Anthracene-d10	17.334	188	2078466	24.124	ng/u1	0.00
81) Pyrene-d10	19.575	212	2083984	22.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	2232361	23.658	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.016	94	46872	1.108	ng/u1#	88
30) Naphthalene	10.675	128	127801	1.216	ng/u1	99
72) Phenanthrene	17.275	178	1467025	13.887	ng/u1	99
74) Anthracene	17.363	178	298285	2.854	ng/u1	99
77) Carbazole	17.645	167	186980	2.027	ng/u1	99
80) Fluoranthene	19.245	202	1911089	16.862	ng/u1	98
82) Pyrene	19.598	202	1619505	13.967	ng/u1	98
85) Benzo(a)anthracene	21.310	228	893869	8.514	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	68834	1.089	ng/u1	99
87) Chrysene	21.363	228	931613	9.509	ng/u1	98
90) Benzo(b)fluoranthene	22.998	252	1344960	10.726	ng/u1	98
91) Benzo(k)fluoranthene	23.039	252	344925m	2.791	ng/u1	
93) Benzo(a)pyrene	23.621	252	855941	7.982	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.221	276	632220	5.093	ng/u1	94
95) Dibenzo(a,h)anthracene	26.233	278	177856	1.589	ng/u1#	80
96) Benzo(g,h,i)perylene	26.992	276	514641	4.415	ng/u1	97

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

Manual Integrations

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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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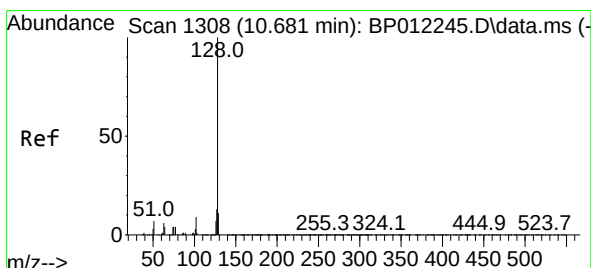
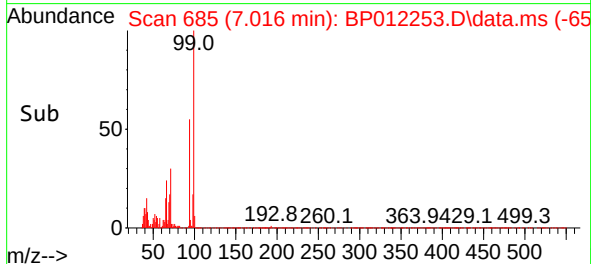
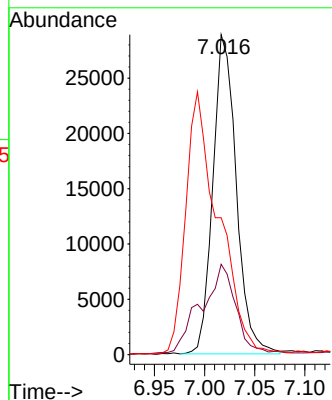
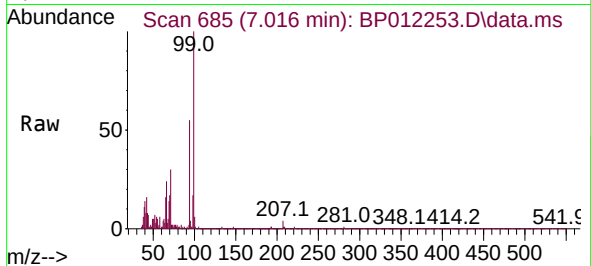
#8
Phenol
Concen: 1.108 ng/ul
RT: 7.016 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

Instrument :
BNA_P
ClientSampleId :
COBH7

Tgt Ion: 94 Resp: 46872
Ion Ratio Lower Upper
94 100
65 28.2 20.6 31.0
66 42.8 26.2 39.4

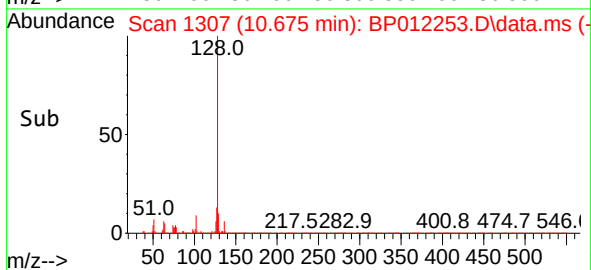
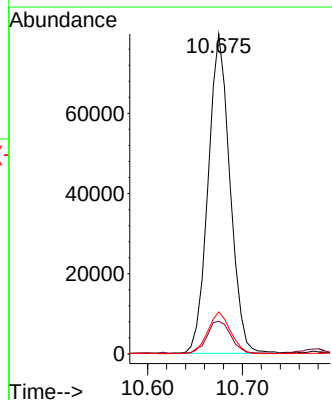
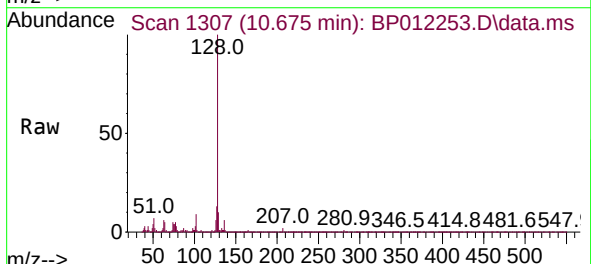
Manual Integrations
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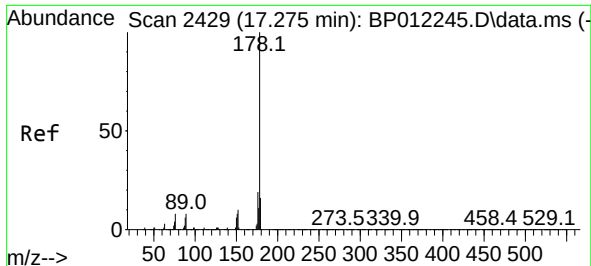
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 1.216 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

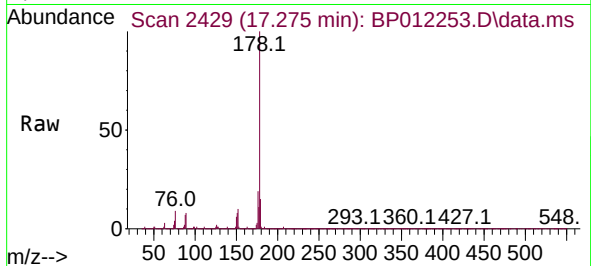
Tgt Ion:128 Resp: 127801
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.1 10.2 15.4





#72
Phenanthrene
Concen: 13.887 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

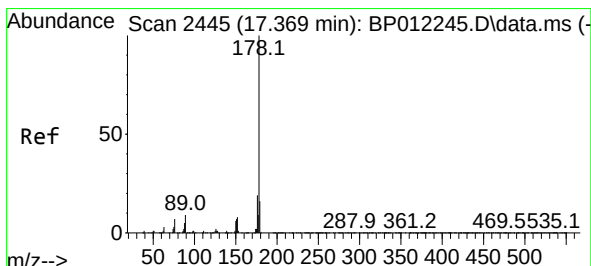
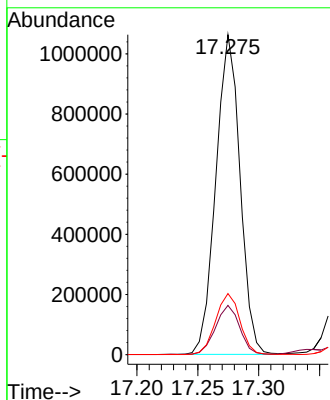
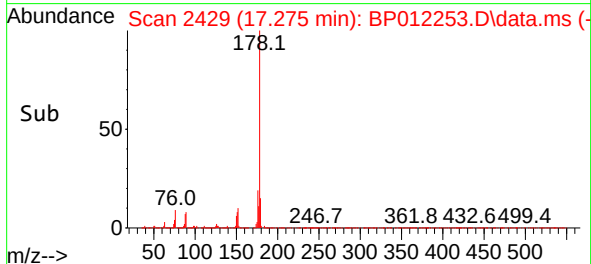
Instrument :
BNA_P
ClientSampleId :
C0BH7



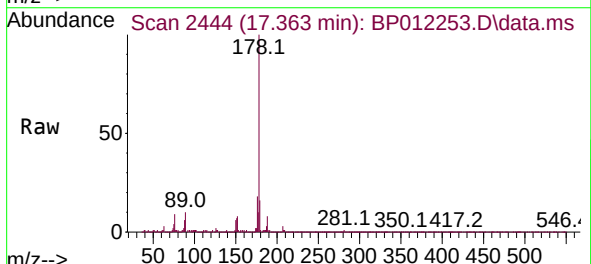
Tgt Ion:178 Resp: 1467025
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

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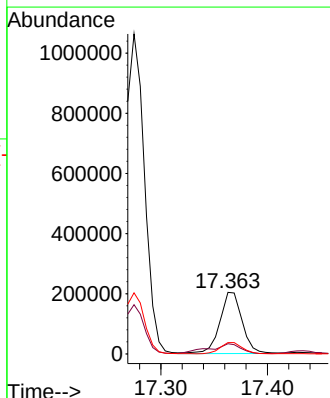
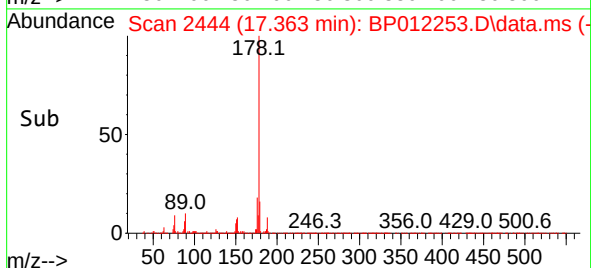
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

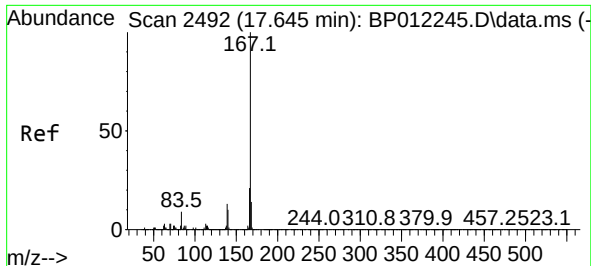


#74
Anthracene
Concen: 2.854 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32



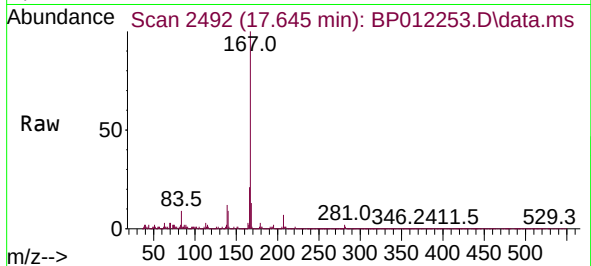
Tgt Ion:178 Resp: 298285
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 18.4 15.0 22.4





#77
 Carbazole
 Concen: 2.027 ng/ul
 RT: 17.645 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP012253.D
 Acq: 21 Oct 2022 19:32

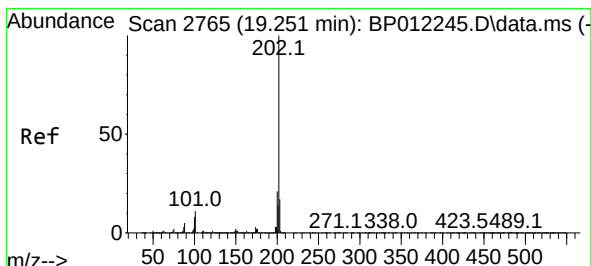
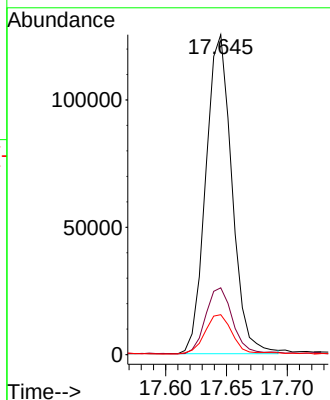
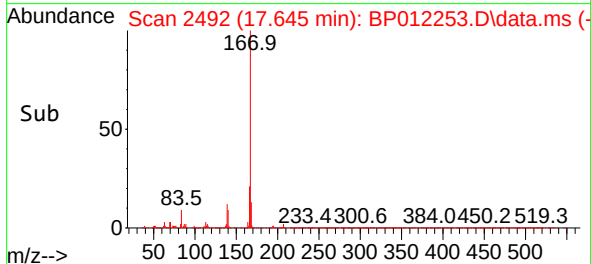
Instrument :
 BNA_P
 ClientSampleId :
 C0BH7



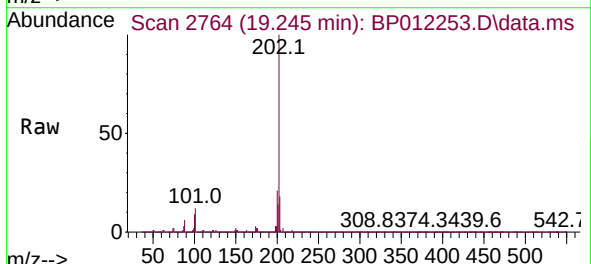
Tgt Ion:167 Resp: 186980
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 12.5 10.2 15.4

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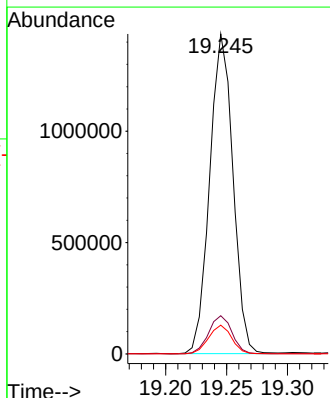
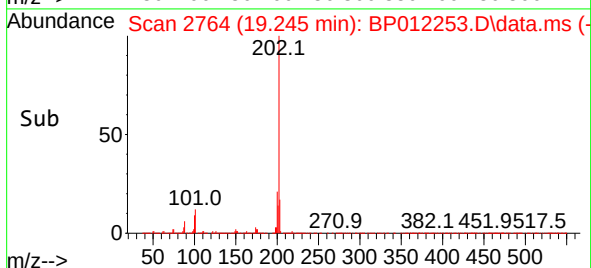
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

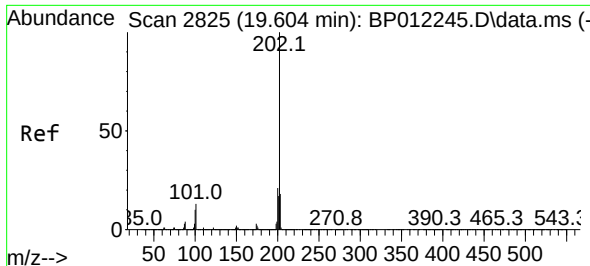


#80
 Fluoranthene
 Concen: 16.862 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BP012253.D
 Acq: 21 Oct 2022 19:32



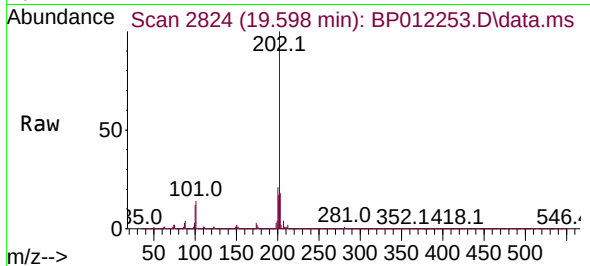
Tgt Ion:202 Resp: 1911089
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.4 15.6
 100 9.0 7.7 11.5





#82
Pyrene
Concen: 13.967 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

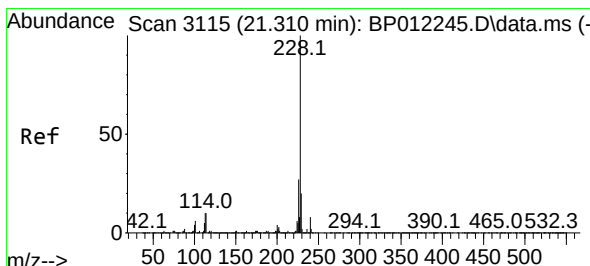
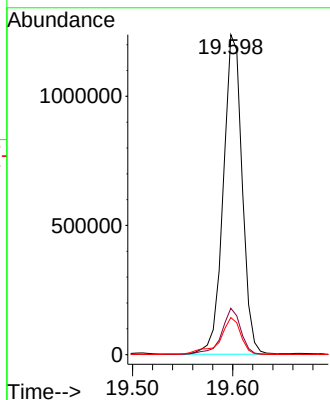
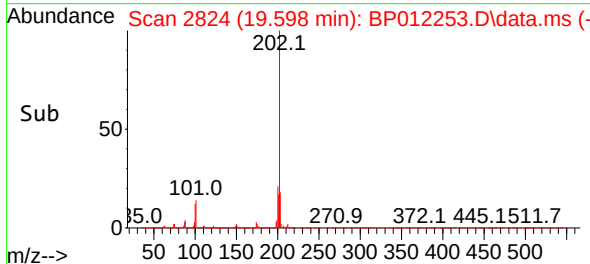
Instrument :
BNA_P
ClientSampleId :
C0BH7



Tgt Ion:202 Resp: 1619505
Ion Ratio Lower Upper
202 100
101 14.5 12.3 18.5
100 11.6 10.0 15.0

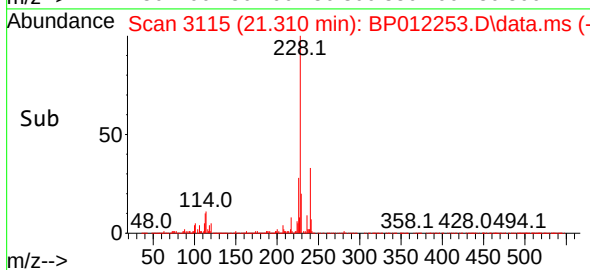
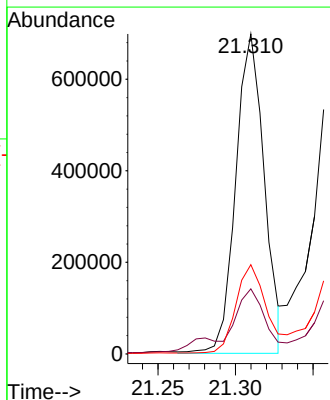
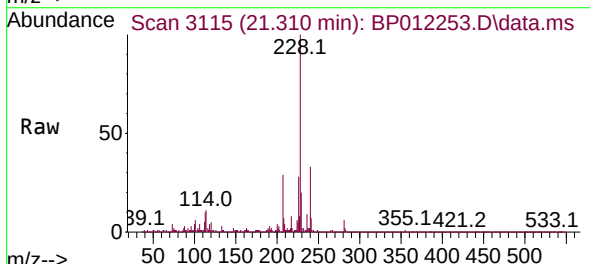
Manual Integrations
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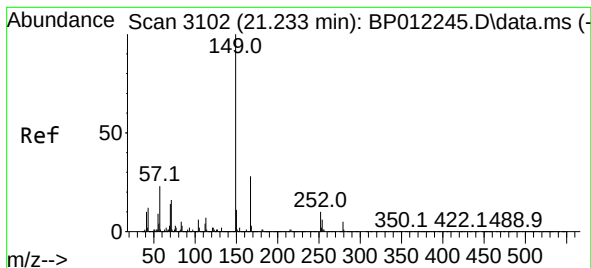
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#85
Benzo(a)anthracene
Concen: 8.514 ng/ul
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

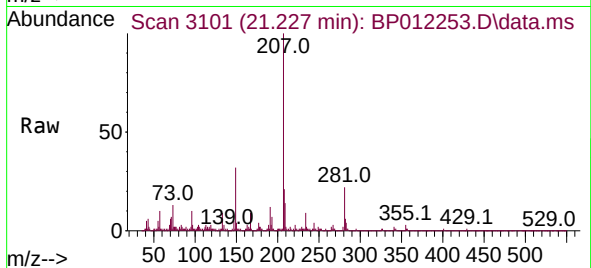
Tgt Ion:228 Resp: 893869
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 27.9 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.089 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

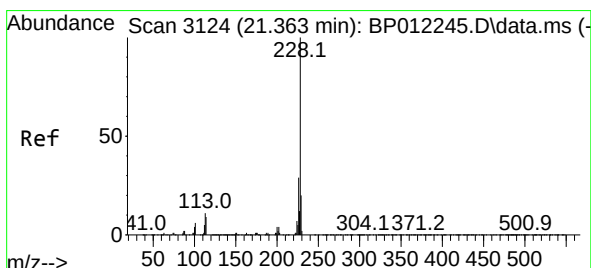
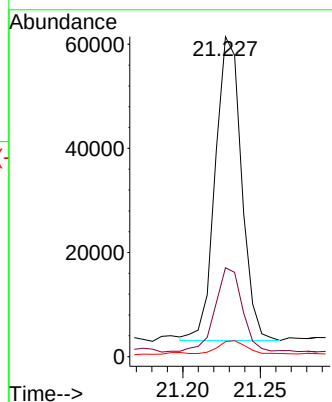
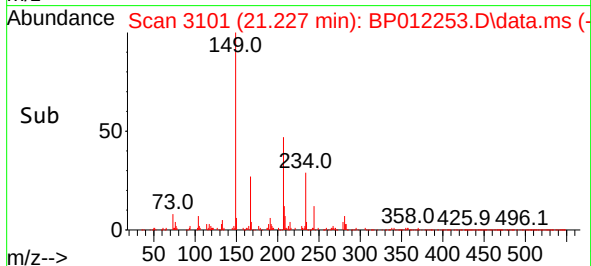
Instrument :
BNA_P
ClientSampleId :
C0BH7



Tgt Ion:149 Resp: 68834
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.7 3.4 5.0

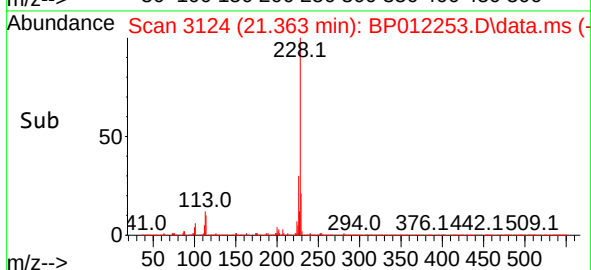
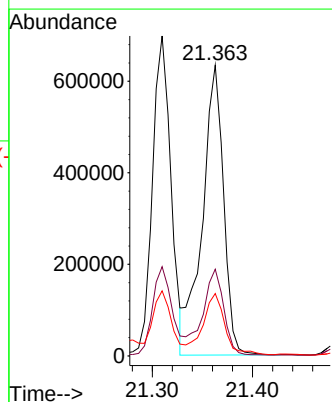
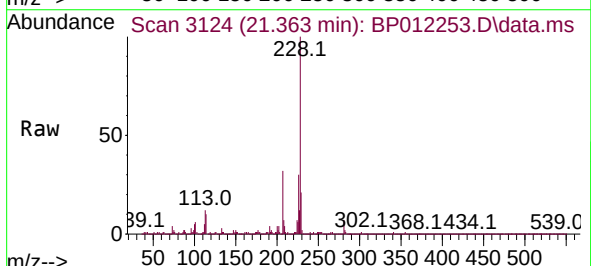
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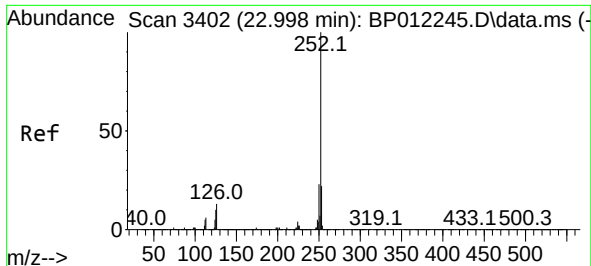
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 9.509 ng/ul
RT: 21.363 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

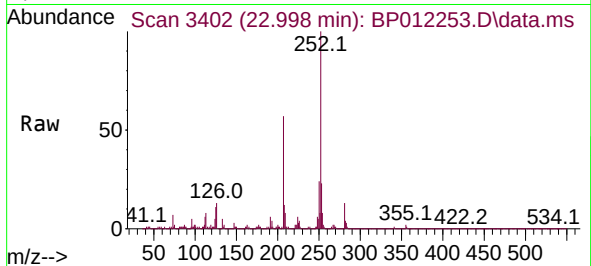
Tgt Ion:228 Resp: 931613
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 21.4 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 10.726 ng/ul
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

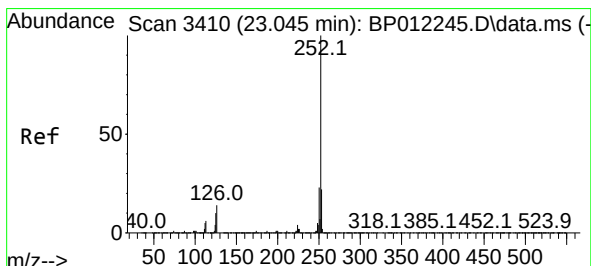
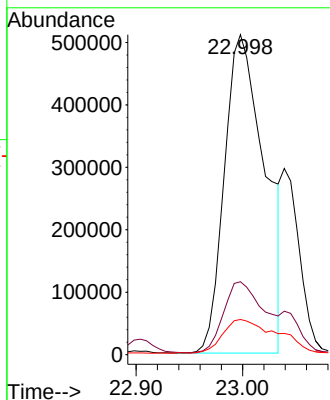
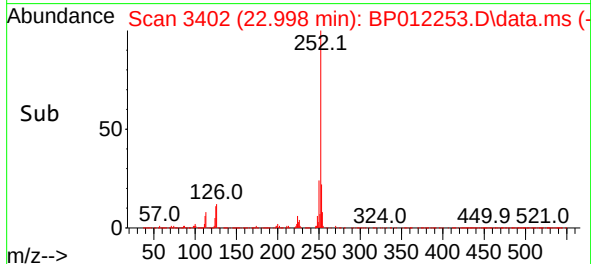
Instrument :
BNA_P
ClientSampleId :
C0BH7



Tgt Ion:252 Resp: 1344960
Ion Ratio Lower Upper
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253 22.8 17.5 26.3
125 11.0 8.5 12.7

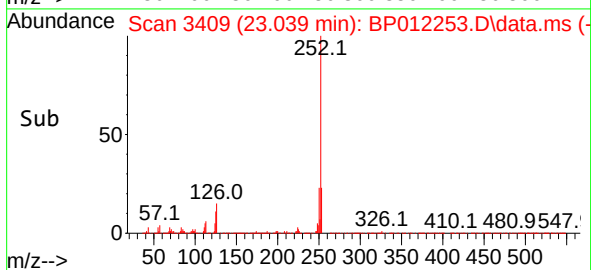
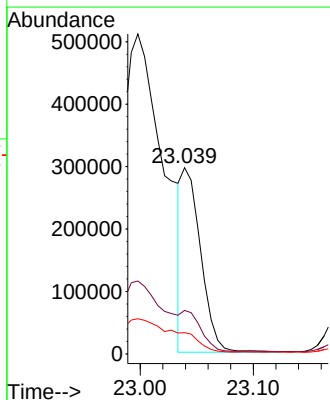
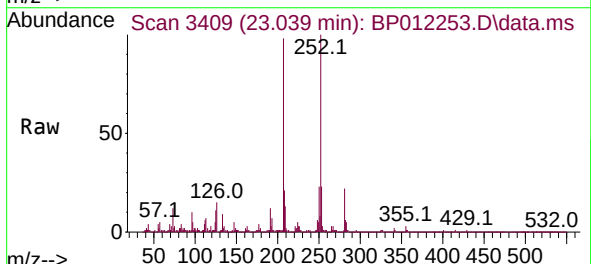
Manual Integrations
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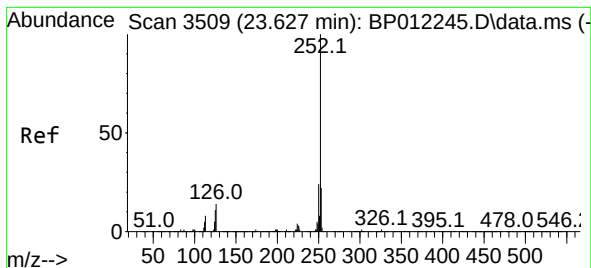
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#91
Benzo(k)fluoranthene
Concen: 2.791 ng/ul m
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

Tgt Ion:252 Resp: 344925
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.4 8.6 13.0





#93

Benzo(a)pyrene

Concen: 7.982 ng/ul

RT: 23.621 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BP012253.D

Acq: 21 Oct 2022 19:32

Instrument :

BNA_P

ClientSampleId :

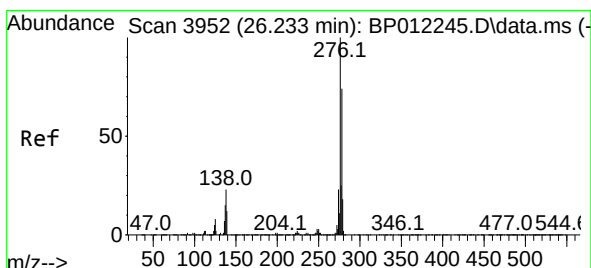
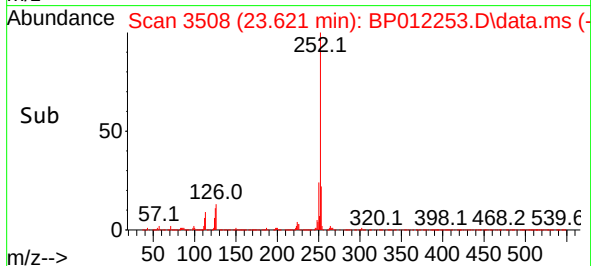
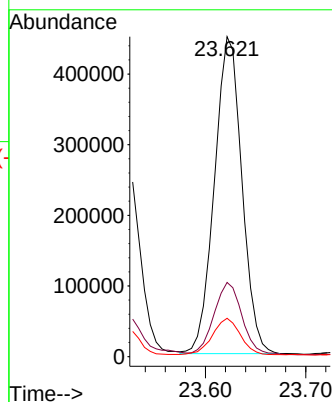
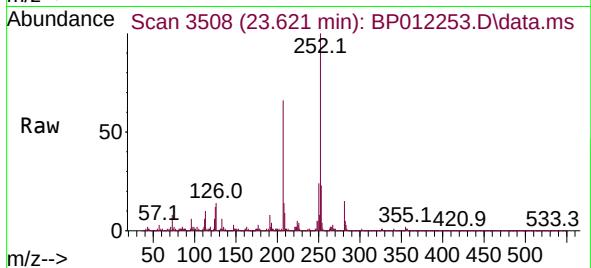
C0BH7

Tgt Ion:	252	Resp:	85594
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.0	9.7	14.5

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.093 ng/ul

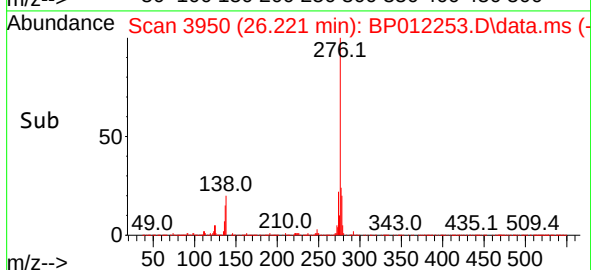
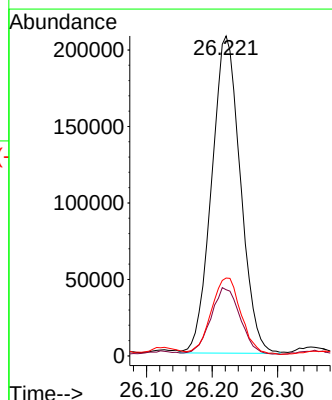
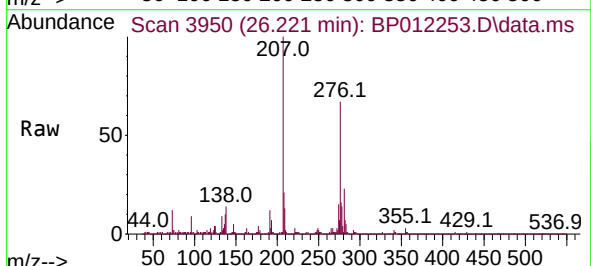
RT: 26.221 min Scan# 3950

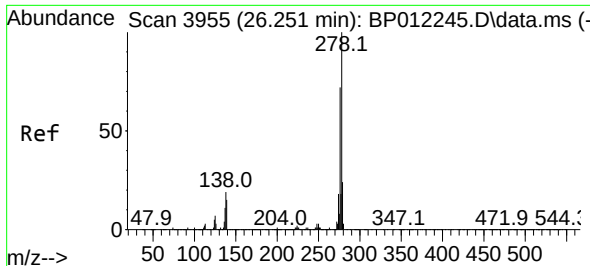
Delta R.T. -0.023 min

Lab File: BP012253.D

Acq: 21 Oct 2022 19:32

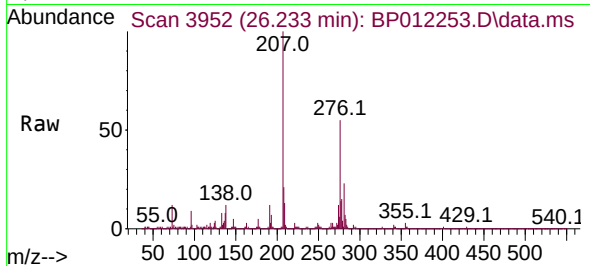
Tgt Ion:	276	Resp:	632220
Ion Ratio	Lower	Upper	
276	100		
138	20.7	20.3	30.5
277	24.3	20.2	30.4





#95
Dibenzo(a,h)anthracene
Concen: 1.589 ng/ul
RT: 26.233 min Scan# 3955
Delta R.T. -0.029 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32

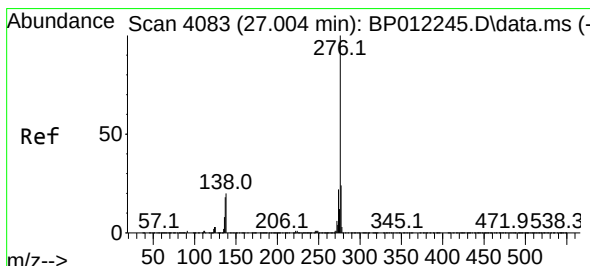
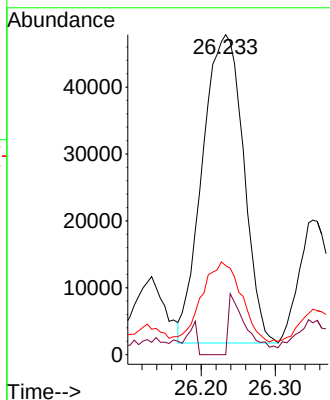
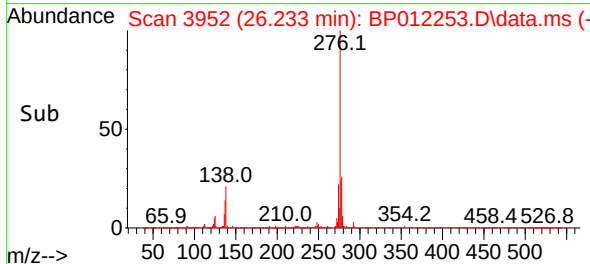
Instrument :
BNA_P
ClientSampleId :
C0BH7



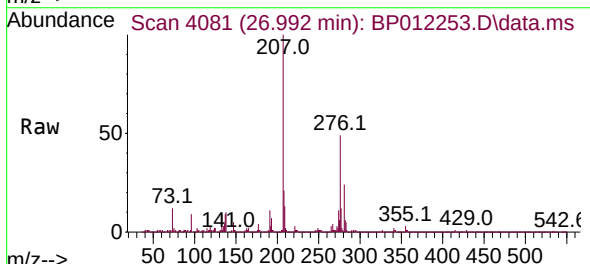
Tgt Ion: 278 Resp: 177856
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3
279 27.8 19.0 28.4

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 4.415 ng/ul
RT: 26.992 min Scan# 4081
Delta R.T. -0.017 min
Lab File: BP012253.D
Acq: 21 Oct 2022 19:32



Tgt Ion: 276 Resp: 514641
Ion Ratio Lower Upper
276 100
138 20.5 17.9 26.9
277 24.8 18.9 28.3

