

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012267.D
 Acq On : 22 Oct 2022 04:06
 Operator : CG/JU
 Sample : N5064-17
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COBN6

Quant Time: Oct 22 05:39:51 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

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	7.816	152	412178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1663674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	900305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1585885	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1503958	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1736579	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	42087	4.132	ng/uL	0.00
4) Pyridine-d5	3.681	84	186983	6.371	ng/u1	0.00
7) Phenol-d5	6.993	99	782156	21.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	504414	23.374	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	656159	24.225	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	421727	15.249	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	328840	26.703	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	357740	26.925	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	596737	23.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	540593	15.267	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	1693863	27.047	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1942144	27.168	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	183161	15.611	ng/u1	0.00
60) Fluorene-d10	15.469	176	1403476	26.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	132874	14.728	ng/u1	0.00
73) Anthracene-d10	17.327	188	1871668	26.925	ng/u1	0.00
81) Pyrene-d10	19.569	212	2080180	24.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2346130	26.940	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.016	94	43515	1.169	ng/u1	95
36) 2-Methylnaphthalene	12.287	142	63118	1.043	ng/u1	98
37) 1-Methylnaphthalene	12.504	142	67257	1.113	ng/u1	96
50) Acenaphthylene	14.192	152	189290	2.377	ng/u1	98
72) Phenanthrene	17.275	178	1461305	17.144	ng/u1	99
74) Anthracene	17.363	178	178483	2.116	ng/u1	99
80) Fluoranthene	19.245	202	1564857	14.789	ng/u1	97
82) Pyrene	19.598	202	1979936	18.290	ng/u1	96
85) Benzo(a)anthracene	21.304	228	730148	7.449	ng/u1	98
87) Chrysene	21.357	228	1383753	15.128	ng/u1	99
90) Benzo(b)fluoranthene	22.992	252	1581911	13.669	ng/u1	99
91) Benzo(k)fluoranthene	23.039	252	583610m	5.116	ng/u1	
93) Benzo(a)pyrene	23.615	252	929558	9.393	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.221	276	870128	7.595	ng/u1	95
95) Dibenzo(a,h)anthracene	26.227	278	252891	2.448	ng/u1#	81
96) Benzo(g,h,i)perylene	26.986	276	785890	7.306	ng/u1	98

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

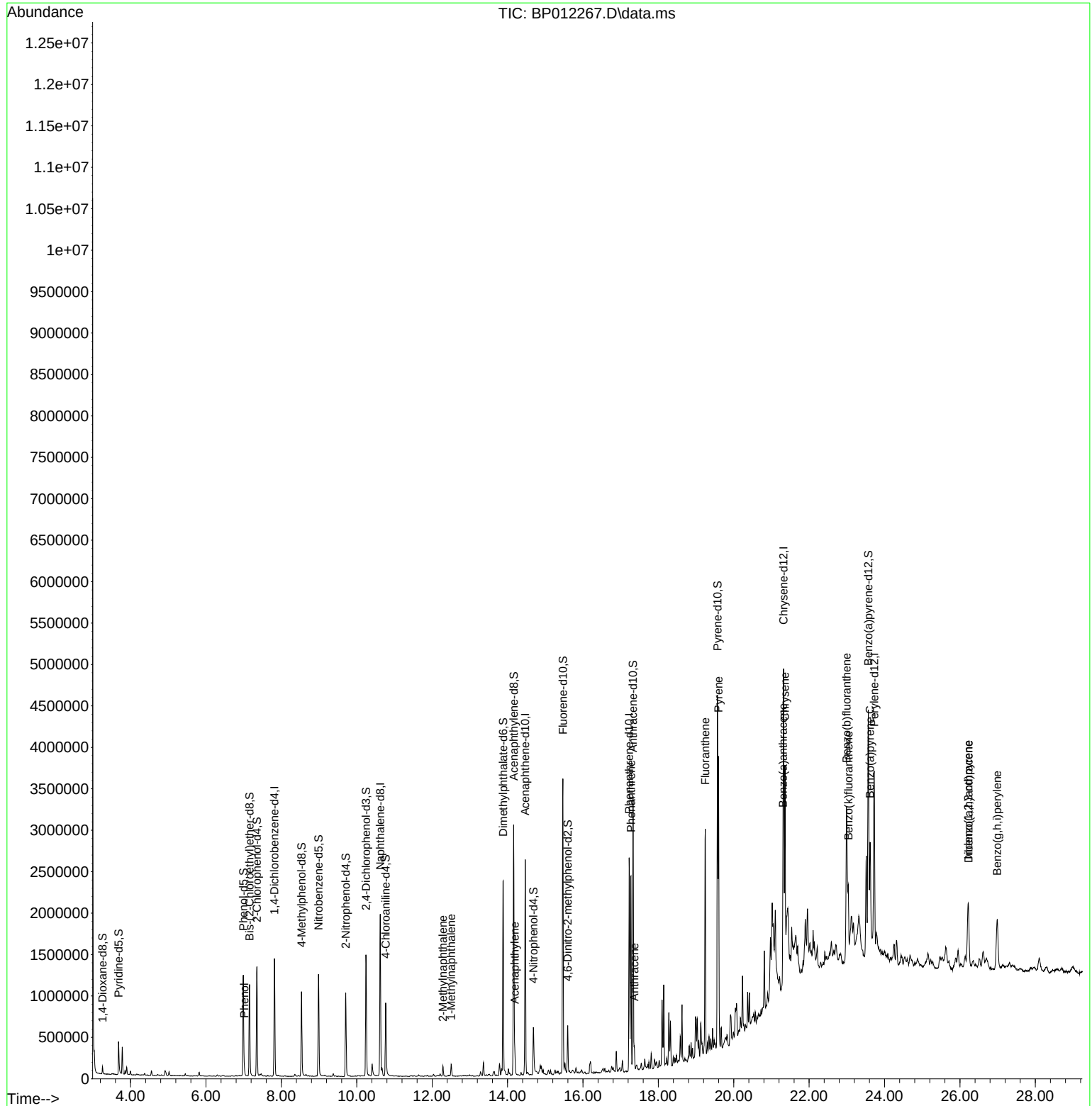
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012267.D
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 Operator : CG/JU
 Sample : N5064-17
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 ALS Vial : 63 Sample Multiplier: 1

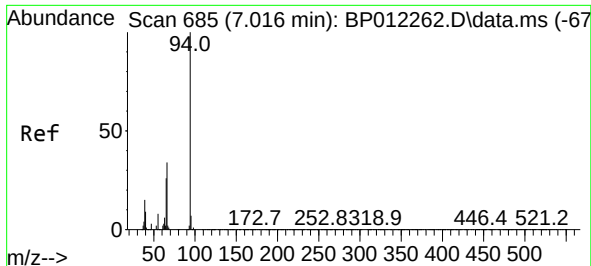
Instrument :
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 C0BN6

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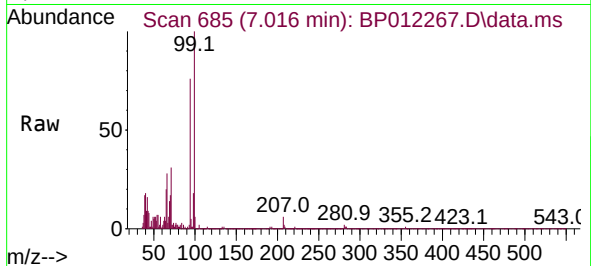
Quant Time: Oct 22 05:39:51 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
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#8
Phenol
Concen: 1.169 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

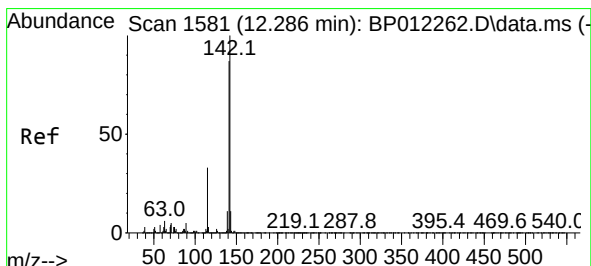
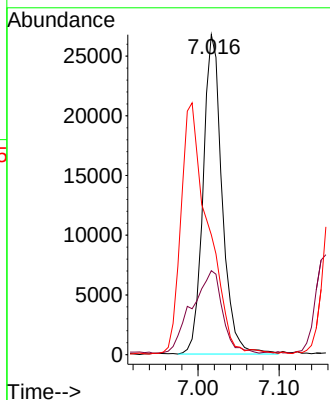
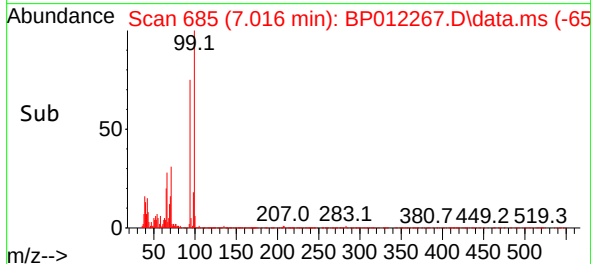
Instrument :
BNA_P
ClientSampleId :
COBN6



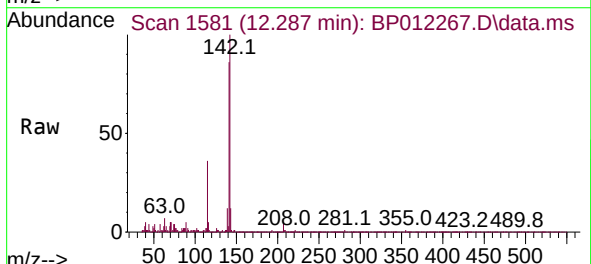
Tgt Ion: 94 Resp: 43515
Ion Ratio Lower Upper
94 100
65 26.2 20.6 31.0
66 37.4 26.2 39.4

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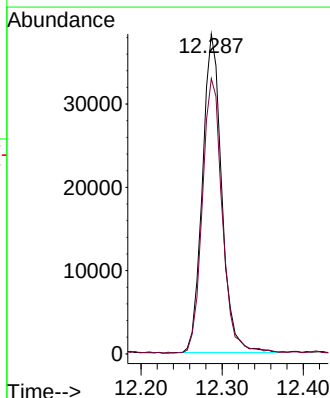
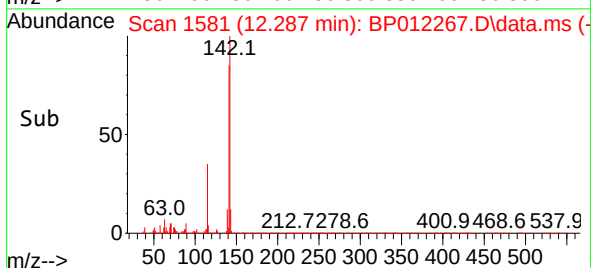
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

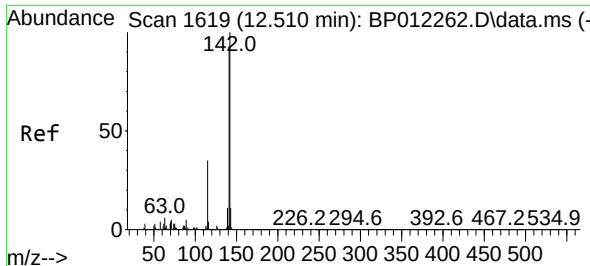


#36
2-Methylnaphthalene
Concen: 1.043 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06



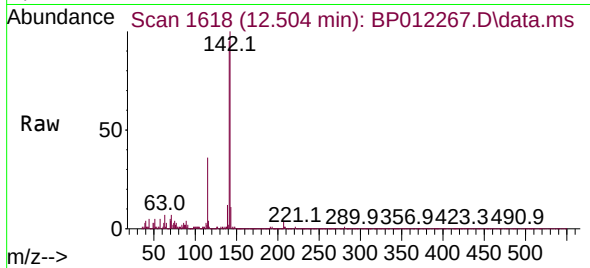
Tgt Ion:142 Resp: 63118
Ion Ratio Lower Upper
142 100
141 86.0 70.3 105.5





#37
1-Methylnaphthalene
Concen: 1.113 ng/ul
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

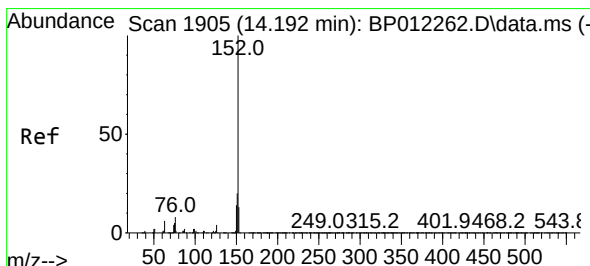
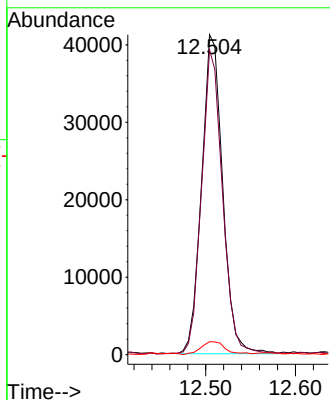
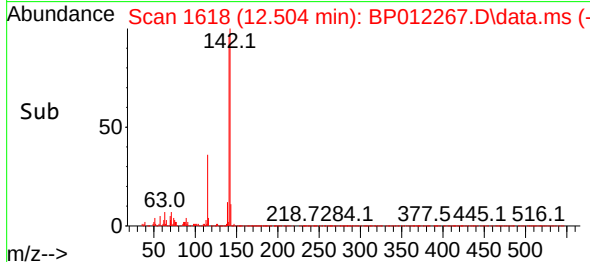
Instrument :
BNA_P
ClientSampleId :
COBN6



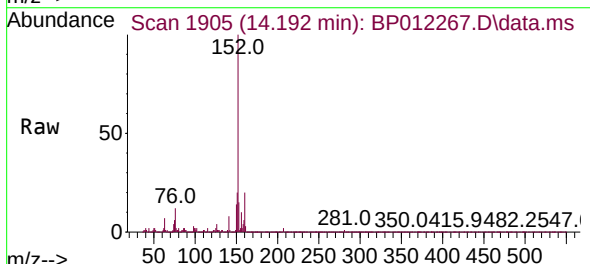
Tgt Ion:142 Resp: 67252
Ion Ratio Lower Upper
142 100
141 95.3 73.4 110.0
116 4.0 3.0 4.4

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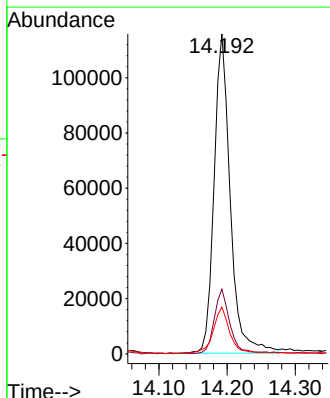
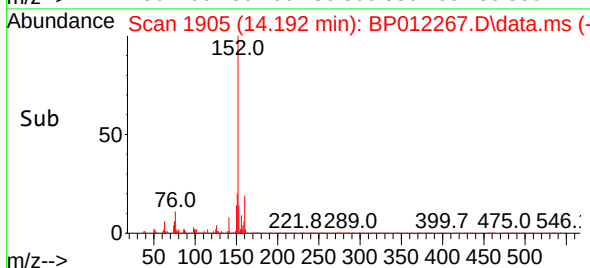
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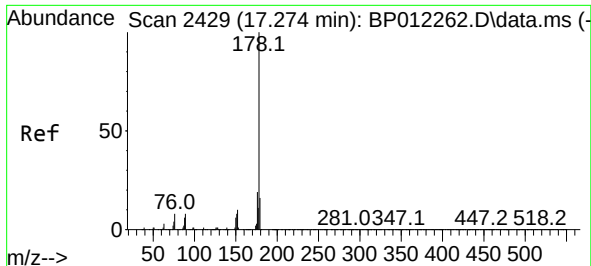


#50
Acenaphthylene
Concen: 2.377 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06



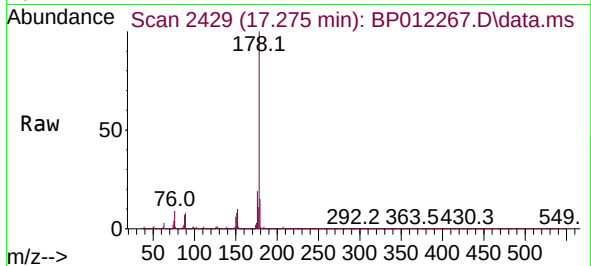
Tgt Ion:152 Resp: 189290
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 14.6 10.6 16.0





#72
Phenanthrene
Concen: 17.144 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

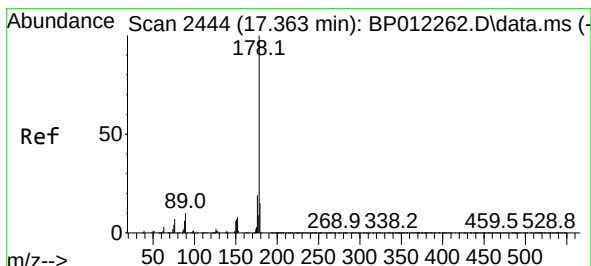
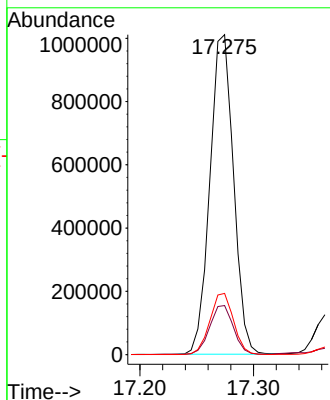
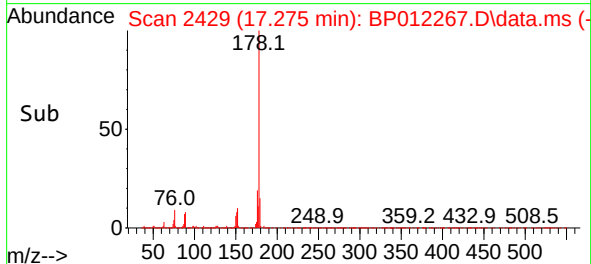
Instrument :
BNA_P
ClientSampleId :
COBN6



Tgt Ion:178 Resp: 1461305
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.1 15.6 23.4

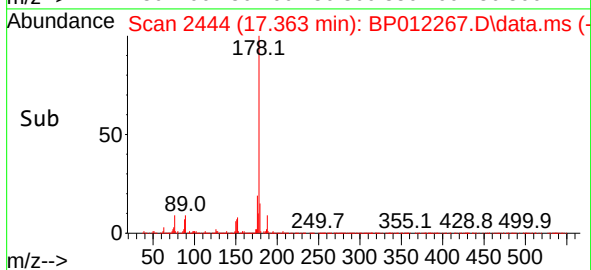
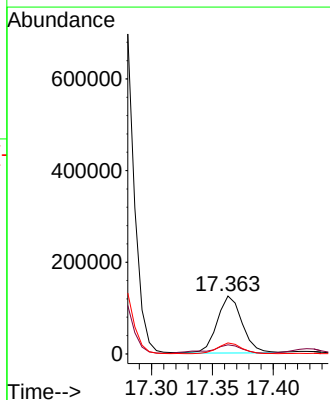
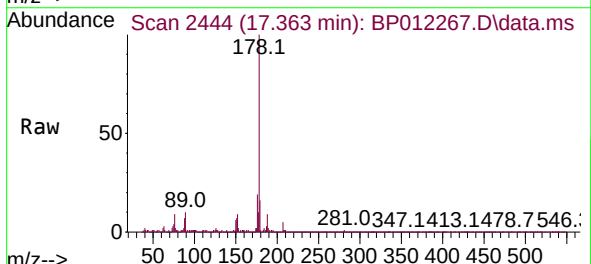
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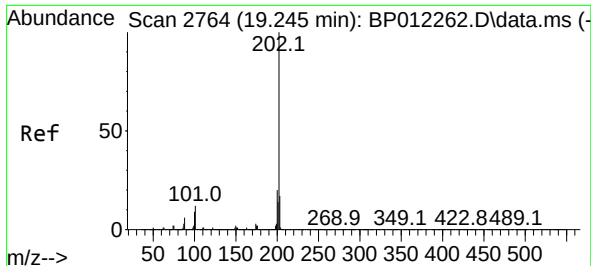
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#74
Anthracene
Concen: 2.116 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

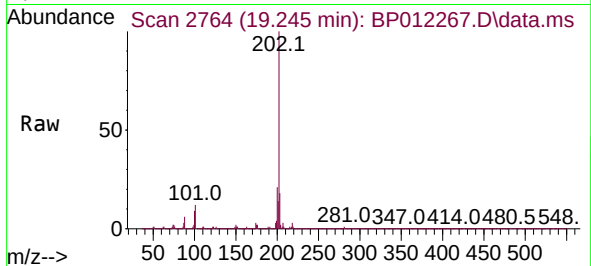
Tgt Ion:178 Resp: 178483
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 14.789 ng/ul
RT: 19.245 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

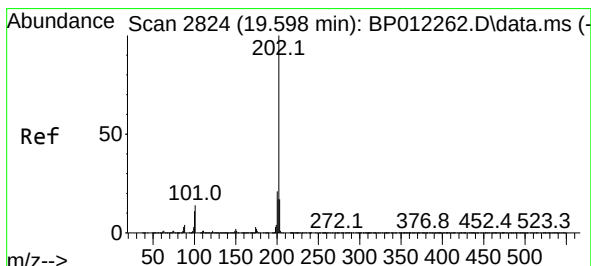
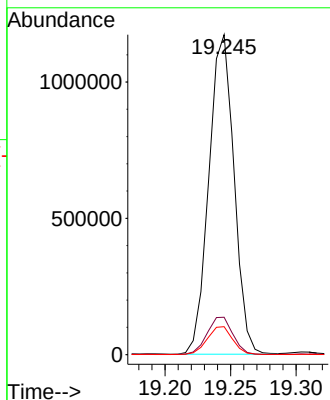
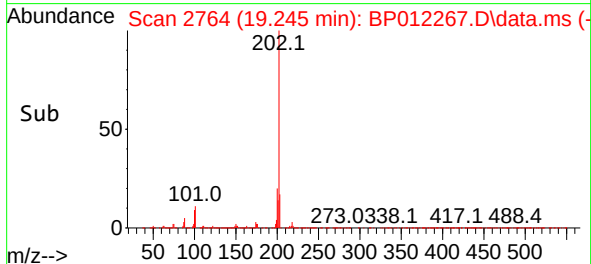
Instrument :
BNA_P
ClientSampleId :
COBN6



Tgt Ion:202 Resp: 156485
Ion Ratio Lower Upper
202 100
101 11.7 10.4 15.6
100 8.7 7.7 11.5

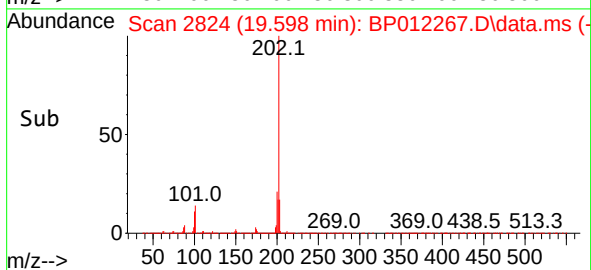
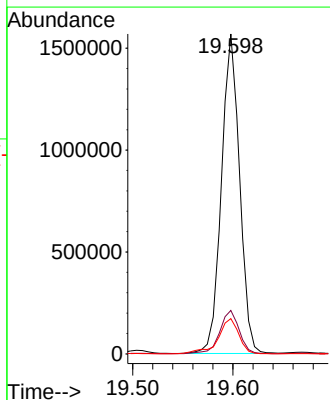
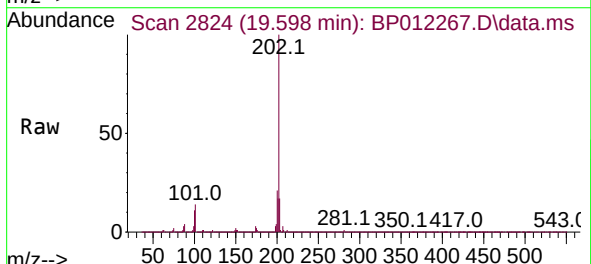
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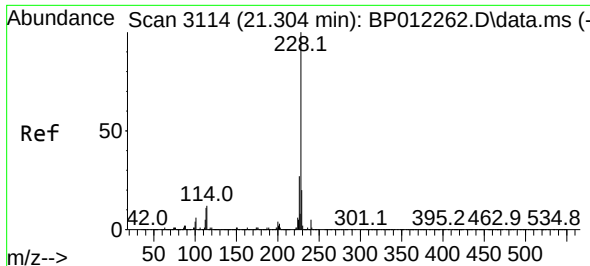
Reviewed By :Jagrut Upadhyay 10/24/2022
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#82
Pyrene
Concen: 18.290 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

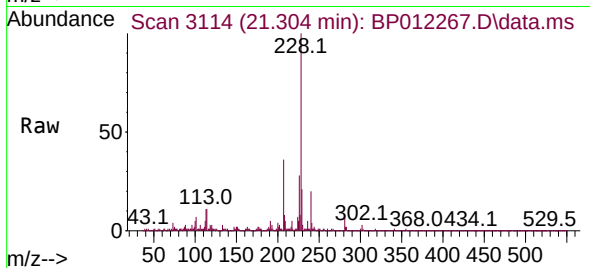
Tgt Ion:202 Resp: 1979936
Ion Ratio Lower Upper
202 100
101 13.6 12.3 18.5
100 11.0 10.0 15.0





#85
Benzo(a)anthracene
Concen: 7.449 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

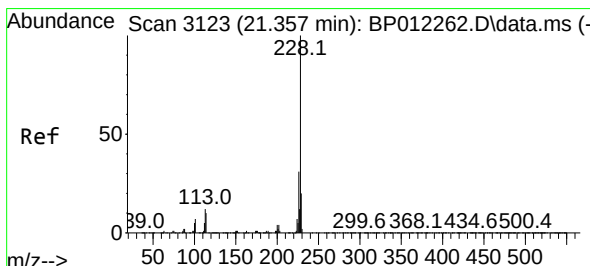
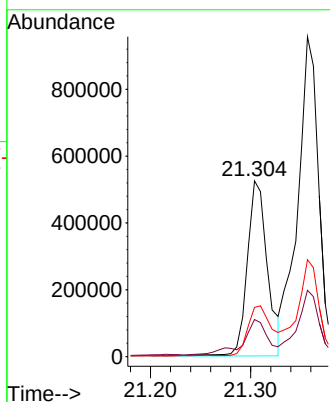
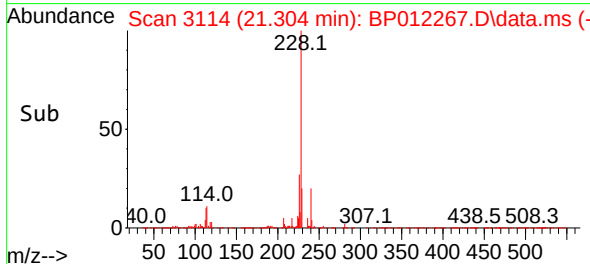
Instrument :
BNA_P
ClientSampleId :
COBN6



Tgt Ion:228 Resp: 730148
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.0 21.9 32.9

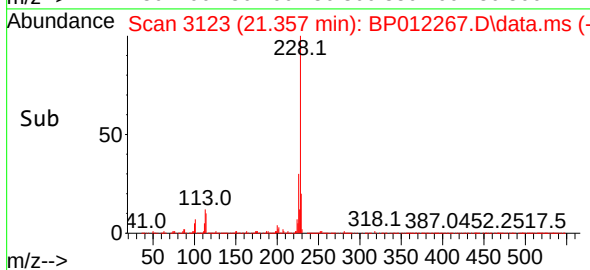
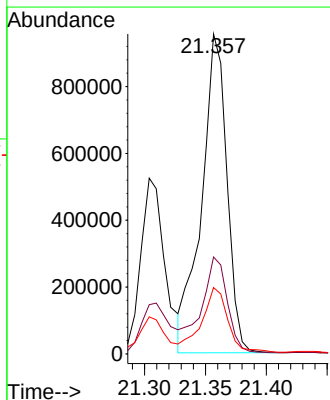
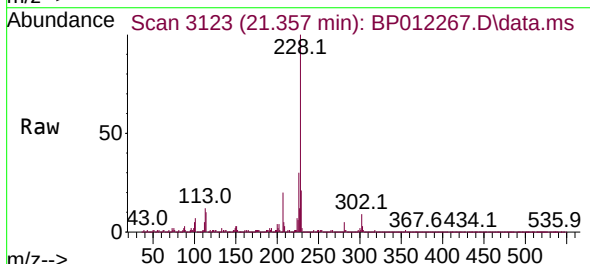
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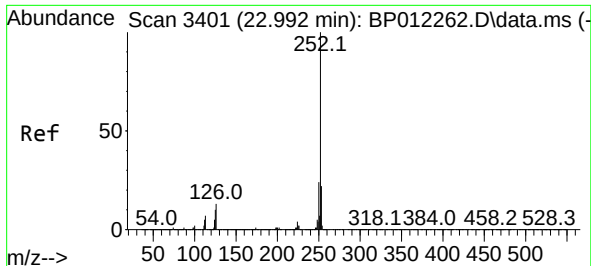
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 15.128 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

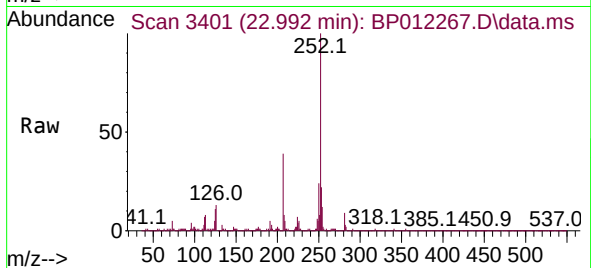
Tgt Ion:228 Resp: 1383753
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.7 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 13.669 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

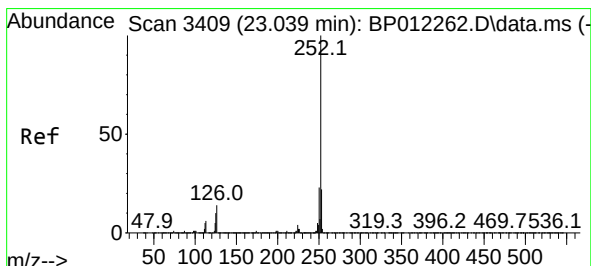
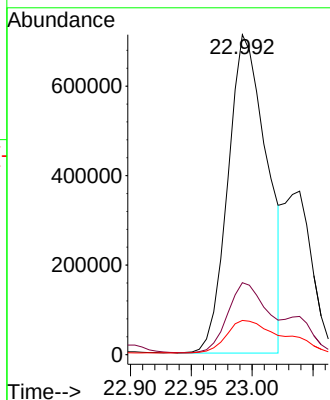
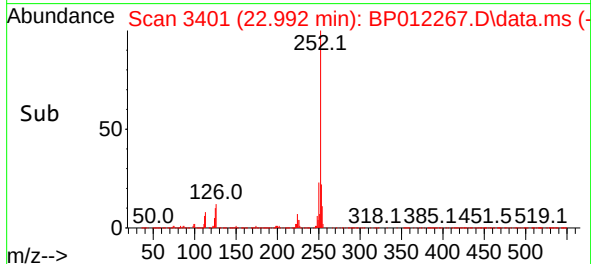
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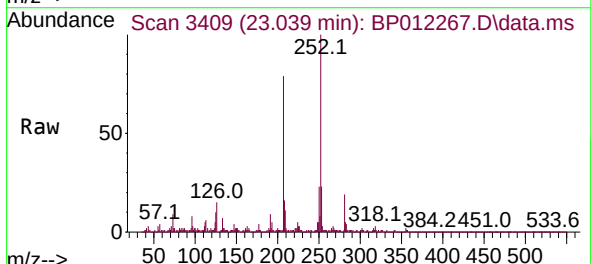
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Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.7 8.5 12.7

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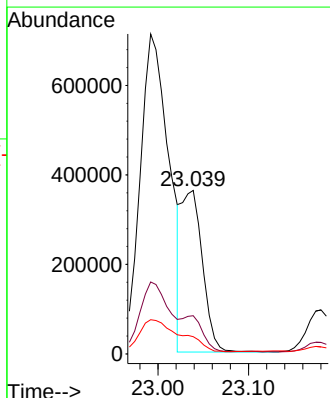
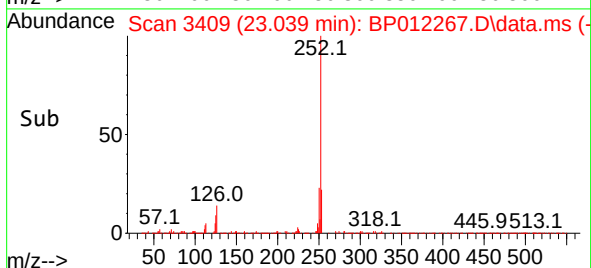
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Supervised By :mohammad ahmed 10/24/2022

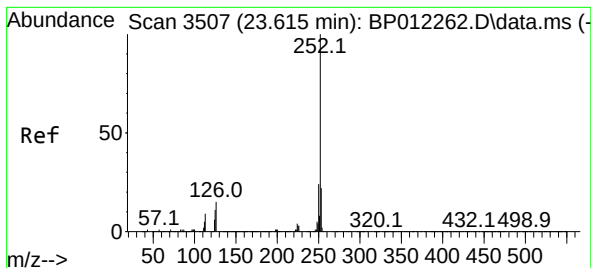


#91
Benzo(k)fluoranthene
Concen: 5.116 ng/ul m
RT: 23.039 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06



Tgt Ion:252 Resp: 583610
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.5 8.6 13.0





#93

Benzo(a)pyrene

Concen: 9.393 ng/ul

RT: 23.615 min Scan# 3507

Delta R.T. -0.000 min

Lab File: BP012267.D

Acq: 22 Oct 2022 04:06

Instrument :

BNA_P

ClientSampleId :

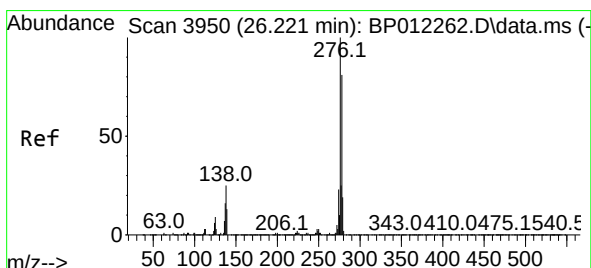
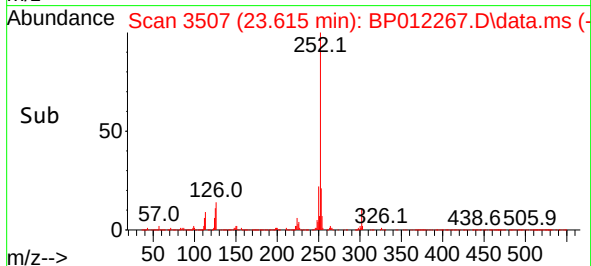
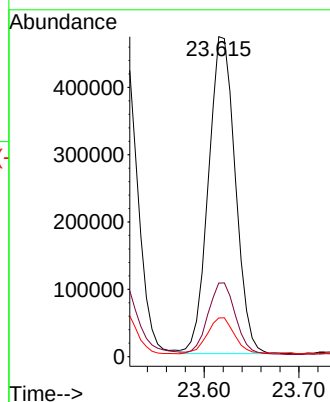
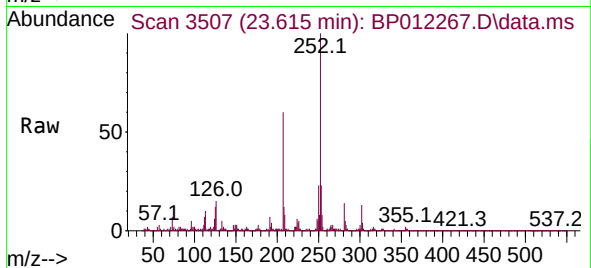
COBN6

Tgt Ion:	252	Resp:	929558
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	12.1	9.7	14.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.595 ng/ul

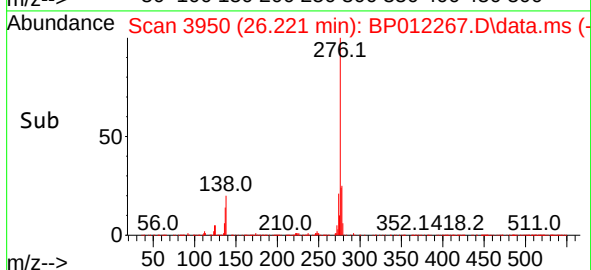
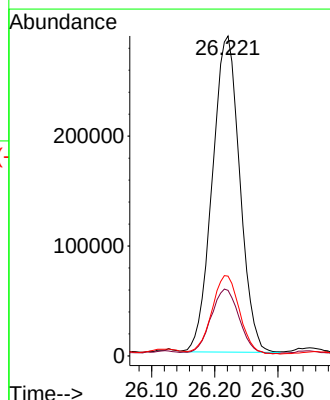
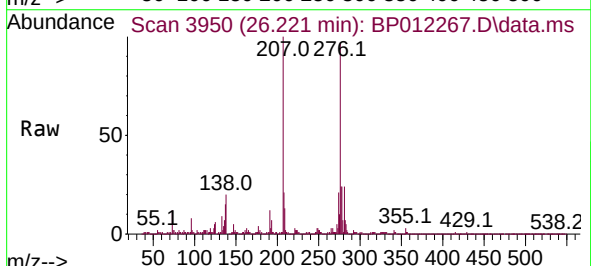
RT: 26.221 min Scan# 3950

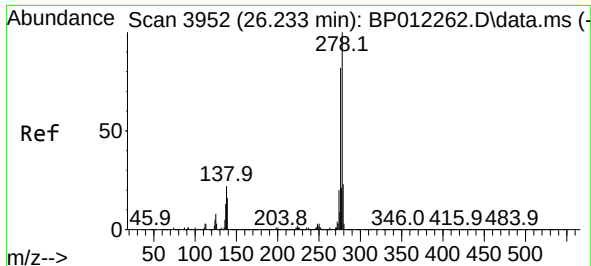
Delta R.T. -0.000 min

Lab File: BP012267.D

Acq: 22 Oct 2022 04:06

Tgt Ion:	276	Resp:	870128
Ion Ratio	Lower	Upper	
276	100		
138	20.5	20.3	30.5
277	24.9	20.2	30.4





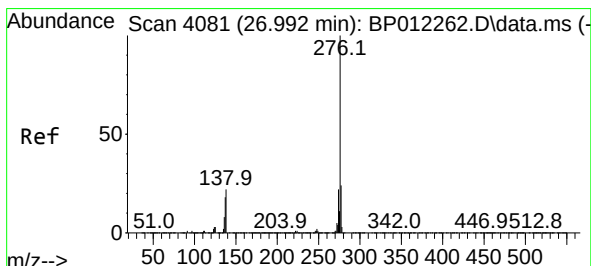
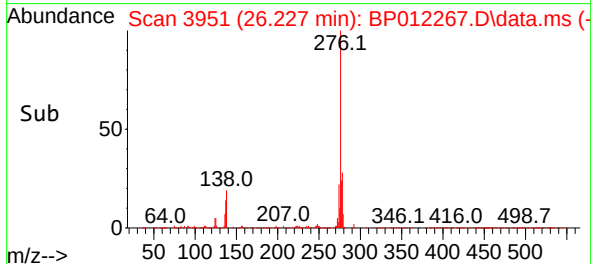
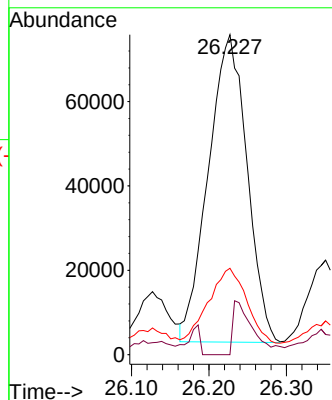
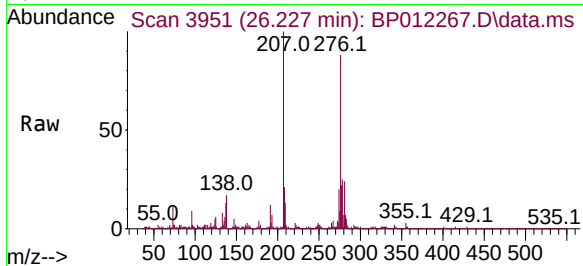
#95
Dibenzo(a,h)anthracene
Concen: 2.448 ng/ul
RT: 26.227 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

Instrument :
BNA_P
ClientSampleId :
COBN6

Tgt Ion:278 Resp: 252891
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3
279 27.0 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: 7.306 ng/ul
RT: 26.986 min Scan# 4080
Delta R.T. -0.006 min
Lab File: BP012267.D
Acq: 22 Oct 2022 04:06

Tgt Ion:276 Resp: 785890
Ion Ratio Lower Upper
276 100
138 21.3 17.9 26.9
277 23.0 18.9 28.3

