

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022293.D
 Acq On : 09 Oct 2024 17:02
 Operator : RC/JU
 Sample : P4162-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	176861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	697221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	530739	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1194220	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1093475	20.000	ng/u1	0.02
88) Perylene-d12	24.857	264	1312652	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	7068	1.553	ng/uL	0.00
4) Pyridine-d5	3.652	84	6481	0.519	ng/u1	0.02
7) Phenol-d5	6.893	99	158179	10.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	101382	11.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	127675	12.086	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	91141	7.671	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	65413	12.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	80856	13.027	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	158545	12.019	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	27541	1.767	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	542719	12.870	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	574360	12.824	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	63852	9.026	ng/u1	0.01
60) Fluorene-d10	15.316	176	482559	13.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	67780	8.630	ng/u1	0.00
73) Anthracene-d10	17.222	188	771411	13.731	ng/u1	0.00
81) Pyrene-d10	19.592	212	705248	12.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	533680	7.613	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.516	105	28501	1.453	ng/u1	89
50) Acenaphthylene	14.034	152	68922	1.483	ng/u1	97
52) Acenaphthene	14.381	153	34672	1.055	ng/u1	99
61) Fluorene	15.375	166	49607	1.233	ng/u1	99
72) Phenanthrene	17.163	178	1188584	18.603	ng/u1	99
74) Anthracene	17.257	178	235339	3.691	ng/u1	99
77) Carbazole	17.533	167	97359	1.726	ng/u1	96
80) Fluoranthene	19.245	202	2903567	43.678	ng/u1	99
82) Pyrene	19.627	202	1860500	26.112	ng/u1	98
85) Benzo(a)anthracene	21.539	228	1246827	16.265	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	260399	7.313	ng/u1	99
87) Chrysene	21.604	228	1408690	19.819	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	2098118	25.393	ng/u1	98
91) Benzo(k)fluoranthene	23.868	252	675027m	8.344	ng/u1	
93) Benzo(a)pyrene	24.686	252	621923	8.178	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.586	276	688992	6.789	ng/u1	96
95) Dibenzo(a,h)anthracene	28.645	278	261657	3.184	ng/u1#	90

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

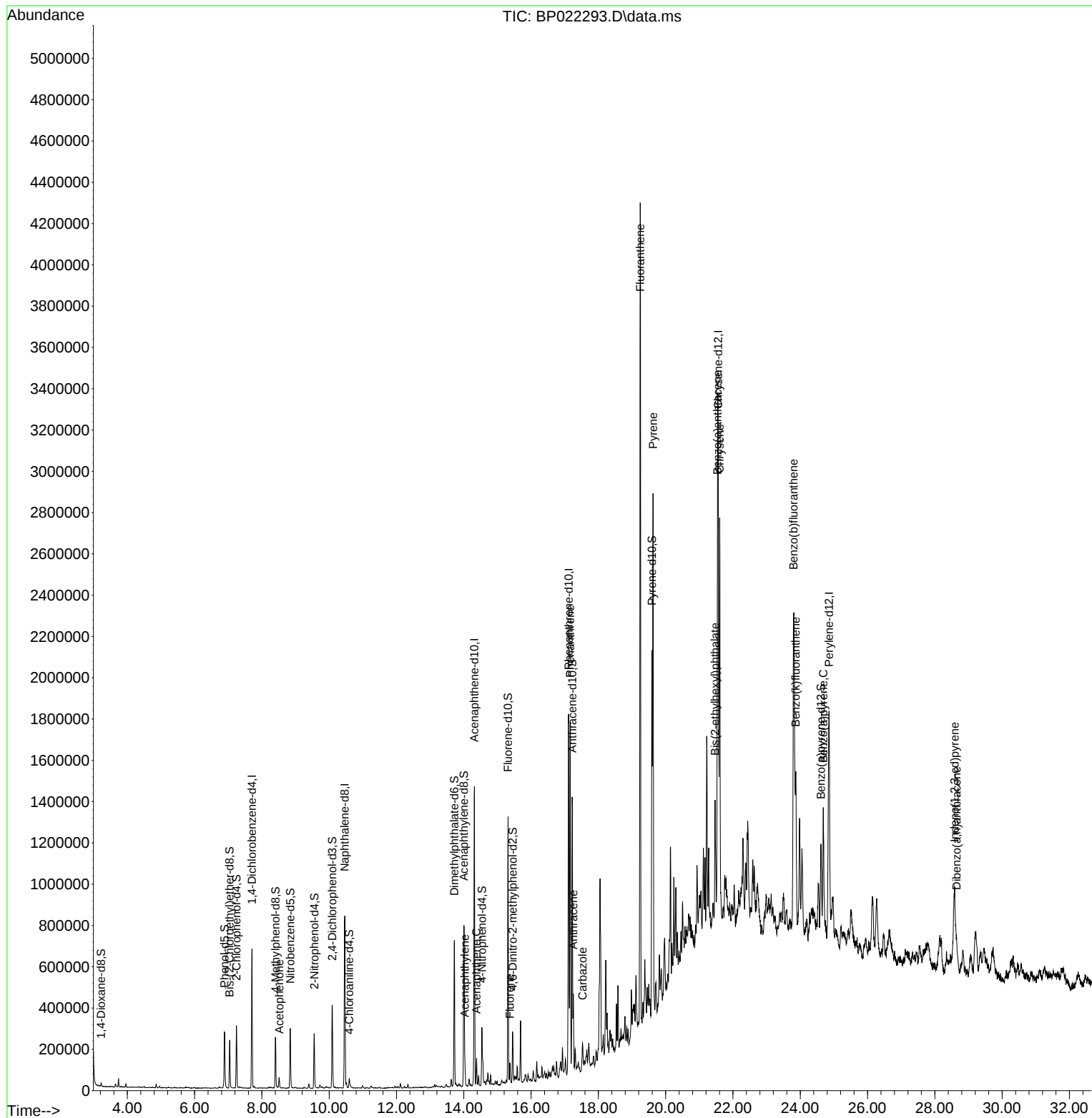
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
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ALS Vial : 11 Sample Multiplier: 1

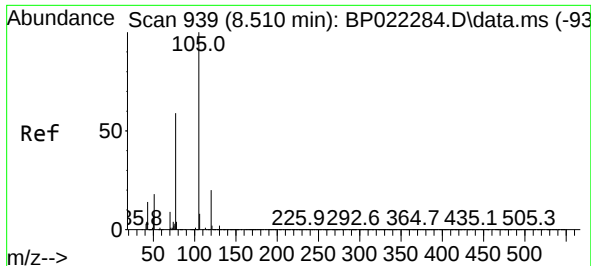
Instrument :
BNA_P
ClientSampleId :
A4EJ3

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Quant Title : SVOA CALIBRATION
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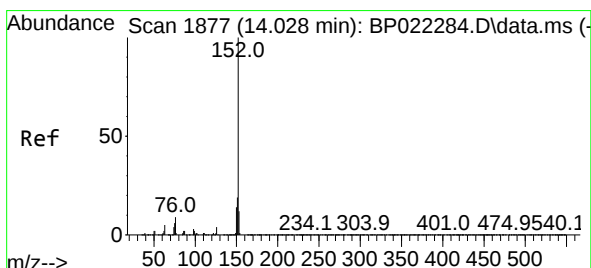
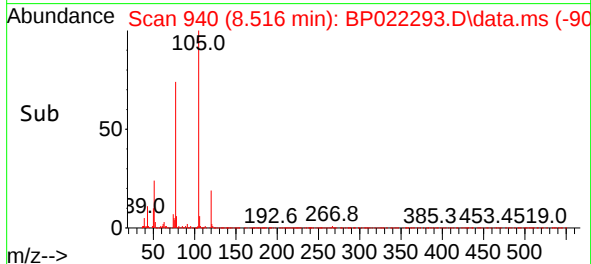
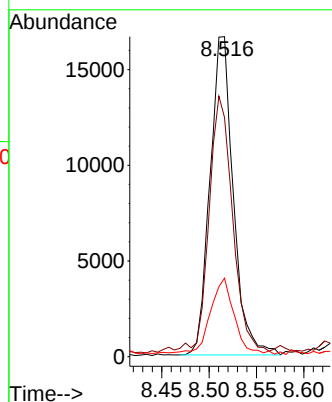
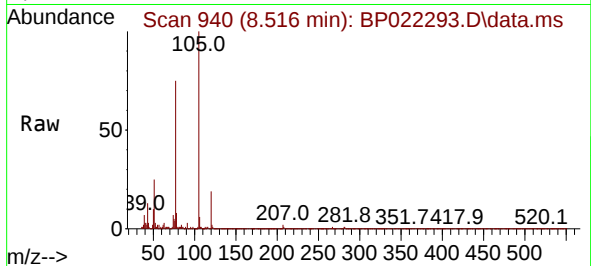
#16
Acetophenone
Concen: 1.453 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02

Instrument :
BNA_P
ClientSampleId :
A4EJ3

Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.8	69.0	103.4
51	24.6	22.6	33.8

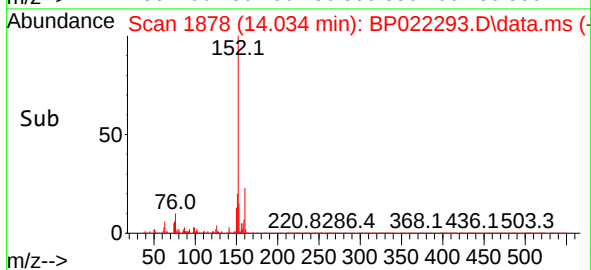
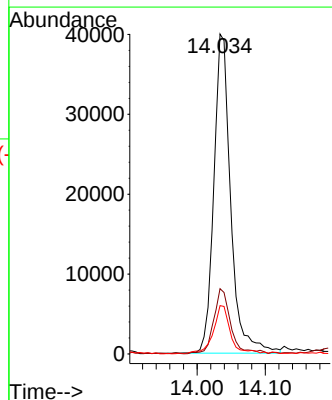
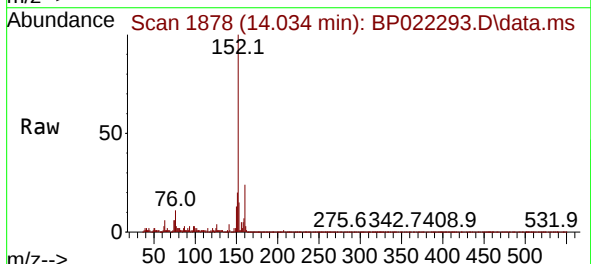
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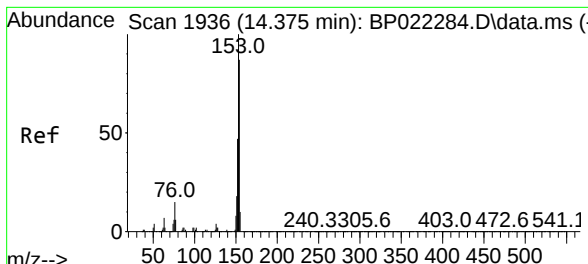
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#50
Acenaphthylene
Concen: 1.483 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	15.1	10.3	15.5



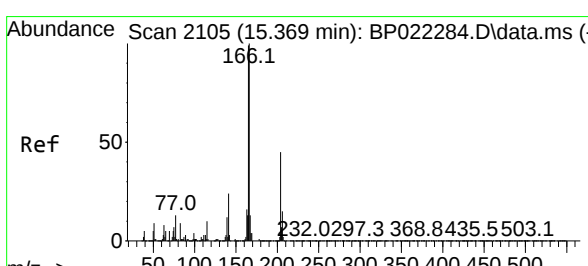
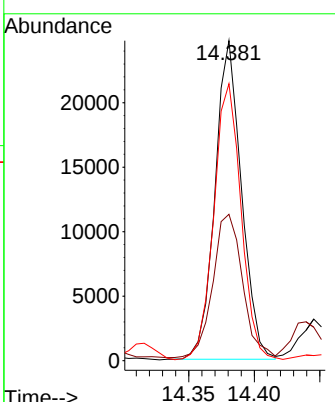
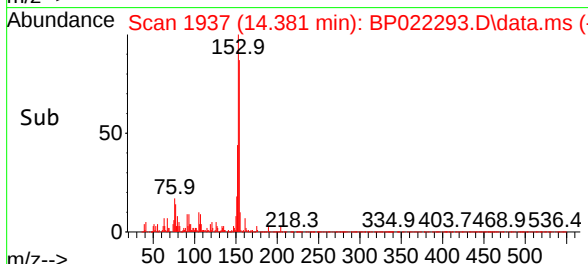
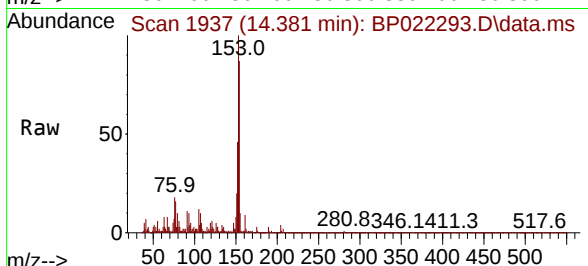


#52
 Acenaphthene
 Concen: 1.055 ng/ul
 RT: 14.381 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

Instrument : BNA_P
 ClientSampleId : A4EJ3

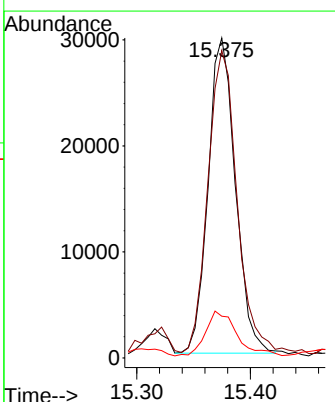
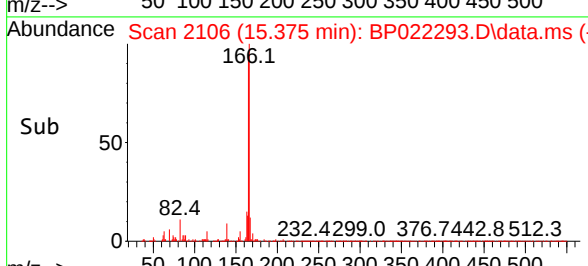
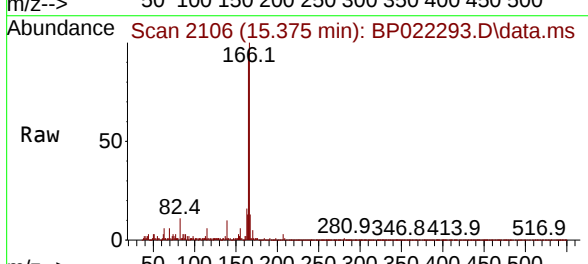
Tgt Ion:	153	Resp:	3467
Ion Ratio	Lower	Upper	
153	100		
152	45.7	37.8	56.6
154	86.6	69.5	104.3

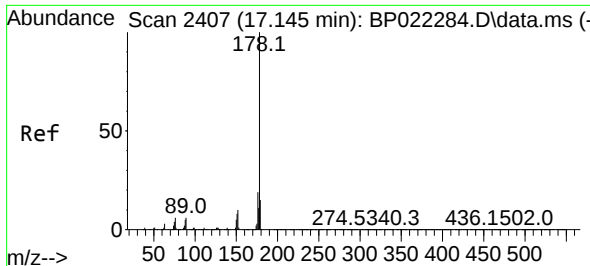
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#61
 Fluorene
 Concen: 1.233 ng/ul
 RT: 15.375 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

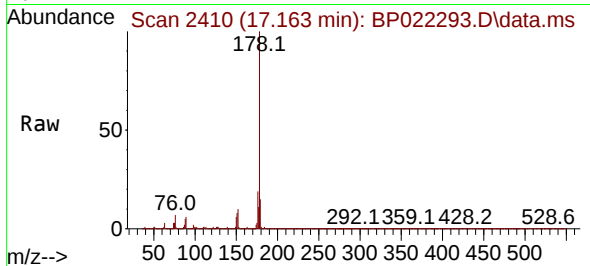
Tgt Ion:	166	Resp:	49607
Ion Ratio	Lower	Upper	
166	100		
165	96.1	77.8	116.6
167	13.0	11.1	16.7





#72
Phenanthrene
Concen: 18.603 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02

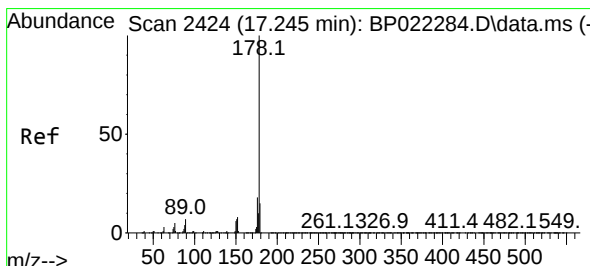
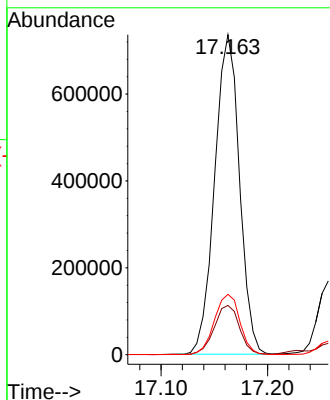
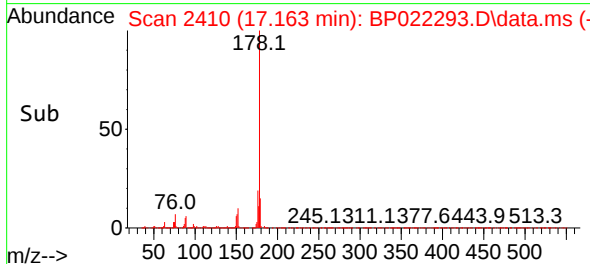
Instrument :
BNA_P
ClientSampleId :
A4EJ3



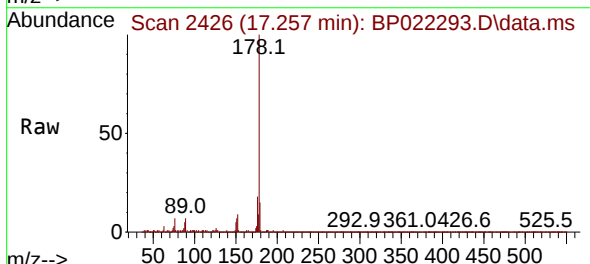
Tgt Ion:178 Resp: 1188584
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.8 15.7 23.5

Manual Integrations
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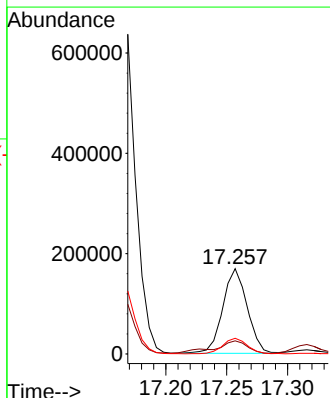
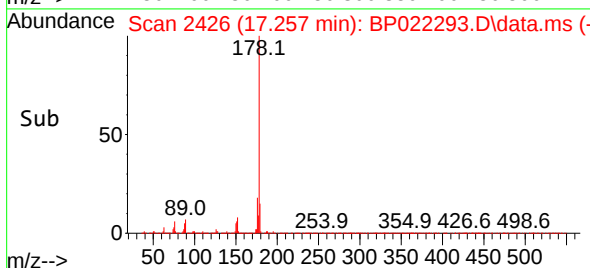
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

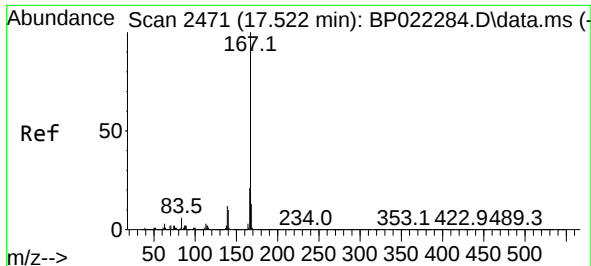


#74
Anthracene
Concen: 3.691 ng/ul
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02



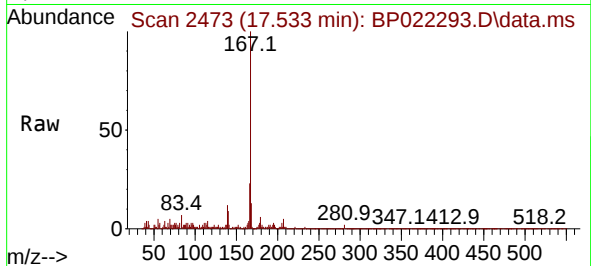
Tgt Ion:178 Resp: 235339
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.4 15.0 22.4





#77
 Carbazole
 Concen: 1.726 ng/ul
 RT: 17.533 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

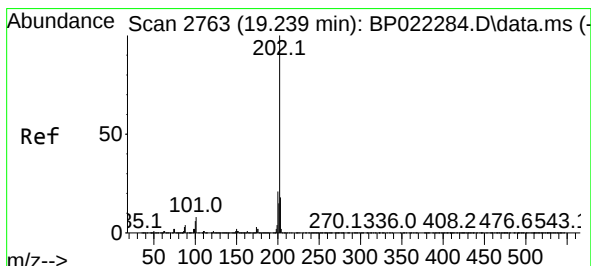
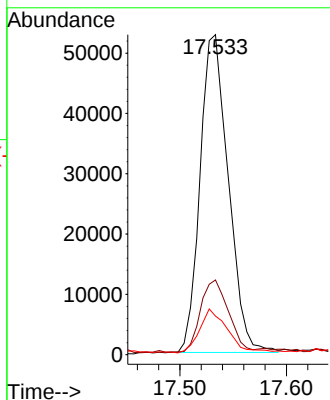
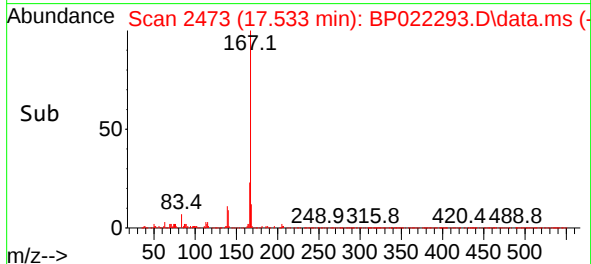
Instrument :
 BNA_P
 ClientSampleId :
 A4EJ3



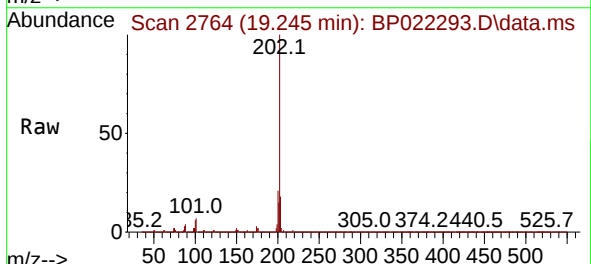
Tgt Ion:167 Resp: 97359
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.0 25.6
 139 12.1 10.3 15.5

Manual Integrations
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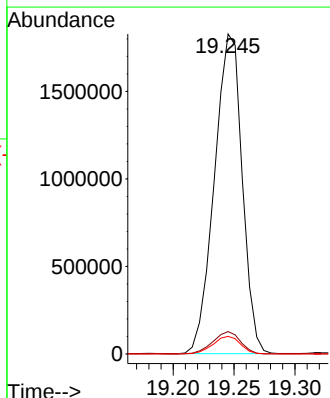
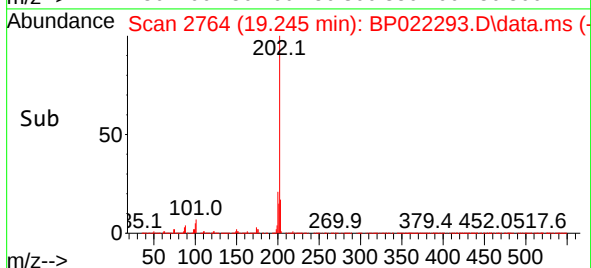
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

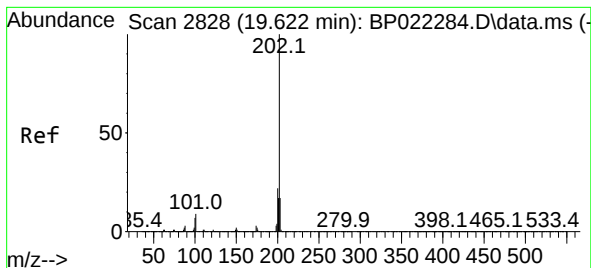


#80
 Fluoranthene
 Concen: 43.678 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02



Tgt Ion:202 Resp: 2903567
 Ion Ratio Lower Upper
 202 100
 101 7.0 5.8 8.8
 100 5.5 4.5 6.7





#82

Pyrene

Concen: 26.112 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022293.D

Acq: 09 Oct 2024 17:02

Instrument :

BNA_P

ClientSampleId :

A4EJ3

Tgt Ion:202 Resp: 1860500

Ion Ratio Lower Upper

202 100

101 7.6 6.7 10.1

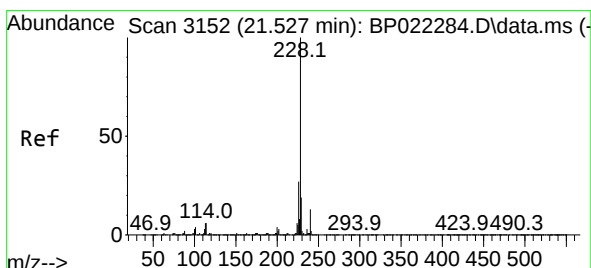
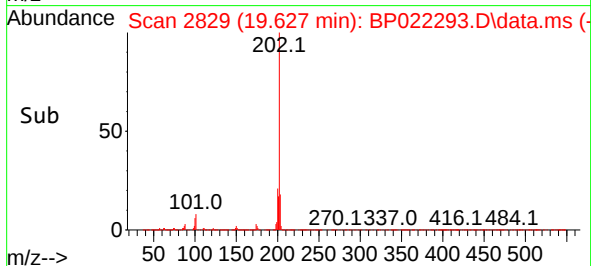
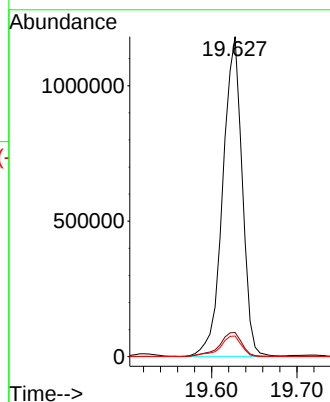
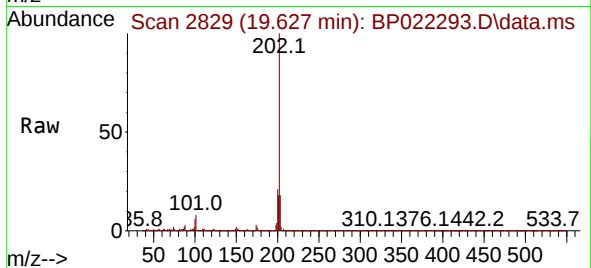
100 6.5 5.8 8.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#85

Benzo(a)anthracene

Concen: 16.265 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.018 min

Lab File: BP022293.D

Acq: 09 Oct 2024 17:02

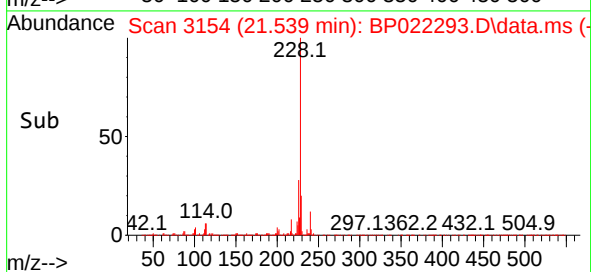
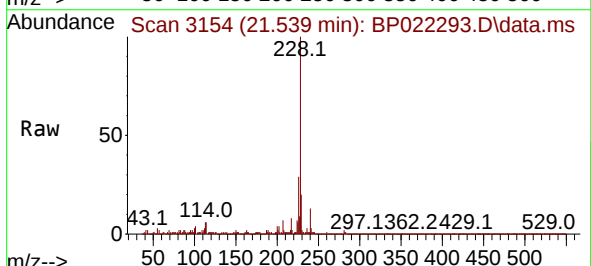
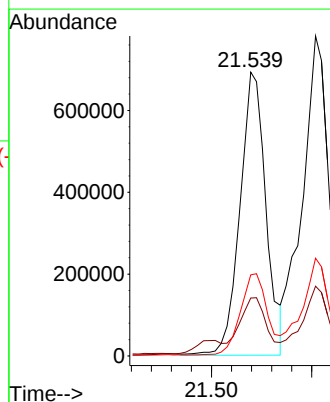
Tgt Ion:228 Resp: 1246827

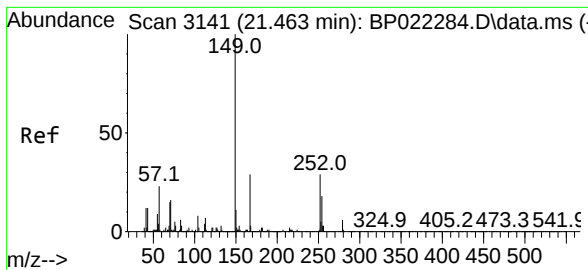
Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

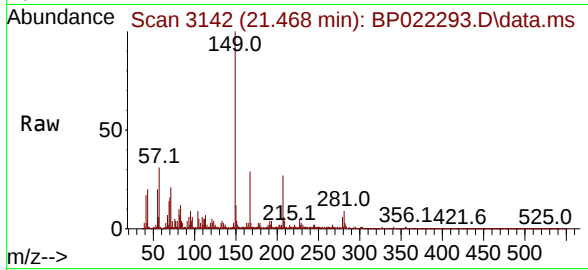
226 28.6 21.5 32.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.313 ng/ul
 RT: 21.468 min Scan# 3142
 Delta R.T. 0.006 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

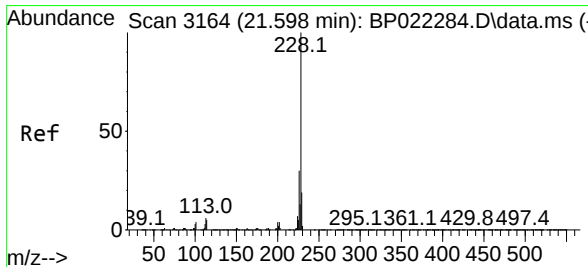
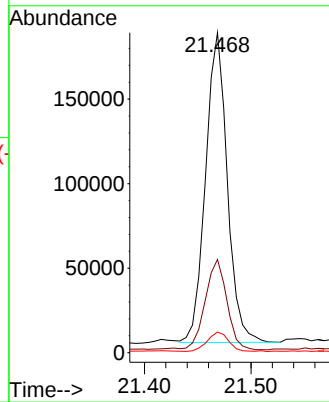
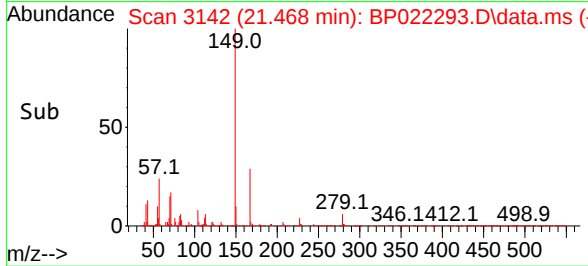
Instrument :
 BNA_P
 ClientSampleId :
 A4EJ3



Tgt Ion:149 Resp: 260399
 Ion Ratio Lower Upper
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 167 29.2 23.0 34.4
 279 6.5 4.8 7.2

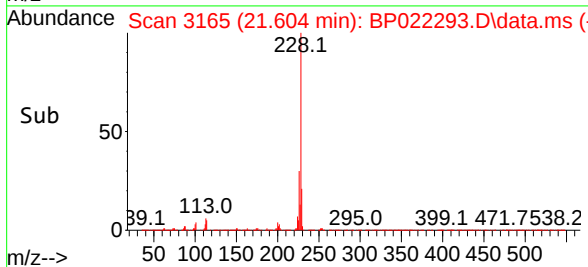
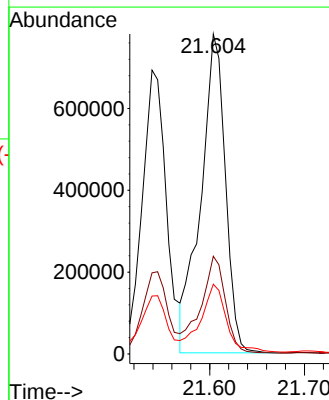
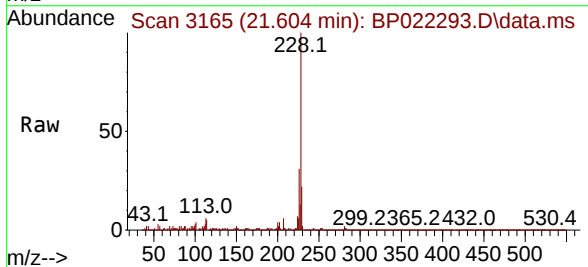
Manual Integrations
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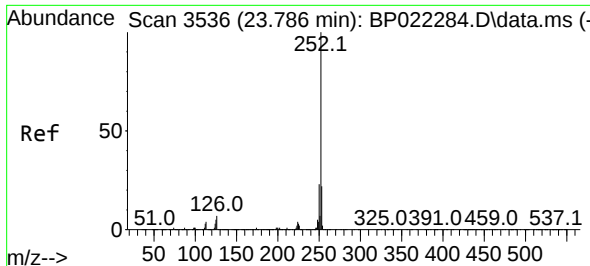
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#87
 Chrysene
 Concen: 19.819 ng/ul
 RT: 21.604 min Scan# 3165
 Delta R.T. 0.012 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

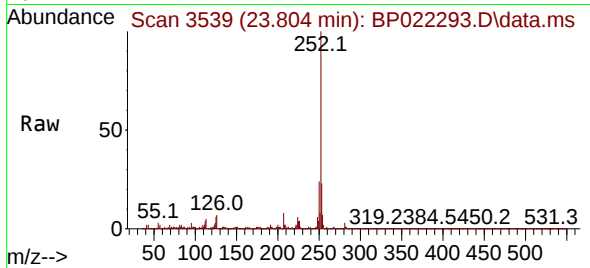
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 Ion Ratio Lower Upper
 228 100
 226 30.6 23.8 35.8
 229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 25.393 ng/ul
RT: 23.804 min Scan# 3536
Delta R.T. 0.018 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02

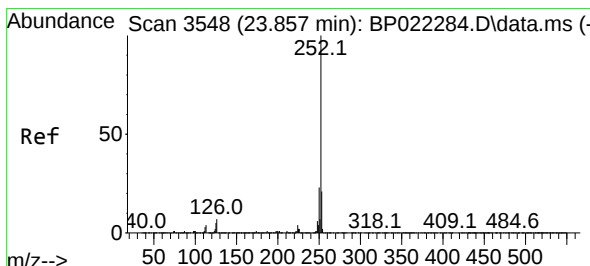
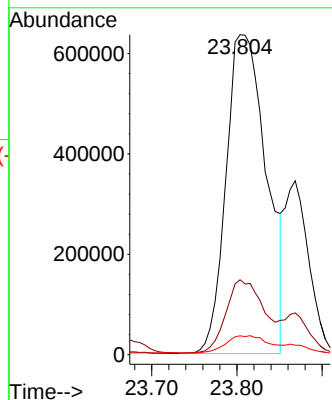
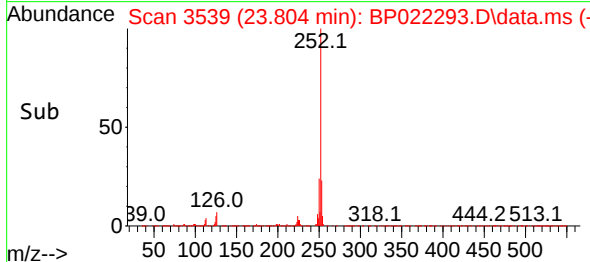
Instrument :
BNA_P
ClientSampleId :
A4EJ3



Tgt Ion:252 Resp: 2098118
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 5.9 5.0 7.4

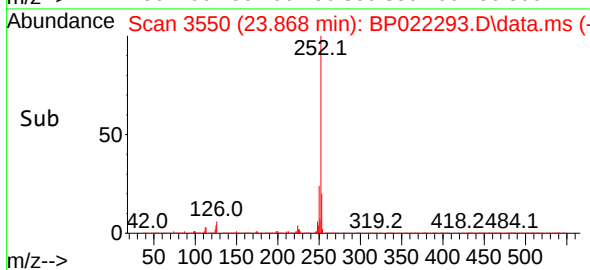
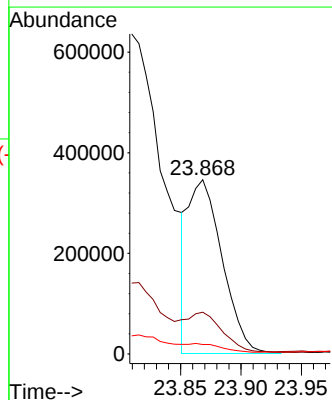
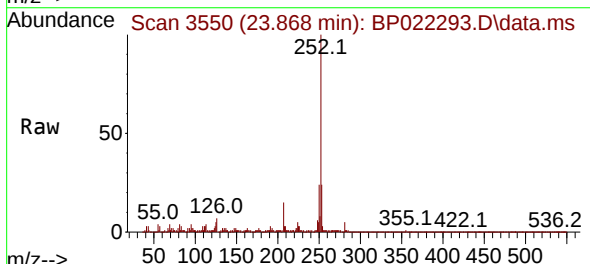
Manual Integrations
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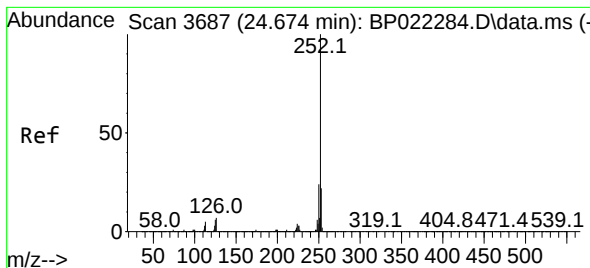
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#91
Benzo(k)fluoranthene
Concen: 8.344 ng/ul m
RT: 23.868 min Scan# 3550
Delta R.T. 0.012 min
Lab File: BP022293.D
Acq: 09 Oct 2024 17:02

Tgt Ion:252 Resp: 675027
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 5.5 4.6 6.8





#93

Benzo(a)pyrene

Concen: 8.178 ng/ul

RT: 24.686 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP022293.D

Acq: 09 Oct 2024 17:02

Instrument :

BNA_P

ClientSampleId :

A4EJ3

Tgt Ion: 252 Resp: 62192

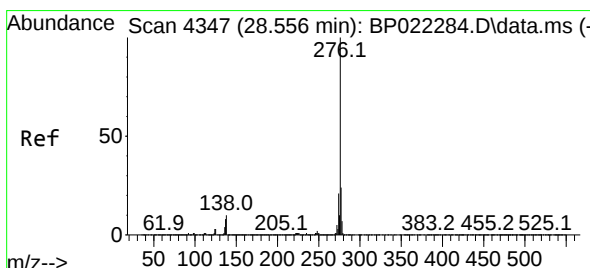
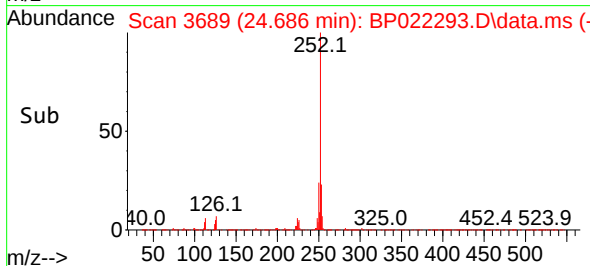
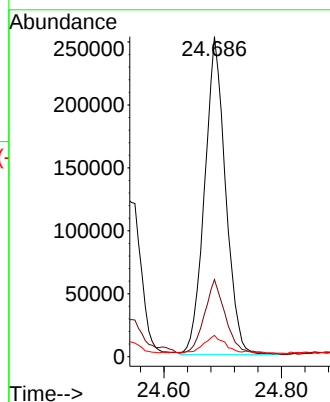
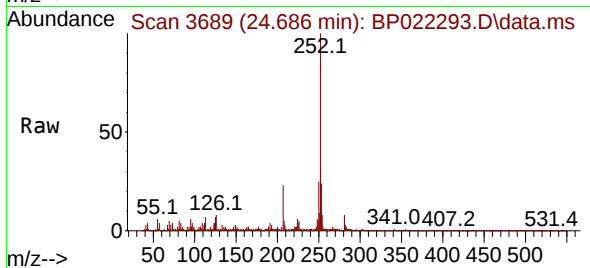
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	6.6	4.9	7.3

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 10/10/2024

Supervised By : mohammad ahmed 10/11/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.789 ng/ul

RT: 28.586 min Scan# 4352

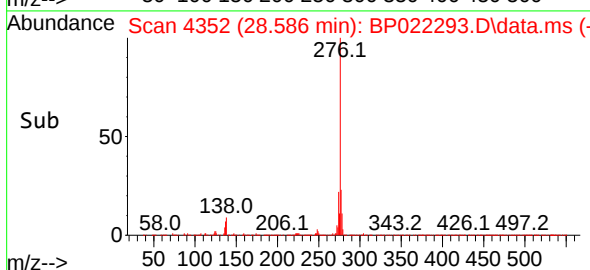
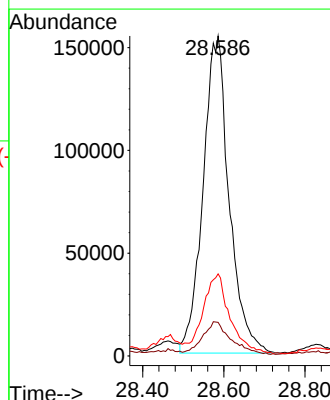
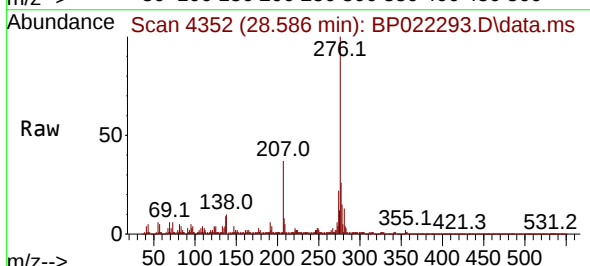
Delta R.T. 0.023 min

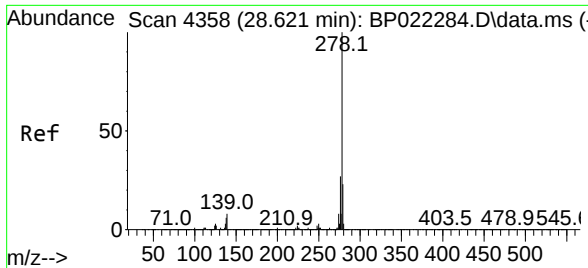
Lab File: BP022293.D

Acq: 09 Oct 2024 17:02

Tgt Ion: 276 Resp: 688992

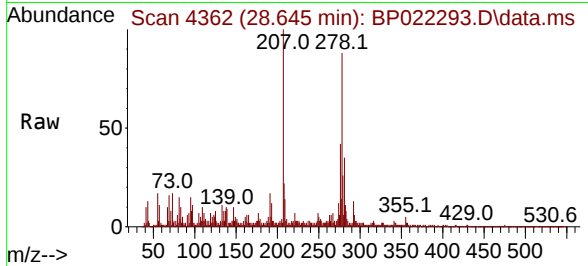
Ion	Ratio	Lower	Upper
276	100		
138	10.5	9.1	13.7
277	25.7	18.6	27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 3.184 ng/ul
 RT: 28.645 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP022293.D
 Acq: 09 Oct 2024 17:02

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ3



Tgt Ion:278 Resp: 26165
 Ion Ratio Lower Upper
 278 100
 139 10.2 7.3 10.9
 279 29.7 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

