

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021117.D
 Acq On : 24 Jul 2024 04:00
 Operator : MA/JU
 Sample : P3238-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 06:16:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	172836	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	714751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	485659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1066807	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1012359	20.000	ng/u1	-0.02
88) Perylene-d12	24.874	264	1193453	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	11493m	3.026	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	217297	15.421	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	134018	15.694	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	185856	16.009	ng/u1	0.01
15) 4-Methylphenol-d8	8.399	113	174548	14.915	ng/u1	0.01
21) Nitrobenzene-d5	8.822	128	92298	16.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	101455	15.967	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	181517	15.798	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	117082	7.692	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	596313	16.890	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	694022	17.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	54928m	10.935	ng/u1	0.02
60) Fluorene-d10	15.322	176	541232	18.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.493	200	32297	5.004	ng/u1	0.01
73) Anthracene-d10	17.228	188	846466	17.865	ng/u1	0.00
81) Pyrene-d10	19.610	212	949831	15.176	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	796690	13.535	ng/u1	-0.03
Target Compounds					Qvalue	
52) Acenaphthene	14.375	153	45833	1.539	ng/u1	99
61) Fluorene	15.381	166	54079	1.624	ng/u1	93
72) Phenanthrene	17.175	178	1057193	19.103	ng/u1	99
74) Anthracene	17.269	178	216648	3.840	ng/u1	99
77) Carbazole	17.557	167	113346	2.458	ng/u1	100
80) Fluoranthene	19.263	202	2127493	28.147	ng/u1	100
82) Pyrene	19.639	202	1560264	20.286	ng/u1	99
85) Benzo(a)anthracene	21.539	228	908154	12.806	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	224372	4.865	ng/u1#	99
87) Chrysene	21.604	228	1032863	15.674	ng/u1	97
90) Benzo(b)fluoranthene	23.827	252	1301815	17.975	ng/u1	96
91) Benzo(k)fluoranthene	23.886	252	557761m	7.717	ng/u1	
93) Benzo(a)pyrene	24.716	252	564435	8.247	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.662	276	555706	6.301	ng/u1	98
95) Dibenzo(a,h)anthracene	28.698	278	185763m	2.544	ng/u1	
96) Benzo(g,h,i)perylene	29.839	276	98861m	1.376	ng/u1	

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

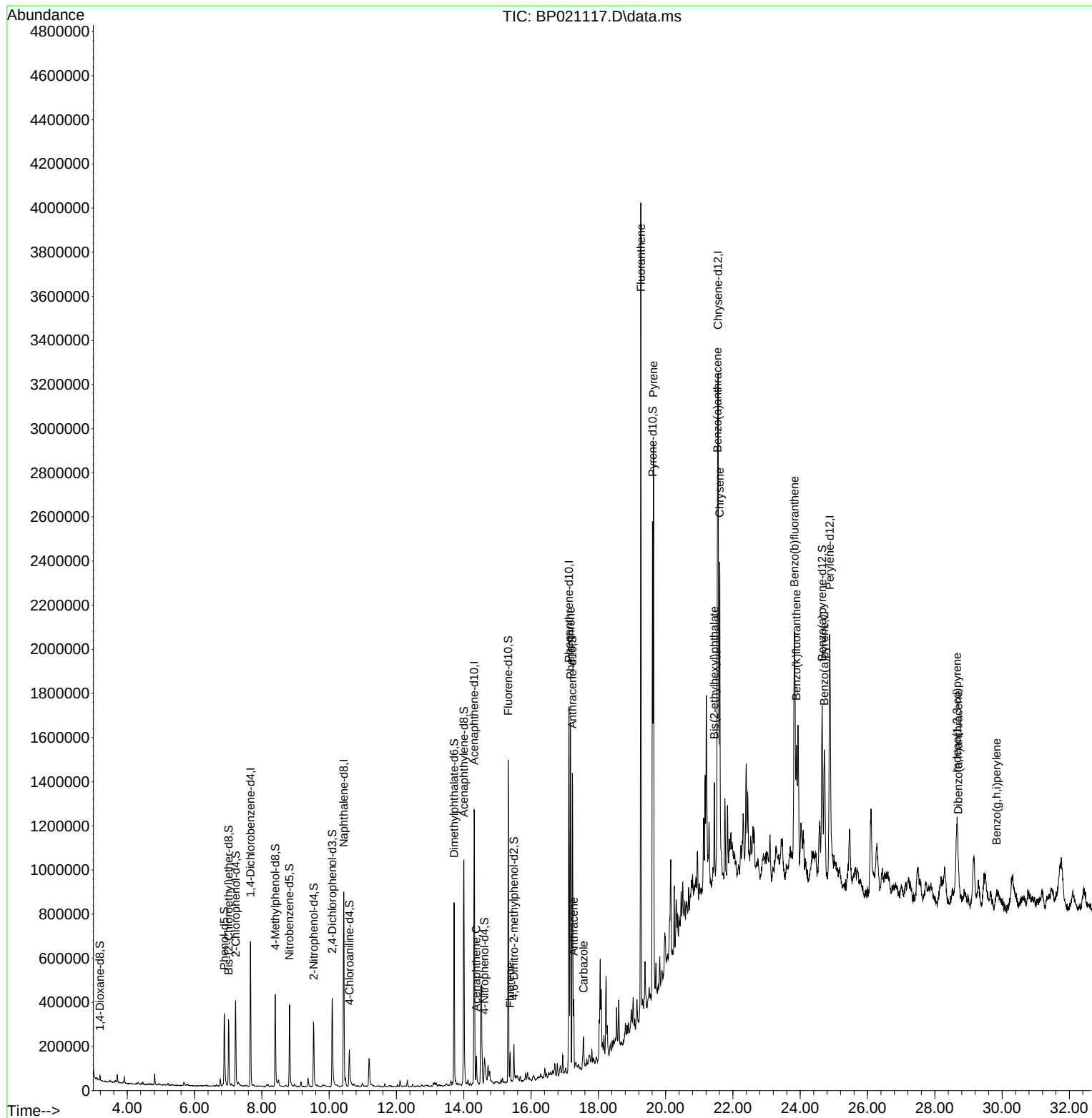
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021117.D
 Acq On : 24 Jul 2024 04:00
 Operator : MA/JU
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 ALS Vial : 24 Sample Multiplier: 1

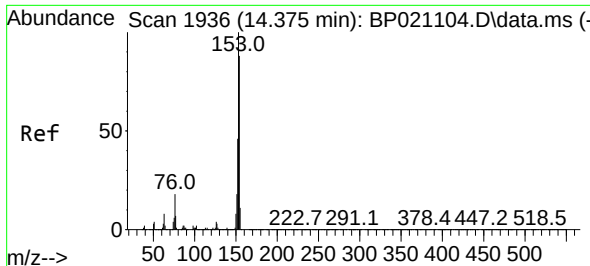
Instrument :
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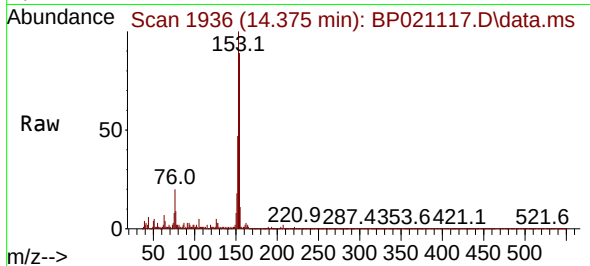
Quant Time: Jul 24 06:16:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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#52
Acenaphthene
Concen: 1.539 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00

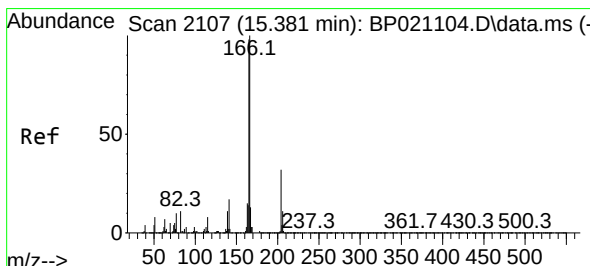
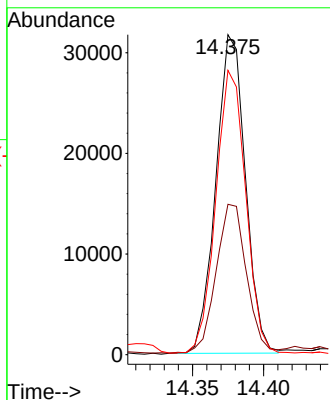
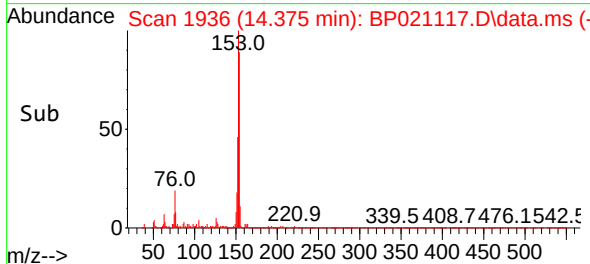
Instrument :
BNA_P
ClientSampleId :
A4BZ6



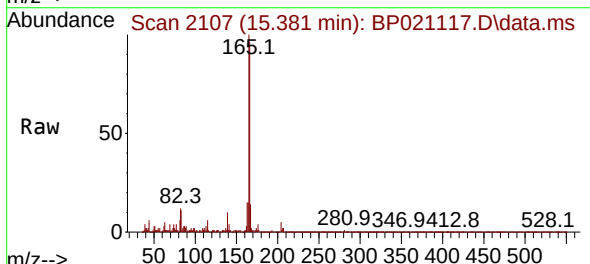
Tgt Ion:153 Resp: 4583
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 88.8 71.8 107.6

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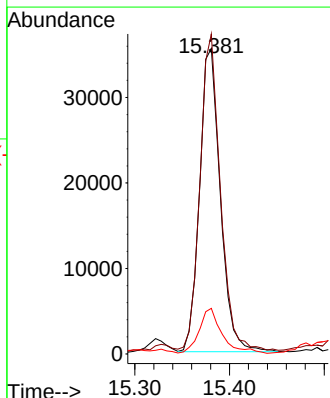
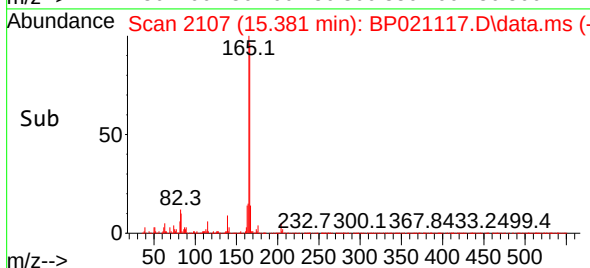
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

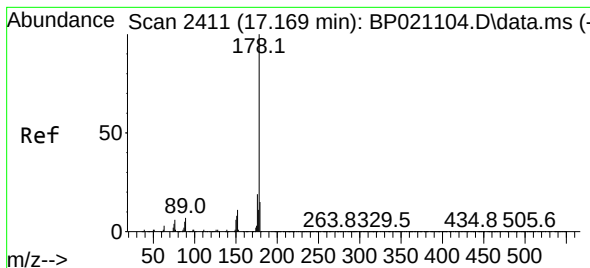


#61
Fluorene
Concen: 1.624 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00



Tgt Ion:166 Resp: 54079
Ion Ratio Lower Upper
166 100
165 104.7 78.1 117.1
167 14.9 10.9 16.3





#72

Phenanthrene

Concen: 19.103 ng/ul

RT: 17.175 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Instrument :

BNP_P

ClientSampleId :

A4BZ6

Tgt Ion:178 Resp: 105719

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

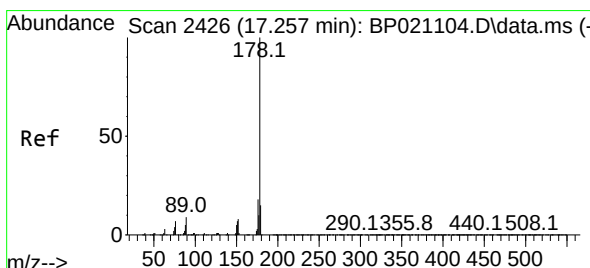
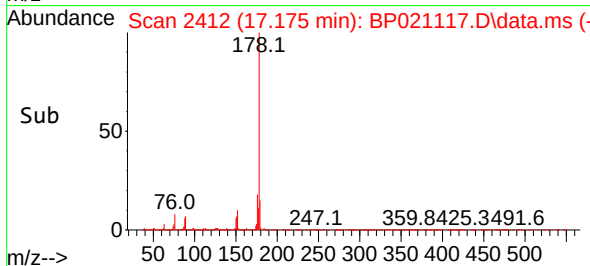
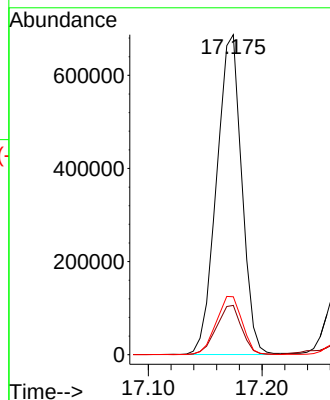
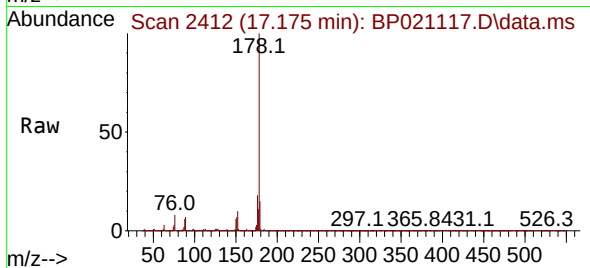
176 18.1 15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 3.840 ng/ul

RT: 17.269 min Scan# 2428

Delta R.T. 0.012 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

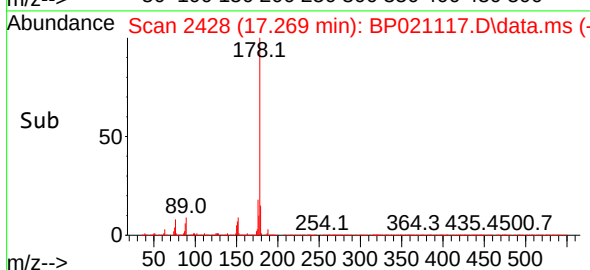
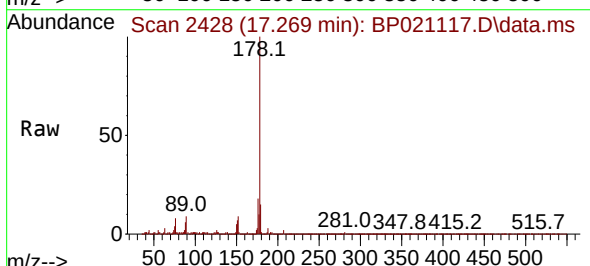
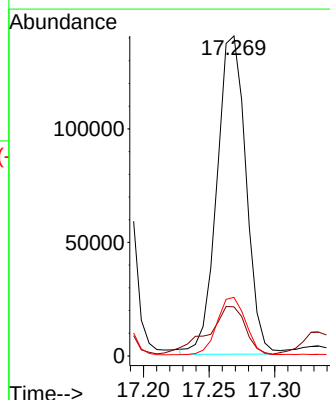
Tgt Ion:178 Resp: 216648

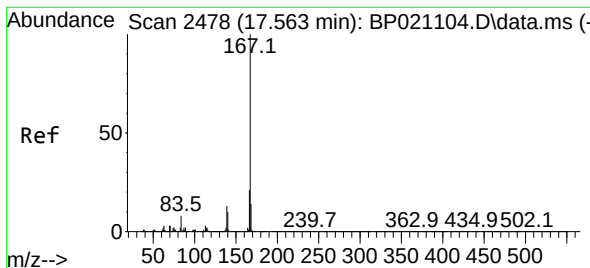
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.3 14.8 22.2





#77

Carbazole

Concen: 2.458 ng/ul

RT: 17.557 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Instrument :

BNA_P

ClientSampleId :

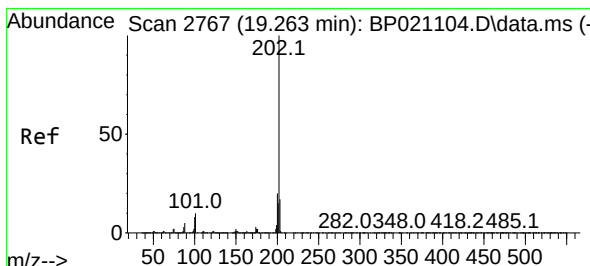
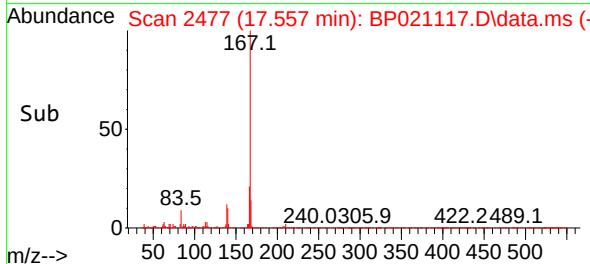
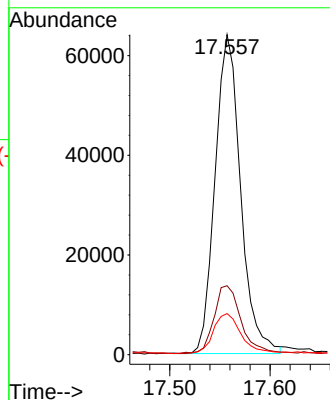
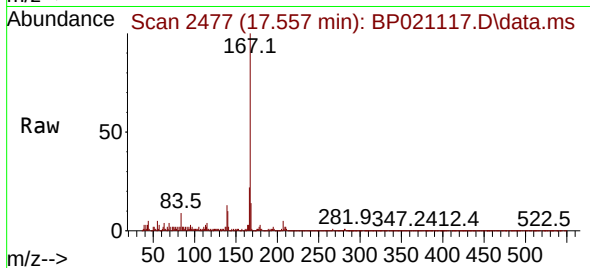
A4BZ6

Tgt Ion:167	Resp: 113340
Ion Ratio	Lower Upper
167	100
166	21.6 17.3 25.9
139	12.9 10.2 15.2

Manual Integrations

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#80

Fluoranthene

Concen: 28.147 ng/ul

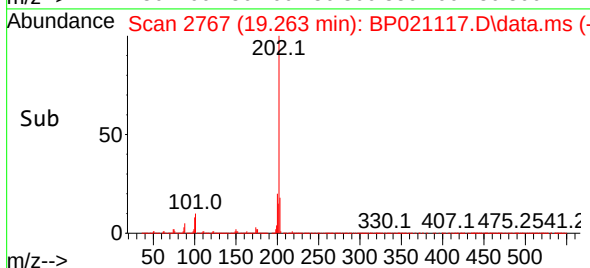
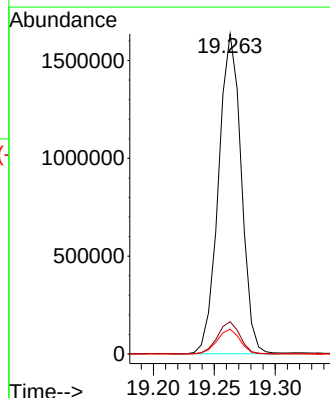
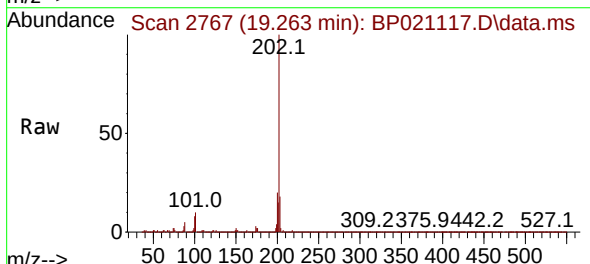
RT: 19.263 min Scan# 2767

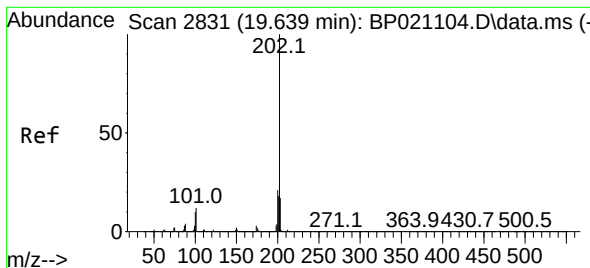
Delta R.T. 0.000 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Tgt Ion:202	Resp: 2127493
Ion Ratio	Lower Upper
202	100
101	10.1 8.0 12.0
100	7.8 6.1 9.1





#82

Pyrene

Concen: 20.286 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Instrument :

BNA_P

ClientSampleId :

A4BZ6

Tgt Ion:202 Resp: 1560264

Ion Ratio Lower Upper

202 100

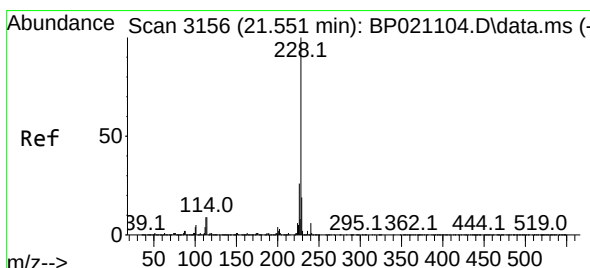
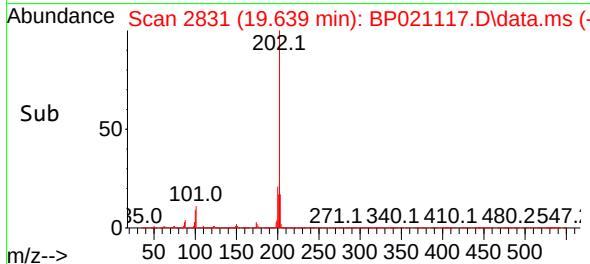
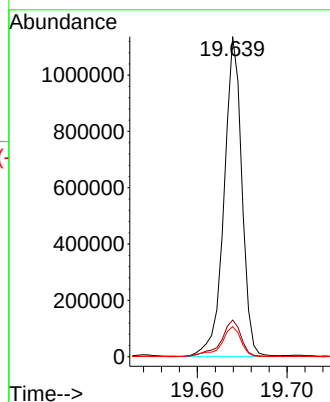
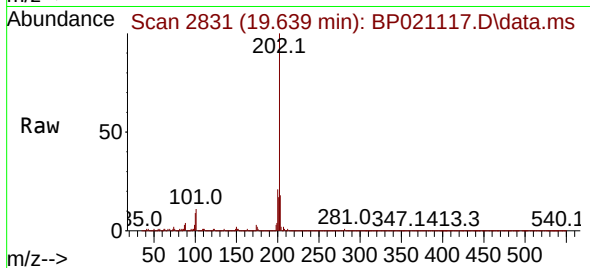
101 11.5 9.4 14.2

100 9.4 7.8 11.6

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 12.806 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.012 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

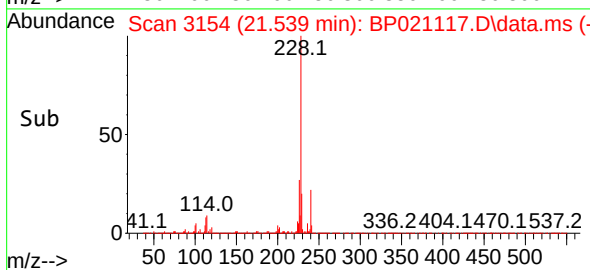
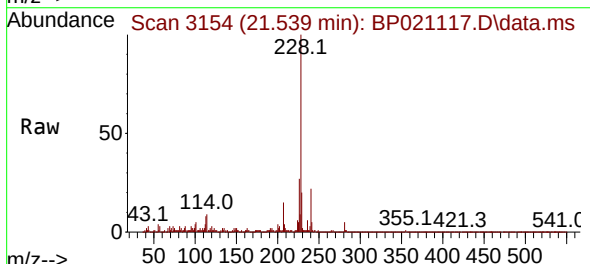
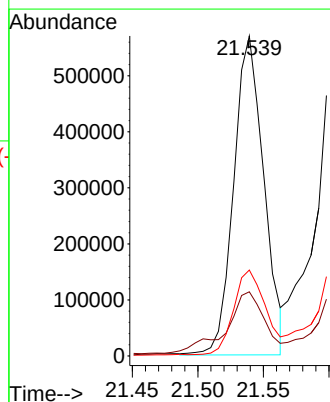
Tgt Ion:228 Resp: 908154

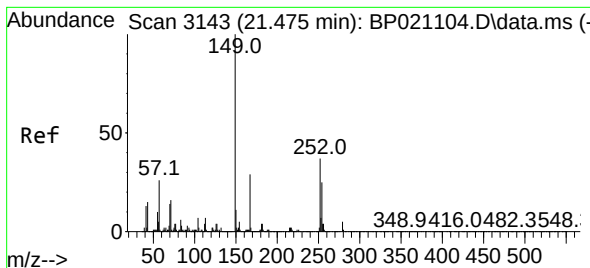
Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

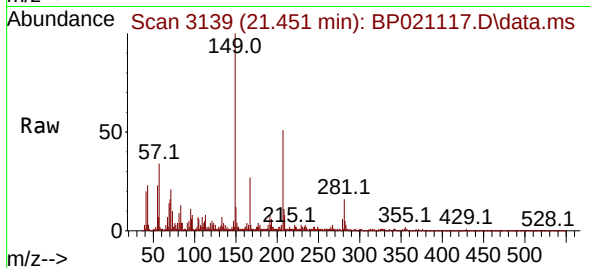
226 26.8 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.865 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.023 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00

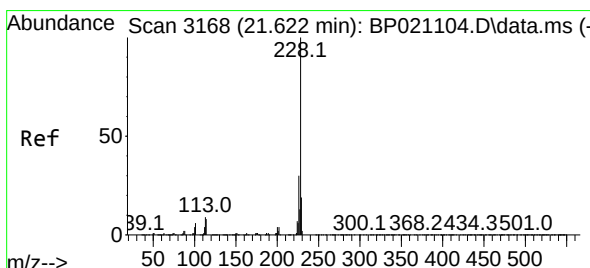
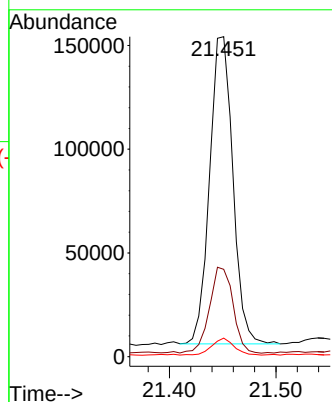
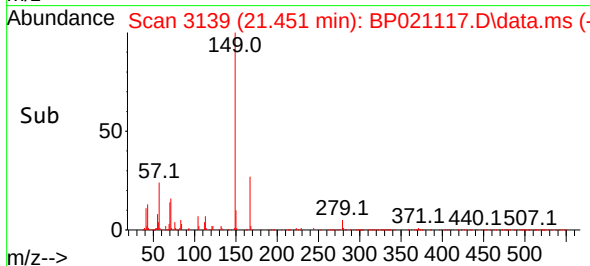
Instrument :
BNA_P
ClientSampleId :
A4BZ6



Tgt Ion:149 Resp: 224372
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 5.8 3.7 5.5

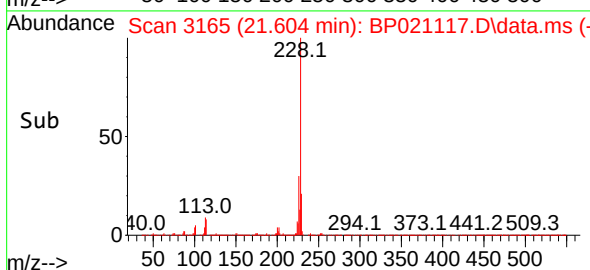
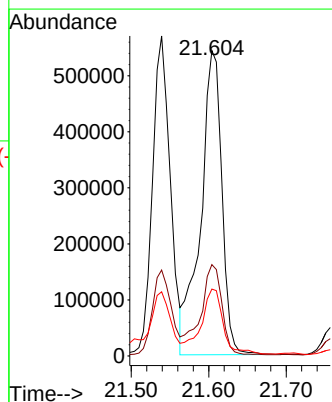
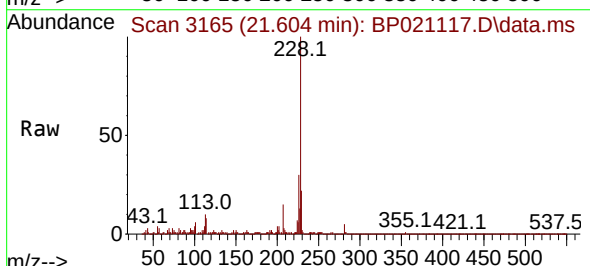
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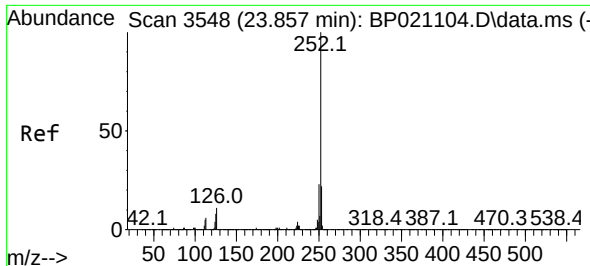
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 15.674 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00

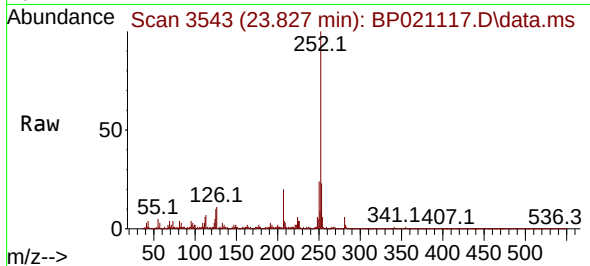
Tgt Ion:228 Resp: 1032863
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 17.975 ng/ul
RT: 23.827 min Scan# 3543
Delta R.T. -0.029 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00

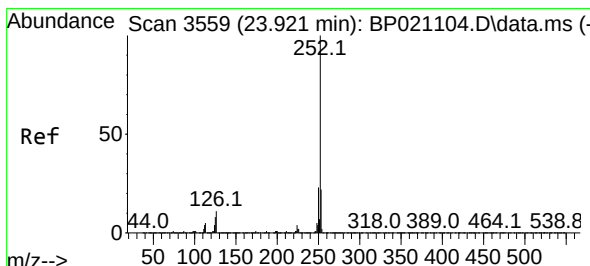
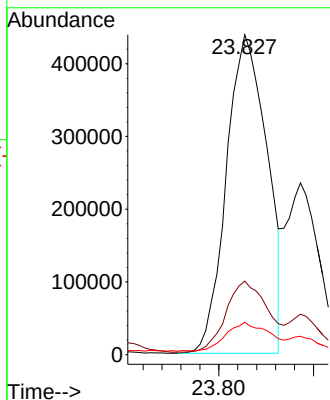
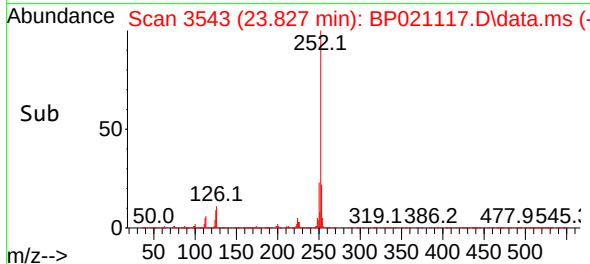
Instrument :
BNA_P
ClientSampleId :
A4BZ6



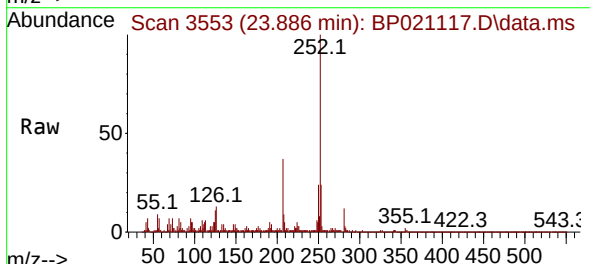
Tgt Ion:252 Resp: 130181
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 10.1 7.0 10.4

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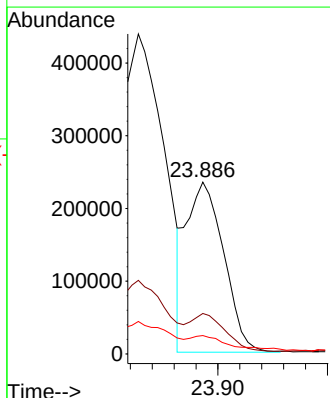
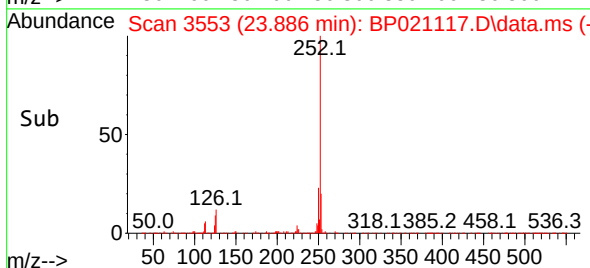
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

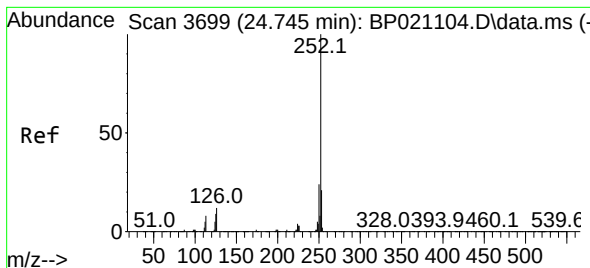


#91
Benzo(k)fluoranthene
Concen: 7.717 ng/ul m
RT: 23.886 min Scan# 3553
Delta R.T. -0.035 min
Lab File: BP021117.D
Acq: 24 Jul 2024 04:00



Tgt Ion:252 Resp: 557761
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 8.247 ng/ul

RT: 24.716 min Scan# 3694

Delta R.T. -0.029 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Instrument :

BNA_P

ClientSampleId :

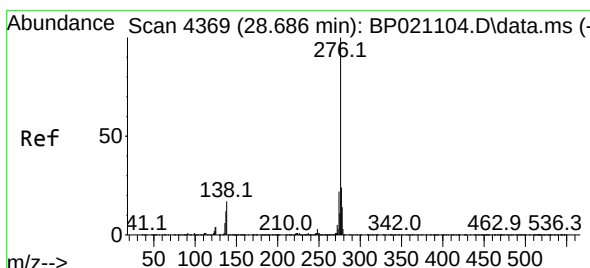
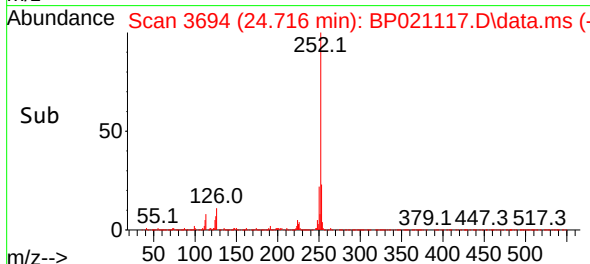
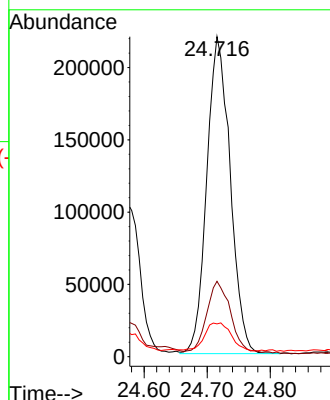
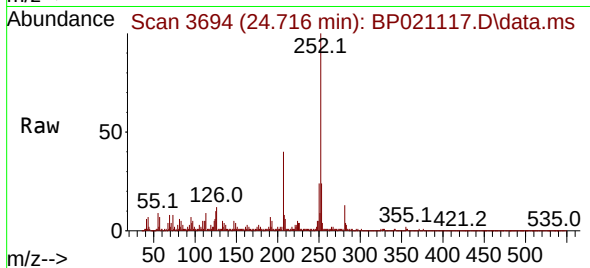
A4BZ6

Tgt Ion:	252	Resp:	56443
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	10.3	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.301 ng/ul

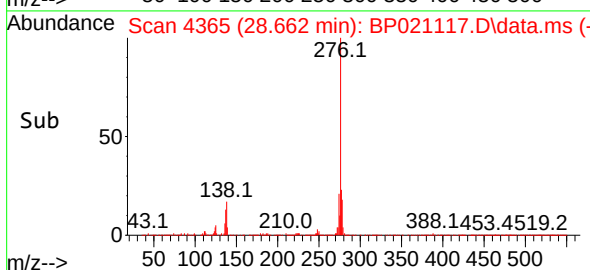
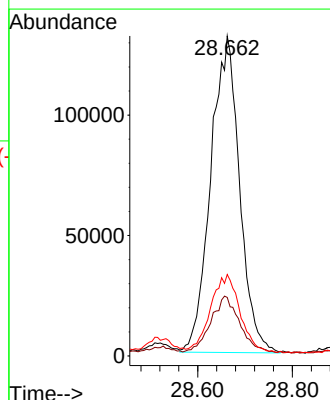
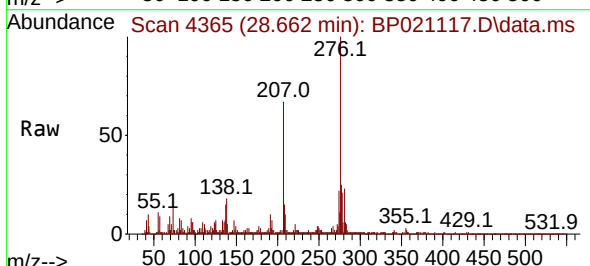
RT: 28.662 min Scan# 4365

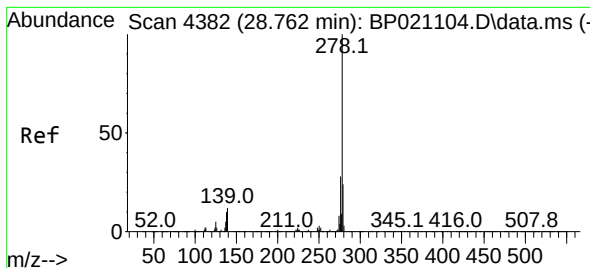
Delta R.T. -0.023 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Tgt Ion:	276	Resp:	555706
Ion Ratio	Lower	Upper	
276	100		
138	18.3	14.3	21.5
277	25.5	19.2	28.8





#95

Dibenzo(a,h)anthracene

Concen: 2.544 ng/ul m

RT: 28.698 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Instrument :

BNA_P

ClientSampleId :

A4BZ6

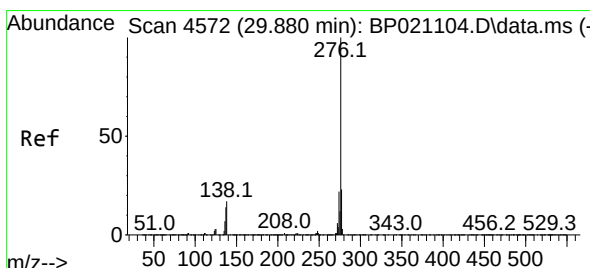
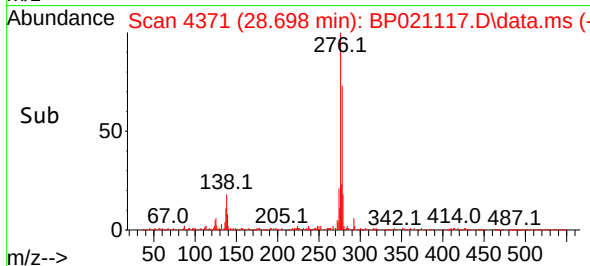
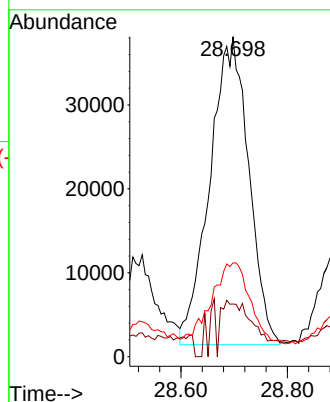
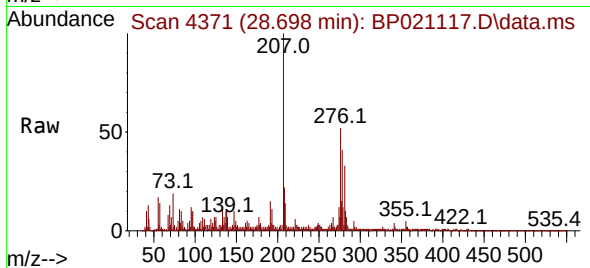
Tgt Ion:278 Resp: 18576

Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.9	16.3
279	29.3	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.376 ng/ul m

RT: 29.839 min Scan# 4565

Delta R.T. -0.041 min

Lab File: BP021117.D

Acq: 24 Jul 2024 04:00

Tgt Ion:276 Resp: 98861

Ion	Ratio	Lower	Upper
276	100		
138	21.6	15.3	22.9
277	25.2	18.2	27.2

