

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021127.D
 Acq On : 24 Jul 2024 14:17
 Operator : MA/JU
 Sample : P3238-17DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 25 00:06:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 22:49:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	196000	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	768459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	499119	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1033838	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	800520	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	922293	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3642	0.846	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.881	99	64065	4.009	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	41796	4.316	ng/u1	0.01
11) 2-Chlorophenol-d4	7.210	132	57824	4.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	54948	4.140	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	26557	4.449	ng/u1	0.01
24) 2-Nitrophenol-d4	9.522	143	29884	4.374	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	55795	4.517	ng/u1	0.01
31) 4-Chloroaniline-d4	10.593	131	31922	1.951	ng/u1	0.02
46) Dimethylphthalate-d6	13.692	166	179861	4.957	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	197565	4.849	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	15657m	3.033	ng/u1	0.03
60) Fluorene-d10	15.310	176	158844	5.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	10206	1.632	ng/u1	0.02
73) Anthracene-d10	17.210	188	246307	5.364	ng/u1	0.00
81) Pyrene-d10	19.598	212	260501	5.264	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.627	264	187529	4.123	ng/u1	-0.02
Target Compounds					Qvalue	
52) Acenaphthene	14.351	153	43947	1.435	ng/u1	98
61) Fluorene	15.369	166	56550	1.653	ng/u1#	98
72) Phenanthrene	17.151	178	990056	18.460	ng/u1	99
74) Anthracene	17.245	178	184012	3.366	ng/u1	99
77) Carbazole	17.551	167	97491	2.181	ng/u1	100
80) Fluoranthene	19.245	202	1391555	23.283	ng/u1	99
82) Pyrene	19.627	202	1004363	16.514	ng/u1	100
85) Benzo(a)anthracene	21.533	228	525123	9.364	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	97605	2.677	ng/u1#	98
87) Chrysene	21.604	228	514938	9.882	ng/u1	98
90) Benzo(b)fluoranthene	23.821	252	596455	10.657	ng/u1	98
91) Benzo(k)fluoranthene	23.880	252	210060	3.761	ng/u1	96
93) Benzo(a)pyrene	24.710	252	258063	4.879	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.633	276	230549	3.383	ng/u1#	93
95) Dibenzo(a,h)anthracene	28.668	278	85690m	1.518	ng/u1	

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

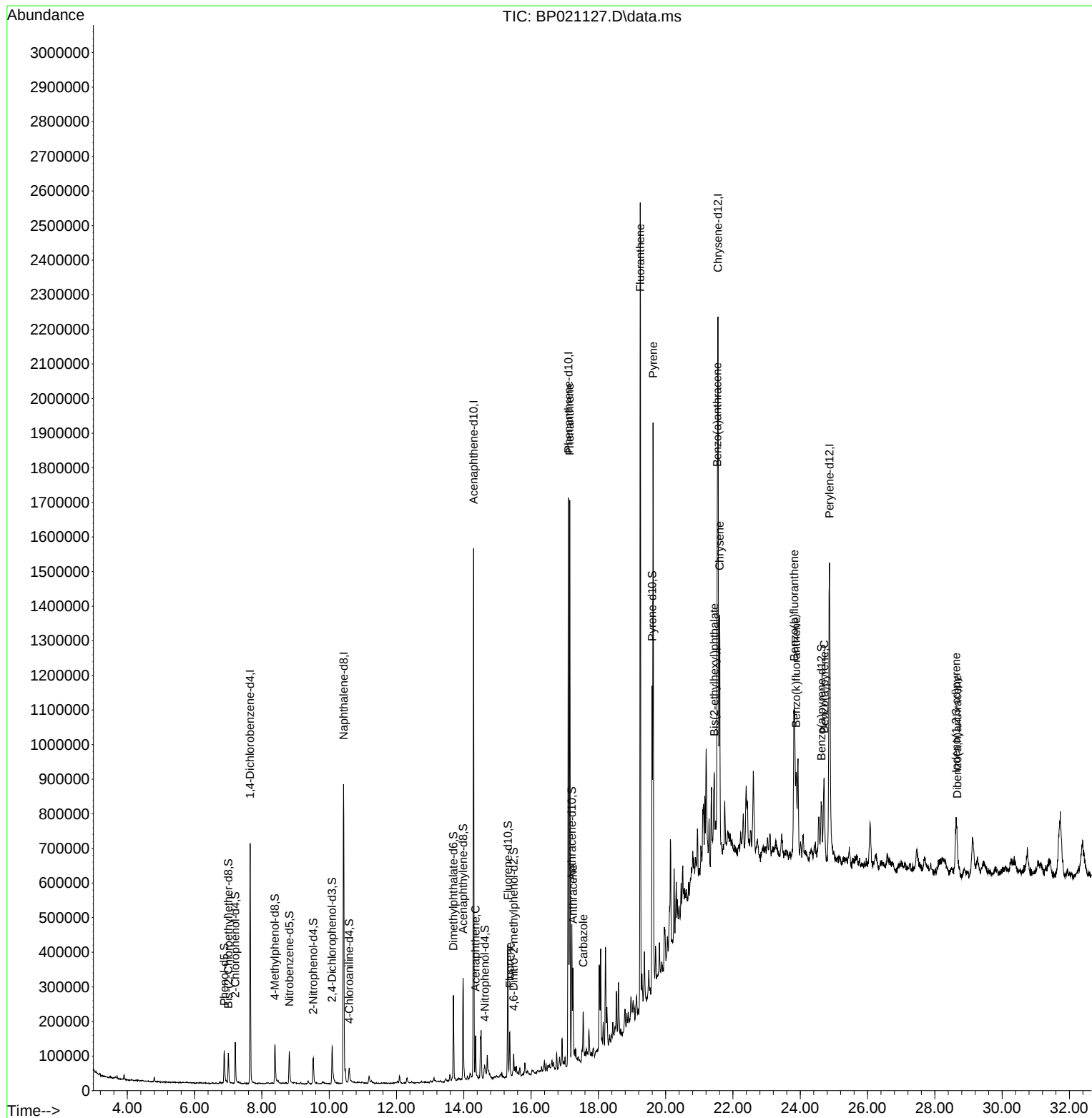
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

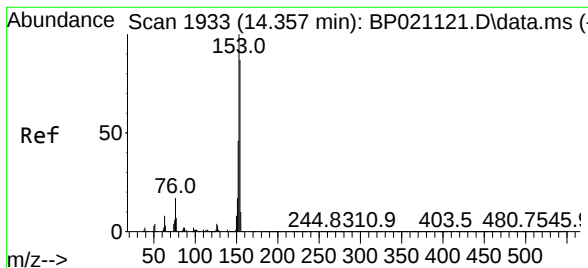
Instrument :
BNA_P
ClientSampleId :
A4C04DL

Quant Time: Jul 25 00:06:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/25/2024





#52

Acenaphthene

Concen: 1.435 ng/ul

RT: 14.351 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

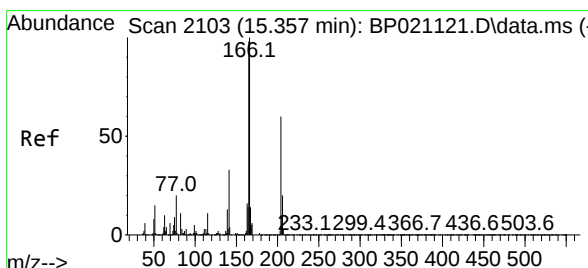
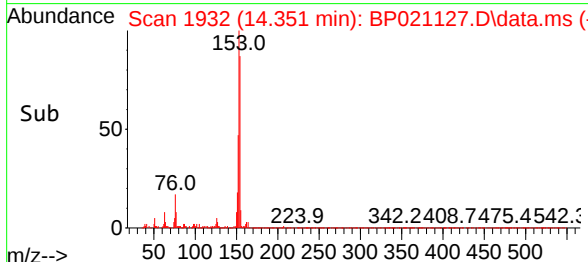
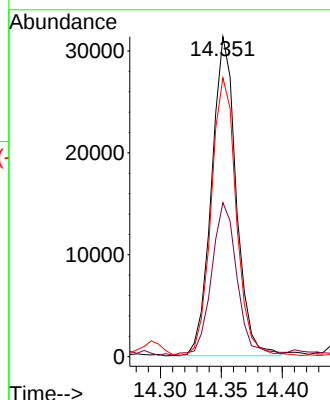
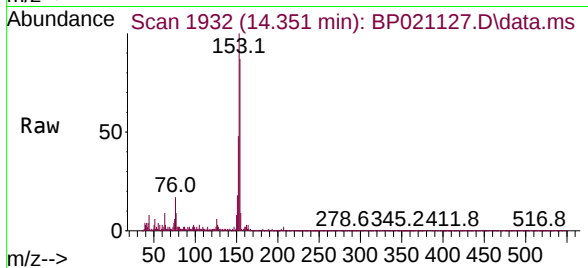
Tgt Ion:	153	Resp:	4394
Ion Ratio	Lower	Upper	
153	100		
152	48.1	37.8	56.6
154	87.1	71.8	107.6

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#61

Fluorene

Concen: 1.653 ng/ul

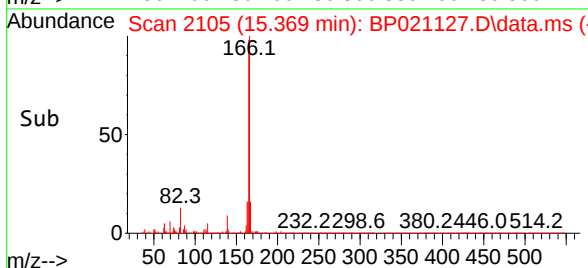
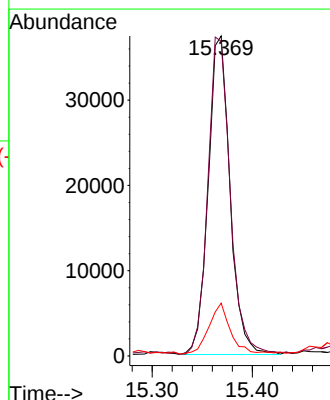
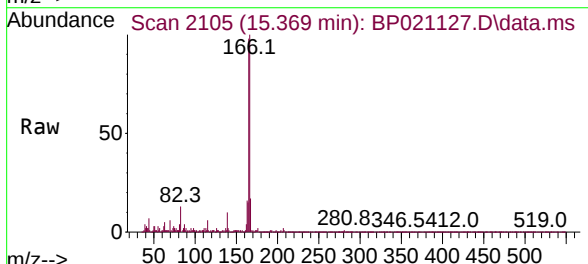
RT: 15.369 min Scan# 2105

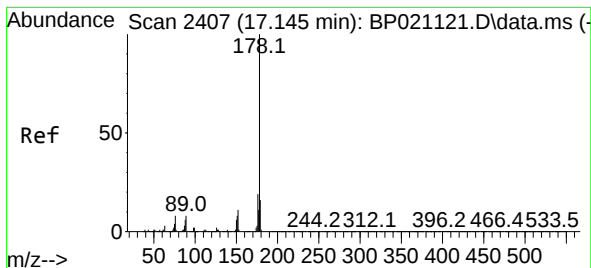
Delta R.T. 0.012 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Tgt Ion:	166	Resp:	56550
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.1	117.1
167	16.5	10.9	16.3





#72

Phenanthrene

Concen: 18.460 ng/u1

RT: 17.151 min Scan# 2407

Delta R.T. 0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

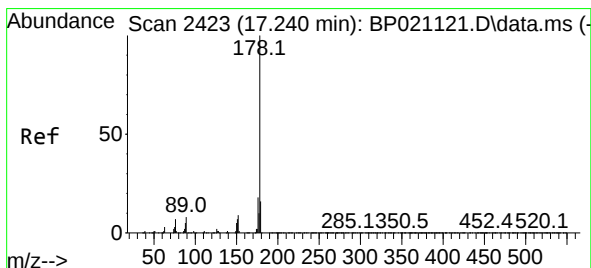
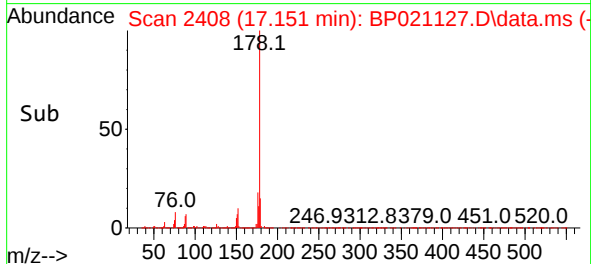
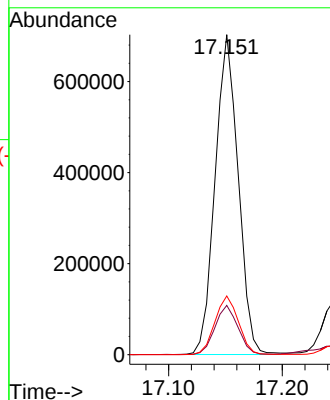
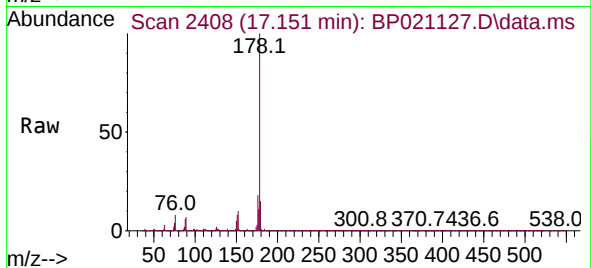
Tgt Ion:178 Resp: 990050
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.4
 176 18.3 15.0 22.4

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#74

Anthracene

Concen: 3.366 ng/u1

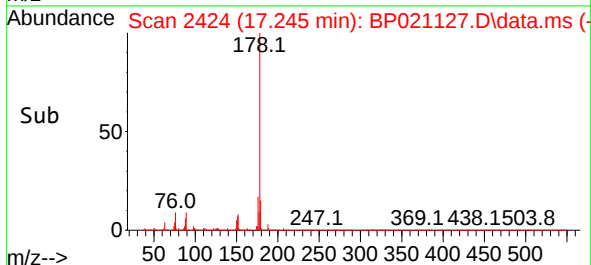
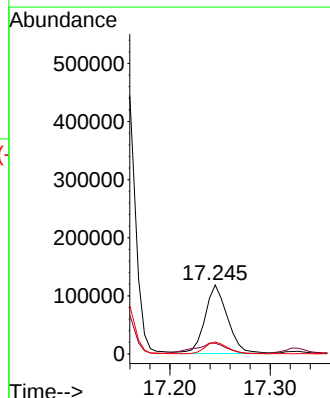
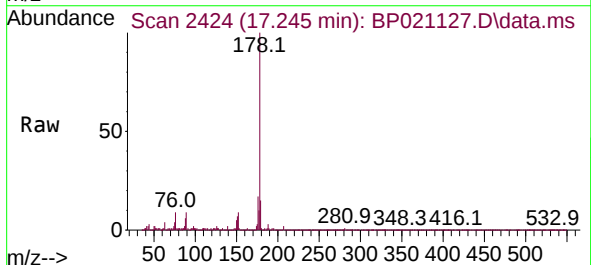
RT: 17.245 min Scan# 2424

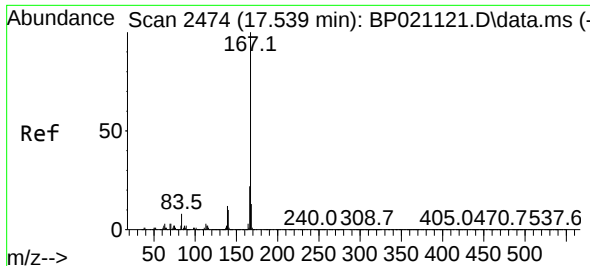
Delta R.T. 0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

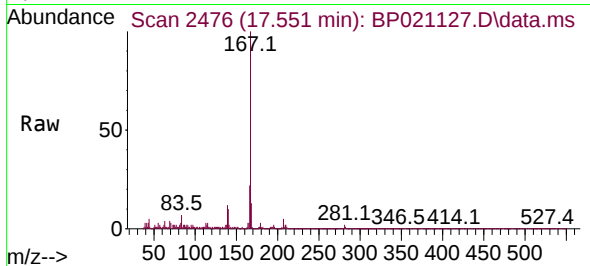
Tgt Ion:178 Resp: 184012
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 17.5 14.8 22.2





#77
 Carbazole
 Concen: 2.181 ng/ul
 RT: 17.551 min Scan# 2476
 Delta R.T. 0.012 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

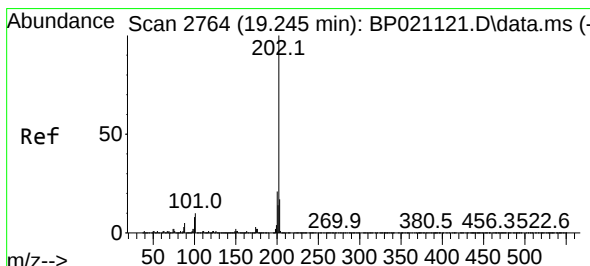
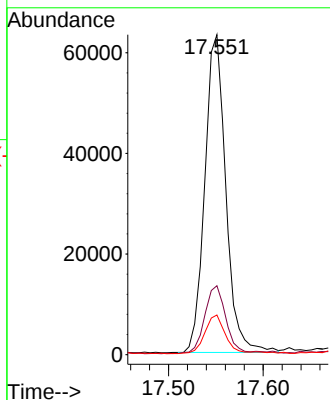
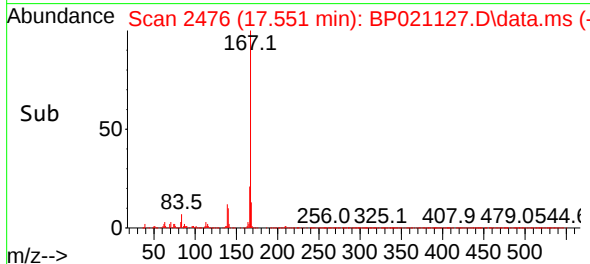
Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL



Tgt Ion:167 Resp: 9749
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.4 10.2 15.2

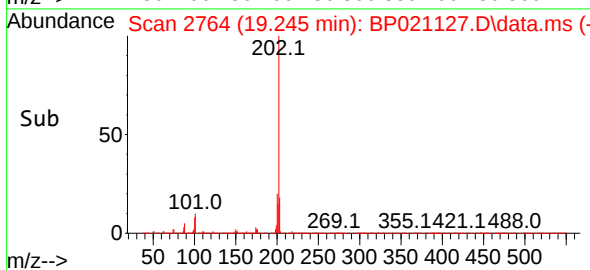
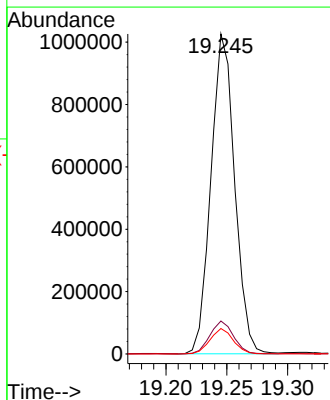
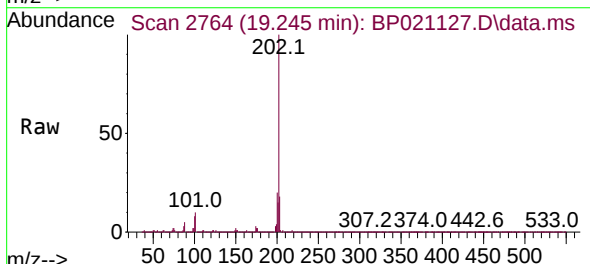
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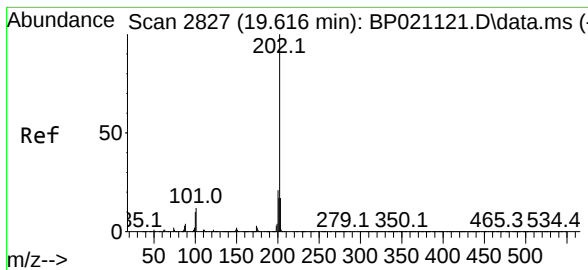
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 23.283 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

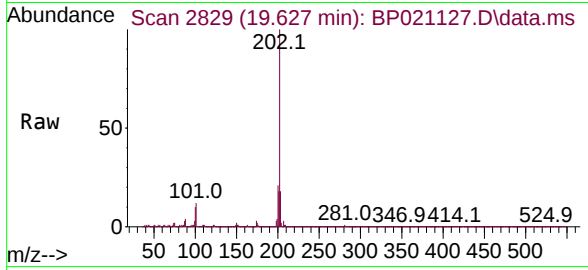
Tgt Ion:202 Resp: 1391555
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 100 8.0 6.1 9.1





#82
 Pyrene
 Concen: 16.514 ng/ul
 RT: 19.627 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

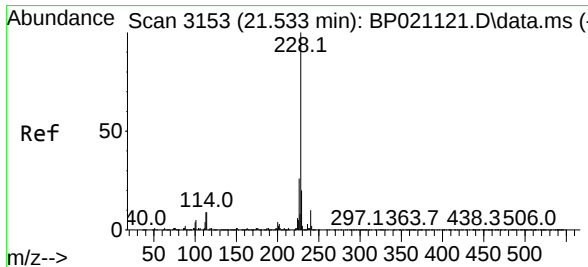
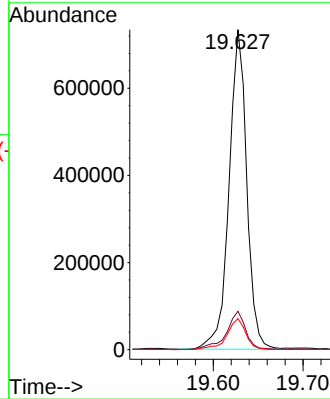
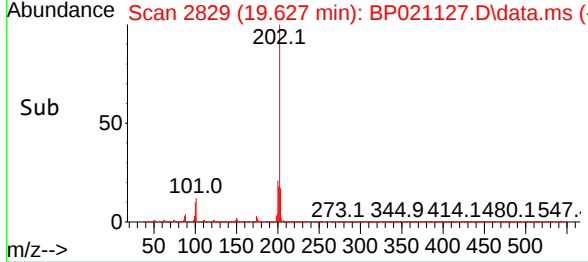
Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL



Tgt Ion:202 Resp: 100436
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.4 14.2
 100 9.7 7.8 11.6

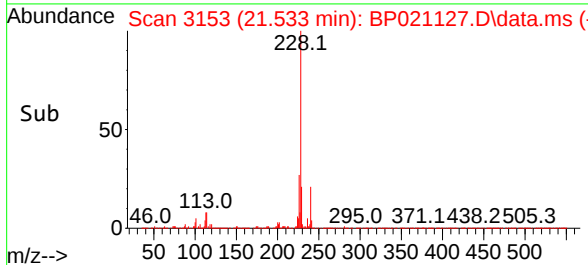
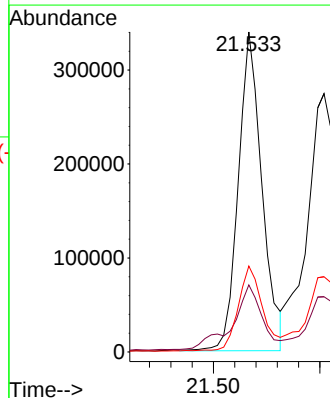
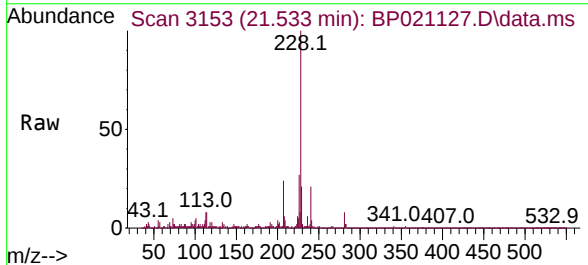
Manual Integrations
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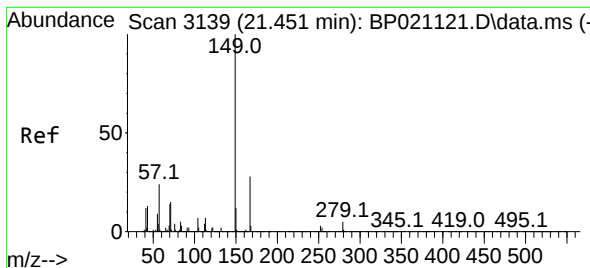
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#85
 Benzo(a)anthracene
 Concen: 9.364 ng/ul
 RT: 21.533 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

Tgt Ion:228 Resp: 525123
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.5 23.3
 226 26.9 21.4 32.2





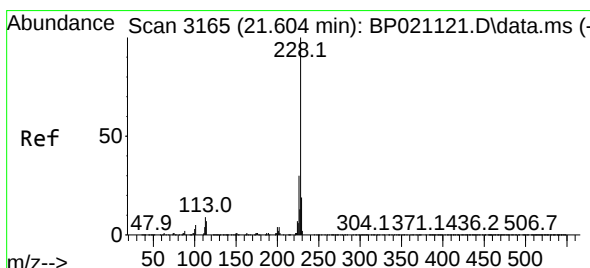
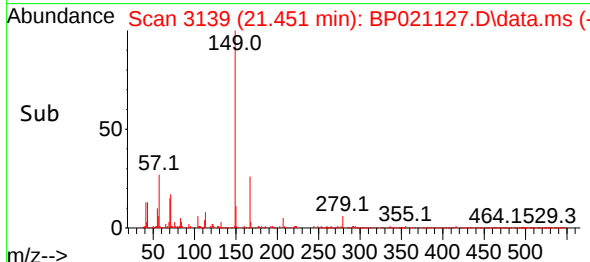
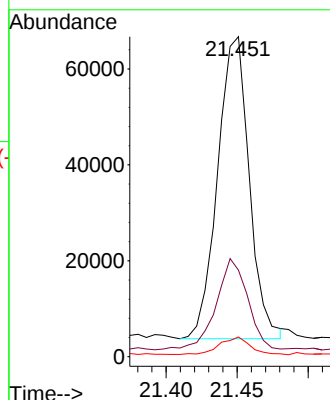
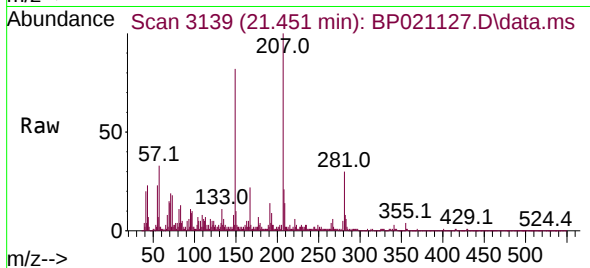
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.677 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

Instrument :
BNA_P
ClientSampleId :
A4C04DL

Tgt Ion:149 Resp: 97609
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 6.2 3.7 5.5

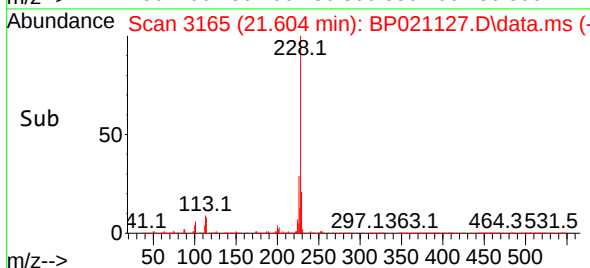
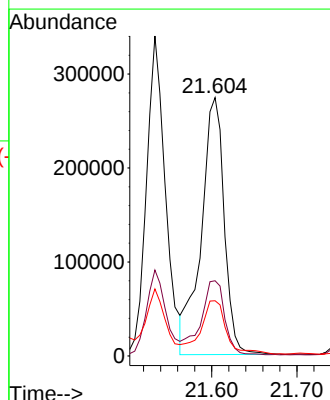
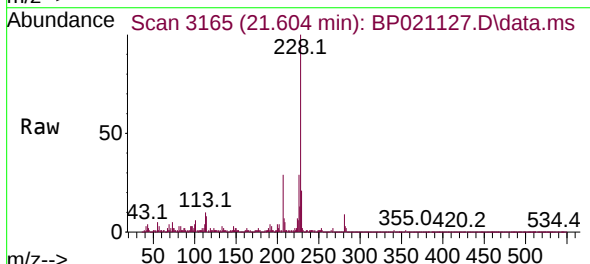
Manual Integrations
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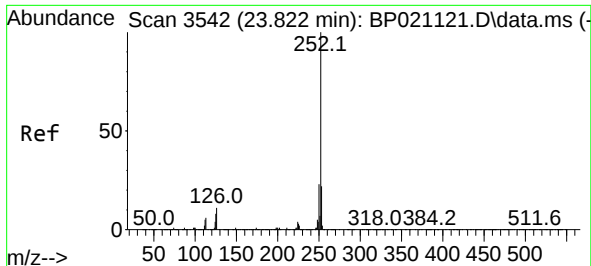
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 9.882 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

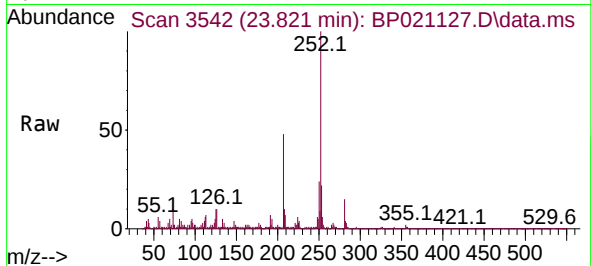
Tgt Ion:228 Resp: 514938
Ion Ratio Lower Upper
228 100
226 29.1 23.6 35.4
229 21.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 10.657 ng/ul
RT: 23.821 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

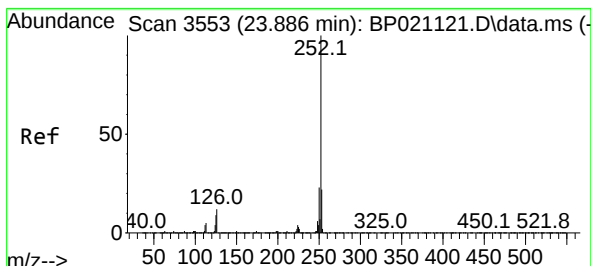
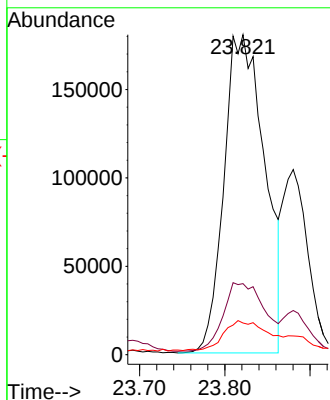
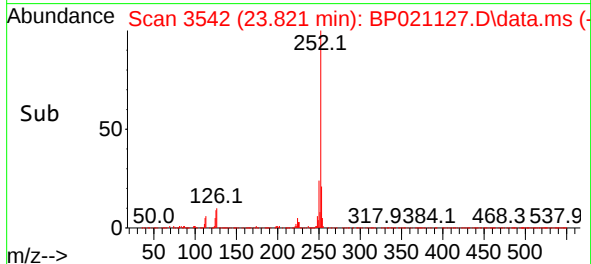
Instrument :
BNA_P
ClientSampleId :
A4C04DL



Tgt Ion:252 Resp: 59645
Ion Ratio Lower Upper
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253 22.2 17.1 25.7
125 9.9 7.0 10.4

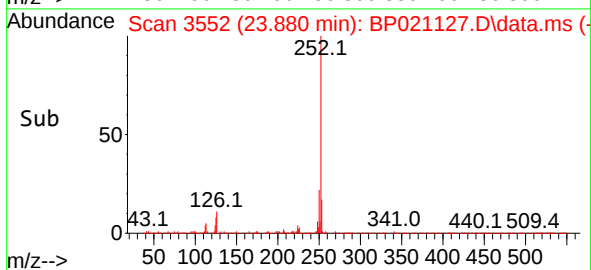
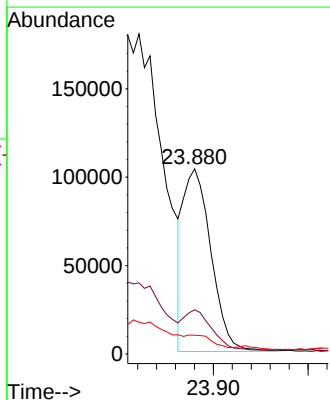
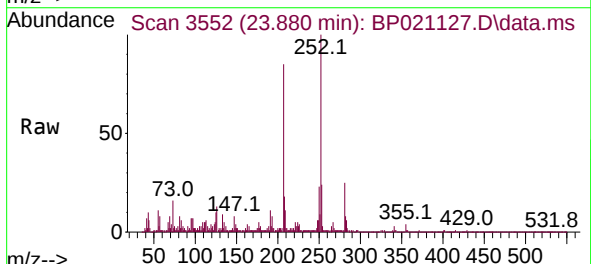
Manual Integrations
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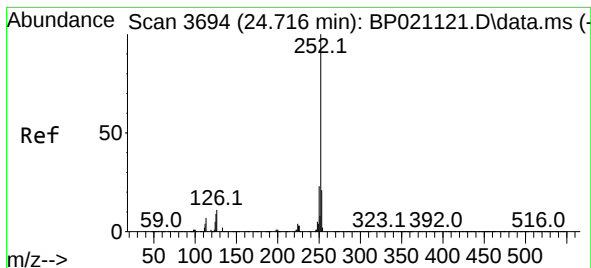
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#91
Benzo(k)fluoranthene
Concen: 3.761 ng/ul
RT: 23.880 min Scan# 3552
Delta R.T. -0.006 min
Lab File: BP021127.D
Acq: 24 Jul 2024 14:17

Tgt Ion:252 Resp: 210060
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 10.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 4.879 ng/ul

RT: 24.710 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

Instrument :

BNA_P

ClientSampleId :

A4C04DL

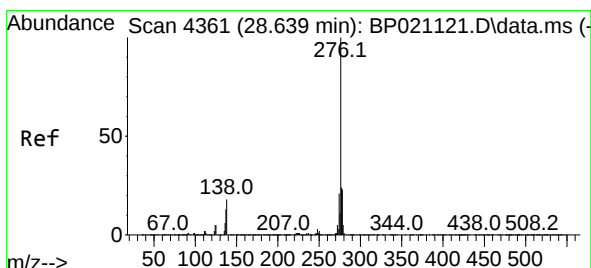
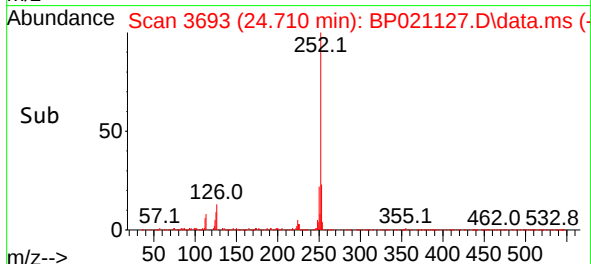
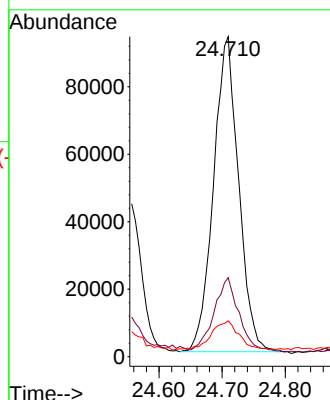
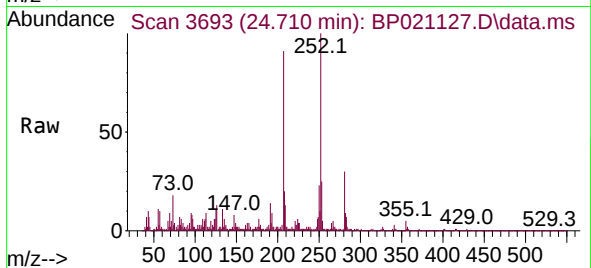
Tgt Ion:	252	Resp:	25806
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	11.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.383 ng/ul

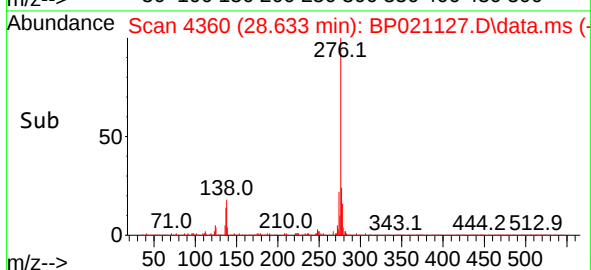
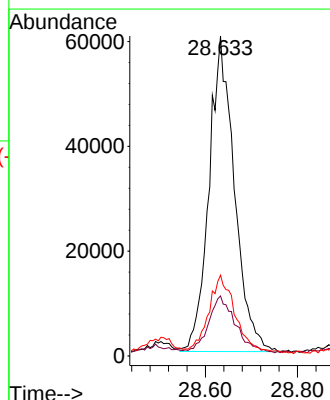
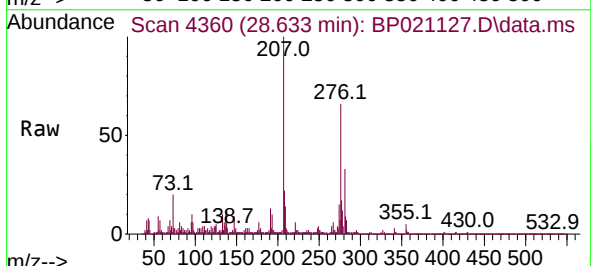
RT: 28.633 min Scan# 4360

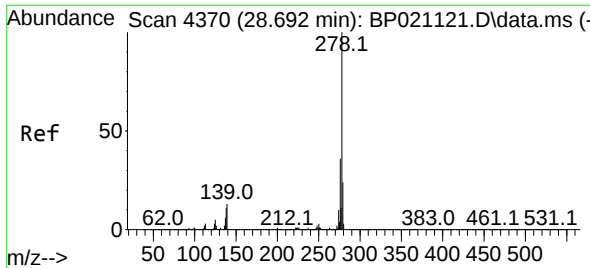
Delta R.T. -0.006 min

Lab File: BP021127.D

Acq: 24 Jul 2024 14:17

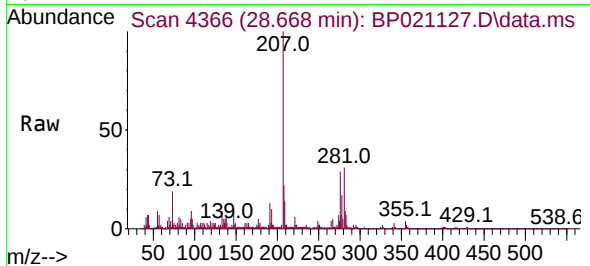
Tgt Ion:	276	Resp:	230549
Ion Ratio	Lower	Upper	
276	100		
138	23.1	14.3	21.5
277	25.3	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.518 ng/ul m
 RT: 28.668 min Scan# 4366
 Delta R.T. -0.024 min
 Lab File: BP021127.D
 Acq: 24 Jul 2024 14:17

Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL



Tgt Ion:278 Resp: 85690
 Ion Ratio Lower Upper
 278 100
 139 16.5 10.9 16.3
 279 28.3 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

