

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023543.D
 Acq On : 20 Dec 2024 02:05
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:34:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	315243	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.258	136	1239718	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	890962	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.945	188	1951088	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.375	240	1879819	20.000	ng/u1	#-0.01
88) Perylene-d12	24.533	264	2019364	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	29377	3.431	ng/uL	-0.01
4) Pyridine-d5	3.505	84	479563	21.780	ng/u1	-0.01
7) Phenol-d5	6.740	99	674292	27.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	411112	26.344	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.069	132	472702	25.893	ng/u1	-0.02
15) 4-Methylphenol-d8	8.240	113	519390	26.017	ng/u1	-0.02
21) Nitrobenzene-d5	8.664	128	242688	26.215	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	291215	27.295	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	573521	25.469	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.416	131	577470	22.892	ng/u1	-0.02
46) Dimethylphthalate-d6	13.540	166	1885867	27.266	ng/u1	-0.02
49) Acenaphthylene-d8	13.816	160	1903577	26.093	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.434	143	257382m	30.367	ng/u1	0.02
60) Fluorene-d10	15.151	176	1401546	23.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	130713	11.085	ng/u1	0.00
73) Anthracene-d10	17.040	188	2268445	25.475	ng/u1	-0.01
81) Pyrene-d10	19.428	212	2253324	22.943	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.316	264	1864497	17.248	ng/u1	-0.03
Target Compounds					Qvalue	
8) Phenol	6.764	94	60483	2.349	ng/u1	93
47) Dimethylphthalate	13.587	163	77452	1.137	ng/u1	97
50) Acenaphthylene	13.852	152	250341	3.370	ng/u1	99
72) Phenanthrene	16.981	178	324338	3.215	ng/u1	99
74) Anthracene	17.075	178	198887	1.972	ng/u1	98
80) Fluoranthene	19.081	202	1803128	16.022	ng/u1#	93
82) Pyrene	19.463	202	1676819	14.041	ng/u1#	92
85) Benzo(a)anthracene	21.351	228	1016560	8.064	ng/u1	95
87) Chrysene	21.416	228	920448	7.620	ng/u1	97
90) Benzo(b)fluoranthene	23.551	252	1251443m	9.864	ng/u1	
91) Benzo(k)fluoranthene	23.598	252	374209m	2.964	ng/u1	
93) Benzo(a)pyrene	24.386	252	873179	7.590	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.110	276	575486m	3.893	ng/u1	
95) Dibenzo(a,h)anthracene	28.139	278	158130m	1.337	ng/u1	
96) Benzo(g,h,i)perylene	29.233	276	532840m	4.708	ng/u1	

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

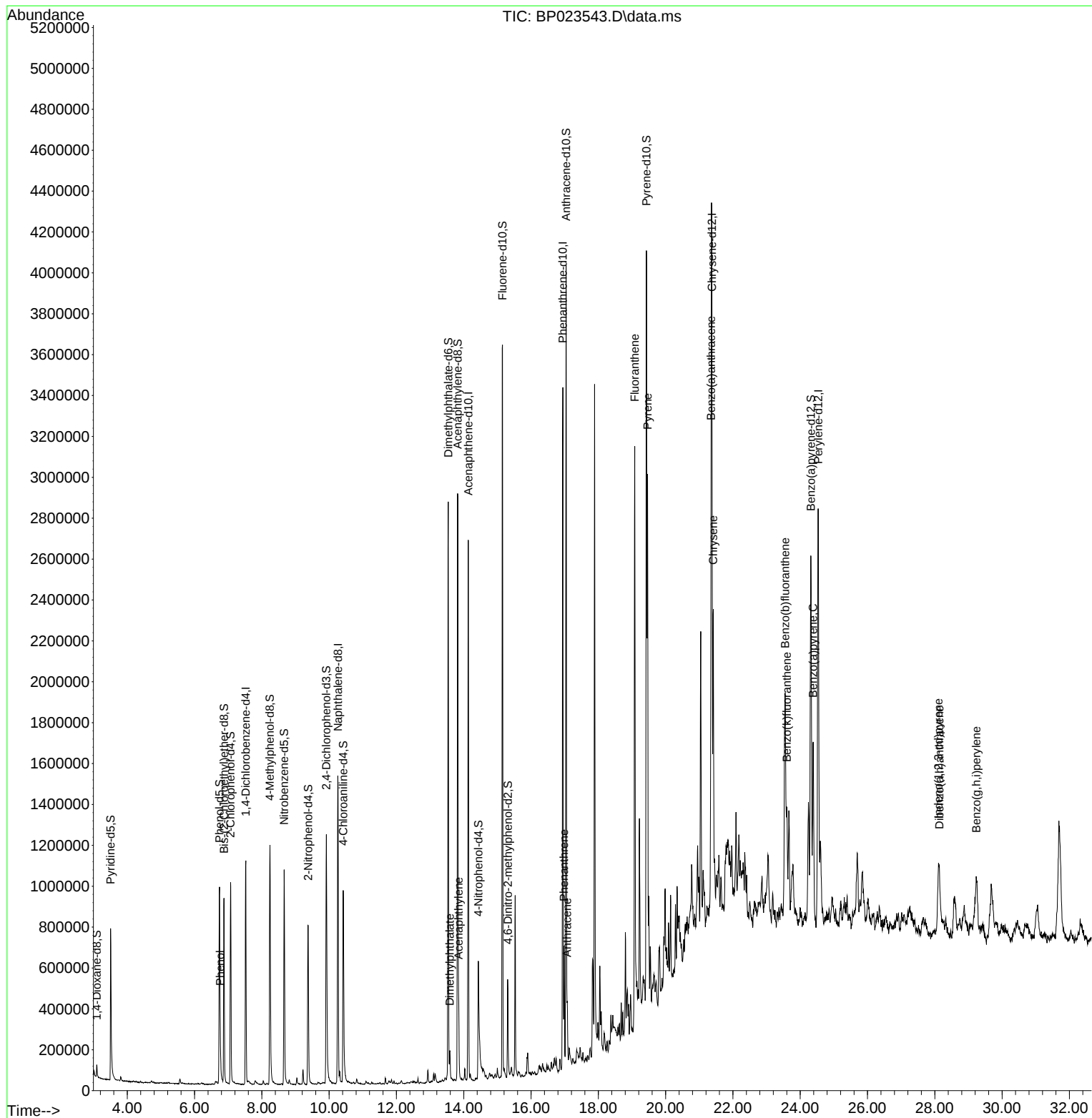
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

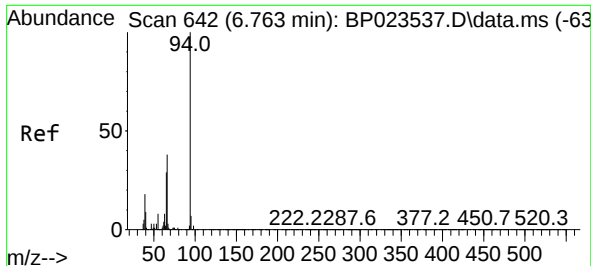
Instrument :
BNA_P
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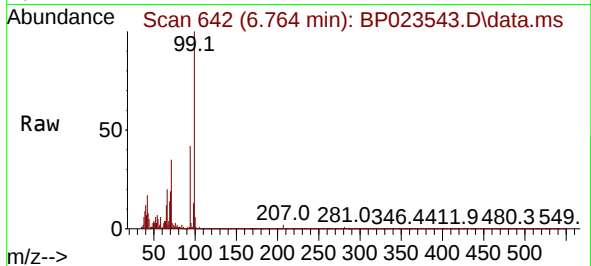
Quant Time: Dec 20 03:34:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.349 ng/ul
RT: 6.764 min Scan# 642
Delta R.T. -0.012 min
Lab File: BP023543.D
Acq: 20 Dec 2024 02:05

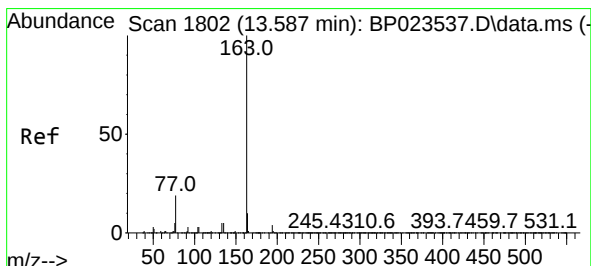
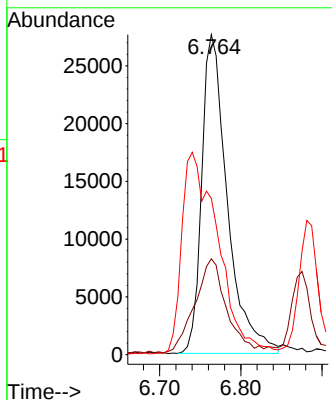
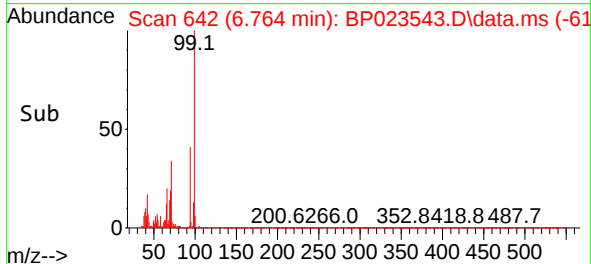
Instrument :
BNA_P
ClientSampleId :
E28Y8



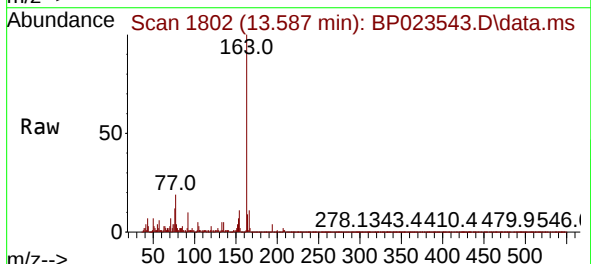
Tgt Ion: 94 Resp: 6048
Ion Ratio Lower Upper
94 100
65 30.0 28.0 42.0
66 48.8 42.0 63.0

Manual Integrations
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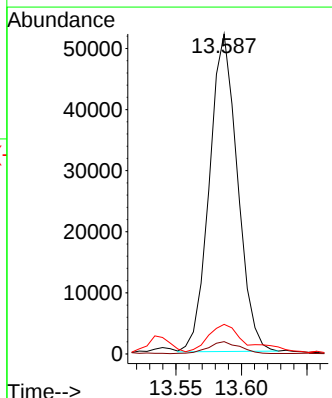
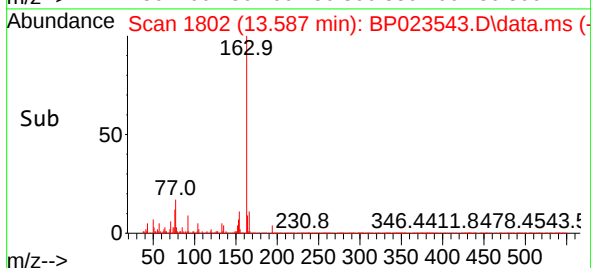
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

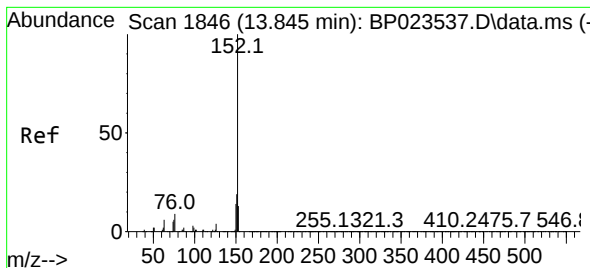


#47
Dimethylphthalate
Concen: 1.137 ng/ul
RT: 13.587 min Scan# 1802
Delta R.T. -0.018 min
Lab File: BP023543.D
Acq: 20 Dec 2024 02:05



Tgt Ion:163 Resp: 77452
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.3 8.6 13.0





#50

Acenaphthylene

Concen: 3.370 ng/u1

RT: 13.852 min Scan# 1847

Delta R.T. -0.012 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Instrument :

BNA_P

ClientSampleId :

E28Y8

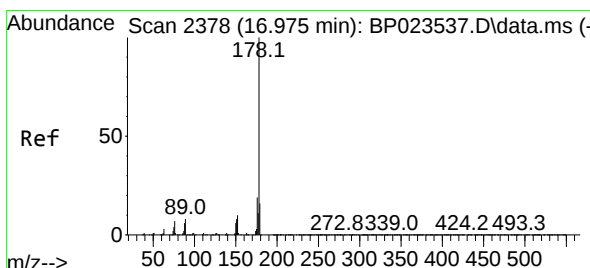
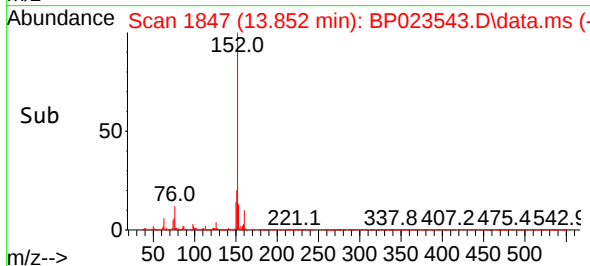
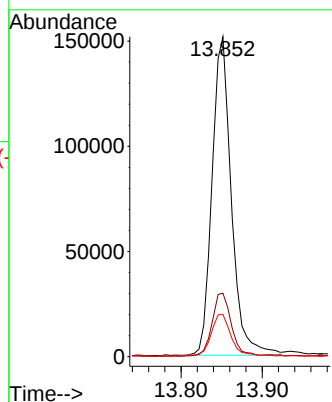
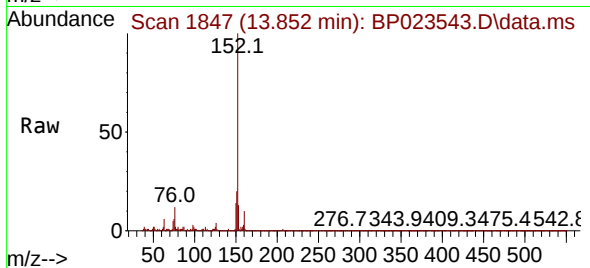
Tgt Ion:	152	Resp:	25034
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	13.3	10.5	15.7

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#72

Phenanthrene

Concen: 3.215 ng/u1

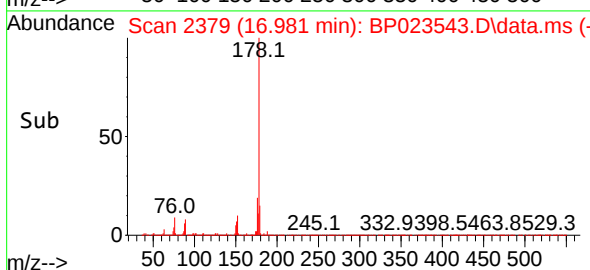
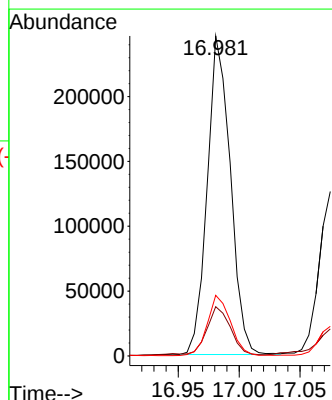
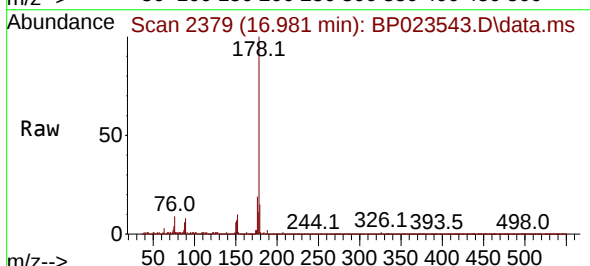
RT: 16.981 min Scan# 2379

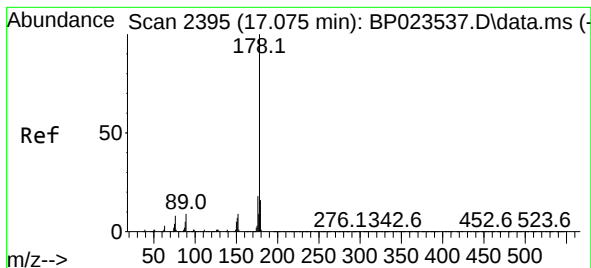
Delta R.T. -0.018 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Tgt Ion:	178	Resp:	324338
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	19.0	15.4	23.0





#74

Anthracene

Concen: 1.972 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Instrument :

BNA_P

ClientSampleId :

E28Y8

Tgt Ion:178 Resp: 19888

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

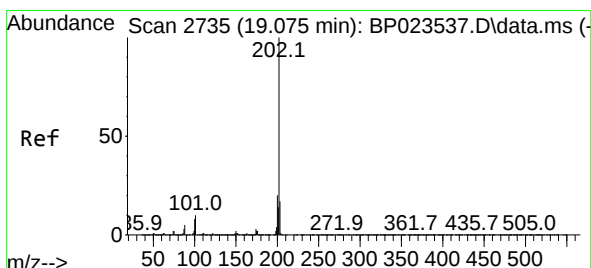
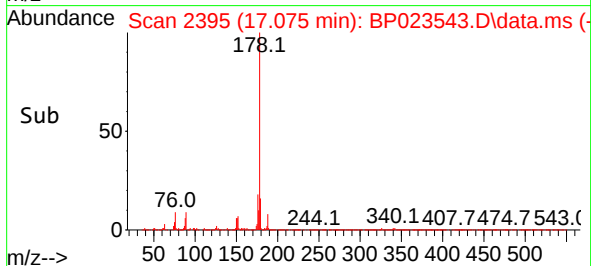
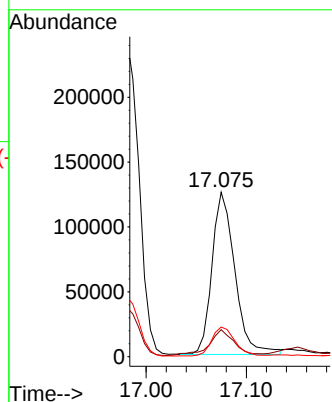
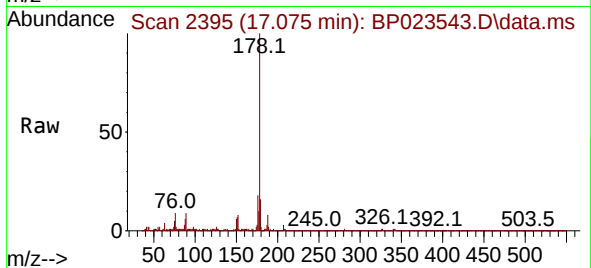
176 18.0 14.7 22.1

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Supervised By :mohammad ahmed 12/21/2024



#80

Fluoranthene

Concen: 16.022 ng/ul

RT: 19.081 min Scan# 2736

Delta R.T. -0.018 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

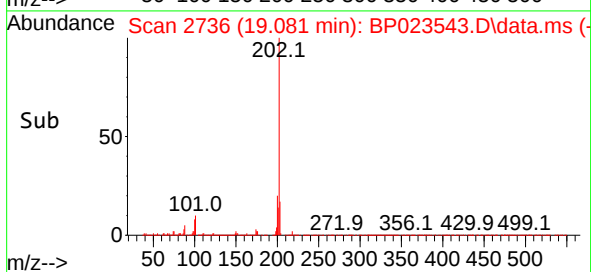
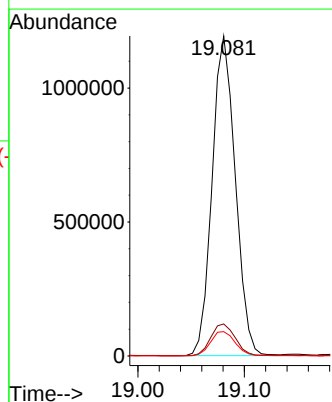
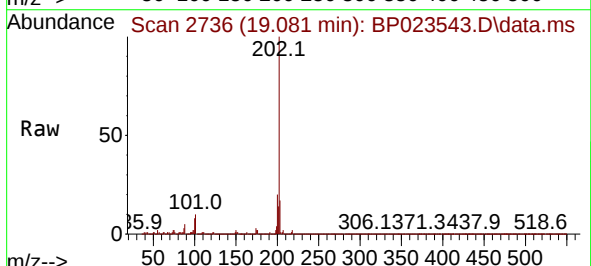
Tgt Ion:202 Resp: 1803128

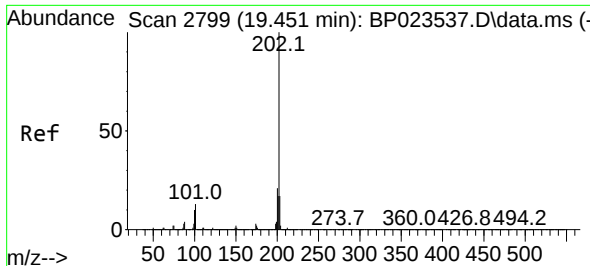
Ion Ratio Lower Upper

202 100

101 10.0 5.6 8.4#

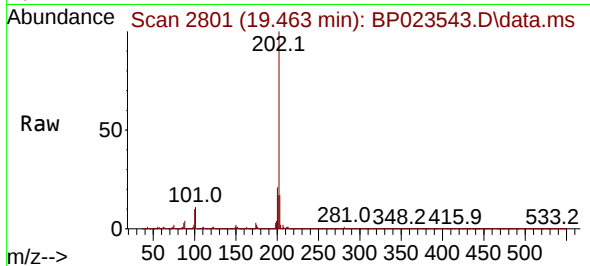
100 7.6 4.6 7.0#





#82
Pyrene
Concen: 14.041 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023543.D
Acq: 20 Dec 2024 02:05

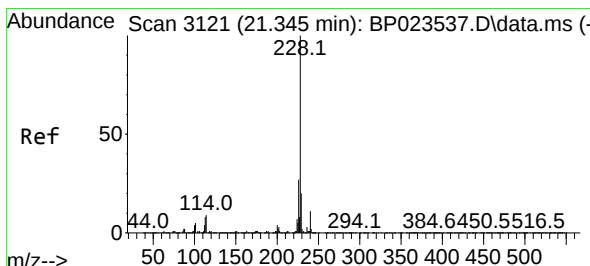
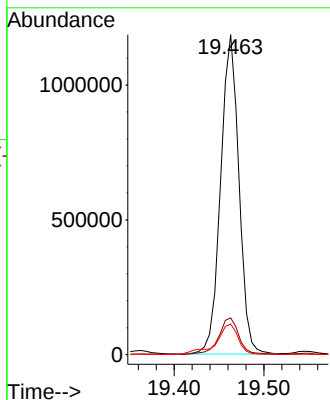
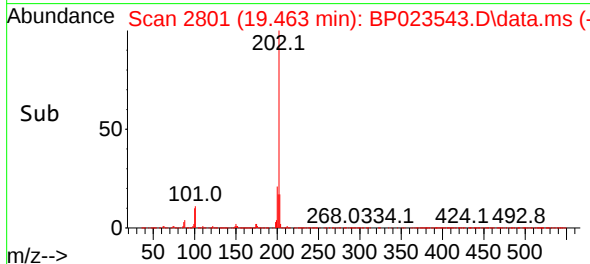
Instrument :
BNA_P
ClientSampleId :
E28Y8



Tgt Ion:202 Resp: 1676819
Ion Ratio Lower Upper
202 100
101 11.5 6.7 10.1
100 9.6 5.8 8.8

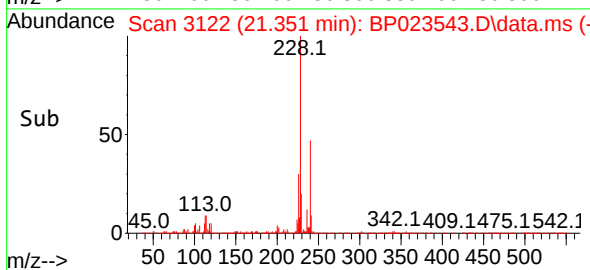
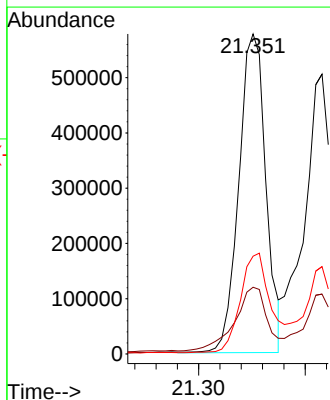
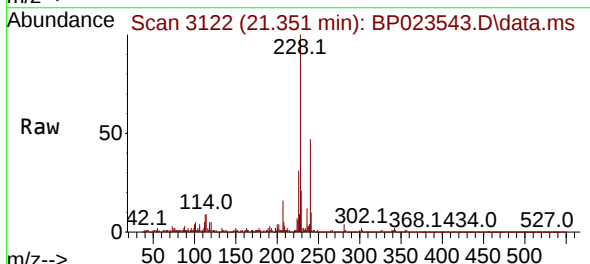
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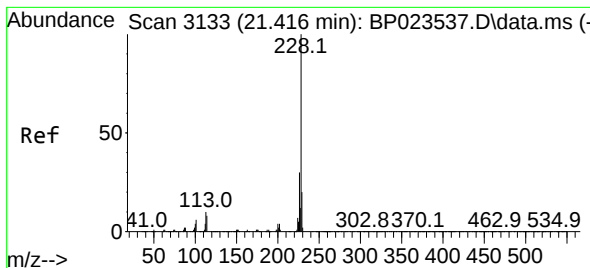
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#85
Benzo(a)anthracene
Concen: 8.064 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BP023543.D
Acq: 20 Dec 2024 02:05

Tgt Ion:228 Resp: 1016560
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 30.6 21.6 32.4





#87

Chrysene

Concen: 7.620 ng/ul

RT: 21.416 min Scan# 3133

Delta R.T. -0.023 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Instrument :

BNA_P

ClientSampleId :

E28Y8

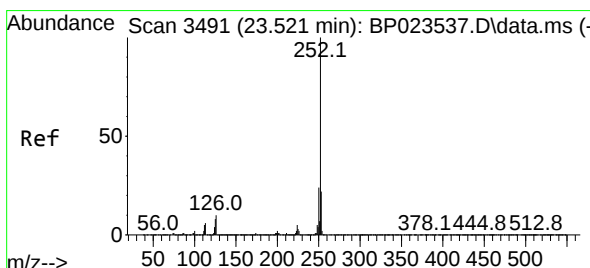
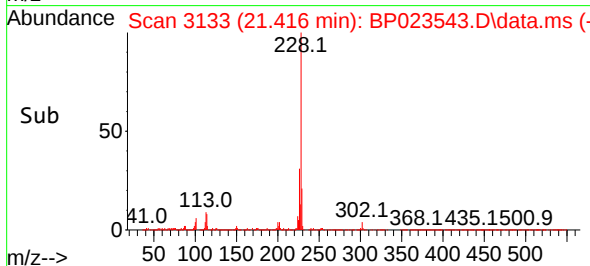
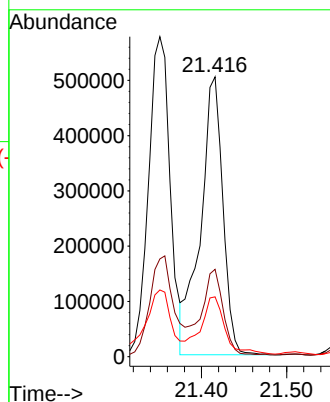
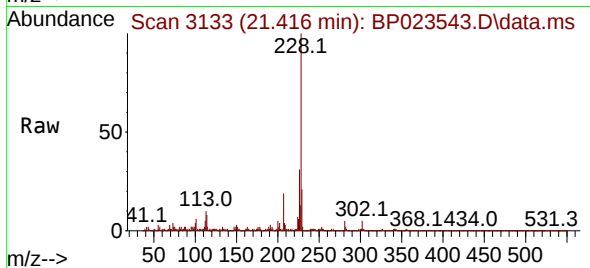
Tgt Ion:	228	Resp:	920448
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.2	36.2
229	21.4	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 12/21/2024



#90

Benzo(b)fluoranthene

Concen: 9.864 ng/ul m

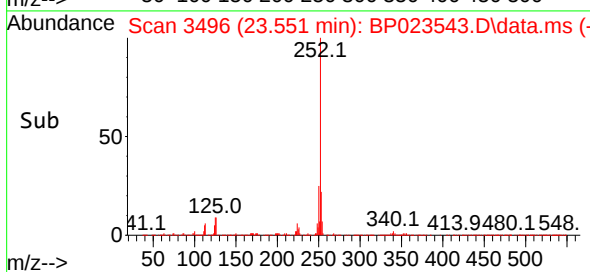
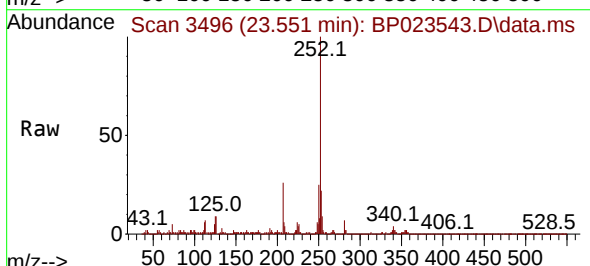
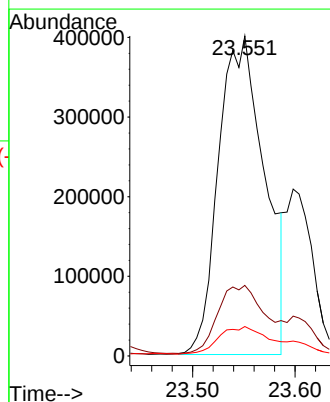
RT: 23.551 min Scan# 3496

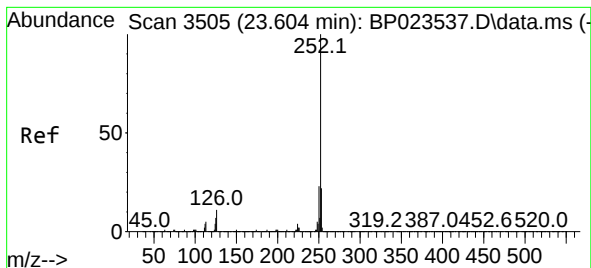
Delta R.T. -0.006 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Tgt Ion:	252	Resp:	1251443
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.2	4.4	6.6





#91

Benzo(k)fluoranthene

Concen: 2.964 ng/ul m

RT: 23.598 min Scan# 3

Delta R.T. -0.023 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Instrument :

BNA_P

ClientSampleId :

E28Y8

Tgt Ion:252 Resp: 374209

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

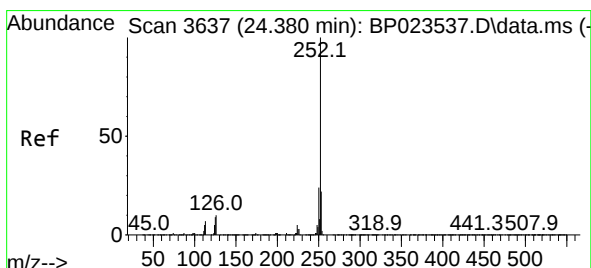
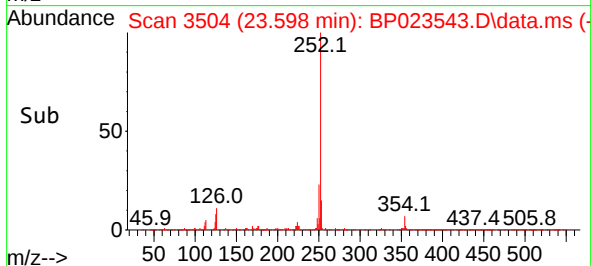
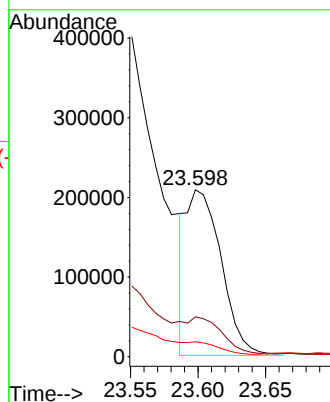
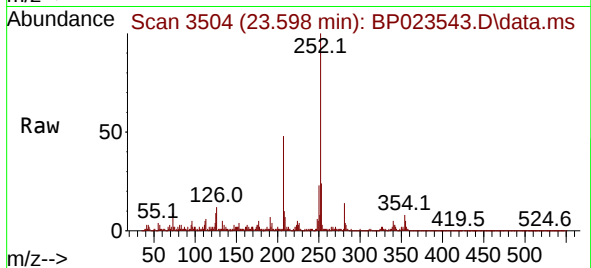
125 8.9 4.3 6.5

Manual Integrations

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Supervised By :mohammad ahmed 12/21/2024



#93

Benzo(a)pyrene

Concen: 7.590 ng/ul

RT: 24.386 min Scan# 3638

Delta R.T. -0.023 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

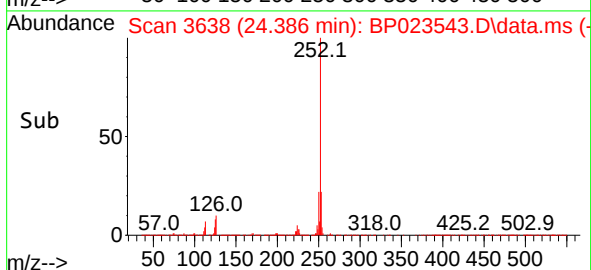
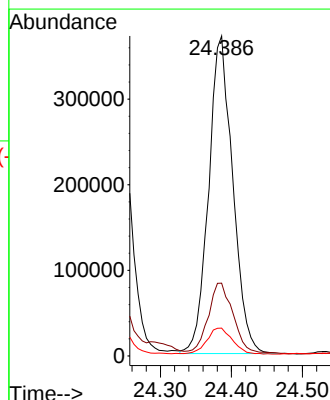
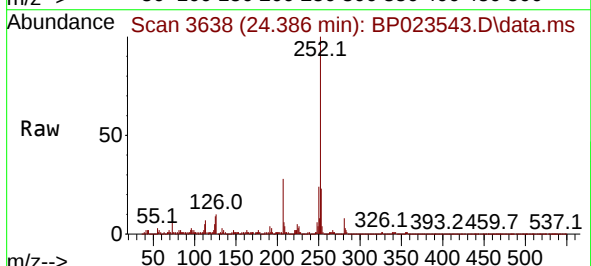
Tgt Ion:252 Resp: 873179

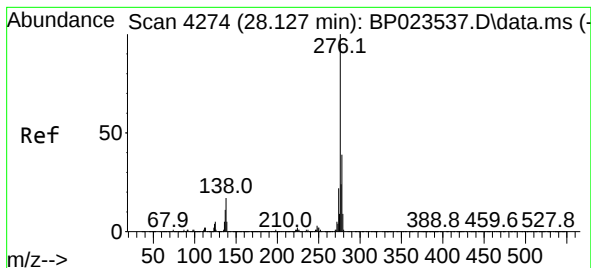
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 8.7 5.0 7.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.893 ng/ul m

RT: 28.110 min Scan# 4271

Delta R.T. -0.035 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

Instrument :

BNA_P

ClientSampleId :

E28Y8

Tgt Ion:276 Resp: 575480

Ion Ratio Lower Upper

276 100

138 16.8 7.8 11.6

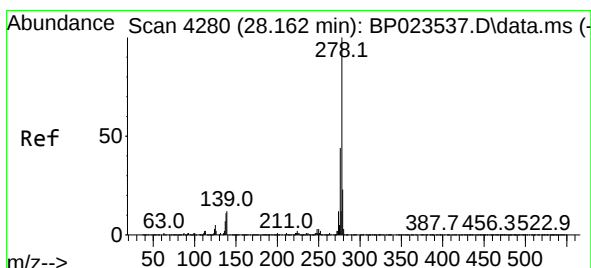
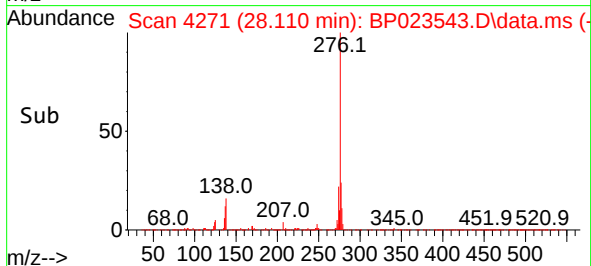
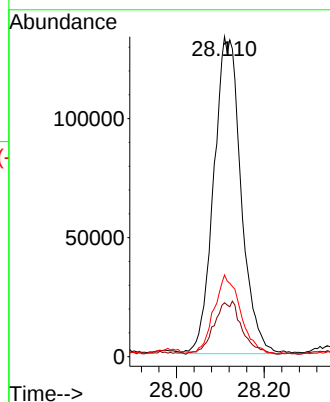
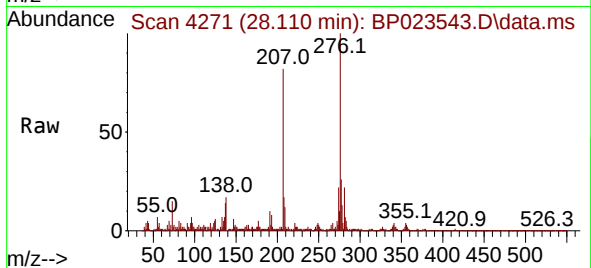
277 25.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.337 ng/ul m

RT: 28.139 min Scan# 4276

Delta R.T. -0.076 min

Lab File: BP023543.D

Acq: 20 Dec 2024 02:05

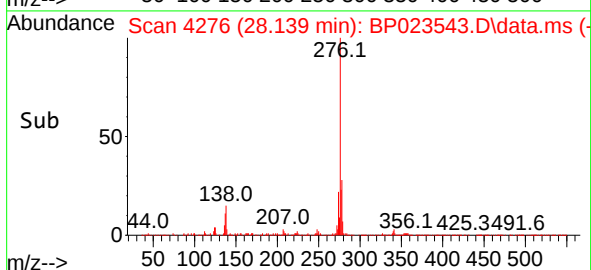
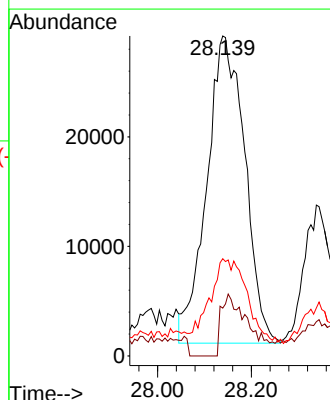
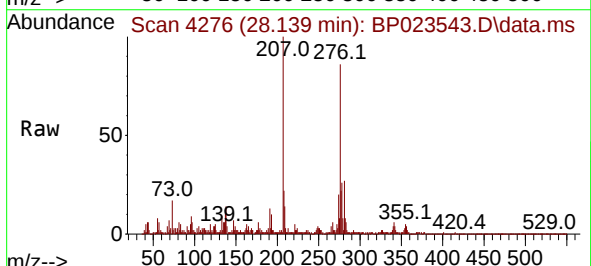
Tgt Ion:278 Resp: 158130

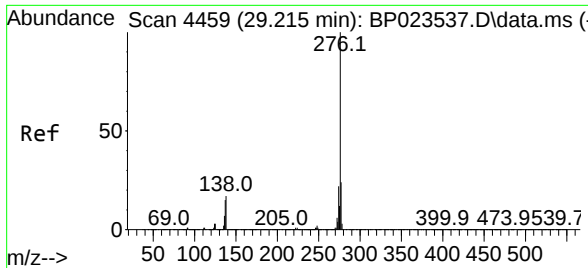
Ion Ratio Lower Upper

278 100

139 15.0 6.0 9.0#

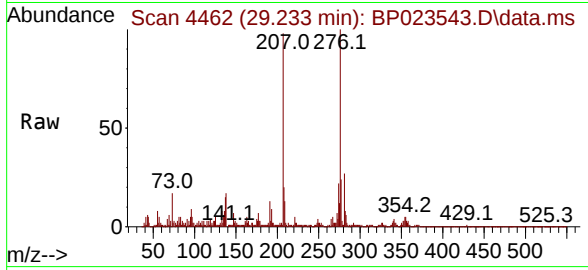
279 30.4 19.2 28.8#





#96
 Benzo(g,h,i)perylene
 Concen: 4.708 ng/ul m
 RT: 29.233 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: BP023543.D
 Acq: 20 Dec 2024 02:05

Instrument :
 BNA_P
 ClientSampleId :
 E28Y8



Tgt Ion:276 Resp: 532840
 Ion Ratio Lower Upper
 276 100
 138 17.4 8.5 12.7
 277 23.9 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

