

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012248.D
 Acq On : 21 Oct 2022 16:40
 Operator : CG/JU
 Sample : N5064-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BN4

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:33:14 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	348503	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1397803	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	758614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1356881	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1279331	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1426861	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	34556	4.013	ng/uL	0.00
4) Pyridine-d5	3.699	84	39735	1.601	ng/u1	0.02
7) Phenol-d5	6.993	99	593315	19.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	396765	21.745	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	503698	21.994	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	359250	15.363	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	251563	24.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	268761	24.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	432648	20.662	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	487596	16.389	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	1237485	23.450	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1437844	23.871	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.692	143	106849	10.808	ng/u1	0.00
60) Fluorene-d10	15.469	176	1059318	23.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	91438	11.846	ng/u1	0.00
73) Anthracene-d10	17.333	188	1433092	24.095	ng/u1	0.00
81) Pyrene-d10	19.574	212	1617137	22.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1720070	24.038	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.022	94	36234	1.151	ng/u1	97
30) Naphthalene	10.675	128	89059	1.191	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	71455	1.405	ng/u1	99
37) 1-Methylnaphthalene	12.510	142	56146	1.105	ng/u1	98
72) Phenanthrene	17.275	178	318170	4.363	ng/u1	99
80) Fluoranthene	19.245	202	564650	6.273	ng/u1	99
82) Pyrene	19.598	202	495133	5.377	ng/u1	98
85) Benzo(a)anthracene	21.310	228	302396	3.627	ng/u1	98
87) Chrysene	21.363	228	301186	3.871	ng/u1	98
90) Benzo(b)fluoranthene	22.998	252	454818	4.783	ng/u1	97
91) Benzo(k)fluoranthene	23.039	252	131009m	1.398	ng/u1	
93) Benzo(a)pyrene	23.621	252	288714	3.551	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.221	276	228305	2.425	ng/u1	96
96) Benzo(g,h,i)perylene	26.998	276	187586	2.122	ng/u1	99

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

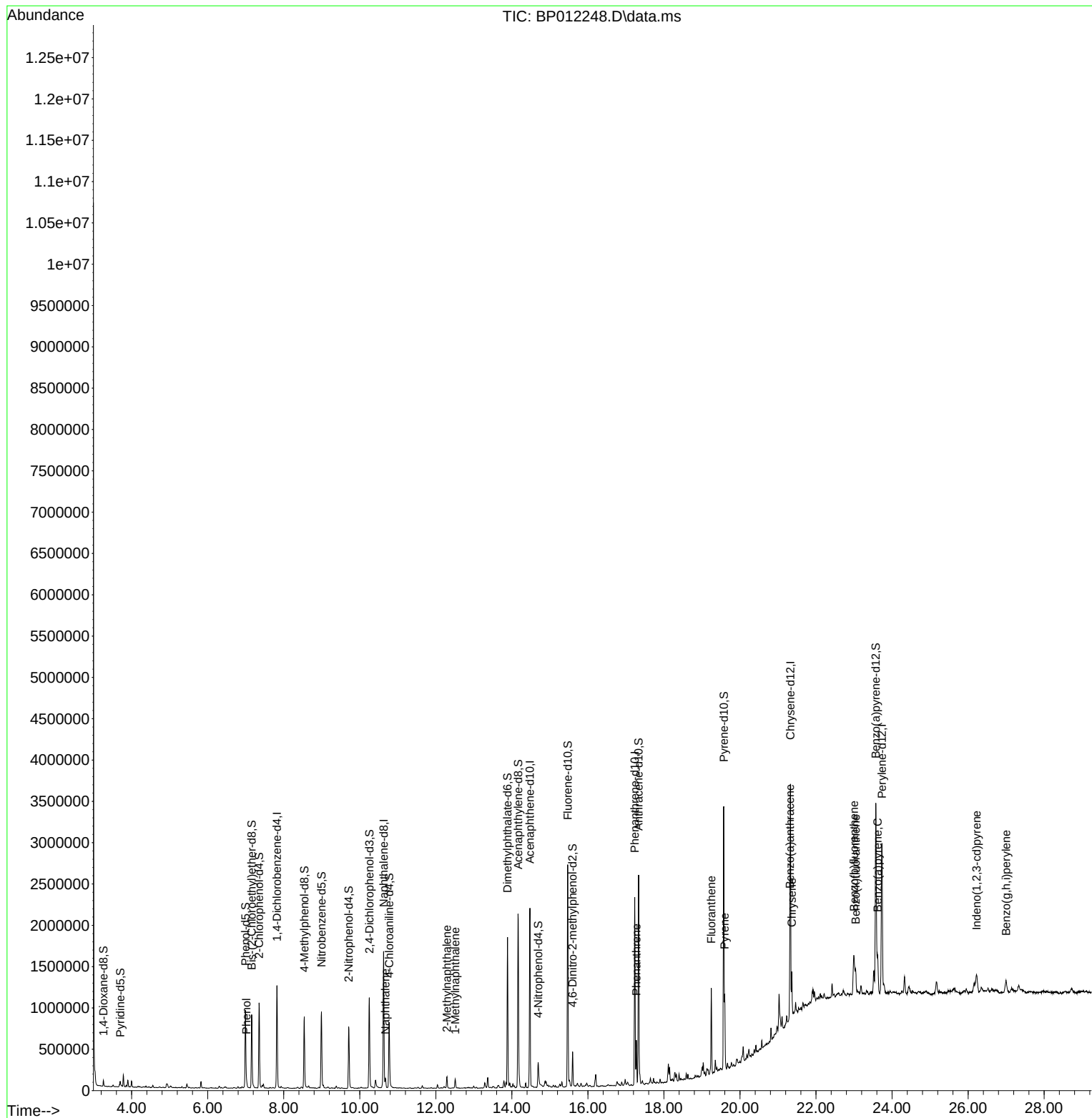
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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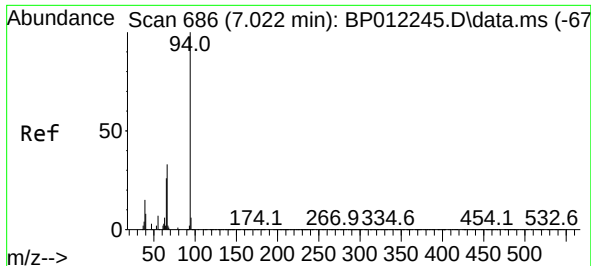
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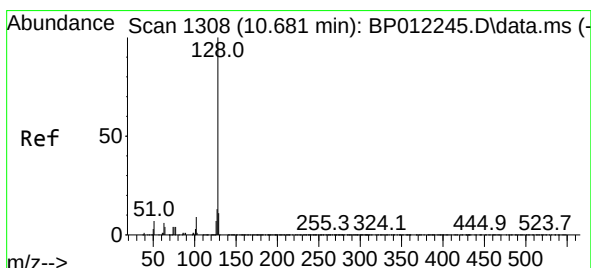
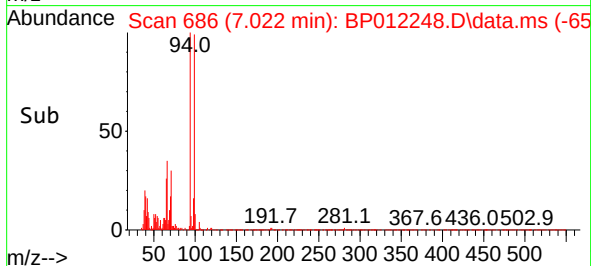
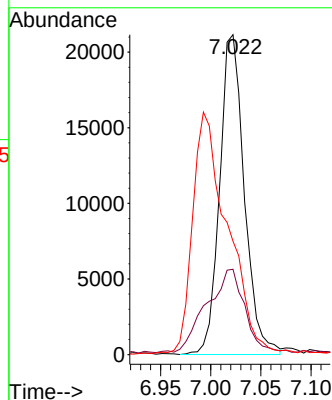
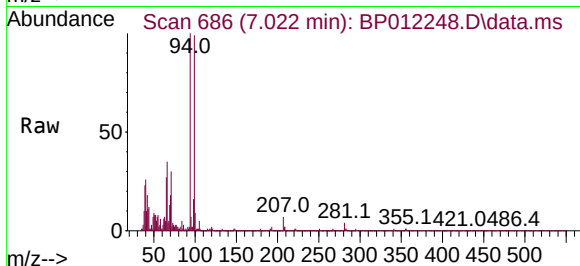
#8
Phenol
Concen: 1.151 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

Instrument :
BNA_P
ClientSampleId :
C0BN4

Tgt Ion: 94	Resp: 36234
Ion Ratio	Lower Upper
94 100	
65 26.7	20.6 31.0
66 35.4	26.2 39.4

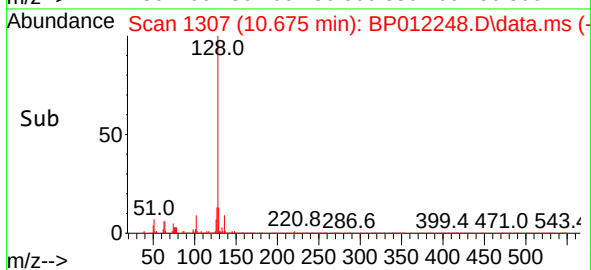
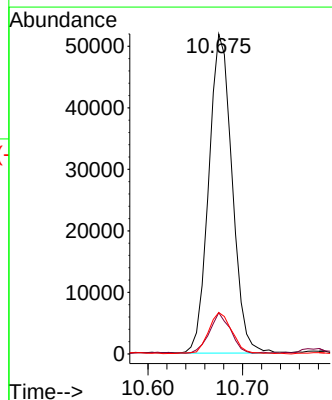
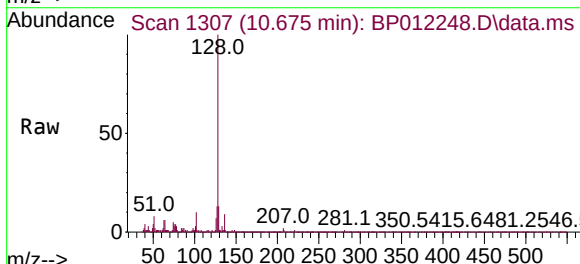
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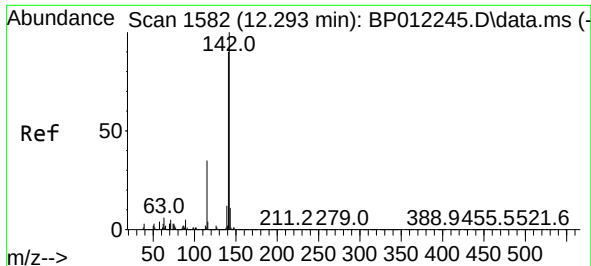
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 1.191 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

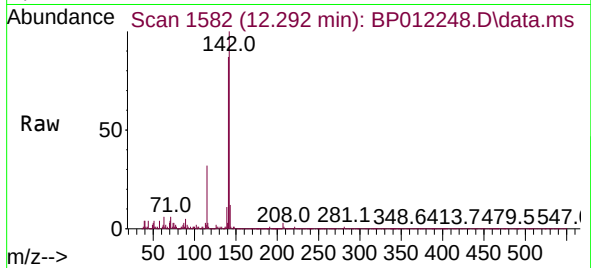
Tgt Ion:128	Resp: 89059
Ion Ratio	Lower Upper
128 100	
129 12.9	8.8 13.2
127 12.9	10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.405 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

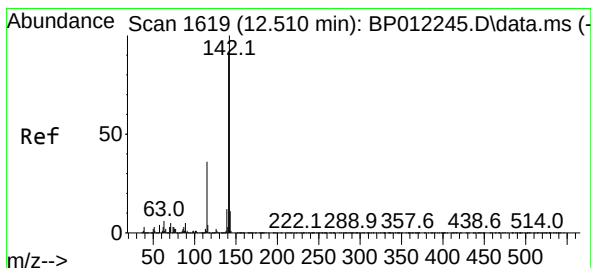
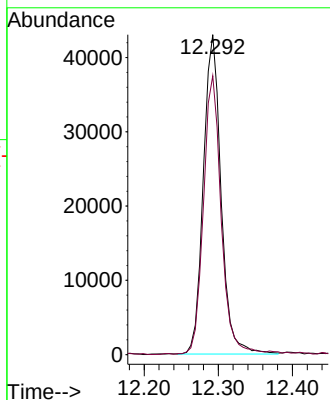
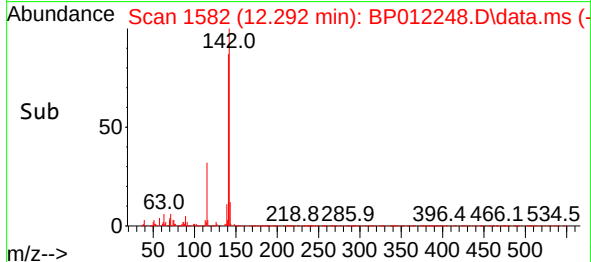
Instrument :
BNA_P
ClientSampleId :
C0BN4



Tgt Ion:142 Resp: 71455
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5

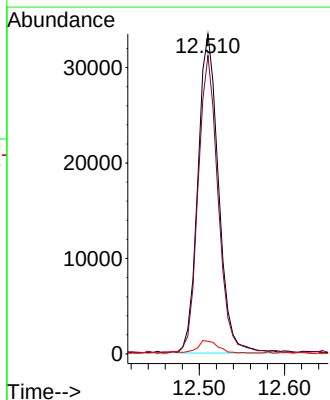
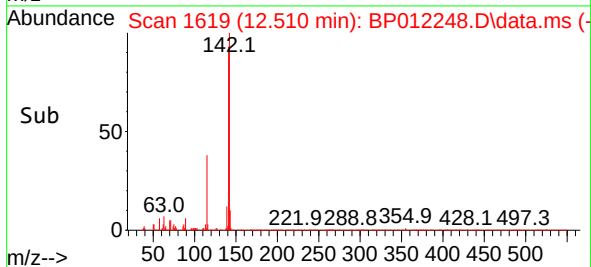
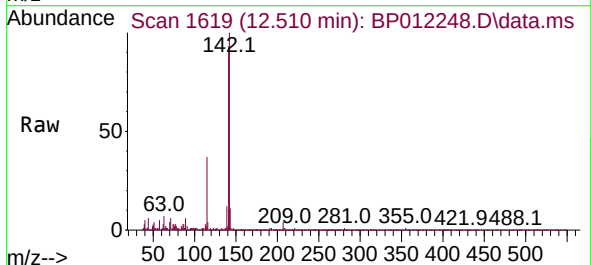
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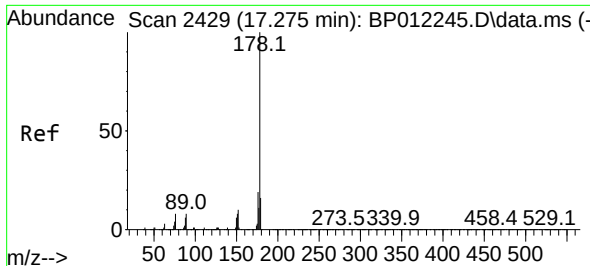
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#37
1-Methylnaphthalene
Concen: 1.105 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

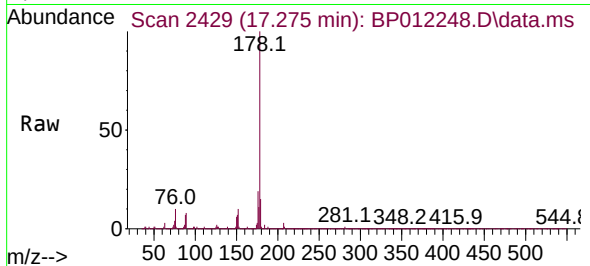
Tgt Ion:142 Resp: 56146
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0
116 4.0 3.0 4.4





#72
Phenanthrene
Concen: 4.363 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

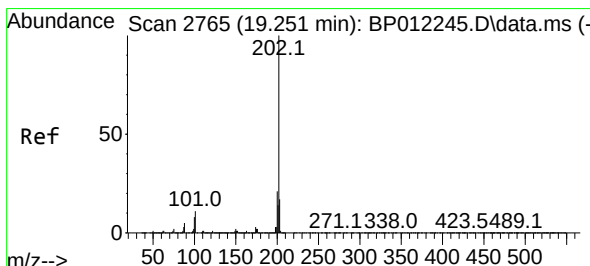
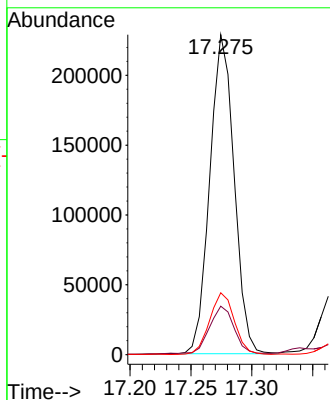
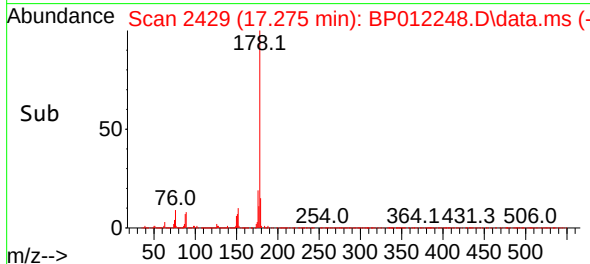
Instrument :
BNA_P
ClientSampleId :
C0BN4



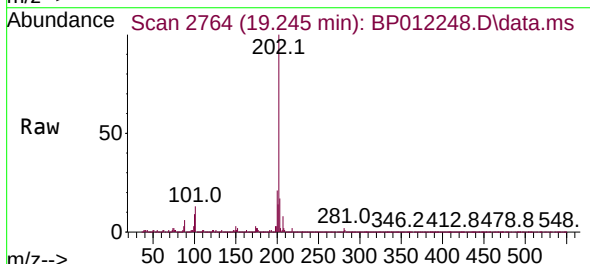
Tgt Ion:178 Resp: 318170
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.3 15.6 23.4

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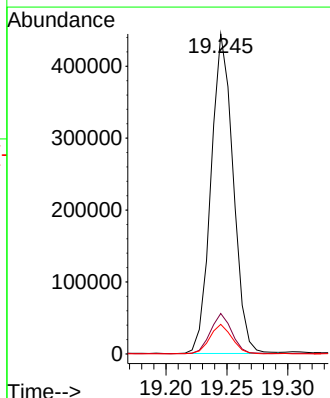
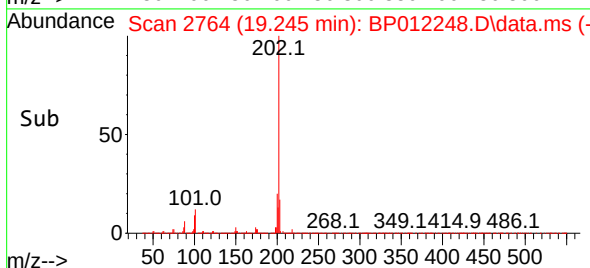
Reviewed By :Jagrut Upadhyay 10/24/2022
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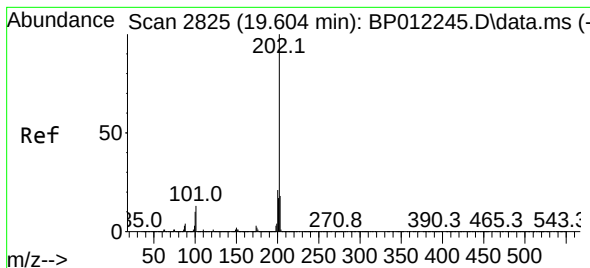


#80
Fluoranthene
Concen: 6.273 ng/ul
RT: 19.245 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40



Tgt Ion:202 Resp: 564650
Ion Ratio Lower Upper
202 100
101 12.6 10.4 15.6
100 9.2 7.7 11.5





#82

Pyrene

Concen: 5.377 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP012248.D

Acq: 21 Oct 2022 16:40

Instrument :

BNA_P

ClientSampleId :

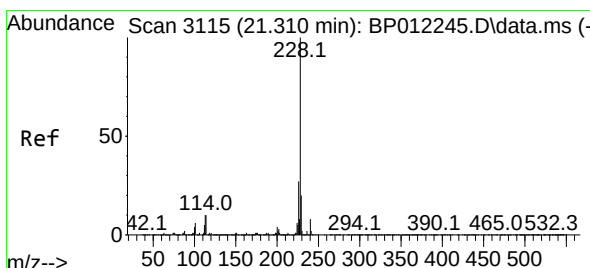
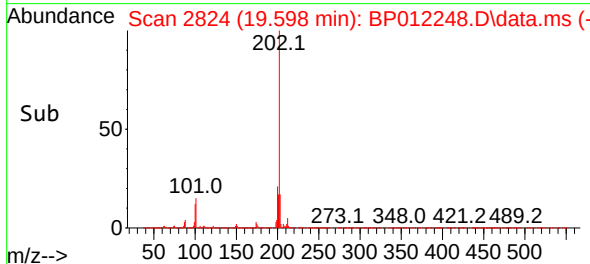
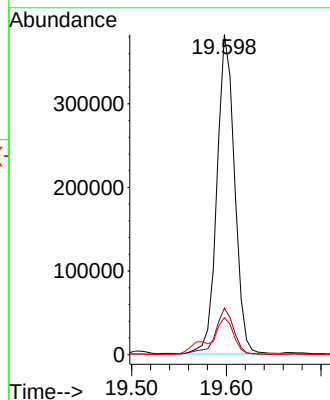
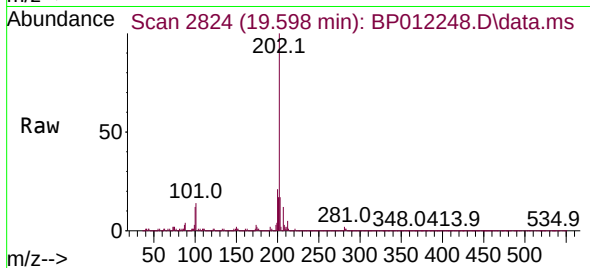
C0BN4

Tgt Ion:	202	Resp:	495133
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.3	18.5
100	11.5	10.0	15.0

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#85

Benzo(a)anthracene

Concen: 3.627 ng/ul

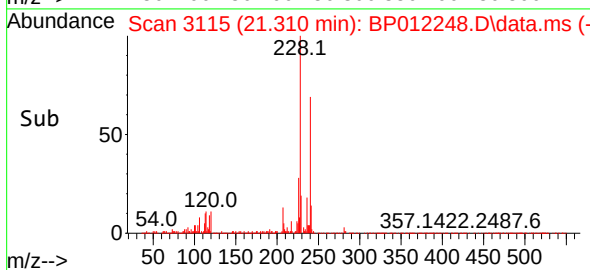
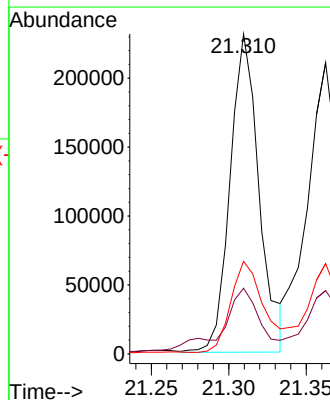
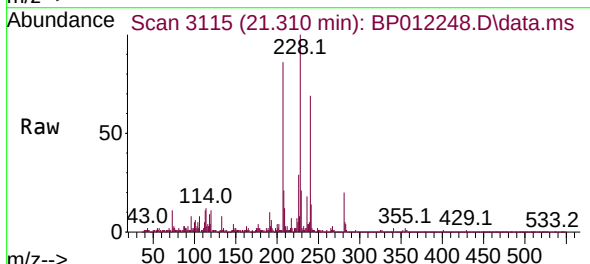
RT: 21.310 min Scan# 3115

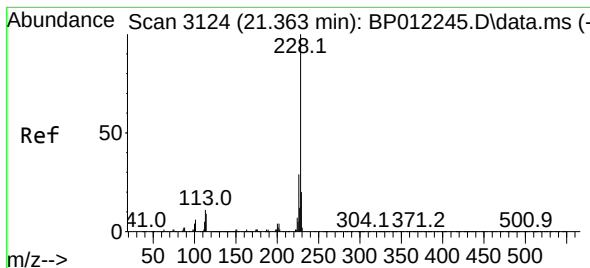
Delta R.T. -0.006 min

Lab File: BP012248.D

Acq: 21 Oct 2022 16:40

Tgt Ion:	228	Resp:	302396
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.1	24.1
226	28.9	21.9	32.9





#87

Chrysene

Concen: 3.871 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP012248.D

Acq: 21 Oct 2022 16:40

Instrument :

BNA_P

ClientSampleId :

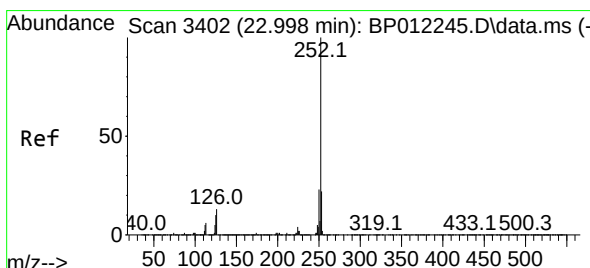
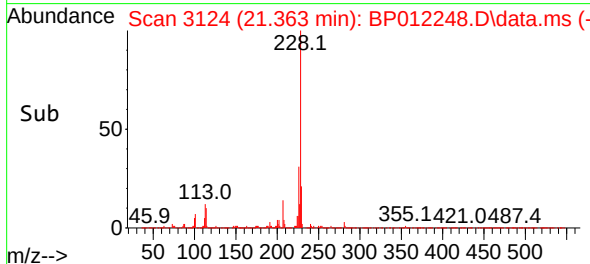
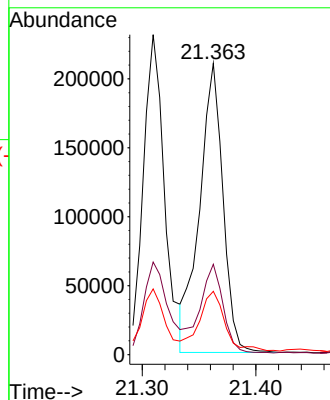
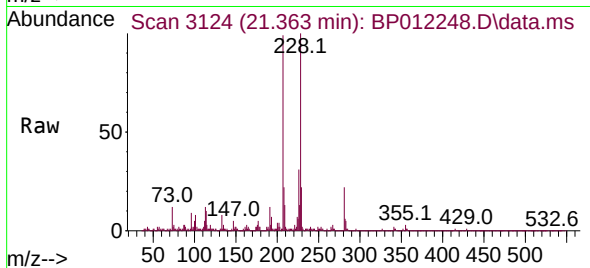
C0BN4

Tgt Ion:228 Resp: 301186
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.4
 229 21.7 15.8 23.8

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#90

Benzo(b)fluoranthene

Concen: 4.783 ng/ul

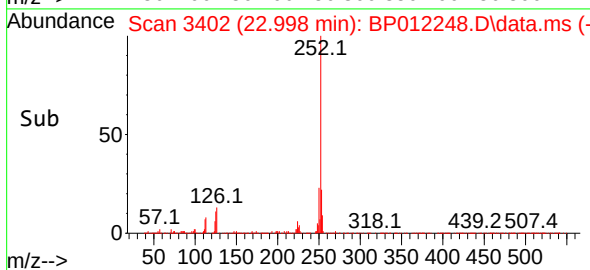
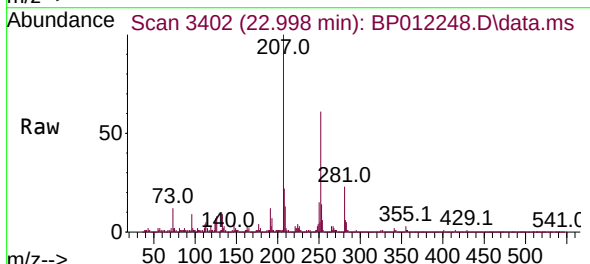
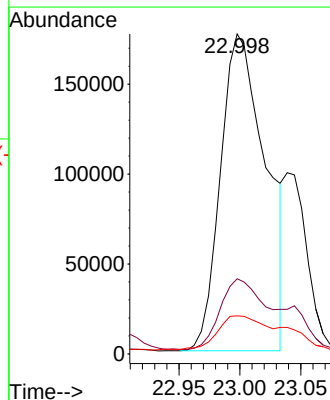
RT: 22.998 min Scan# 3402

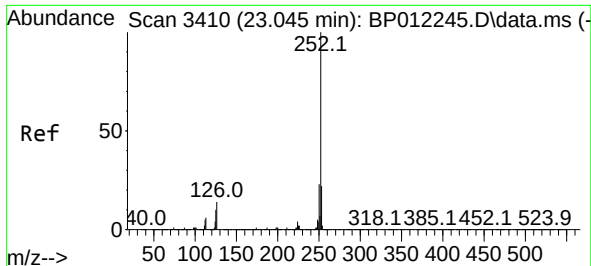
Delta R.T. -0.006 min

Lab File: BP012248.D

Acq: 21 Oct 2022 16:40

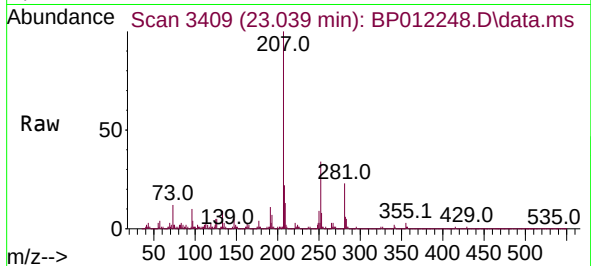
Tgt Ion:252 Resp: 454818
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.5 26.3
 125 11.9 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 1.398 ng/ul m
RT: 23.039 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

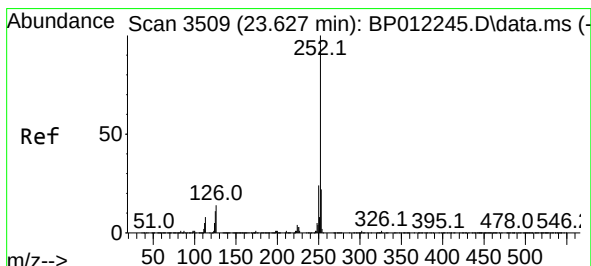
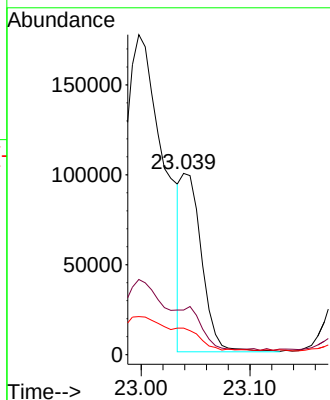
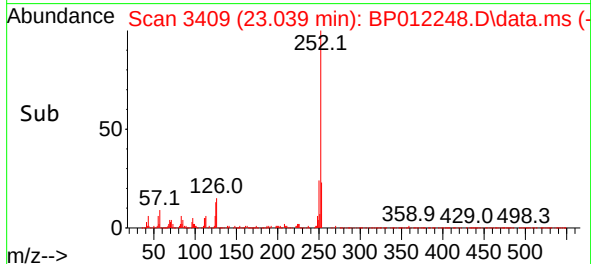
Instrument :
BNA_P
ClientSampleId :
COBN4



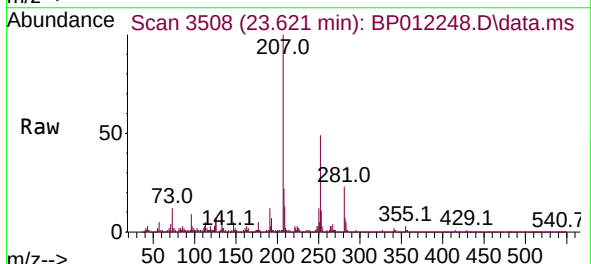
Tgt Ion:252 Resp: 131009
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 14.6 8.6 13.0

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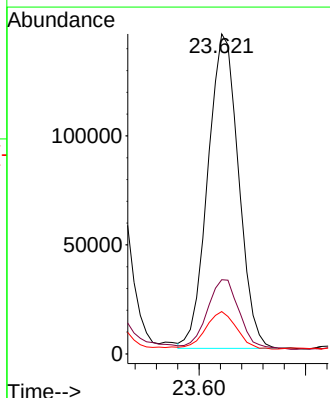
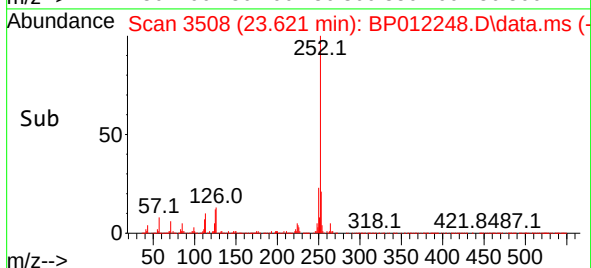
Reviewed By :Jagrut Upadhyay 10/24/2022
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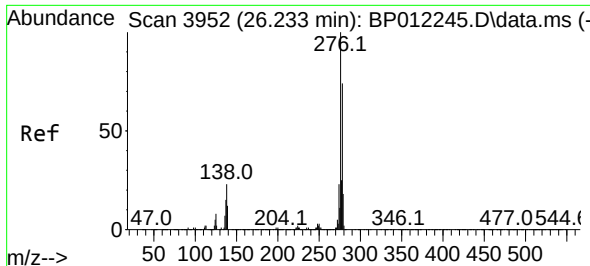


#93
Benzo(a)pyrene
Concen: 3.551 ng/ul
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40



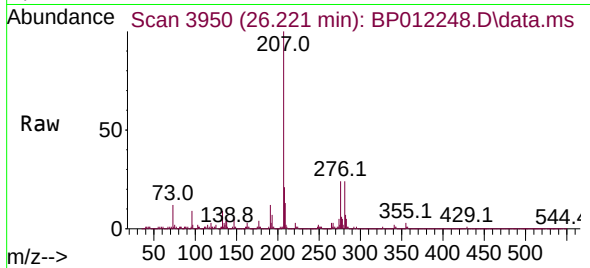
Tgt Ion:252 Resp: 288714
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 13.3 9.7 14.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng/ul
RT: 26.221 min Scan# 3952
Delta R.T. -0.024 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40

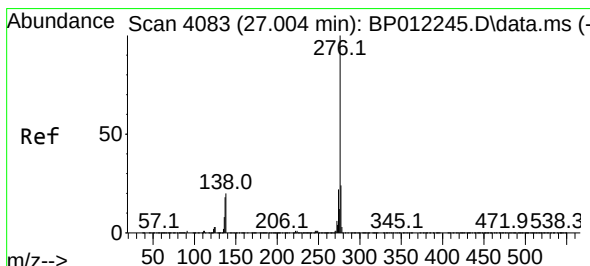
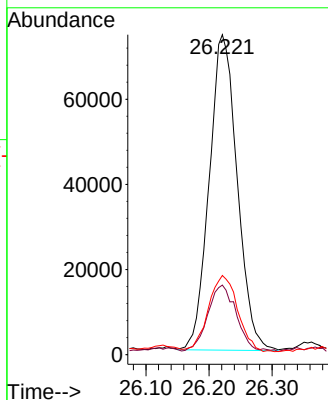
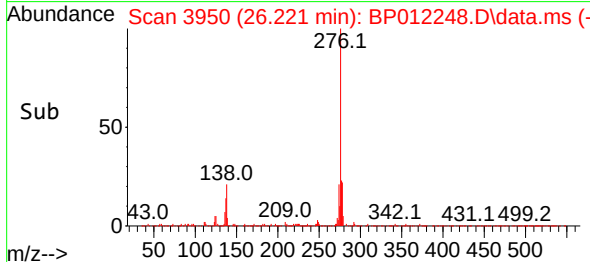
Instrument :
BNA_P
ClientSampleId :
C0BN4



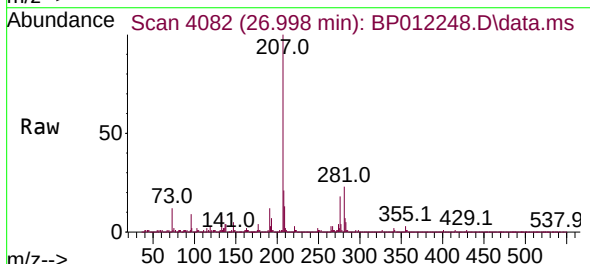
Tgt Ion:276 Resp: 228305
Ion Ratio Lower Upper
276 100
138 21.7 20.3 30.5
277 24.7 20.2 30.4

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 2.122 ng/ul
RT: 26.998 min Scan# 4082
Delta R.T. -0.012 min
Lab File: BP012248.D
Acq: 21 Oct 2022 16:40



Tgt Ion:276 Resp: 187586
Ion Ratio Lower Upper
276 100
138 21.6 17.9 26.9
277 24.2 18.9 28.3

