

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021286.D
 Acq On : 01 Aug 2024 09:48
 Operator : CG/JU
 Sample : P3264-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 02 01:18:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	238564	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	962242	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.263	164	666358	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1513219m	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1235217	20.000	ng/u1	# 0.00
88) Perylene-d12	24.839	264	1315067	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10228	1.951	ng/uL	0.00
4) Pyridine-d5	3.616	84	15383m	1.014	ng/u1	0.02
7) Phenol-d5	6.846	99	220702	11.347	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	127239	10.795	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	199738	12.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	193515	11.980	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	94763	12.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	113802	13.304	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	209217	13.526	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	161862	7.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	709604	14.649	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	771051	14.176	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	86509m	12.552	ng/u1	0.00
60) Fluorene-d10	15.275	176	641021	16.130	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	97343m	10.632	ng/u1	0.00
73) Anthracene-d10	17.186	188	1025513	15.258	ng/u1	0.00
81) Pyrene-d10	19.580	212	1084009	14.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	703218	10.842	ng/u1	0.01
Target Compounds					Qvalue	
52) Acenaphthene	14.328	153	54922	1.344	ng/u1	97
61) Fluorene	15.339	166	83942	1.838	ng/u1	98
72) Phenanthrene	17.127	178	1786376m	22.756	ng/u1	
74) Anthracene	17.221	178	337720	4.220	ng/u1	97
77) Carbazole	17.527	167	136038	2.079	ng/u1	98
80) Fluoranthene	19.233	202	2945839	31.942	ng/u1	98
82) Pyrene	19.615	202	1830866	19.509	ng/u1	96
85) Benzo(a)anthracene	21.515	228	1016614	11.749	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	81040	1.440	ng/u1#	99
87) Chrysene	21.580	228	1013821	12.609	ng/u1	98
90) Benzo(b)fluoranthene	23.786	252	1094284	13.712	ng/u1	98
91) Benzo(k)fluoranthene	23.856	252	451182m	5.665	ng/u1	
93) Benzo(a)pyrene	24.686	252	420267	5.573	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.603	276	389872m	4.012	ng/u1	
95) Dibenzo(a,h)anthracene	28.644	278	151437m	1.882	ng/u1	

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

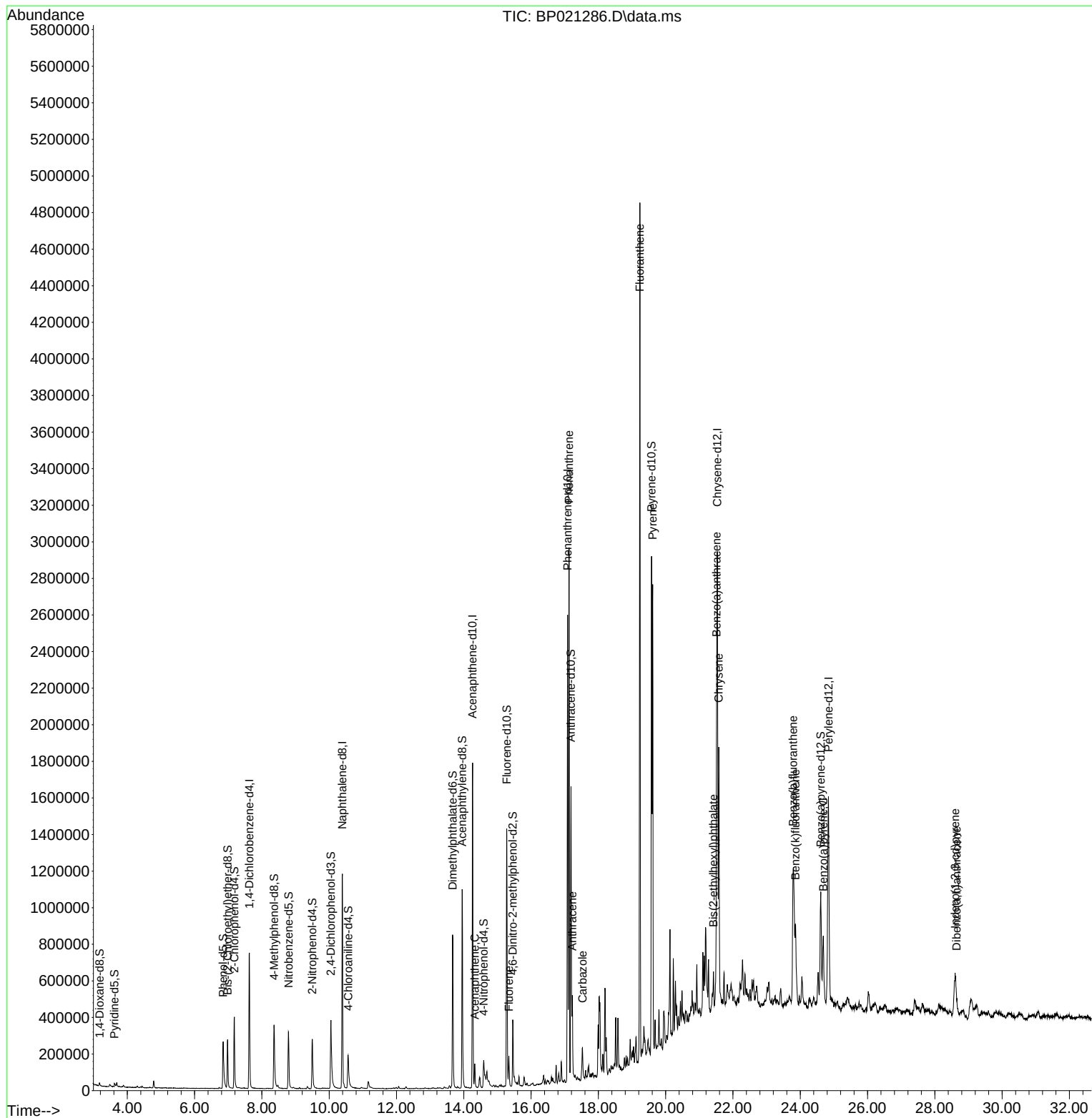
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021286.D
Acq On : 01 Aug 2024 09:48
Operator : CG/JU
Sample : P3264-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

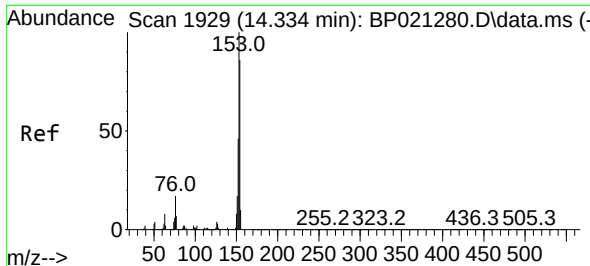
Instrument :
BNA_P
ClientSampleId :
A4CL8

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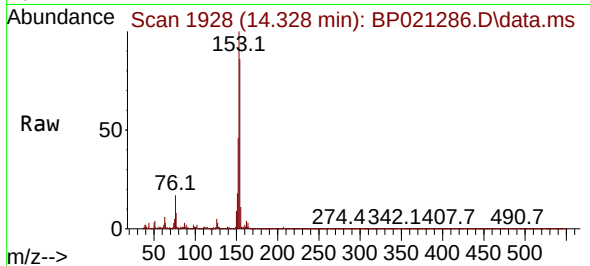
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.344 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48

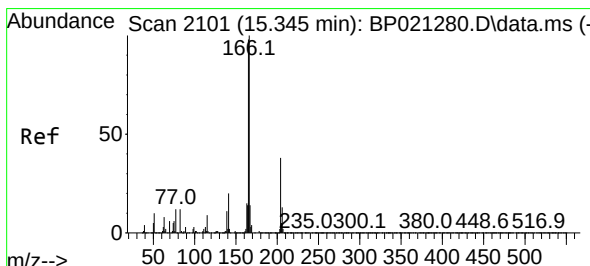
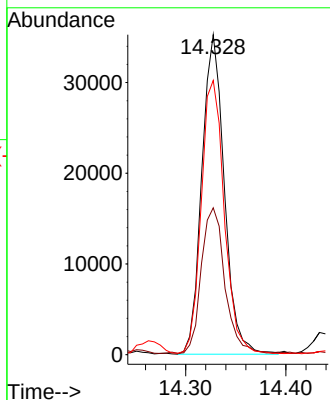
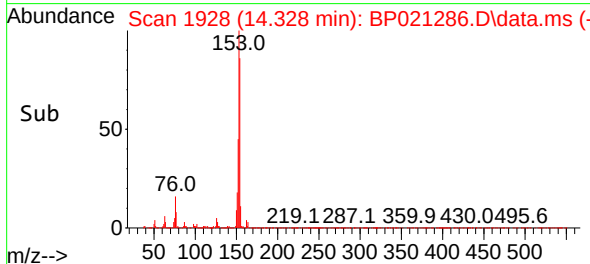
Instrument :
BNA_P
ClientSampleId :
A4CL8



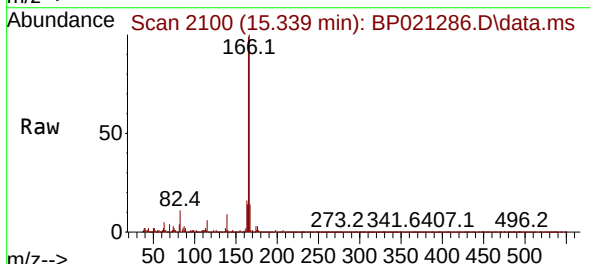
Tgt Ion:153 Resp: 5492
Ion Ratio Lower Upper
153 100
152 45.9 37.8 56.6
154 85.7 71.8 107.6

Manual Integrations
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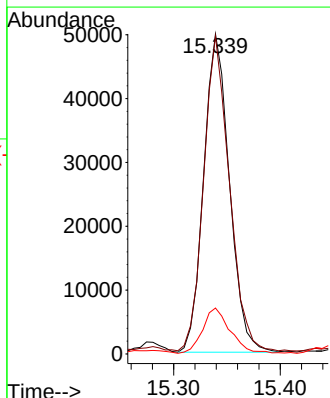
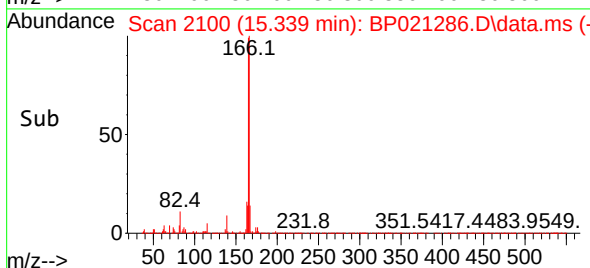
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 09/04/2024

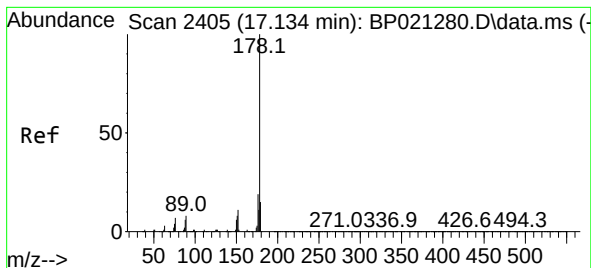


#61
Fluorene
Concen: 1.838 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48



Tgt Ion:166 Resp: 83942
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 14.3 10.9 16.3





#72

Phenanthrene

Concen: 22.756 ng/ul m

RT: 17.127 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

Instrument :

BNA_P

ClientSampleId :

A4CL8

Tgt Ion:178 Resp: 1786370

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

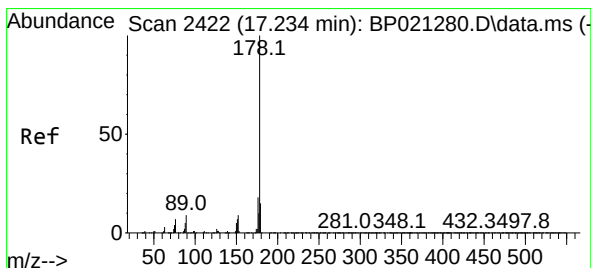
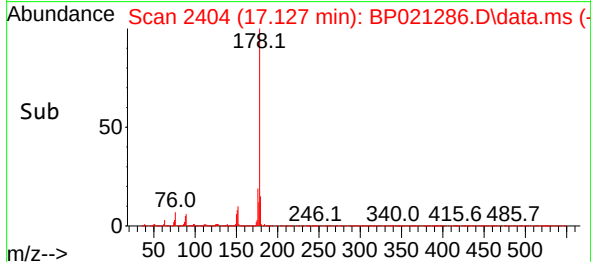
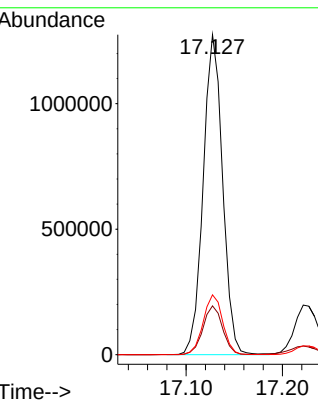
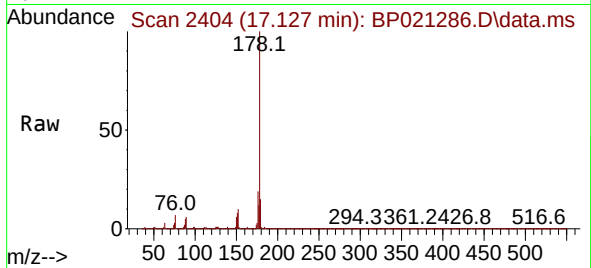
176 18.7 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/02/2024

Supervised By :mohammad ahmed 09/04/2024



#74

Anthracene

Concen: 4.220 ng/ul

RT: 17.221 min Scan# 2420

Delta R.T. -0.012 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

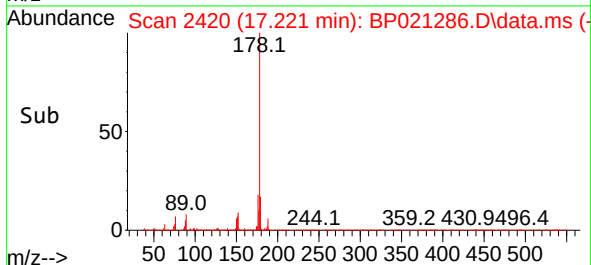
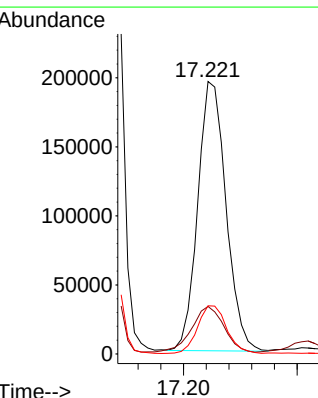
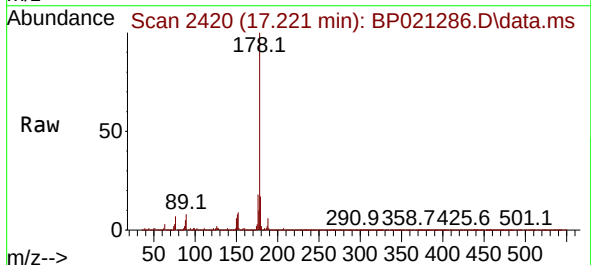
Tgt Ion:178 Resp: 337720

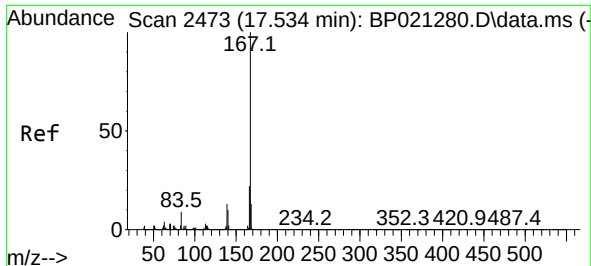
Ion Ratio Lower Upper

178 100

179 17.4 12.5 18.7

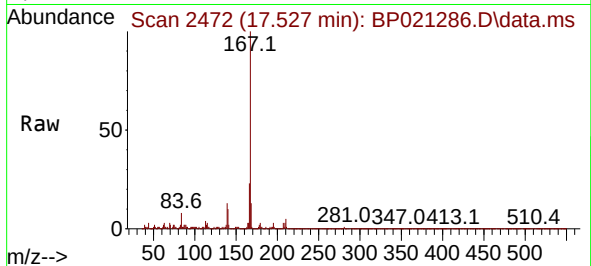
176 17.7 14.8 22.2





#77
 Carbazole
 Concen: 2.079 ng/u1
 RT: 17.527 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BP021286.D
 Acq: 01 Aug 2024 09:48

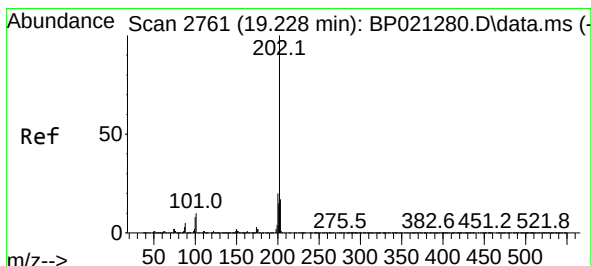
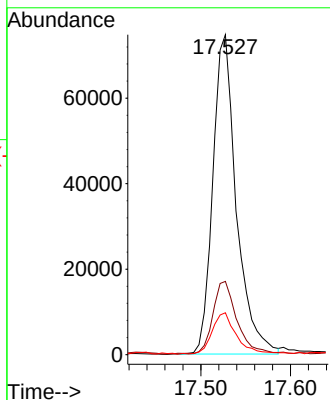
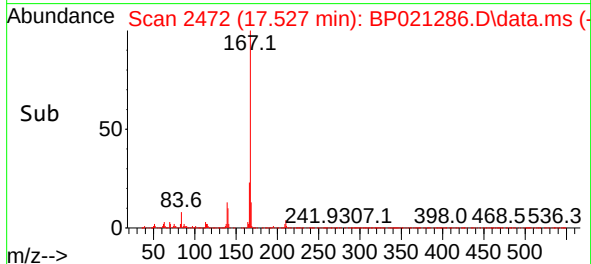
Instrument :
 BNA_P
 ClientSampleId :
 A4CL8



Tgt Ion:167 Resp: 136038
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.3 25.9
 139 13.1 10.2 15.2

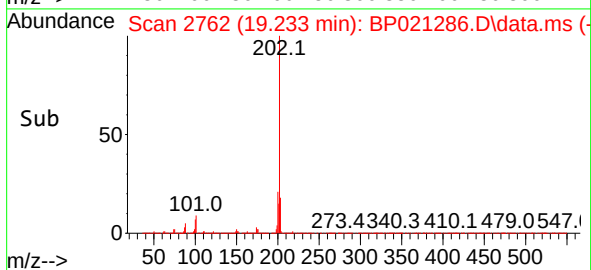
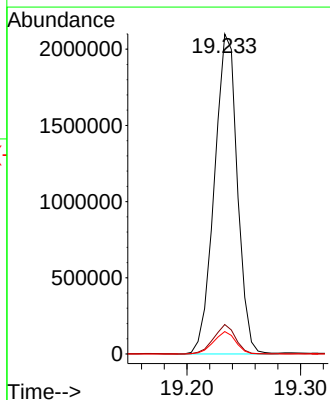
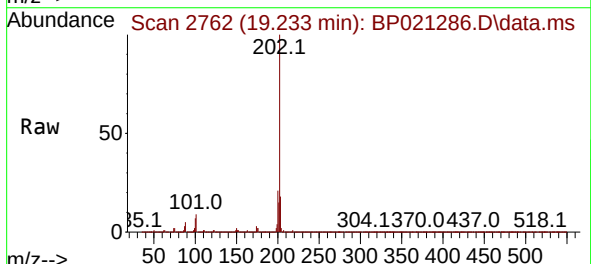
Manual Integrations
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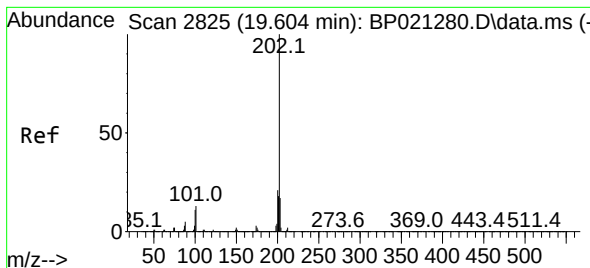
Reviewed By :Yogesh Patel 08/02/2024
 Supervised By :mohammad ahmed 09/04/2024



#80
 Fluoranthene
 Concen: 31.942 ng/u1
 RT: 19.233 min Scan# 2762
 Delta R.T. 0.000 min
 Lab File: BP021286.D
 Acq: 01 Aug 2024 09:48

Tgt Ion:202 Resp: 2945839
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.0 12.0
 100 7.0 6.1 9.1





#82

Pyrene

Concen: 19.509 ng/u1

RT: 19.615 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

Instrument :

BNA_P

ClientSampleId :

A4CL8

Tgt Ion:202 Resp: 183086

Ion Ratio Lower Upper

202 100

101 10.3 9.4 14.2

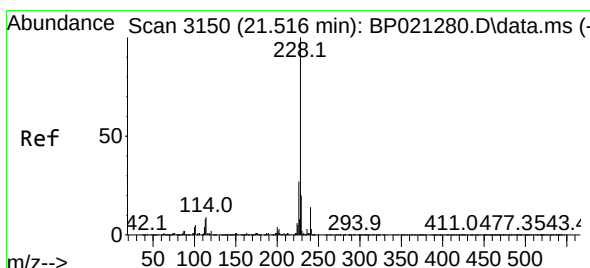
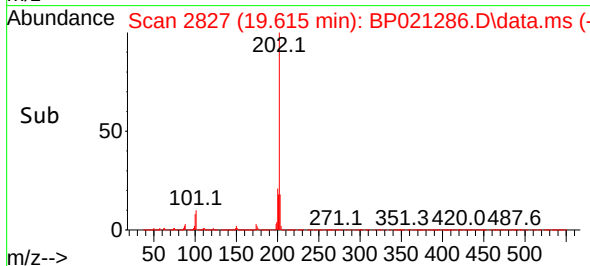
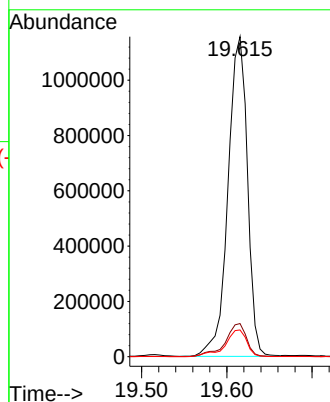
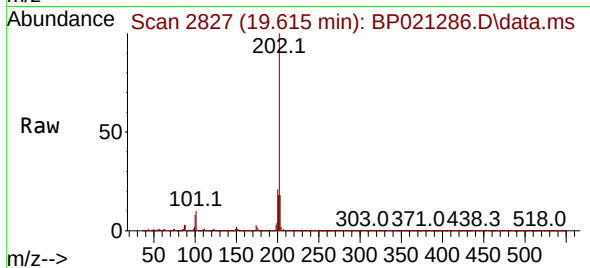
100 8.4 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/02/2024

Supervised By :mohammad ahmed 09/04/2024



#85

Benzo(a)anthracene

Concen: 11.749 ng/u1

RT: 21.515 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

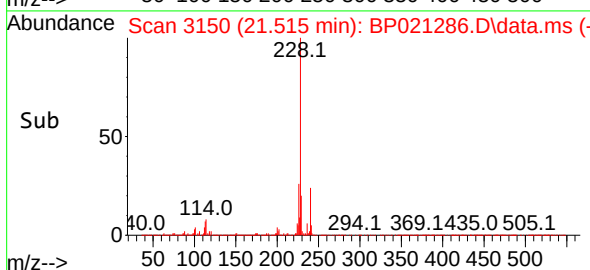
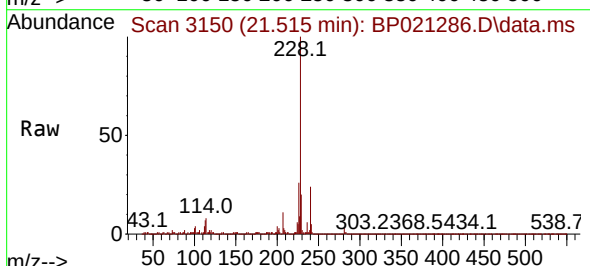
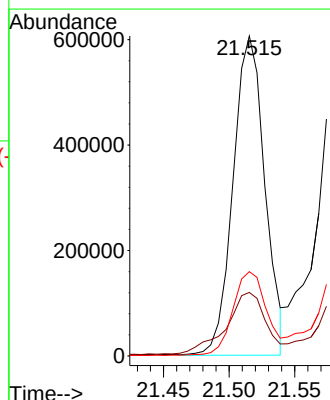
Tgt Ion:228 Resp: 1016614

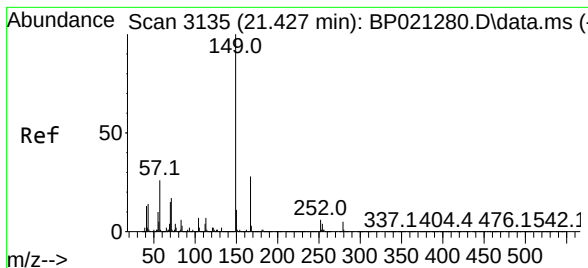
Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

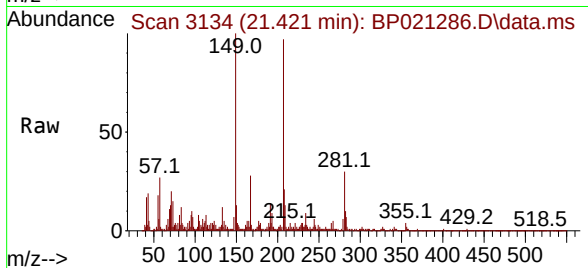
226 26.3 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.440 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48

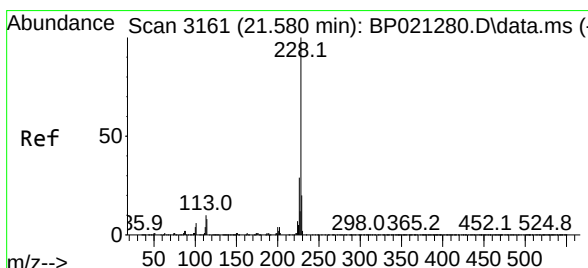
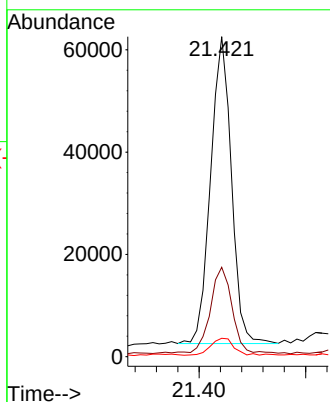
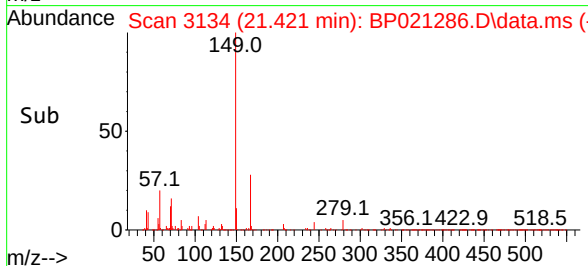
Instrument :
BNA_P
ClientSampleId :
A4CL8



Tgt Ion:149 Resp: 81040
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 5.7 3.7 5.5

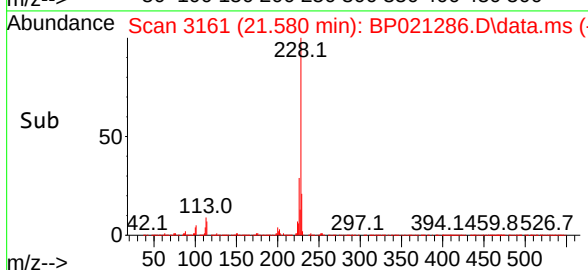
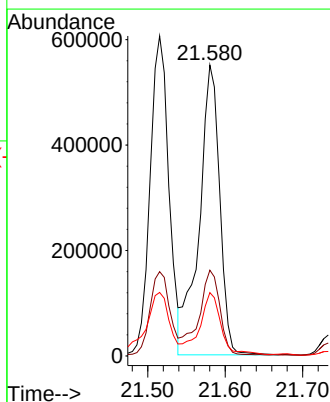
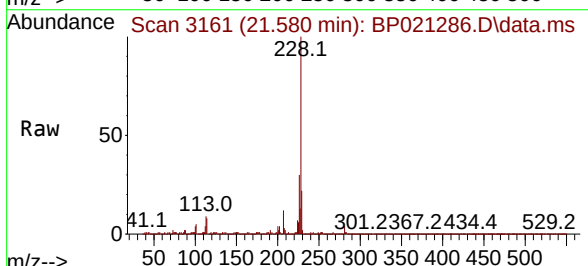
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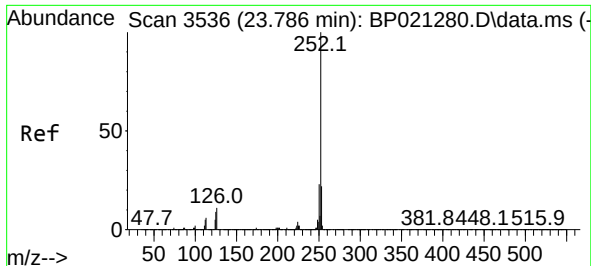
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 09/04/2024



#87
Chrysene
Concen: 12.609 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48

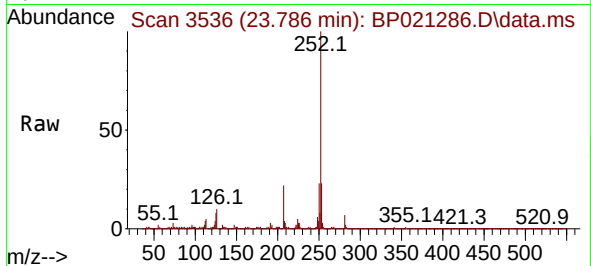
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Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 13.712 ng/ul
RT: 23.786 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48

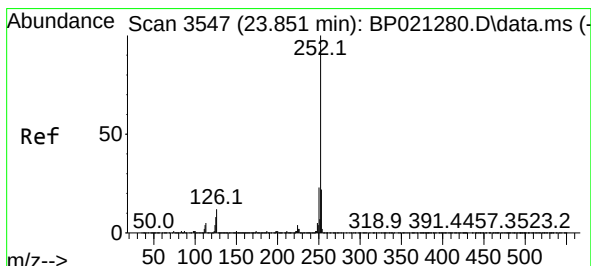
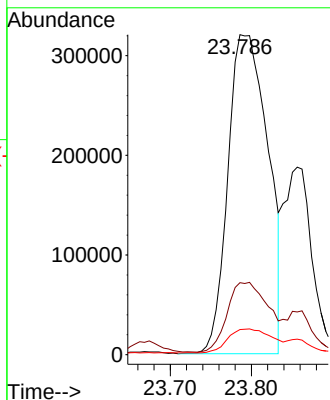
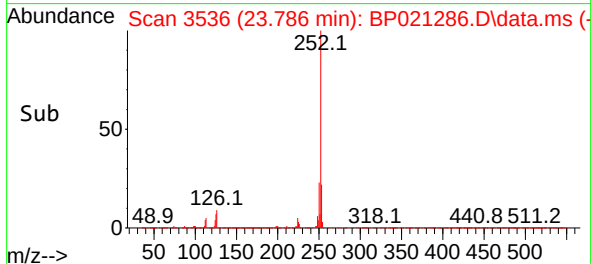
Instrument :
BNA_P
ClientSampleId :
A4CL8



Tgt Ion:252 Resp: 1094284
Ion Ratio Lower Upper
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253 22.5 17.1 25.7
125 7.9 7.0 10.4

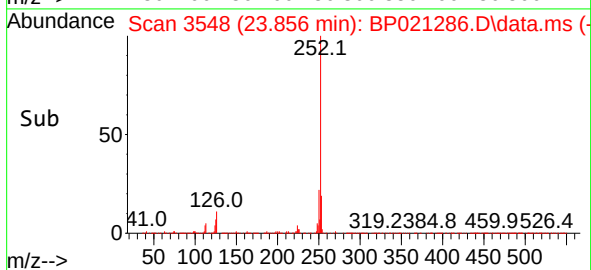
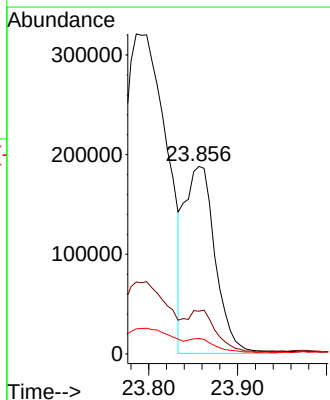
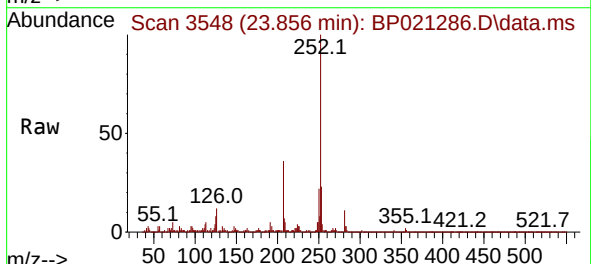
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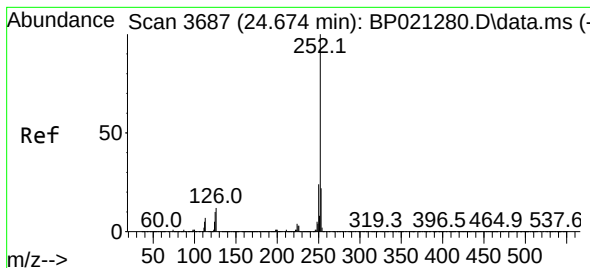
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 09/04/2024



#91
Benzo(k)fluoranthene
Concen: 5.665 ng/ul m
RT: 23.856 min Scan# 3548
Delta R.T. 0.006 min
Lab File: BP021286.D
Acq: 01 Aug 2024 09:48

Tgt Ion:252 Resp: 451182
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 8.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 5.573 ng/ul

RT: 24.686 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

Instrument :

BNA_P

ClientSampleId :

A4CL8

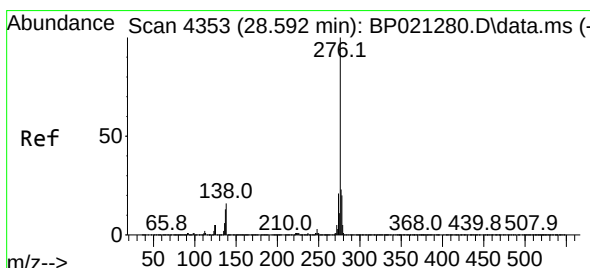
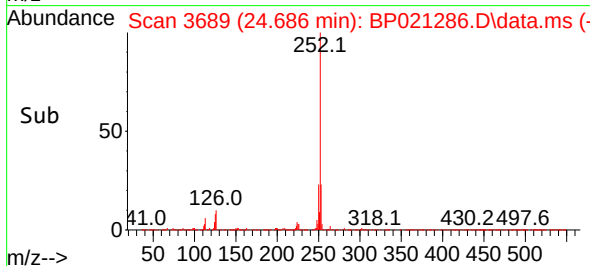
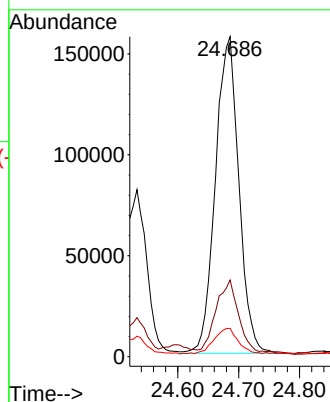
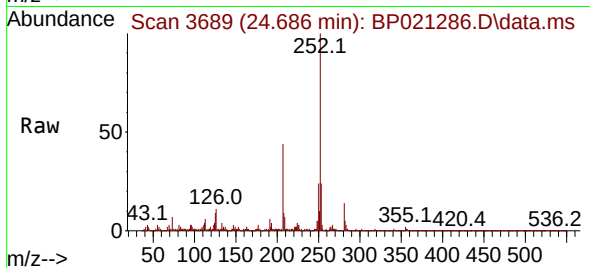
Tgt Ion:	252	Resp:	42026
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	8.9	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2024

Supervised By :mohammad ahmed 09/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.012 ng/ul m

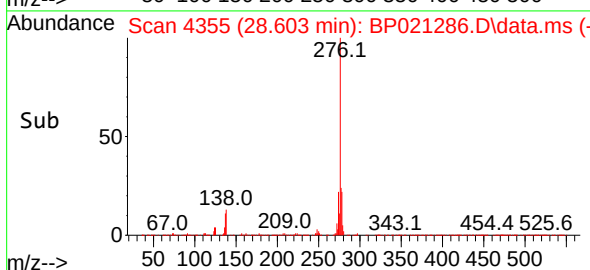
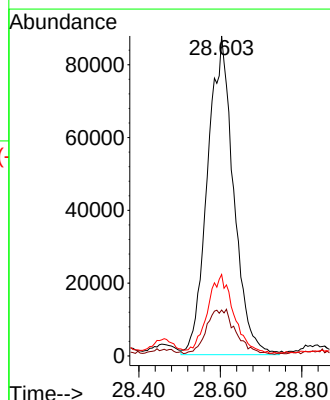
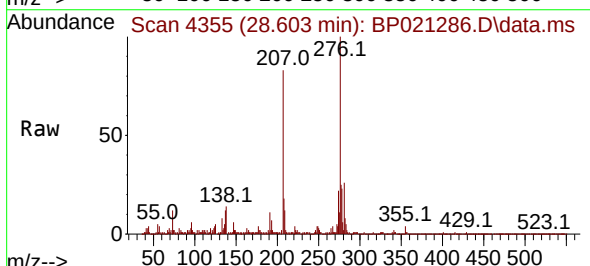
RT: 28.603 min Scan# 4355

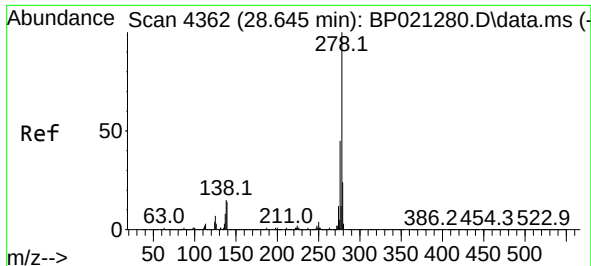
Delta R.T. 0.006 min

Lab File: BP021286.D

Acq: 01 Aug 2024 09:48

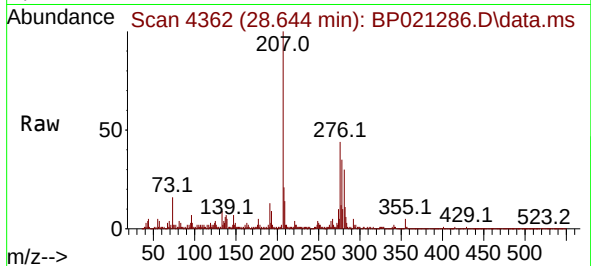
Tgt Ion:	276	Resp:	389872
Ion Ratio	Lower	Upper	
276	100		
138	14.4	14.3	21.5
277	25.5	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.882 ng/ul m
 RT: 28.644 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP021286.D
 Acq: 01 Aug 2024 09:48

Instrument :
 BNA_P
 ClientSampleId :
 A4CL8



Tgt Ion: 278 Resp: 15143
 Ion Ratio Lower Upper
 278 100
 139 13.5 10.9 16.3
 279 28.2 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 08/02/2024
 Supervised By : mohammad ahmed 09/04/2024

