

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012252.D
 Acq On : 21 Oct 2022 18:58
 Operator : CG/JU
 Sample : N5064-18
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BN7

Quant Time: Oct 21 22:34:12 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	424221	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1761092	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	988372	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.233	188	1705799	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1451813	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1656383	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	46489	4.435	ng/uL	0.00
4) Pyridine-d5	3.699	84	38415	1.272	ng/u1	0.02
7) Phenol-d5	6.993	99	844736	23.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	552891	24.893	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	708117	25.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	473654	16.640	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	363424	27.879	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	389005	27.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	633678	24.020	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	737523	19.676	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	1877898	27.314	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2114721	26.947	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.692	143	183273	14.229	ng/u1	0.00
60) Fluorene-d10	15.469	176	1569469	26.535	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	143137	14.750	ng/u1	0.00
73) Anthracene-d10	17.333	188	1978049	26.455	ng/u1	0.00
81) Pyrene-d10	19.574	212	2057298	24.889	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	2177057	26.209	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.022	94	48039	1.254	ng/u1	94
72) Phenanthrene	17.274	178	581496	6.343	ng/u1	99
74) Anthracene	17.368	178	122522	1.351	ng/u1	98
80) Fluoranthene	19.245	202	837267	8.197	ng/u1	98
82) Pyrene	19.598	202	678712	6.495	ng/u1	97
85) Benzo(a)anthracene	21.309	228	404473	4.275	ng/u1	99
87) Chrysene	21.362	228	419362	4.749	ng/u1	98
90) Benzo(b)fluoranthene	22.992	252	569755	5.161	ng/u1	97
91) Benzo(k)fluoranthene	23.039	252	189708m	1.743	ng/u1	
93) Benzo(a)pyrene	23.621	252	362670	3.842	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.215	276	278369	2.547	ng/u1	96
96) Benzo(g,h,i)perylene	26.986	276	203507	1.983	ng/u1	95

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

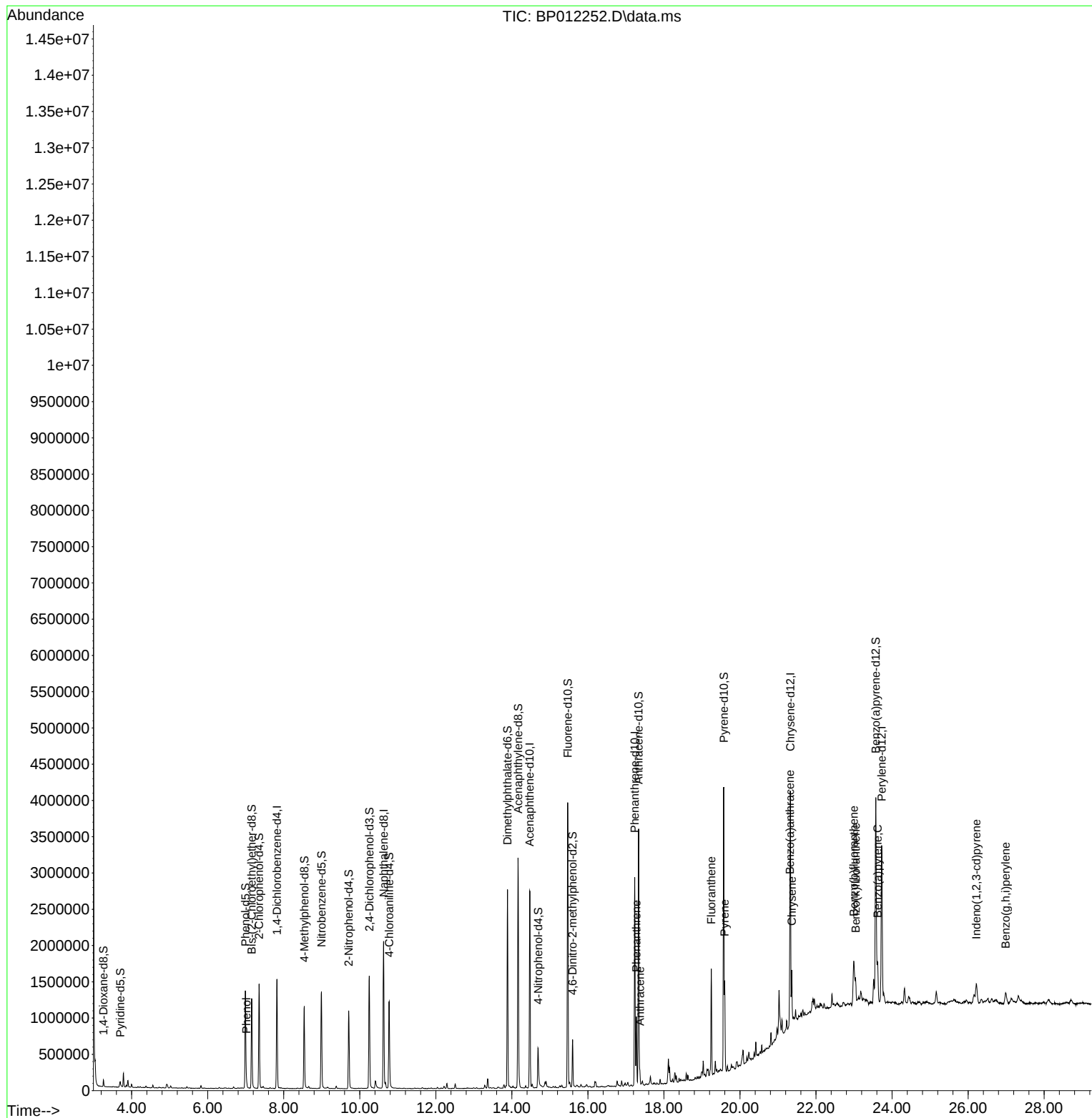
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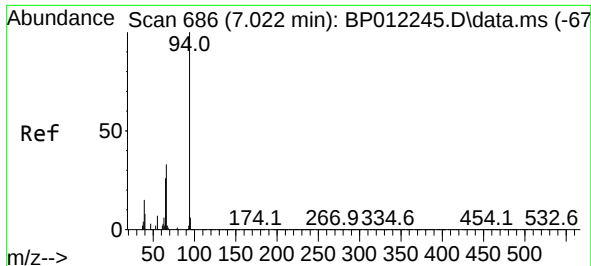
Instrument :
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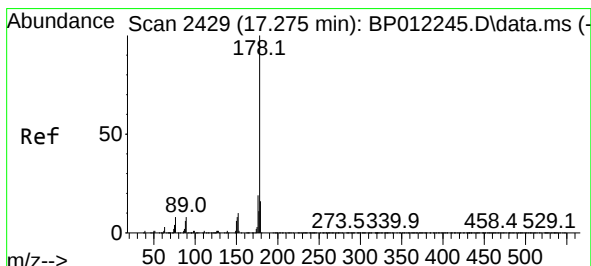
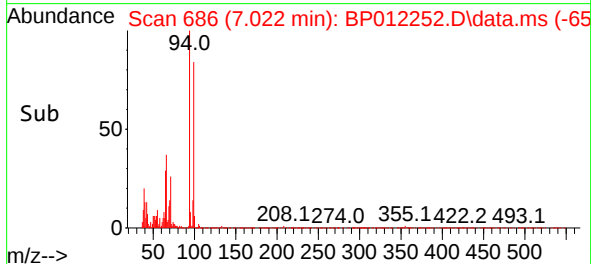
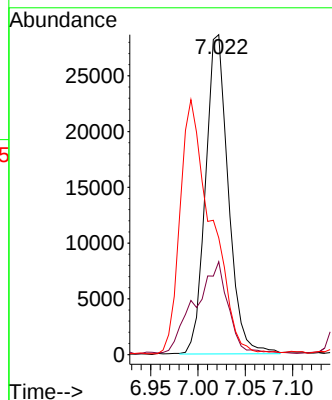
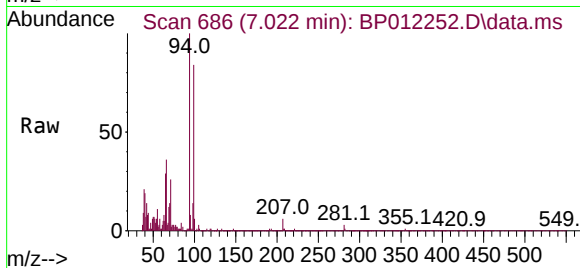
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Phenol
Concen: 1.254 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

Instrument :
BNA_P
ClientSampleId :
C0BN7

Tgt Ion: 94 Resp: 48039
Ion Ratio Lower Upper
94 100
65 29.0 20.6 31.0
66 36.5 26.2 39.4

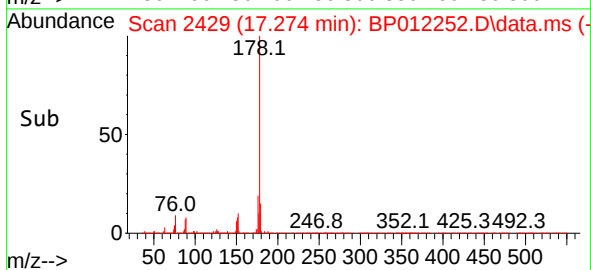
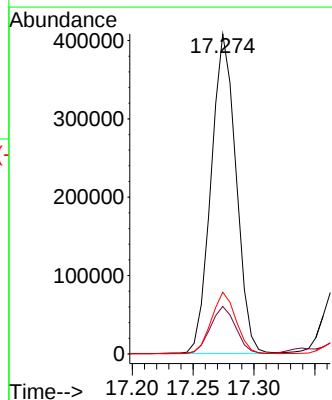
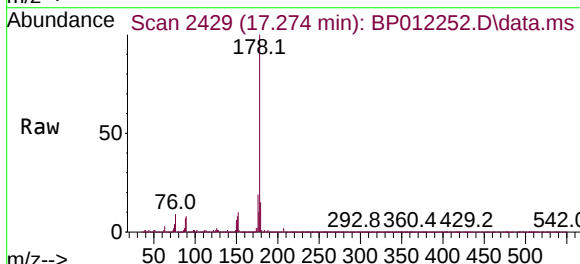
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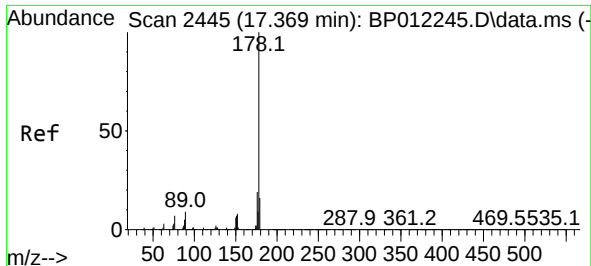
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#72
Phenanthrene
Concen: 6.343 ng/ul
RT: 17.274 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

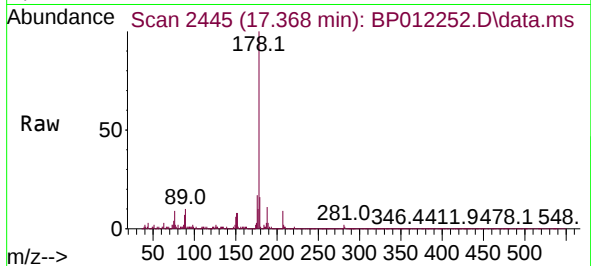
Tgt Ion:178 Resp: 581496
Ion Ratio Lower Upper
178 100
179 14.8 12.6 18.8
176 19.3 15.6 23.4





#74
 Anthracene
 Concen: 1.351 ng/ul
 RT: 17.368 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BP012252.D
 Acq: 21 Oct 2022 18:58

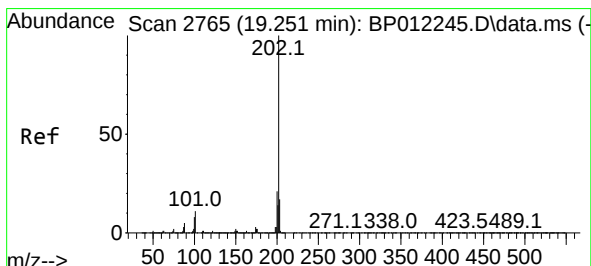
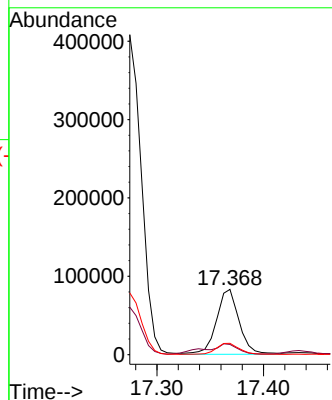
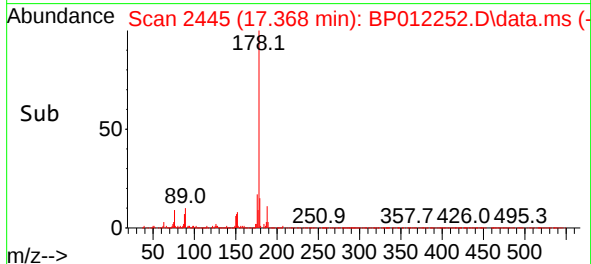
Instrument :
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 ClientSampleId :
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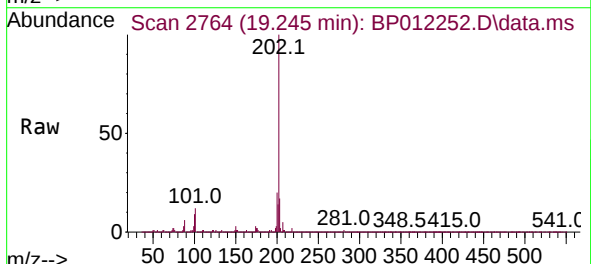
Tgt Ion:178 Resp: 122522
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 17.3 15.0 22.4

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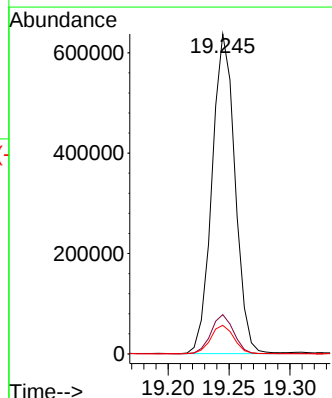
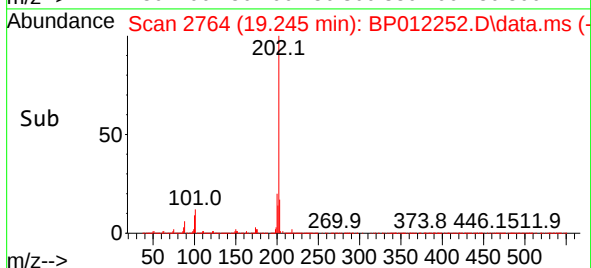
Reviewed By :Jagrut Upadhyay 10/24/2022
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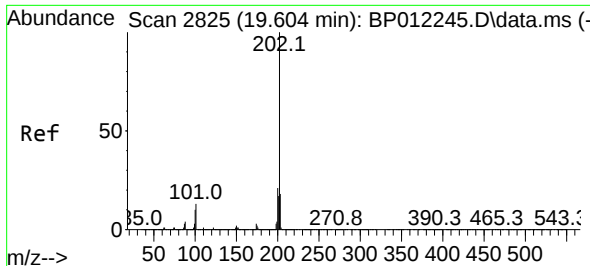


#80
 Fluoranthene
 Concen: 8.197 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BP012252.D
 Acq: 21 Oct 2022 18:58



Tgt Ion:202 Resp: 837267
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.4 15.6
 100 8.9 7.7 11.5





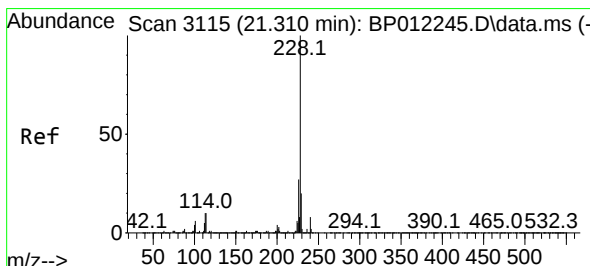
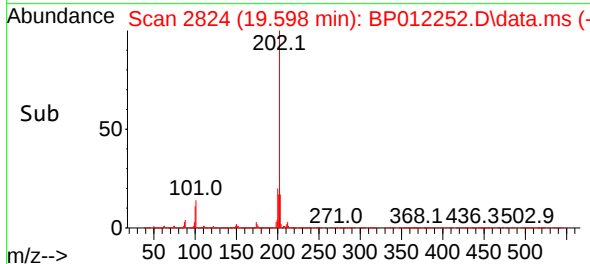
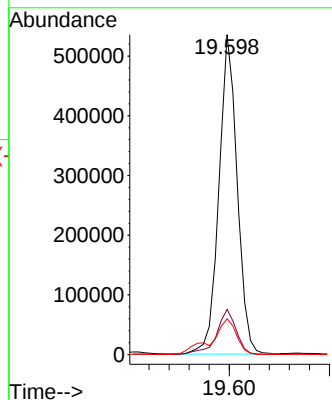
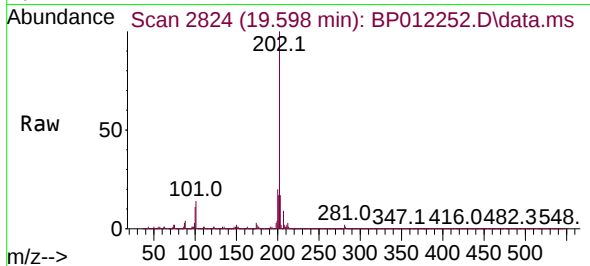
#82
Pyrene
Concen: 6.495 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 678712
Ion Ratio Lower Upper
202 100
101 14.1 12.3 18.5
100 11.2 10.0 15.0

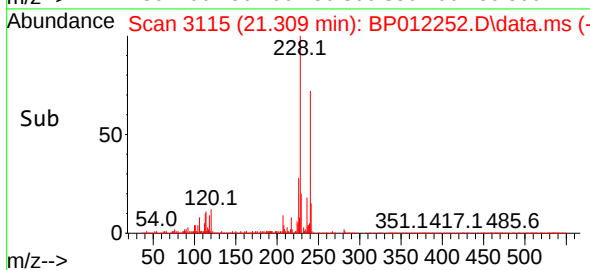
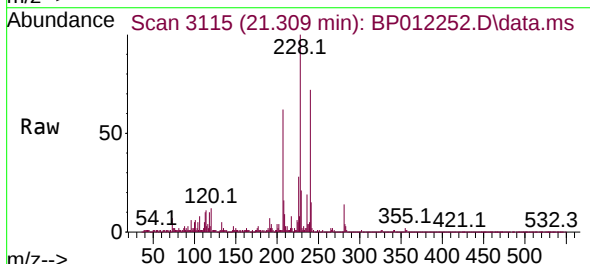
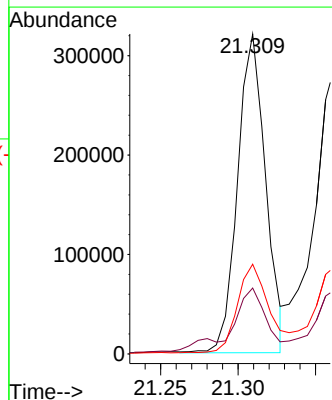
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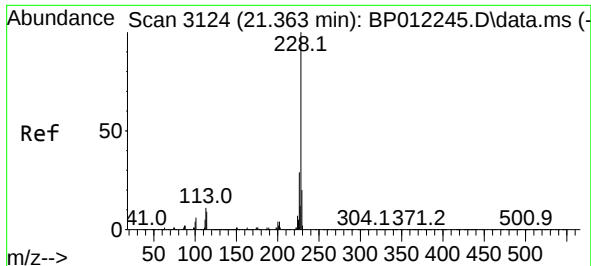
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#85
Benzo(a)anthracene
Concen: 4.275 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP012252.D
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Tgt Ion:228 Resp: 404473
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 28.0 21.9 32.9





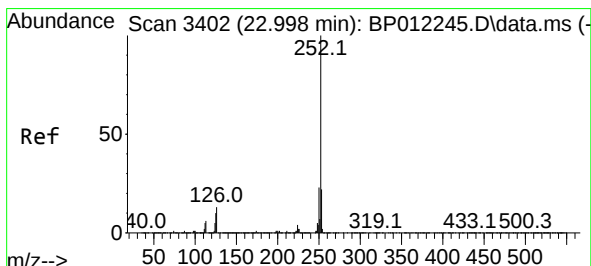
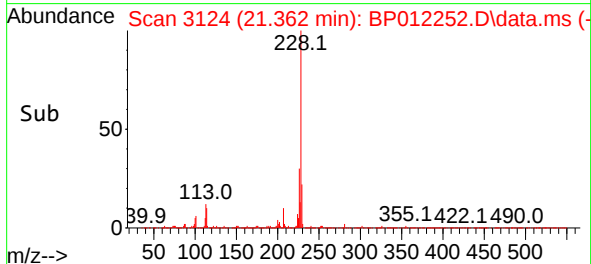
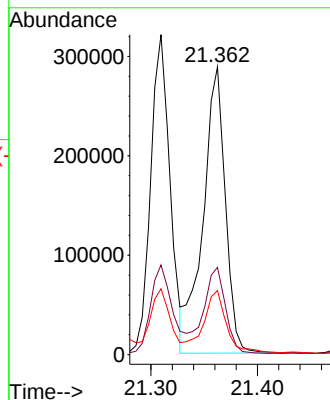
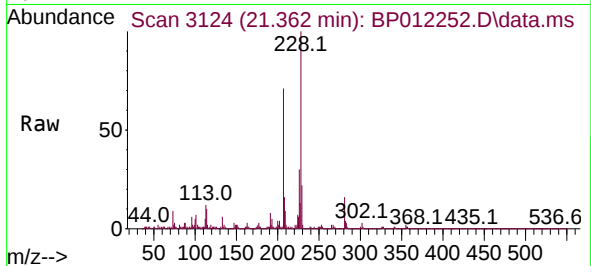
#87
Chrysene
Concen: 4.749 ng/ul
RT: 21.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

Instrument :
BNA_P
ClientSampleId :
COBN7

Tgt Ion:228 Resp: 419362
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 22.3 15.8 23.8

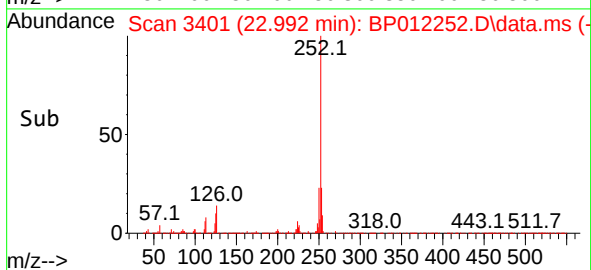
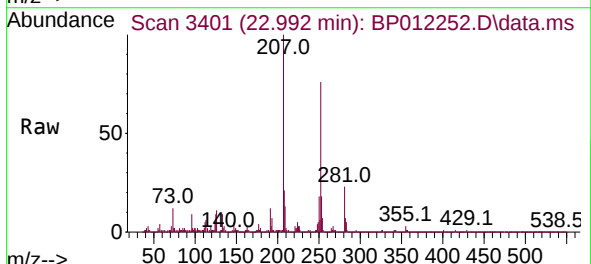
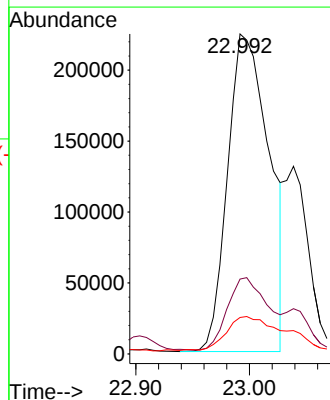
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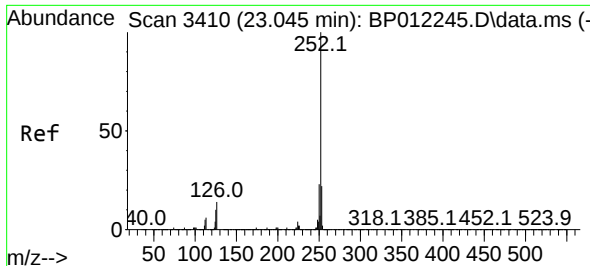
Reviewed By :Jagrut Upadhyay 10/24/2022
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#90
Benzo(b)fluoranthene
Concen: 5.161 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

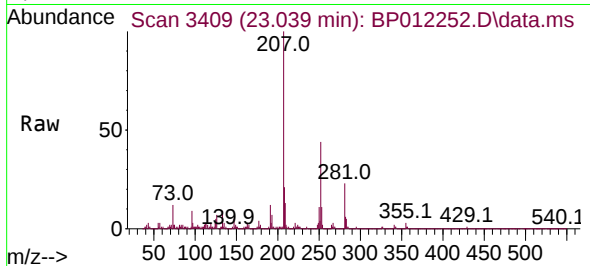
Tgt Ion:252 Resp: 569755
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 11.4 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 1.743 ng/ul m
RT: 23.039 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58

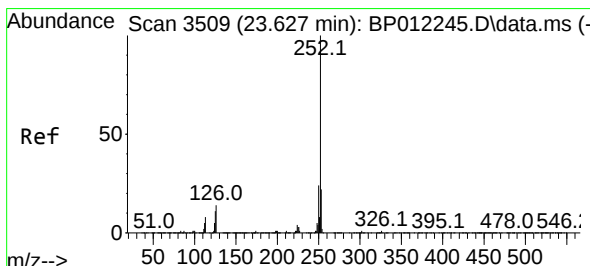
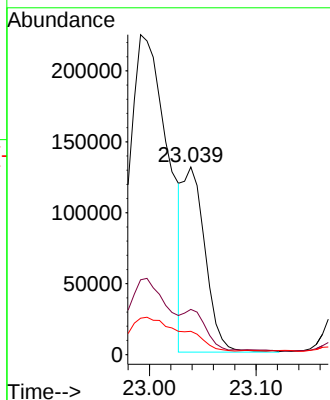
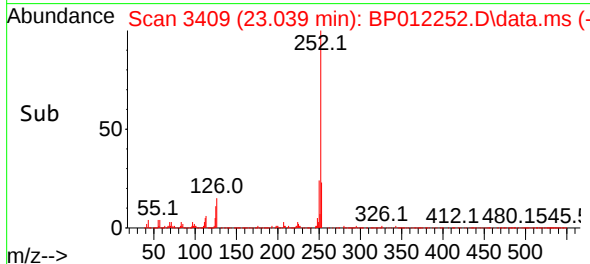
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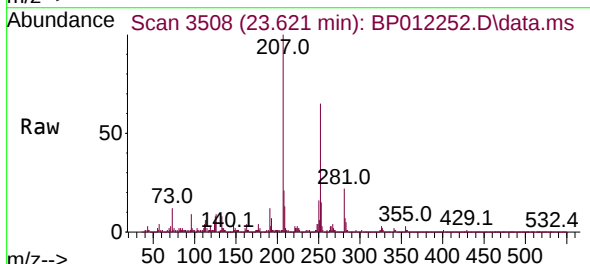
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Ion Ratio Lower Upper
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253 24.1 17.9 26.9
125 12.4 8.6 13.0

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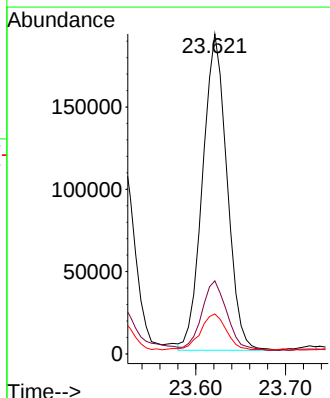
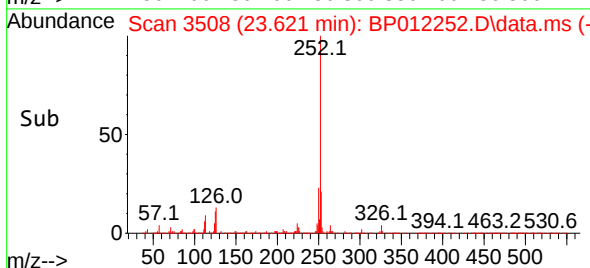
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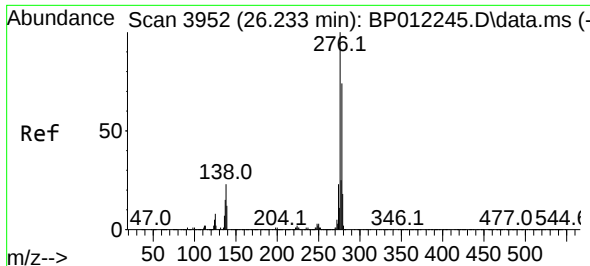


#93
Benzo(a)pyrene
Concen: 3.842 ng/ul
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58



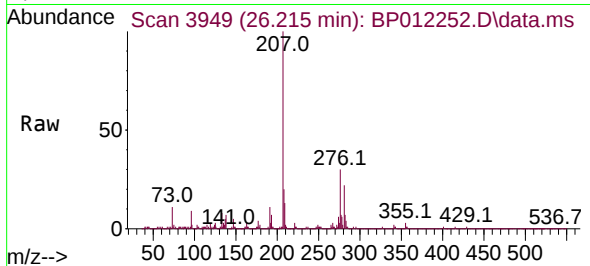
Tgt Ion:252 Resp: 362670
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.5 9.7 14.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.547 ng/ul
RT: 26.215 min Scan# 3952
Delta R.T. -0.030 min
Lab File: BP012252.D
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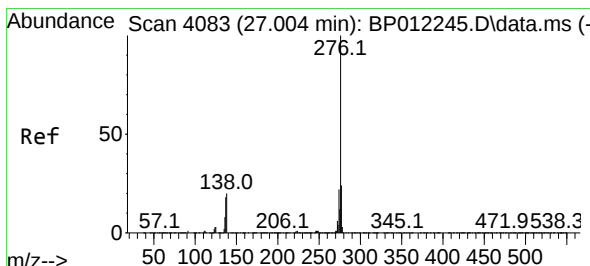
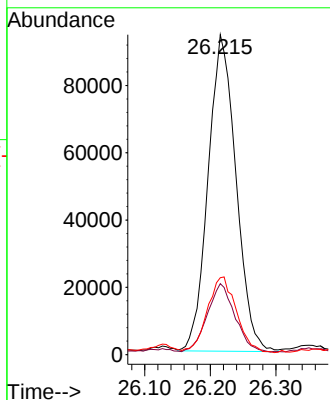
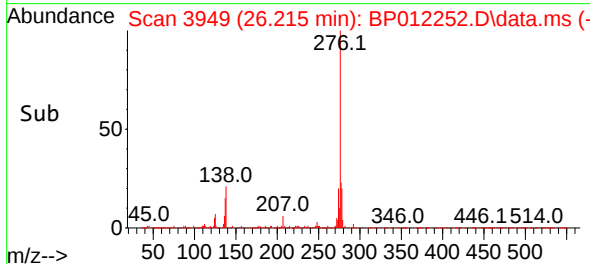
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COBN7



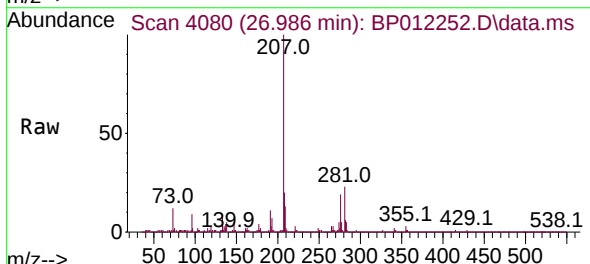
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Ion Ratio Lower Upper
276 100
138 22.2 20.3 30.5
277 24.0 20.2 30.4

Manual Integrations
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Supervised By :mohammad ahmed 10/24/2022



#96
Benzo(g,h,i)perylene
Concen: 1.983 ng/ul
RT: 26.986 min Scan# 4080
Delta R.T. -0.024 min
Lab File: BP012252.D
Acq: 21 Oct 2022 18:58



Tgt Ion:276 Resp: 203507
Ion Ratio Lower Upper
276 100
138 23.9 17.9 26.9
277 26.8 18.9 28.3

