Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022835.D
Acq On : 04 Nov 2024 20:22
Operator : RC/JU
Sample : P4581-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 04 21:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.628	152	89870	20.000 ng/ul	-0.01
20) Naphthalene-d8	10.381	136	341778	20.000 ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	275472	20.000 ng/ul	-0.02
64) Phenanthrene-d10	17.045	188	666057	20.000 ng/ul	-0.02
79) Chrysene-d12	21.486	240	745669	20.000 ng/ul	-0.01
88) Perylene-d12	24.739	264	848379	20.000 ng/ul	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.181	96	2150	0.930 ng/uL	0.00
4) Pyridine-d5	3.611	84	6559m	1.033 ng/ul	0.02
7) Phenol-d5	6.834	99	40187	5.312 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	27883	6.271 ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	33516	6.244 ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	19196	3.180 ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	16840	6.408 ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	20187	6.635 ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	37411	5.785 ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	23449m	3.069 ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	158677	7.250 ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	151138	6.502 ng/ul	-0.02
54) 4-Nitrophenol-d4	14.522	143	14600m	3.976 ng/ul	0.01
60) Fluorene-d10	15.251	176	137166	7.225 ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	15297	3.492 ng/ul	0.01
73) Anthracene-d10	17.157	188	217848	6.953 ng/ul	-0.01
81) Pyrene-d10	19.527	212	213337	5.410 ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.498	264	162740	3.592 ng/ul	-0.02
Target Compounds					Qvalue
8) Phenol	6.858	94	9394m	1.194 ng/ul	
16) Acetophenone	8.446	105	51543	5.171 ng/ul	96
30) Naphthalene	10.434	128	25204	1.385 ng/ul	98
56) Dibenzofuran	14.663	168	26302	1.026 ng/ul	94
61) Fluorene	15.310	166	24584	1.177 ng/ul	99
72) Phenanthrene	17.086	178	472439	13.258 ng/ul	99
74) Anthracene	17.192	178	64677	1.819 ng/ul	98
77) Carbazole	17.486	167	37192	1.182 ng/ul	97
80) Fluoranthene	19.180	202	624359	13.773 ng/ul	97
82) Pyrene	19.557	202	298145	6.136 ng/ul	97
85) Benzo(a)anthracene	21.469	228	238595	4.564 ng/ul	99
87) Chrysene	21.539	228	250360	5.165 ng/ul	98
90) Benzo(b)fluoranthene	23.715	252	306268	5.735 ng/ul#	98
91) Benzo(k)fluoranthene	23.768	252	102813	1.966 ng/ul	96
93) Benzo(a)pyrene	24.568	252	72799	1.481 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.427	276	76309m	1.163 ng/ul	

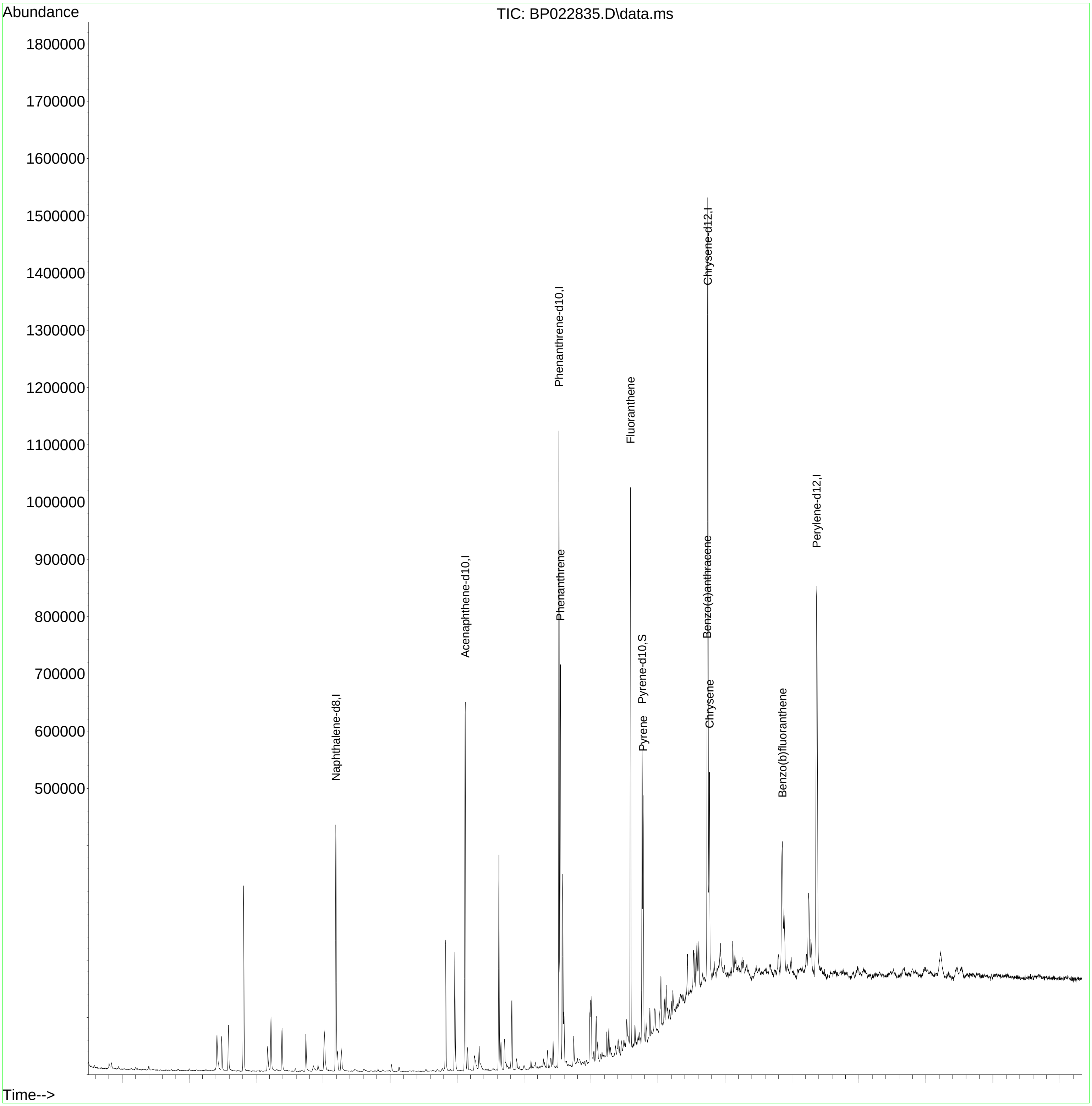
(#) = qualifier out of range (m) = manual integration (+) = signals summed

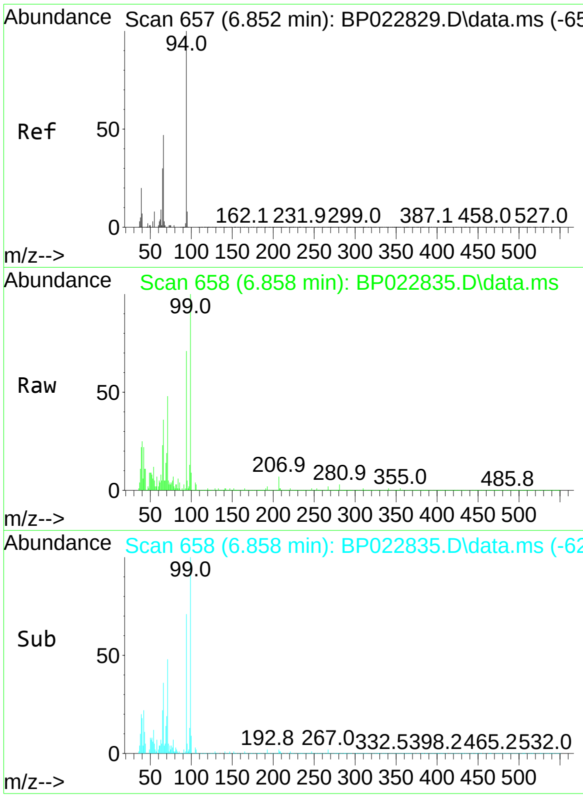
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022835.D
Acq On   : 04 Nov 2024 20:22
Operator : RC/JU
Sample   : P4581-04
Misc   :
ALS Vial : 14   Sample Multiplier: 1

Quant Time: Nov 04 21:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024





#8
Phenol
Concen: 1.194 ng/ul m
RT: 6.858 min Scan# 65
Delta R.T. 0.000 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

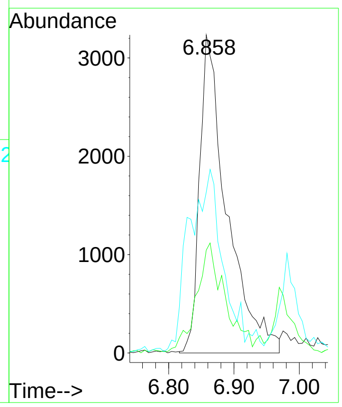
Instrument :
BNA_P
ClientSampleId :
A4ED0

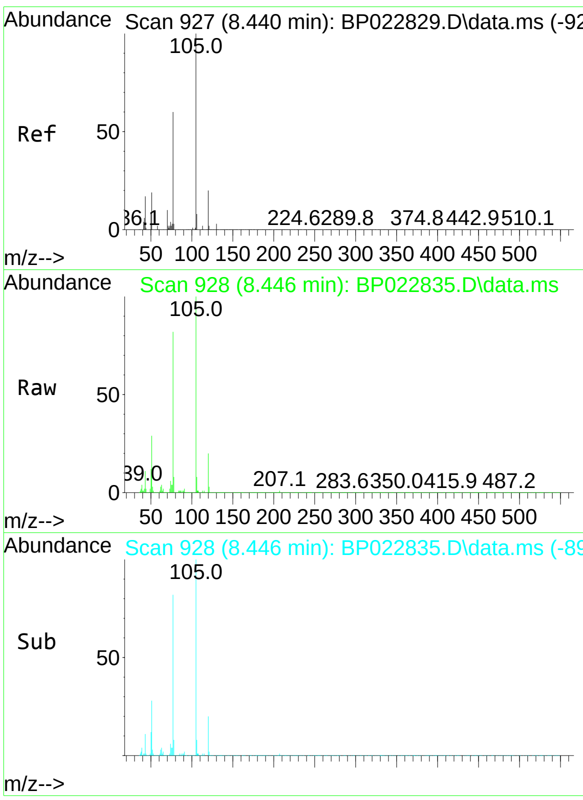
Tgt Ion: 94 Resp: 9394

Ion	Ratio	Lower	Upper
94	100		
65	32.3	25.9	38.9
66	50.6	37.6	56.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

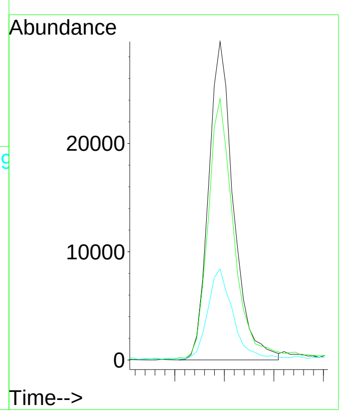


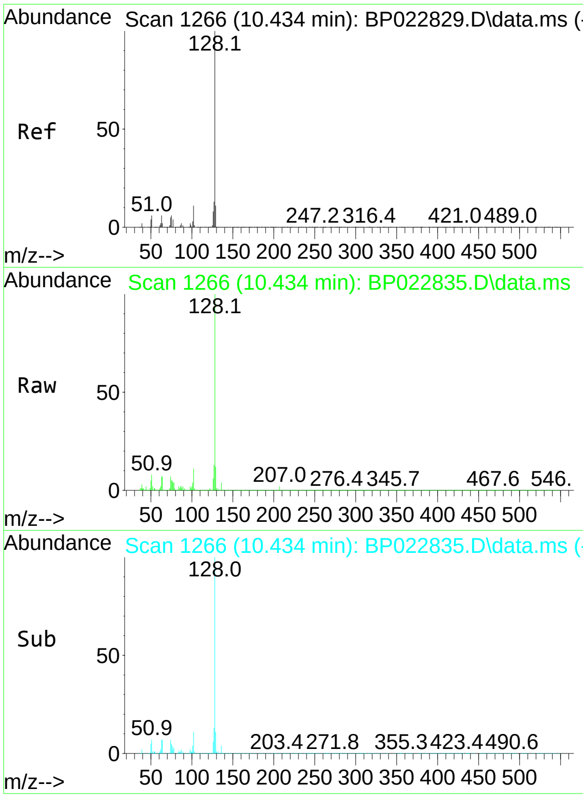


#16
Acetophenone
Concen: 5.171 ng/ul
RT: 8.446 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:105 Resp: 51543

Ion	Ratio	Lower	Upper
105	100		
77	82.0	69.0	103.4
51	28.6	22.6	33.8





#30
Naphthalene
Concen: 1.385 ng/ul
RT: 10.434 min Scan# 12
Delta R.T. -0.012 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

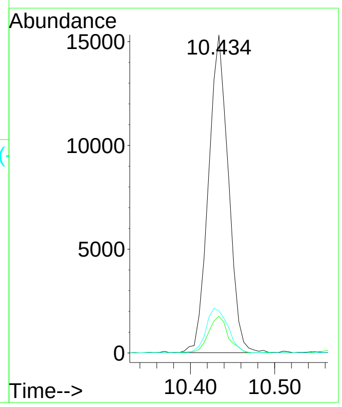
Instrument :
BNA_P
ClientSampleId :
A4ED0

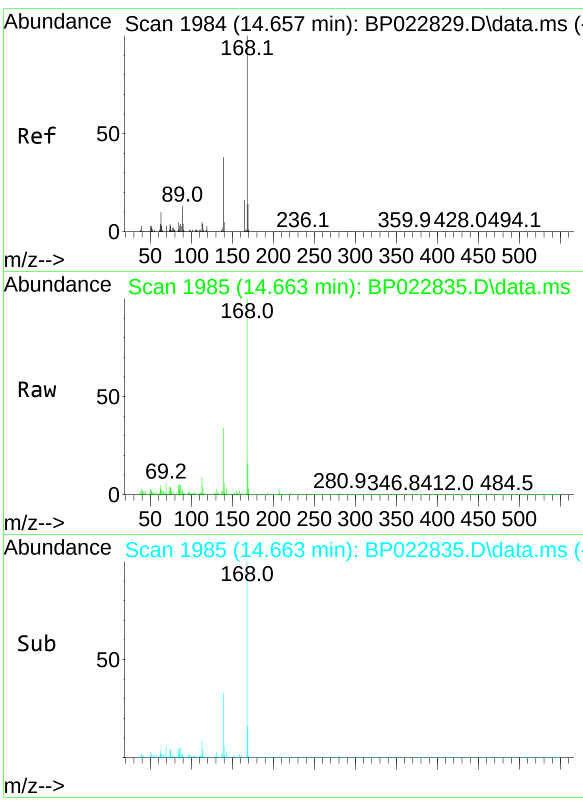
Tgt Ion:128 Resp: 25204

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.2	9.9	14.9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

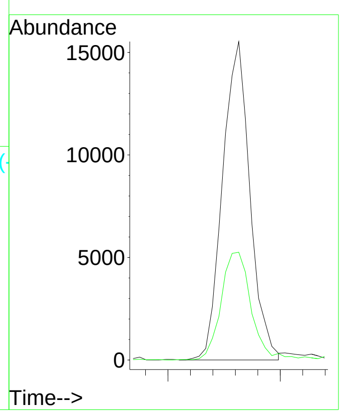


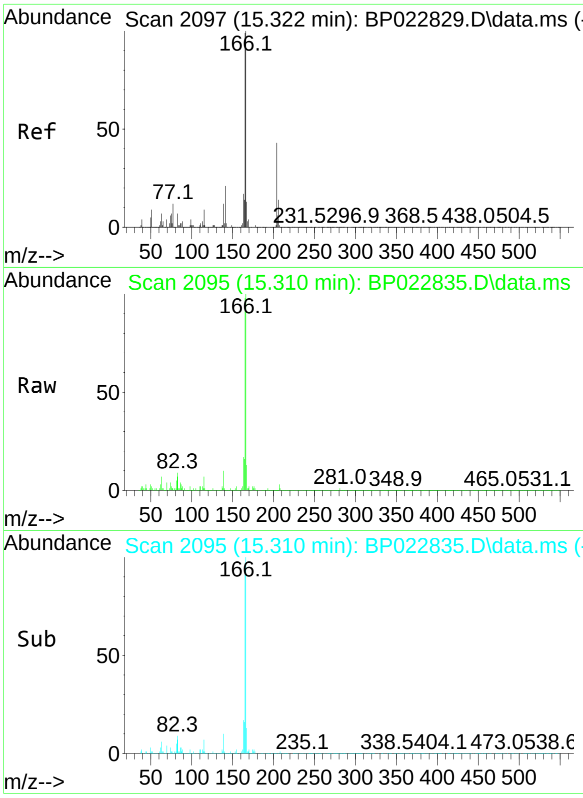


#56
Dibenzofuran
Concen: 1.026 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:168 Resp: 26302

Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.2	45.2





#61
Fluorene
Concen: 1.177 ng/ul
RT: 15.310 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

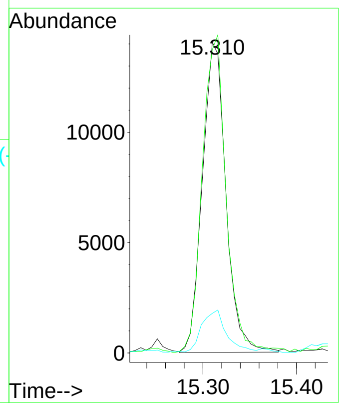
Instrument :
BNA_P
ClientSampleId :
A4ED0

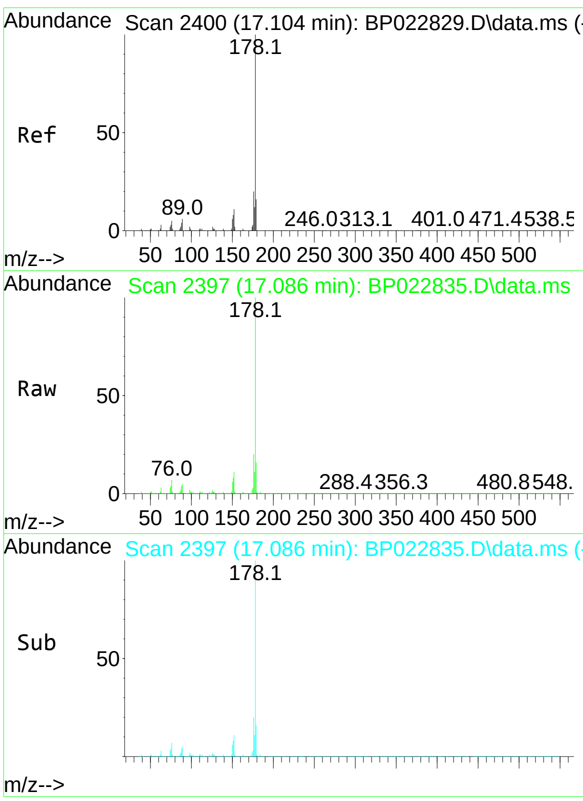
Tgt Ion:166 Resp: 24584

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	12.8	11.1	16.7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

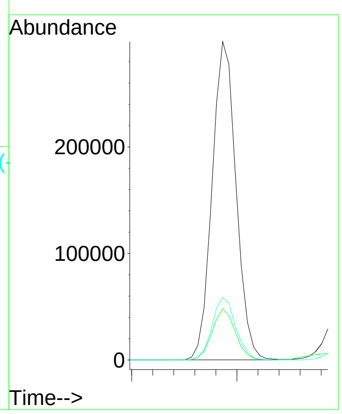


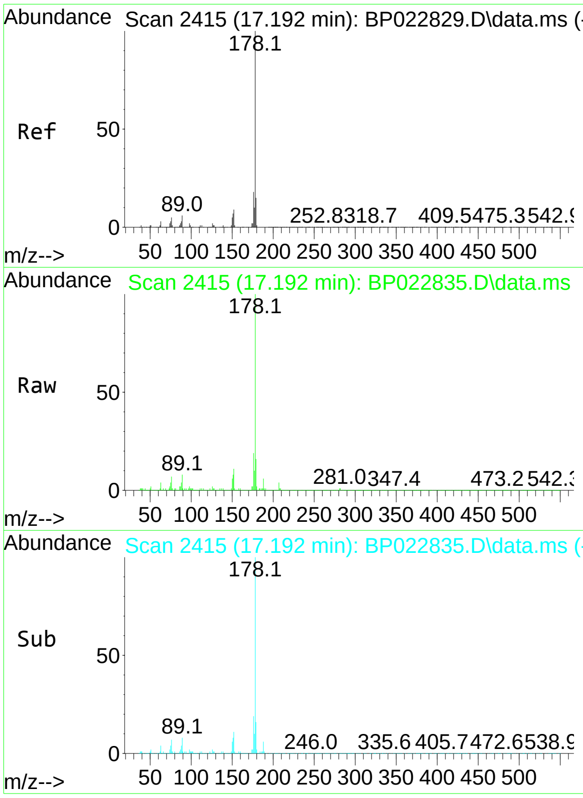


#72
Phenanthrene
Concen: 13.258 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. -0.018 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:178 Resp: 472439

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.6	15.7	23.5





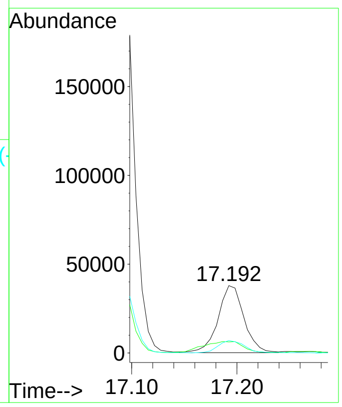
#74
Anthracene
Concen: 1.819 ng/ul
RT: 17.192 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

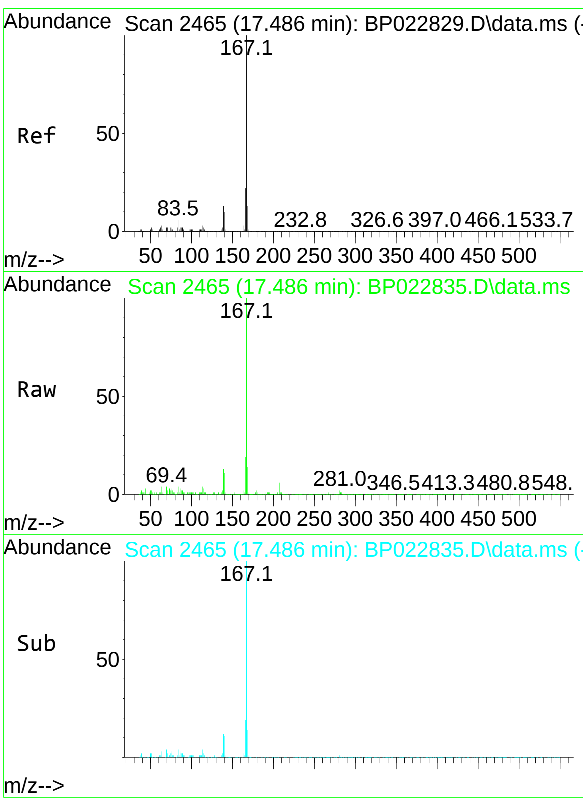
Tgt Ion:178 Resp: 64677

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	18.5	15.0	22.4

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

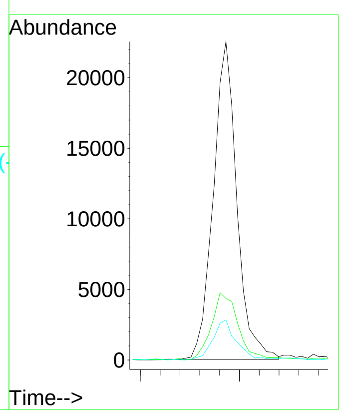


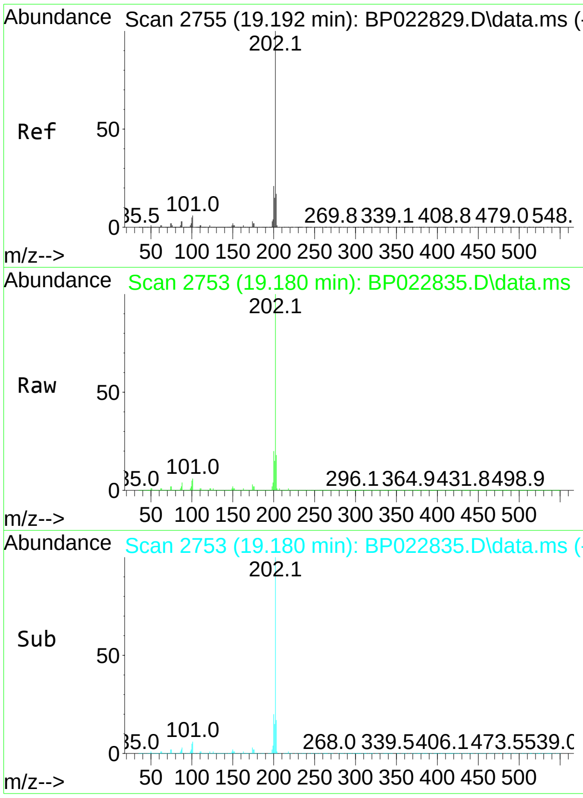


#77
Carbazole
Concen: 1.182 ng/ul
RT: 17.486 min Scan# 2465
Delta R.T. 0.006 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:167 Resp: 37192

Ion	Ratio	Lower	Upper
167	100		
166	19.3	17.0	25.6
139	12.6	10.3	15.5



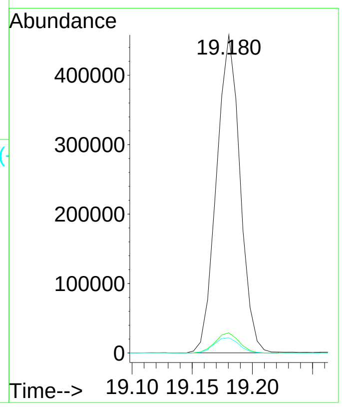


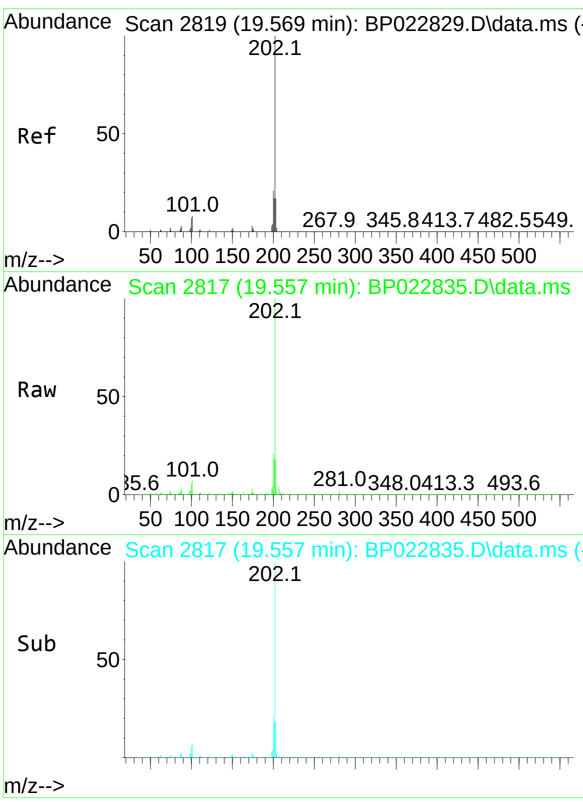

```
#80
Fluoranthene
Concen:    13.773 ng/ul
RT:  19.180 min  Scan# 27
Delta R.T.  -0.012 min
Lab File:   BP022835.D
Acq: 04 Nov 2024  20:22

Tgt Ion:202 Resp:  624359
Ion  Ratio  Lower  Upper
202  100
101    6.4    5.8    8.8
100    4.8    4.5    6.7
```

Instrument :
BNA_P
ClientSampleId :
A4ED0

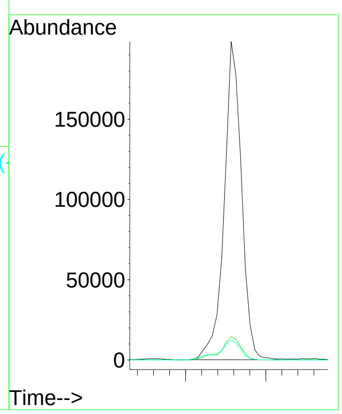
Manual Integrations APPROVED

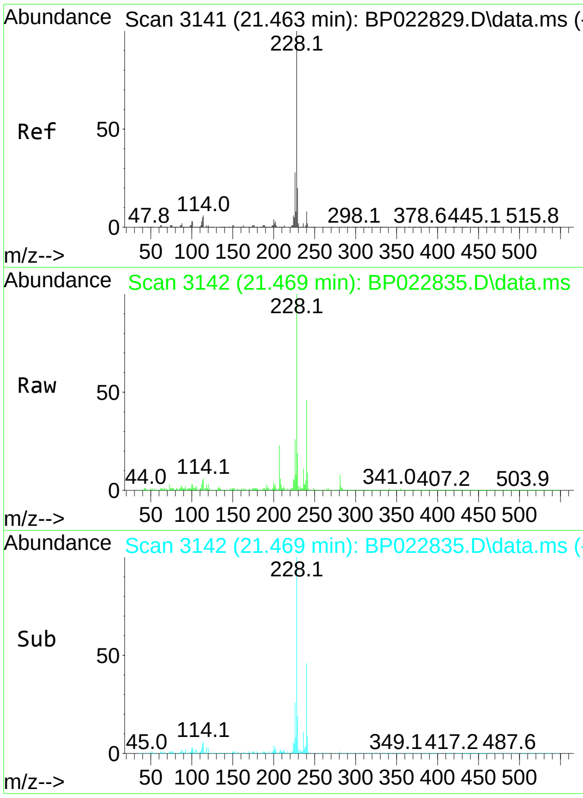
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024






```
#82
Pyrene
Concen:     6.136 ng/ul
RT:  19.557 min  Scan# 2817
Delta R.T.  -0.018 min
Lab File:   BP022835.D
Acq: 04 Nov 2024  20:22

Tgt Ion:202 Resp:  298145
Ion  Ratio  Lower  Upper
202  100
101    7.4    6.7   10.1
100    6.1    5.8    8.6
```





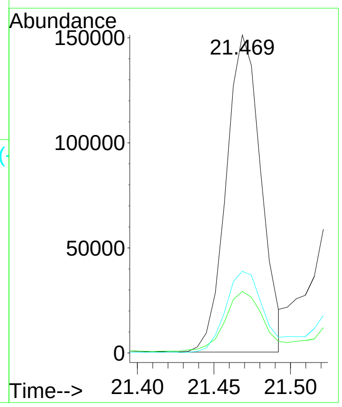
#85
Benzo(a)anthracene
Concen: 4.564 ng/ul
RT: 21.469 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

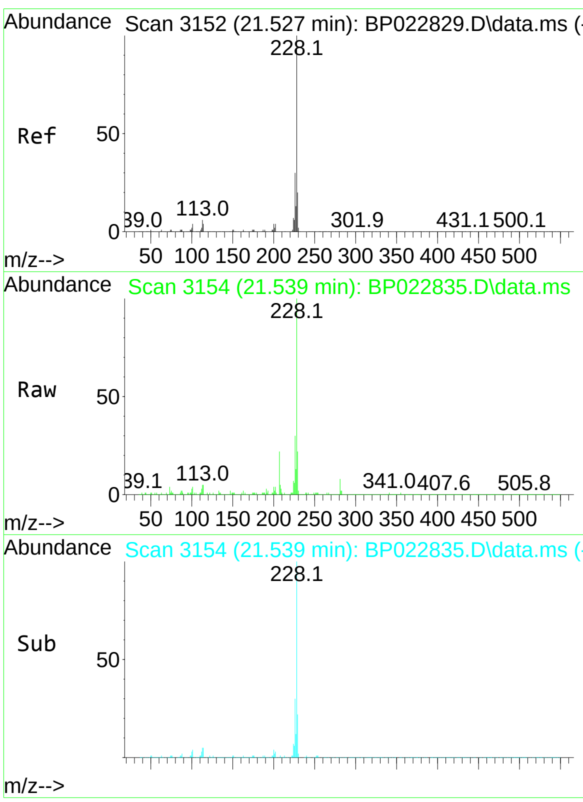
Instrument :
BNA_P
ClientSampleId :
A4ED0

Tgt Ion:228 Resp: 238595

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	25.7	21.5	32.3

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

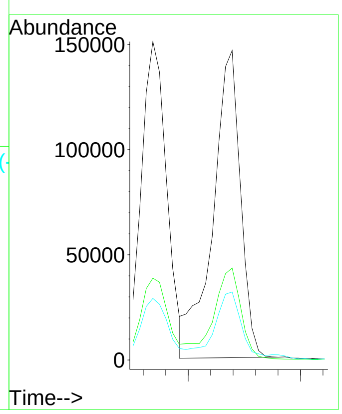


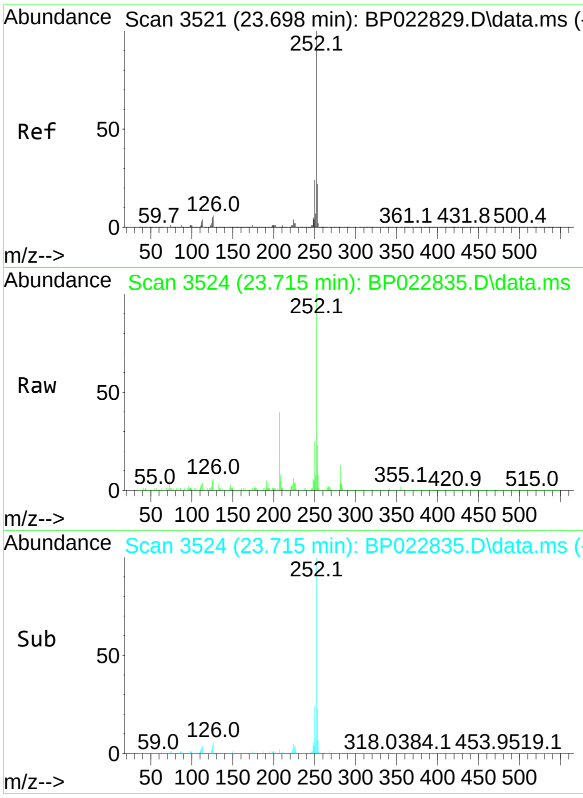


#87
Chrysene
Concen: 5.165 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:228 Resp: 250360

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	22.0	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 5.735 ng/ul
RT: 23.715 min Scan# 35
Delta R.T. -0.006 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

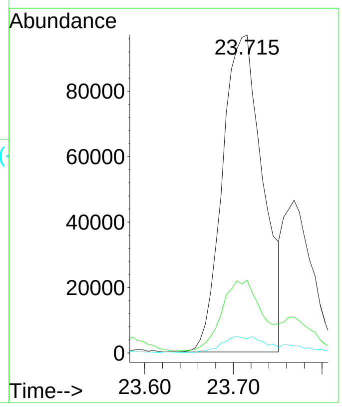
Tgt Ion:252 Resp: 306268

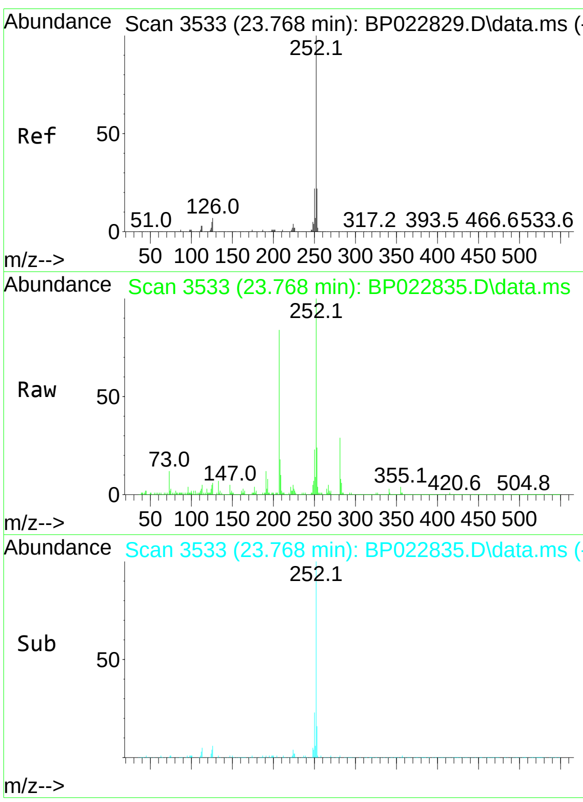
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	4.6	5.0	7.4#

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

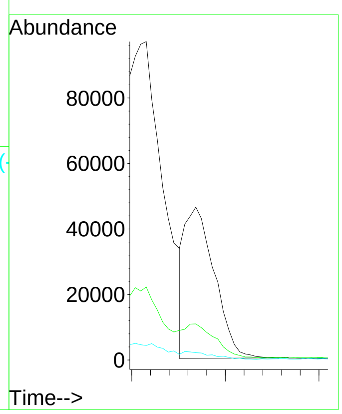


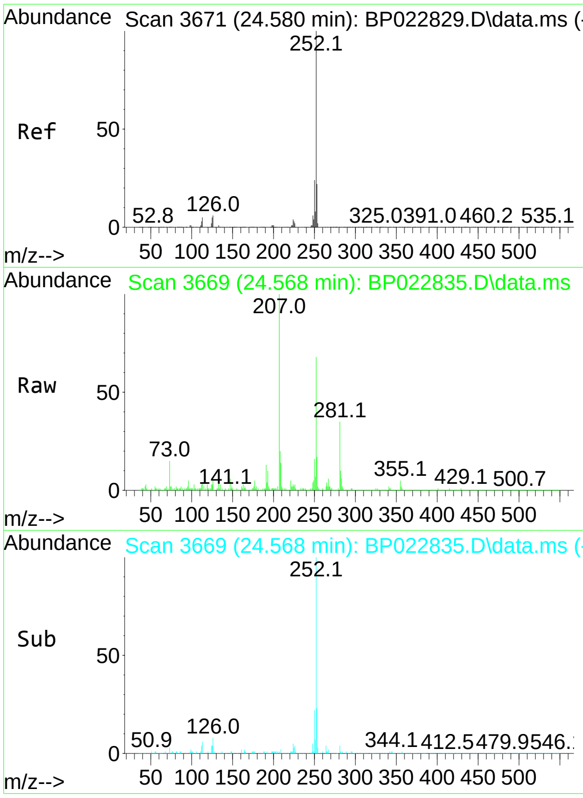


#91
Benzo(k)fluoranthene
Concen: 1.966 ng/ul
RT: 23.768 min Scan# 3533
Delta R.T. -0.024 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:252 Resp: 102813

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	4.8	4.6	6.8





#93
Benzo(a)pyrene
Concen: 1.481 ng/ul
RT: 24.568 min Scan# 36
Delta R.T. -0.029 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

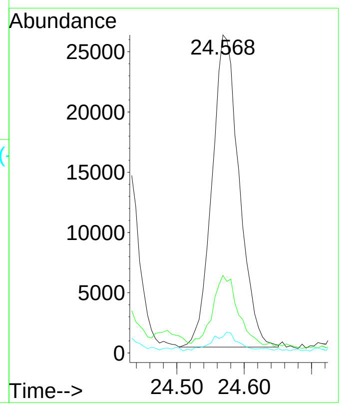
Tgt Ion:252 Resp: 72799

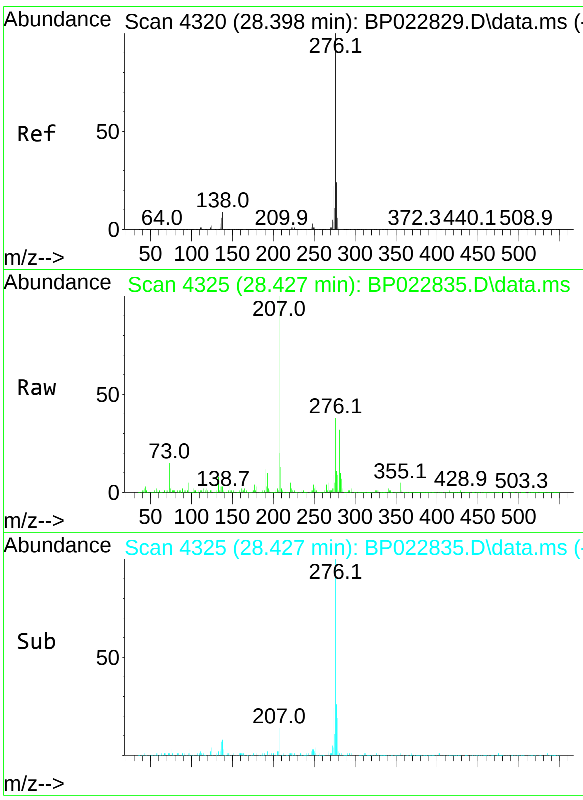
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	5.1	4.9	7.3

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.163 ng/ul m
RT: 28.427 min Scan# 4325
Delta R.T. -0.012 min
Lab File: BP022835.D
Acq: 04 Nov 2024 20:22

Tgt Ion:276 Resp: 76309

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.1	13.7#
277	27.4	18.6	27.8