

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012264.D
 Acq On : 22 Oct 2022 02:23
 Operator : CG/JU
 Sample : N5064-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BE5

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 03:48:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	379048	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1506038	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	840966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1664089	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1674843	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1867713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	39894	4.259	ng/uL	0.00
4) Pyridine-d5	3.687	84	123168	4.564	ng/u1	0.00
7) Phenol-d5	6.993	99	663677	20.281	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	483181	24.347	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	573246	23.014	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	240097	9.440	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	296040	26.556	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	323615	26.906	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	530625	23.520	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	384121	11.983	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1642362	28.075	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1874111	28.067	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	211959	19.340	ng/u1	0.00
60) Fluorene-d10	15.469	176	1432789	28.470	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	152900	16.151	ng/u1	0.00
73) Anthracene-d10	17.328	188	2067582	28.346	ng/u1	0.00
81) Pyrene-d10	19.569	212	2469111	25.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2595411	27.710	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.016	94	49047	1.433	ng/u1#	89
30) Naphthalene	10.675	128	343874	4.269	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	331544	6.050	ng/u1	99
37) 1-Methylnaphthalene	12.504	142	268345	4.904	ng/u1	98
50) Acenaphthylene	14.193	152	168690	2.267	ng/u1#	96
56) Dibenzofuran	14.869	168	150017	2.083	ng/u1	97
72) Phenanthrene	17.275	178	1591781	17.798	ng/u1	99
74) Anthracene	17.363	178	248961	2.813	ng/u1	99
77) Carbazole	17.639	167	187990	2.407	ng/u1	99
80) Fluoranthene	19.245	202	2363731	20.060	ng/u1	97
82) Pyrene	19.598	202	1948022	16.159	ng/u1	97
85) Benzo(a)anthracene	21.304	228	1072387	9.824	ng/u1	98
87) Chrysene	21.357	228	1162966	11.417	ng/u1	97
90) Benzo(b)fluoranthene	22.992	252	1570262	12.615	ng/u1	98
91) Benzo(k)fluoranthene	23.033	252	564401m	4.600	ng/u1	
93) Benzo(a)pyrene	23.616	252	956392	8.985	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.210	276	797413	6.472	ng/u1	96
95) Dibenzo(a,h)anthracene	26.227	278	212981	1.917	ng/u1#	93
96) Benzo(g,h,i)perylene	26.986	276	656596	5.675	ng/u1	98

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

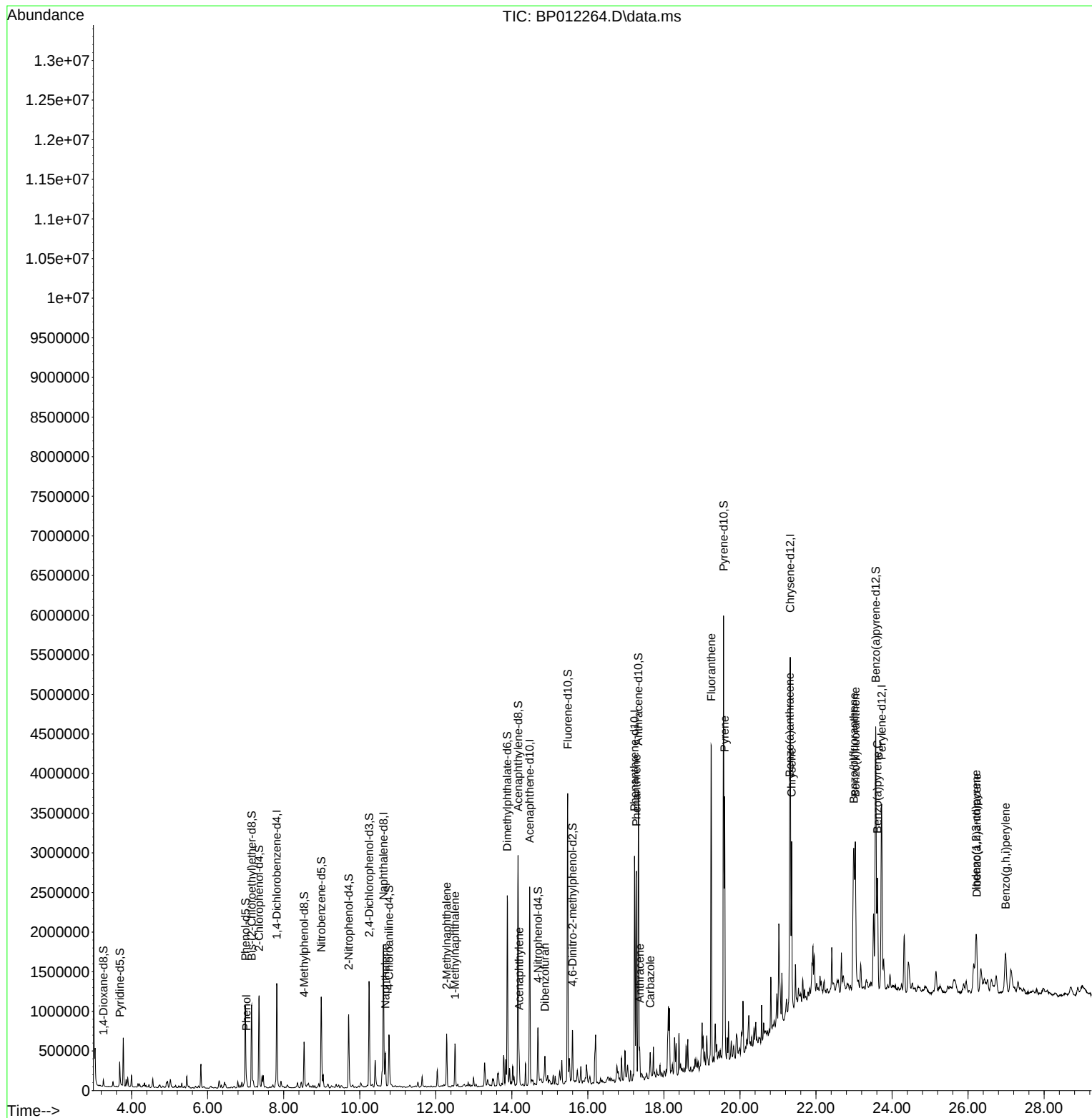
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012264.D
Acq On : 22 Oct 2022 02:23
Operator : CG/JU
Sample : N5064-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

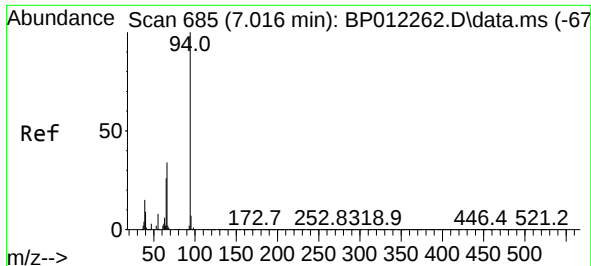
Instrument :
BNA_P
ClientSampleId :
C0BE5

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Supervised By :mohammad ahmed 10/24/2022

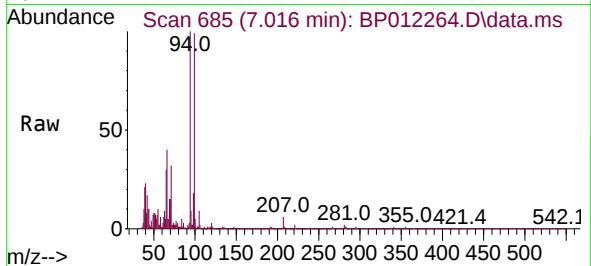
Quant Time: Oct 22 03:48:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 22 01:24:49 2022
Response via : Initial Calibration





#8
Phenol
Concen: 1.433 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

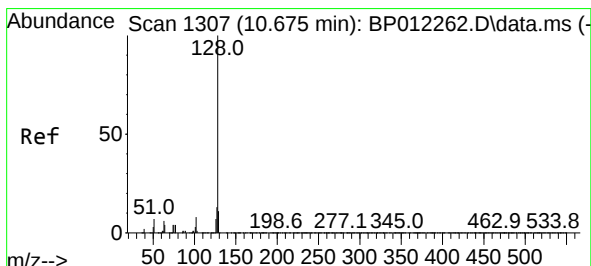
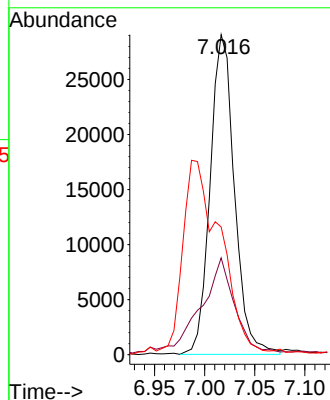
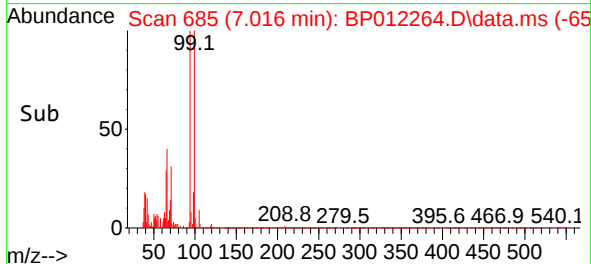
Instrument :
BNA_P
ClientSampleId :
C0BE5



Tgt Ion: 94 Resp: 4904
Ion Ratio Lower Upper
94 100
65 30.2 20.6 31.0
66 39.9 26.2 39.4

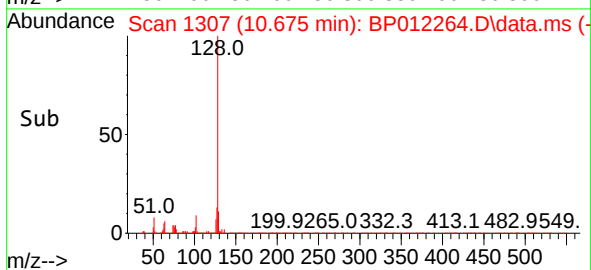
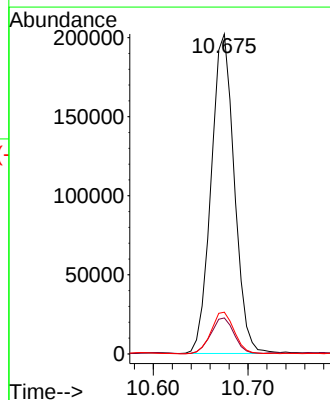
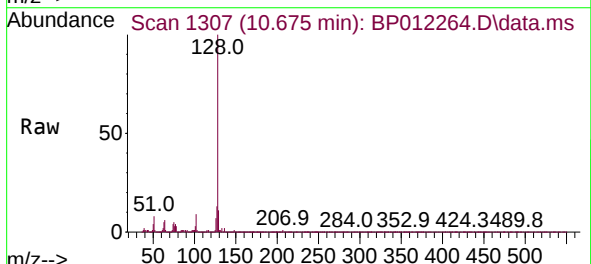
Manual Integrations
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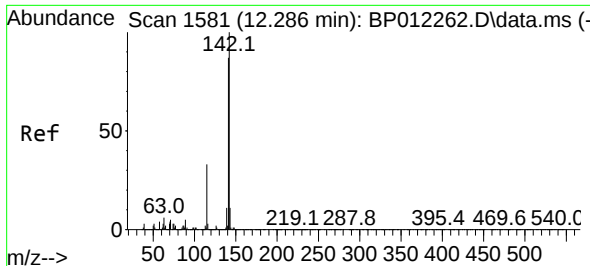
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 4.269 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

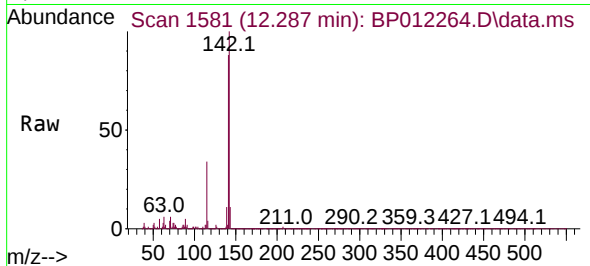
Tgt Ion:128 Resp: 343874
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.0 10.2 15.4





#36
2-Methylnaphthalene
Concen: 6.050 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

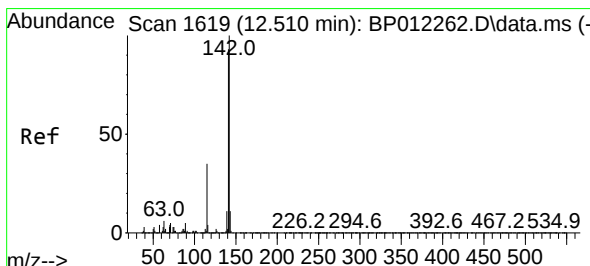
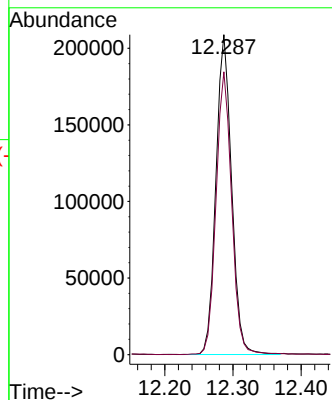
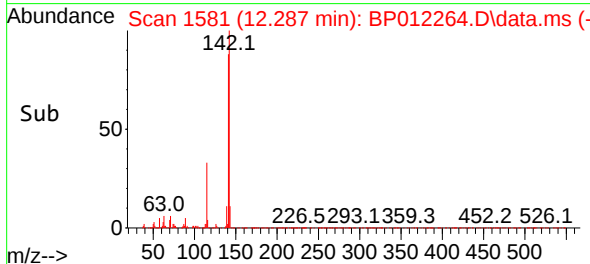
Instrument :
BNA_P
ClientSampleId :
C0BE5



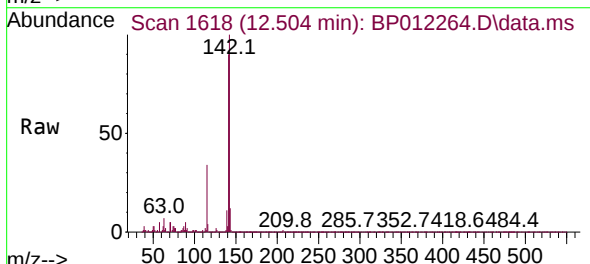
Tgt Ion:142 Resp: 331544
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

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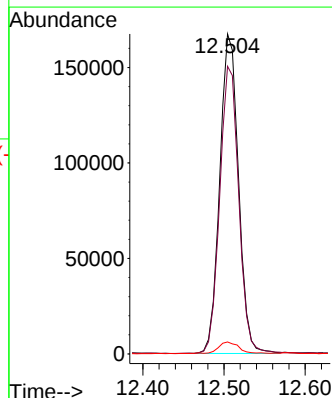
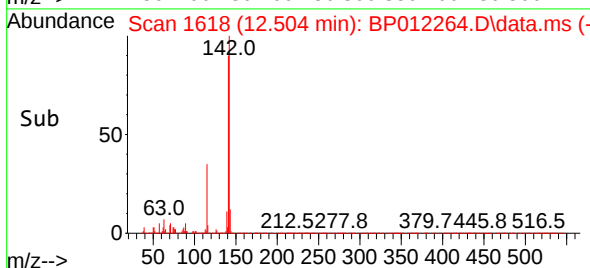
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

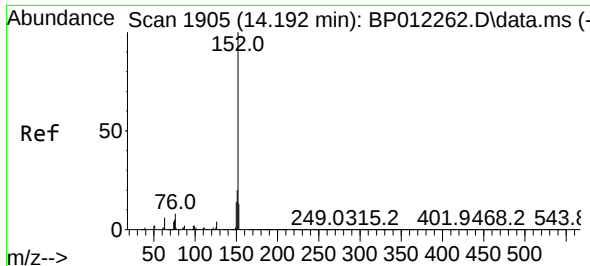


#37
1-Methylnaphthalene
Concen: 4.904 ng/ul
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23



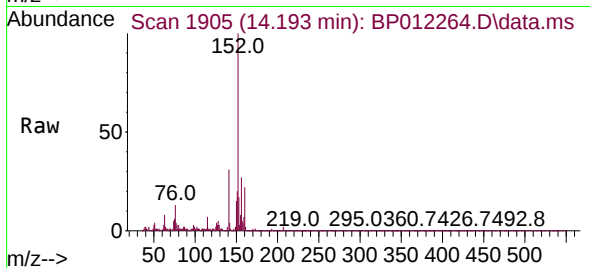
Tgt Ion:142 Resp: 268345
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.0
116 3.7 3.0 4.4





#50
Acenaphthylene
Concen: 2.267 ng/ul
RT: 14.193 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

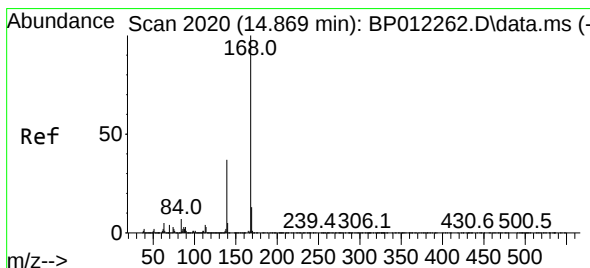
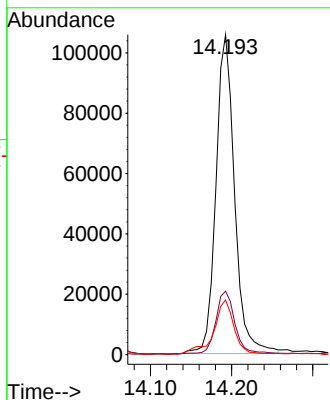
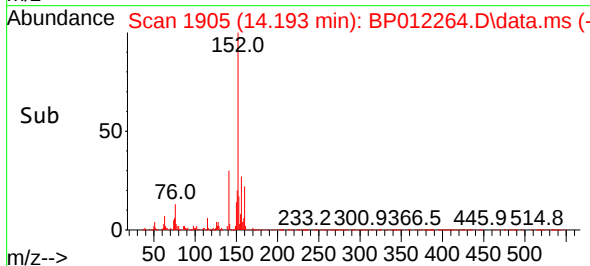
Instrument :
BNA_P
ClientSampleId :
C0BE5



Tgt Ion:152 Resp: 168690
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 17.1 10.6 16.0

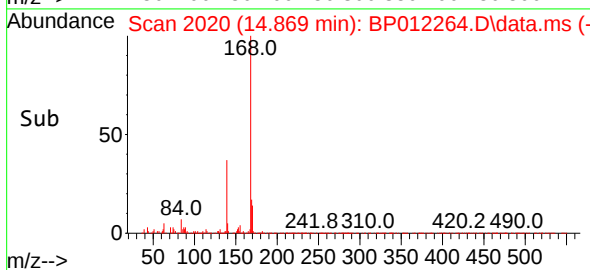
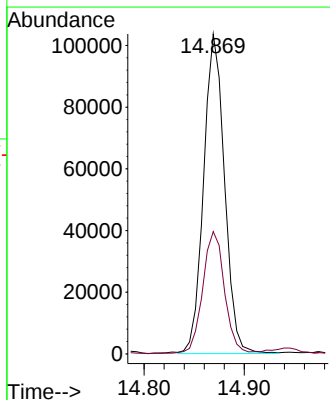
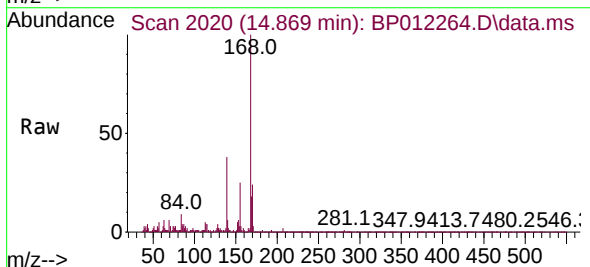
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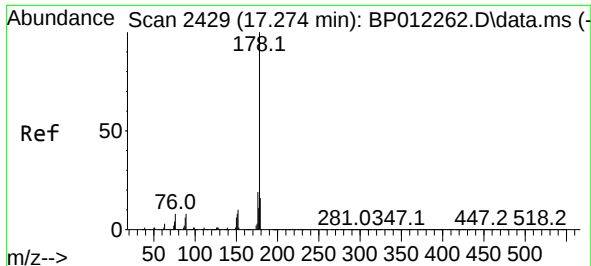
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#56
Dibenzofuran
Concen: 2.083 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

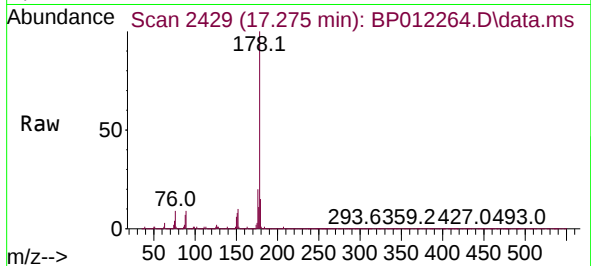
Tgt Ion:168 Resp: 150017
Ion Ratio Lower Upper
168 100
139 38.2 29.0 43.4





#72
Phenanthrene
Concen: 17.798 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

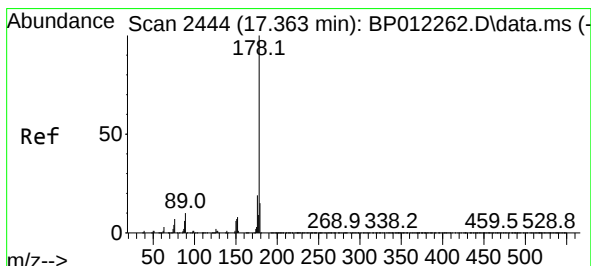
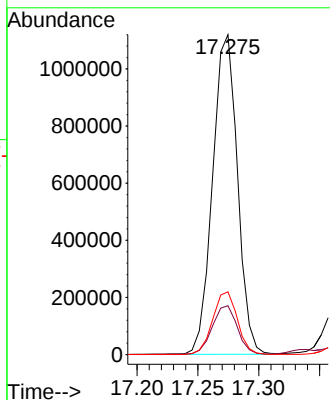
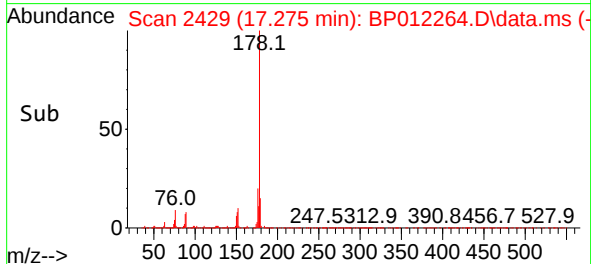
Instrument :
BNA_P
ClientSampleId :
C0BE5



Tgt Ion:178 Resp: 1591781
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.6 15.6 23.4

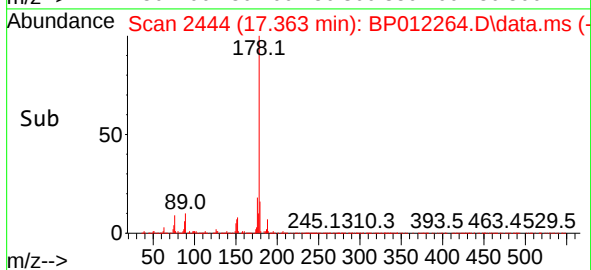
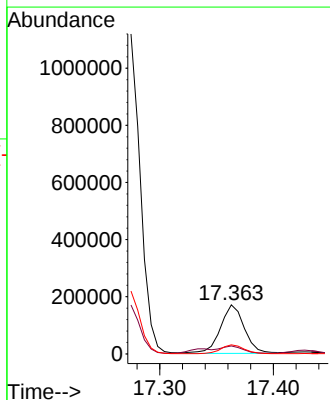
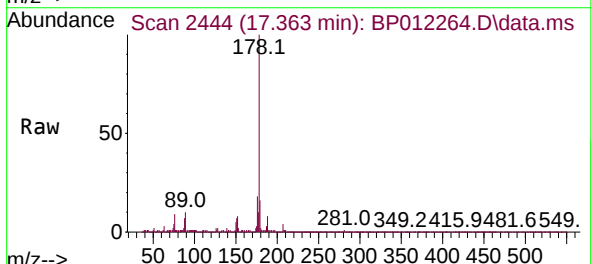
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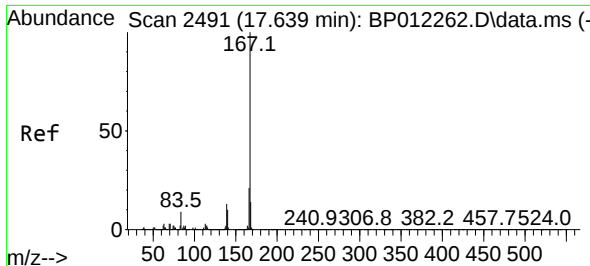
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#74
Anthracene
Concen: 2.813 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

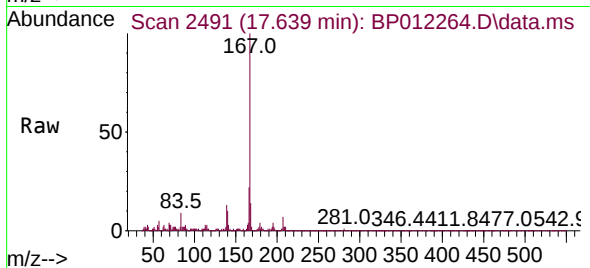
Tgt Ion:178 Resp: 248961
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 18.4 15.0 22.4





#77
 Carbazole
 Concen: 2.407 ng/ul
 RT: 17.639 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BP012264.D
 Acq: 22 Oct 2022 02:23

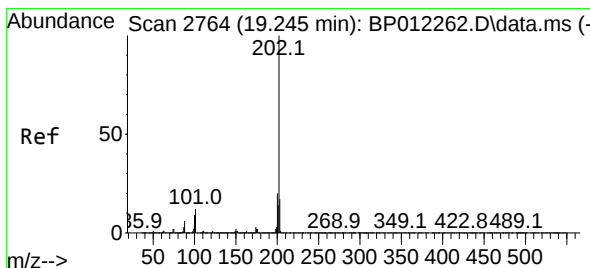
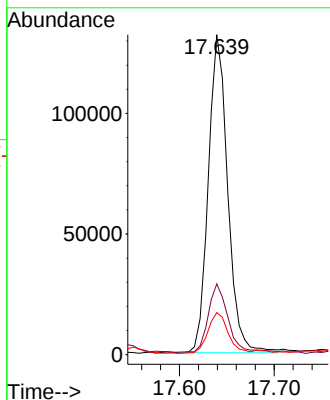
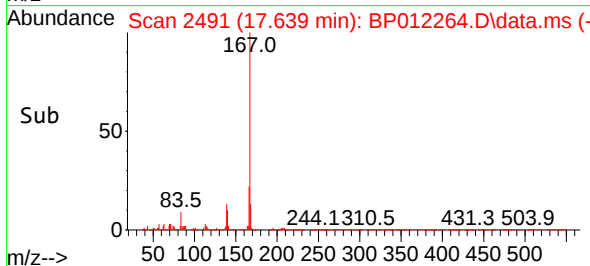
Instrument :
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 C0BE5



Tgt Ion:167 Resp: 187990
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.1 10.2 15.4

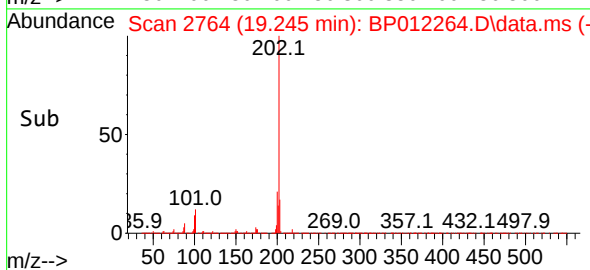
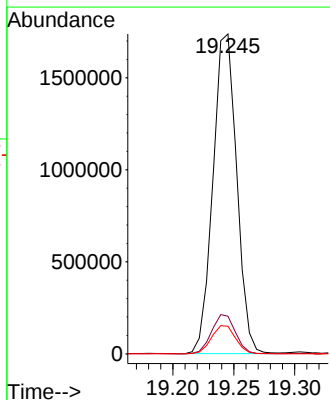
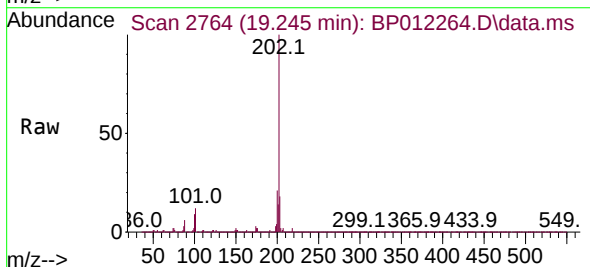
Manual Integrations
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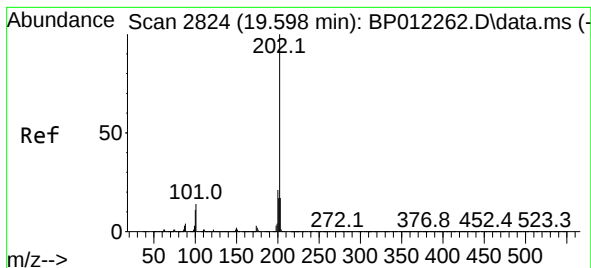
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#80
 Fluoranthene
 Concen: 20.060 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BP012264.D
 Acq: 22 Oct 2022 02:23

Tgt Ion:202 Resp: 2363731
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.4 15.6
 100 8.6 7.7 11.5





#82

Pyrene

Concen: 16.159 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP012264.D

Acq: 22 Oct 2022 02:23

Instrument :

BNA_P

ClientSampleId :

C0BE5

Tgt Ion:202 Resp: 1948022

Ion Ratio Lower Upper

202 100

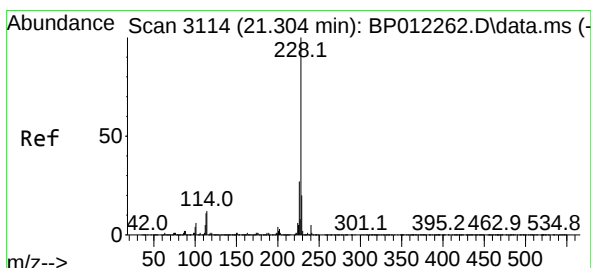
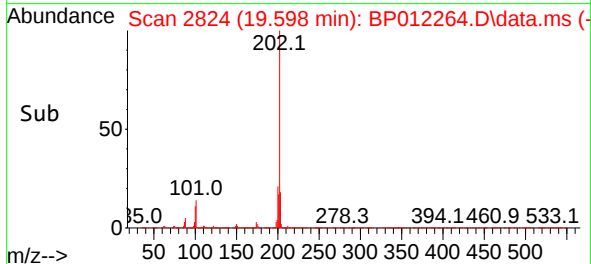
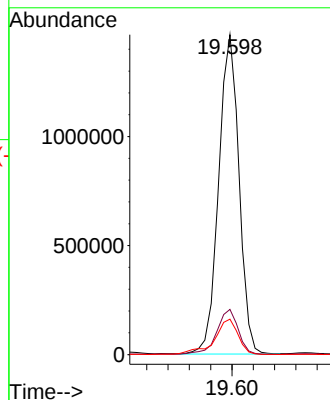
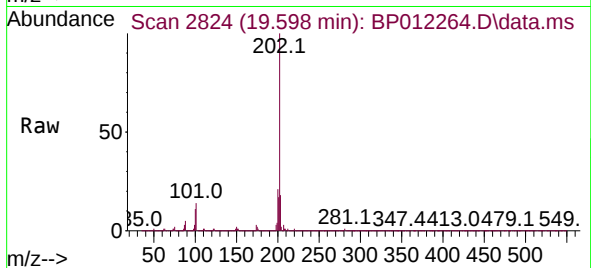
101 14.1 12.3 18.5

100 11.1 10.0 15.0

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#85

Benzo(a)anthracene

Concen: 9.824 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012264.D

Acq: 22 Oct 2022 02:23

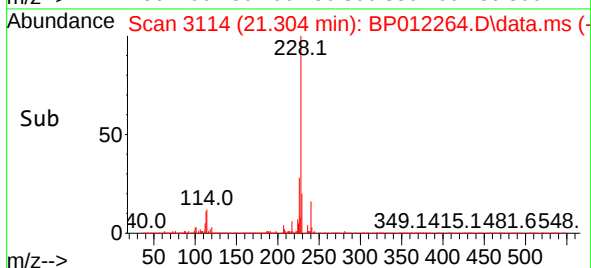
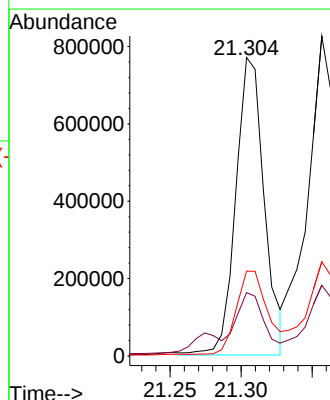
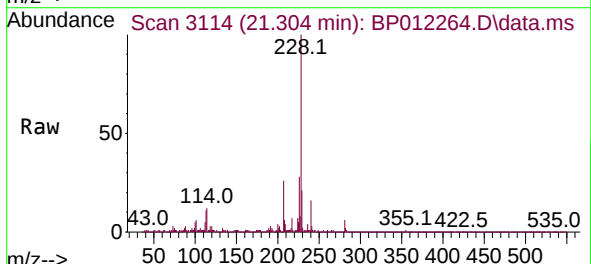
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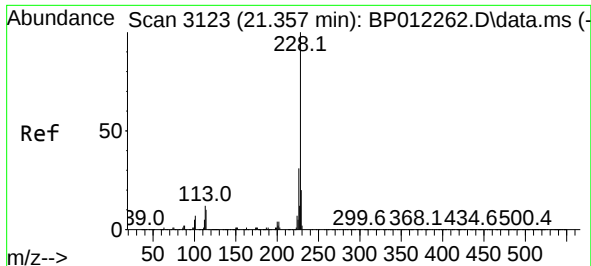
Ion Ratio Lower Upper

228 100

229 21.2 16.1 24.1

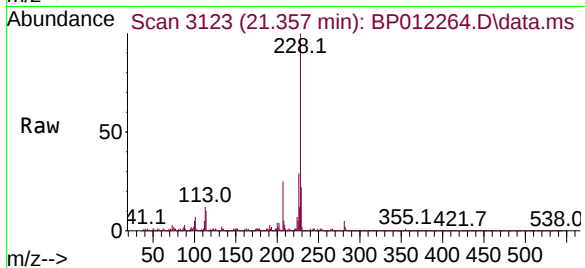
226 28.4 21.9 32.9





#87
Chrysene
Concen: 11.417 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

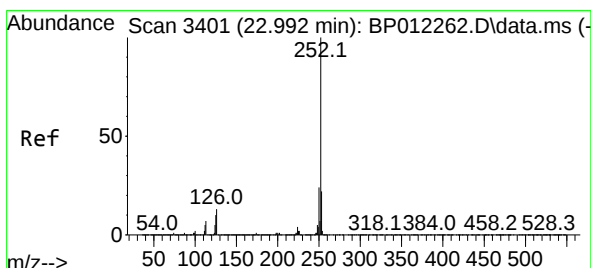
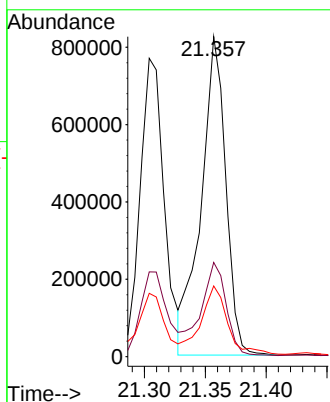
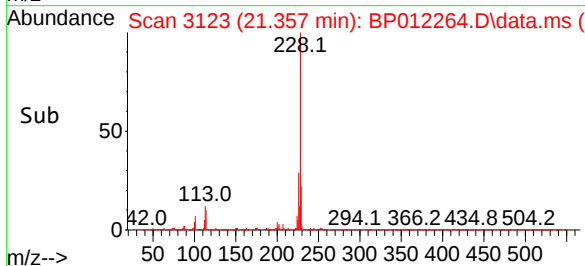
Instrument :
BNA_P
ClientSampleId :
C0BE5



Tgt Ion:228 Resp: 1162966
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 22.1 15.8 23.8

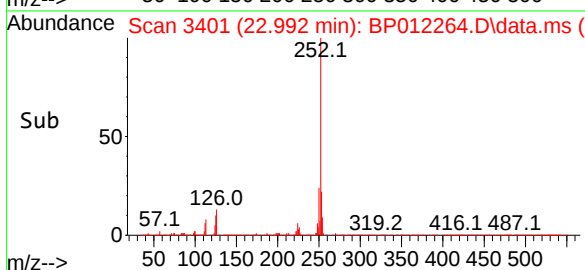
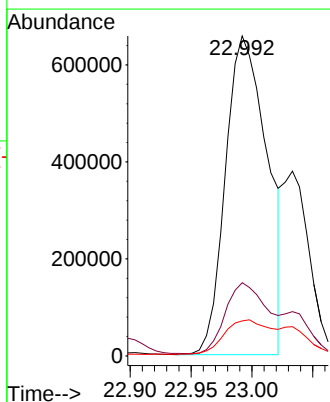
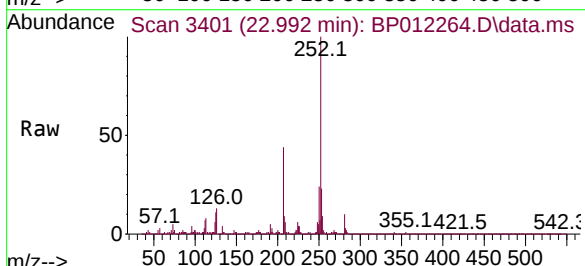
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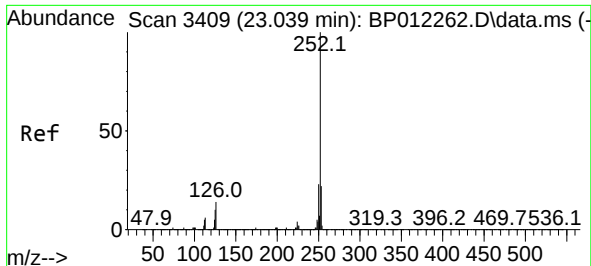
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#90
Benzo(b)fluoranthene
Concen: 12.615 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

Tgt Ion:252 Resp: 1570262
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.9 8.5 12.7





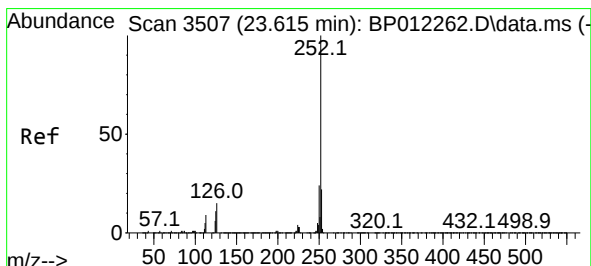
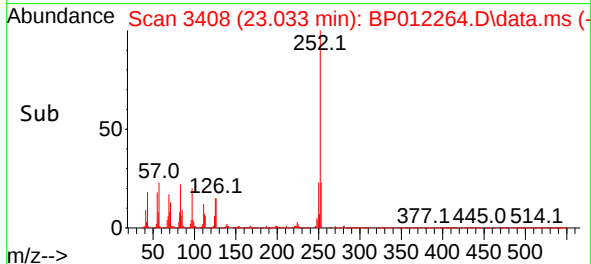
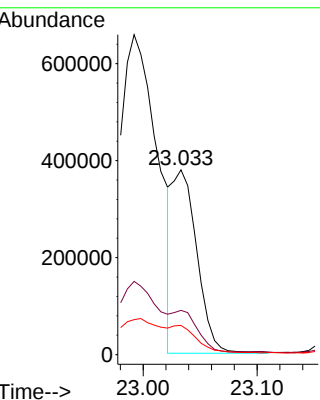
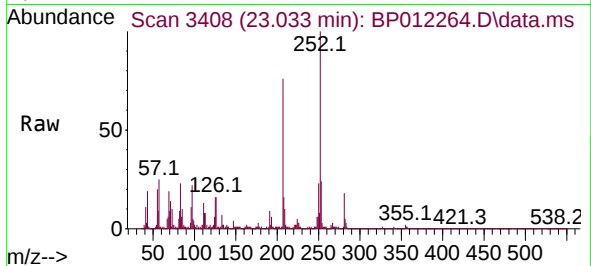
#91
Benzo(k)fluoranthene
Concen: 4.600 ng/ul m
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

Instrument : BNA_P
ClientSampleId : C0BE5

Tgt Ion:252 Resp: 56440
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 15.8 8.6 13.0

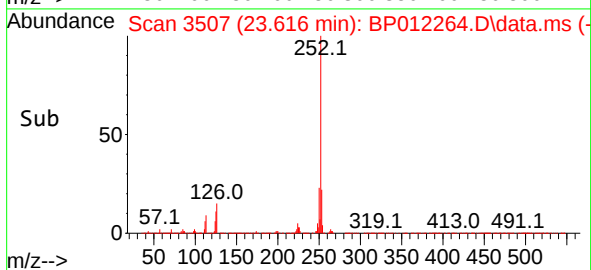
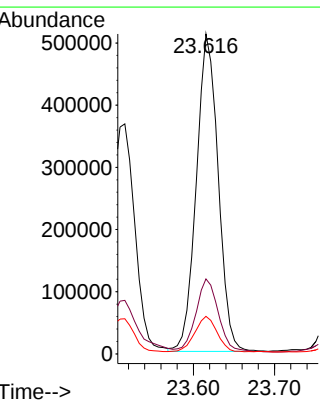
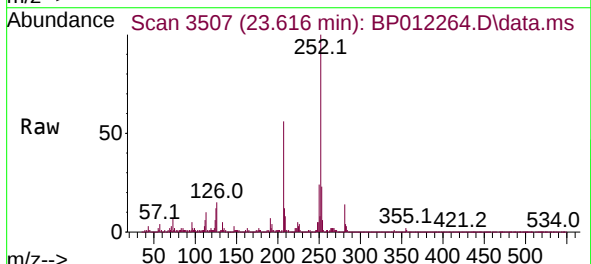
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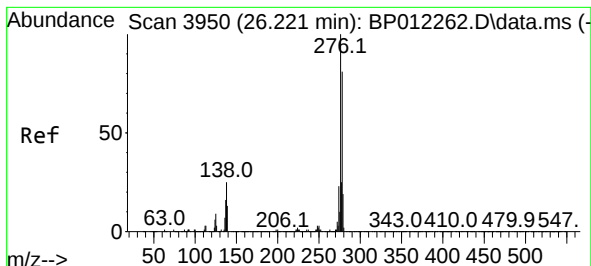
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 8.985 ng/ul
RT: 23.616 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BP012264.D
Acq: 22 Oct 2022 02:23

Tgt Ion:252 Resp: 956392
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 11.7 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.472 ng/ul

RT: 26.210 min Scan# 3948

Delta R.T. -0.012 min

Lab File: BP012264.D

Acq: 22 Oct 2022 02:23

Instrument :

BNA_P

ClientSampleId :

C0BE5

Tgt Ion:276 Resp: 797413

Ion Ratio Lower Upper

276 100

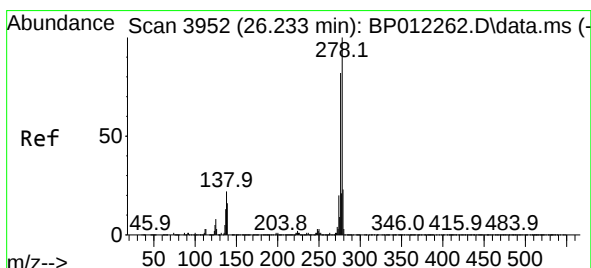
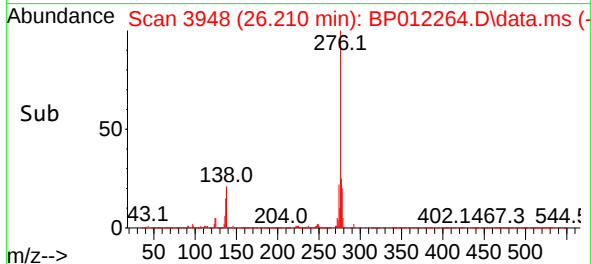
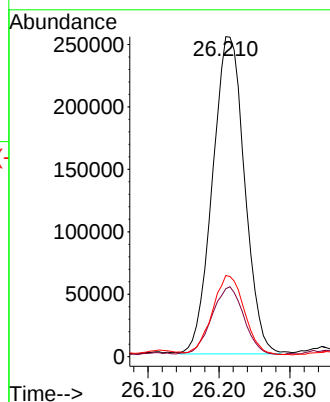
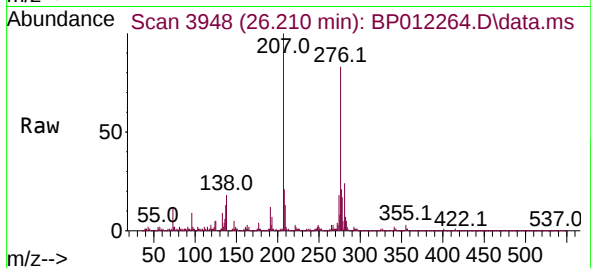
138 21.2 20.3 30.5

277 25.3 20.2 30.4

Manual Integrations

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



#95

Dibenzo(a,h)anthracene

Concen: 1.917 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BP012264.D

Acq: 22 Oct 2022 02:23

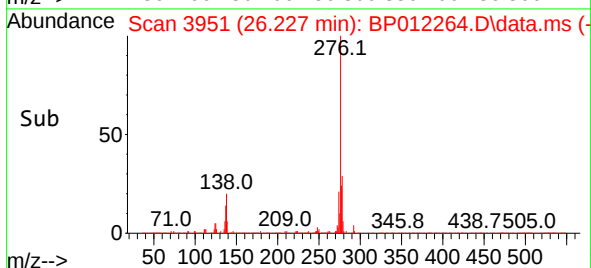
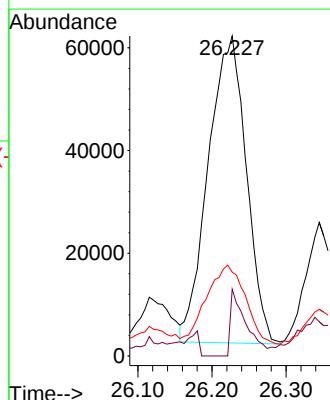
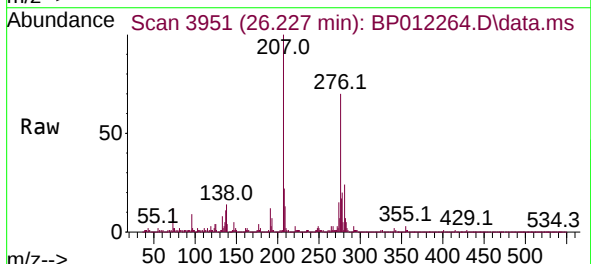
Tgt Ion:278 Resp: 212981

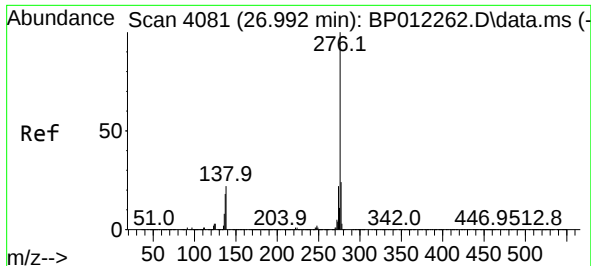
Ion Ratio Lower Upper

278 100

139 20.8 12.9 19.3

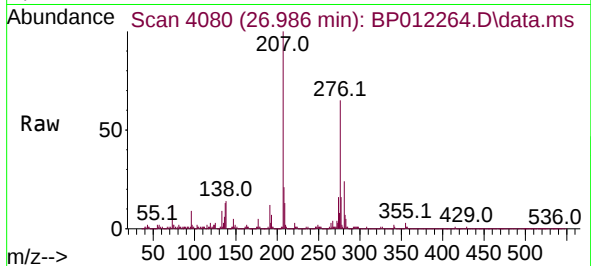
279 26.2 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 5.675 ng/ul
 RT: 26.986 min Scan# 4080
 Delta R.T. -0.006 min
 Lab File: BP012264.D
 Acq: 22 Oct 2022 02:23

Instrument :
 BNA_P
 ClientSampleId :
 C0BE5



Tgt Ion: 276 Resp: 656596
 Ion Ratio Lower Upper
 276 100
 138 21.9 17.9 26.9
 277 25.0 18.9 28.3

Manual Integrations
 APPROVED

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

