

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015676.D
 Acq On : 23 Jun 2023 17:46
 Operator : MA/JU
 Sample : 03084-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 23:54:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	172907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	692841	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	376611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	633169	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	565915	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	733438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12187	2.610	ng/uL	0.00
4) Pyridine-d5	3.875	84	11104m	0.916	ng/u1	0.04
7) Phenol-d5	7.246	99	206195	12.944	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	143142	15.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	177981	15.411	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	137132	10.489	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	85603	15.737	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	98785	15.903	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	153177	13.518	ng/u1	0.01
31) 4-Chloroaniline-d4	11.075	131	42988	2.643	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	495518	16.685	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	543660	16.742	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	33618	6.321	ng/u1	0.03
60) Fluorene-d10	15.728	176	370348	14.788	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	40805	10.173	ng/u1	0.01
73) Anthracene-d10	17.592	188	462600	16.058	ng/u1	0.00
81) Pyrene-d10	19.822	212	518237	17.110	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	594753	16.161	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	168985	4.501	ng/u1	99
36) 2-Methylnaphthalene	12.569	142	34344	1.301	ng/u1	93
50) Acenaphthylene	14.457	152	203544	5.660	ng/u1	99
72) Phenanthrene	17.534	178	284091	8.361	ng/u1	100
74) Anthracene	17.628	178	118096	3.425	ng/u1	99
80) Fluoranthene	19.492	202	848749	23.005	ng/u1	99
82) Pyrene	19.845	202	705684	18.488	ng/u1	99
85) Benzo(a)anthracene	21.569	228	564191	14.261	ng/u1	97
87) Chrysene	21.622	228	564128	15.086	ng/u1	95
90) Benzo(b)fluoranthene	23.357	252	1037147	21.907	ng/u1	98
91) Benzo(k)fluoranthene	23.404	252	373879m	8.170	ng/u1	
93) Benzo(a)pyrene	24.027	252	678250	16.432	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	638979	11.962	ng/u1	95
95) Dibenzo(a,h)anthracene	26.857	278	171395	3.938	ng/u1#	79
96) Benzo(g,h,i)perylene	27.692	276	577795	13.125	ng/u1	97

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

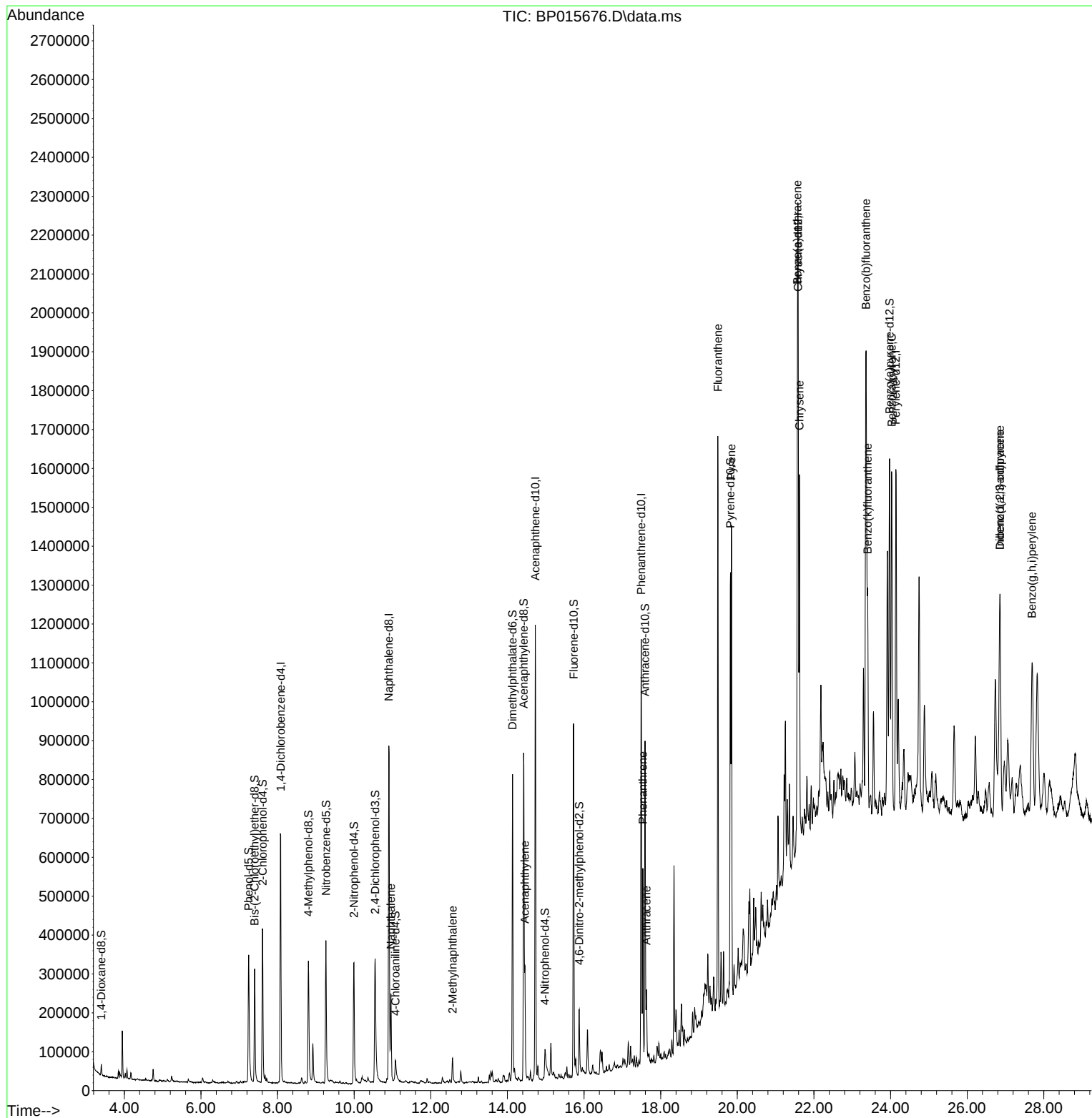
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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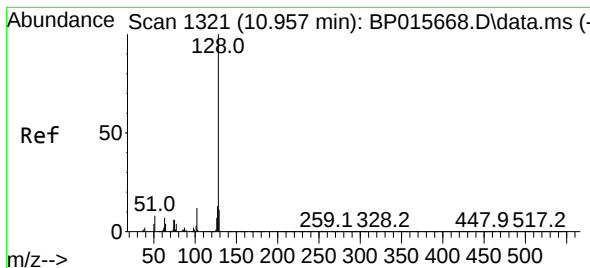
Instrument :
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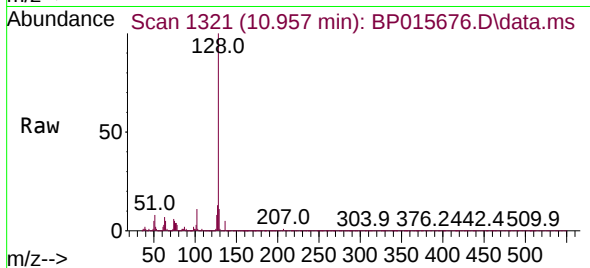
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023





#30
Naphthalene
Concen: 4.501 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

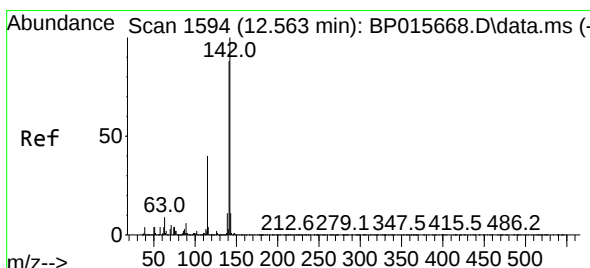
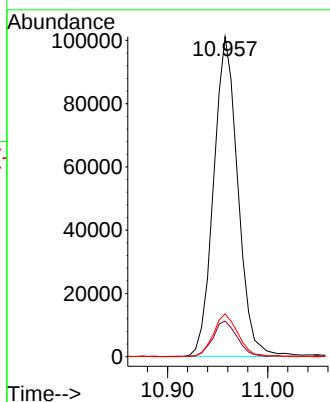
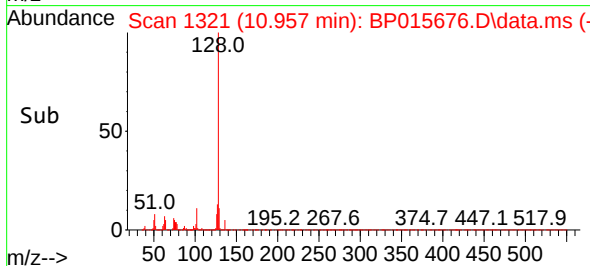
Instrument :
BNA_P
ClientSampleId :
DCFN1



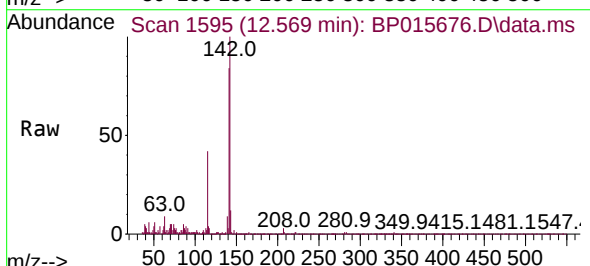
Tgt Ion:128 Resp: 16898
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.5 15.7

Manual Integrations
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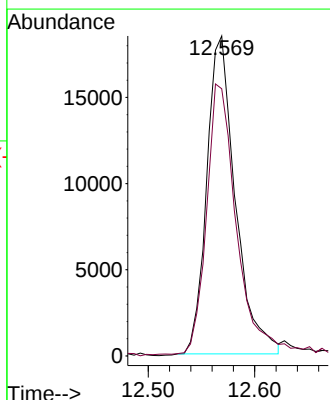
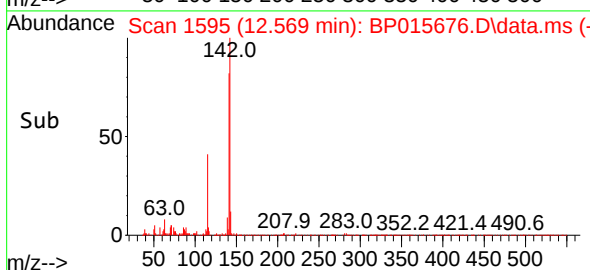
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

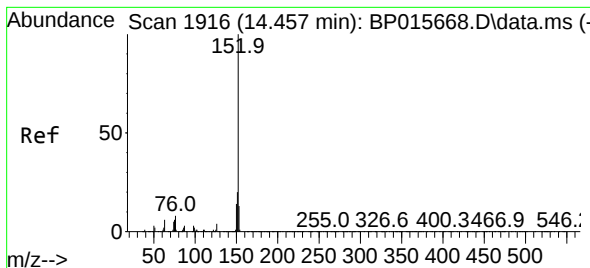


#36
2-Methylnaphthalene
Concen: 1.301 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46



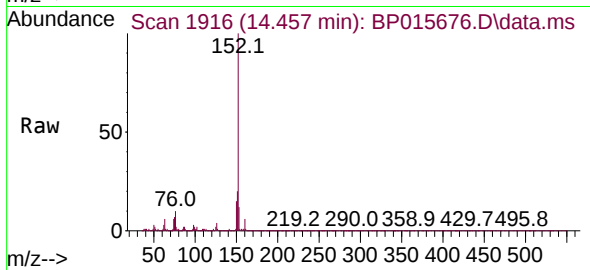
Tgt Ion:142 Resp: 34344
Ion Ratio Lower Upper
142 100
141 83.5 72.0 108.0





#50
Acenaphthylene
Concen: 5.660 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

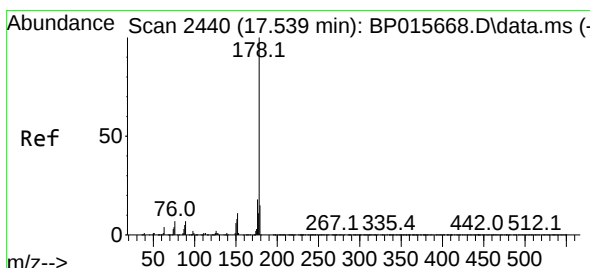
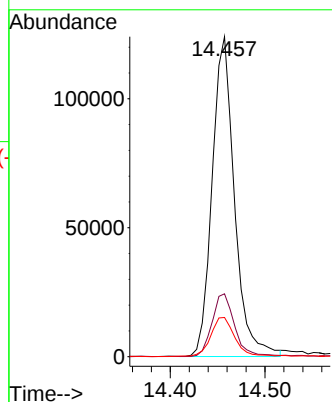
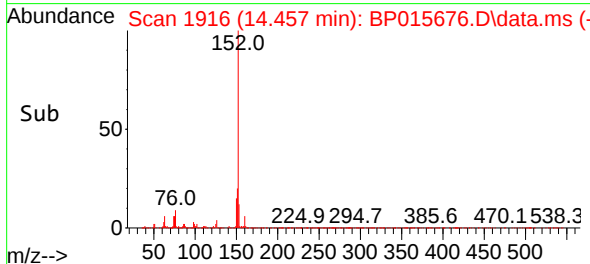
Instrument :
BNA_P
ClientSampleId :
DCFN1



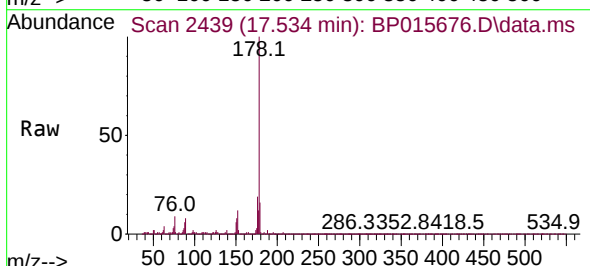
Tgt Ion:152 Resp: 203544
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 12.3 10.6 15.8

Manual Integrations
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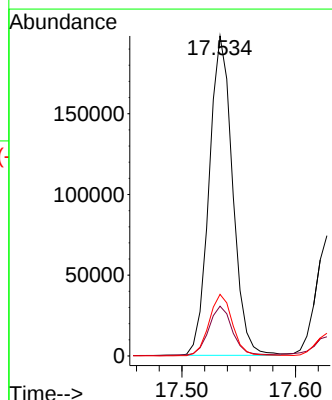
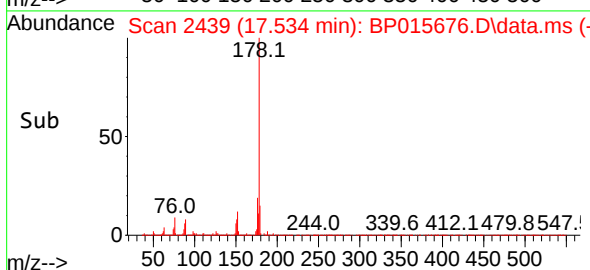
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

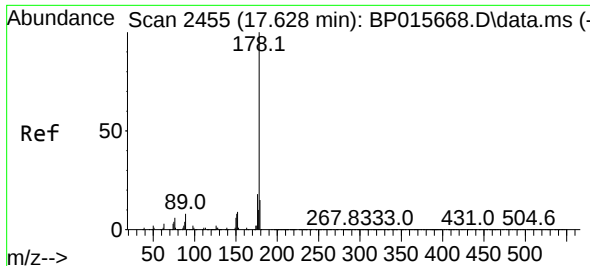


#72
Phenanthrene
Concen: 8.361 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46



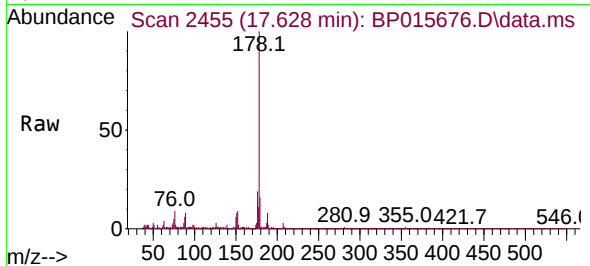
Tgt Ion:178 Resp: 284091
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.4 23.0





#74
 Anthracene
 Concen: 3.425 ng/ul
 RT: 17.628 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

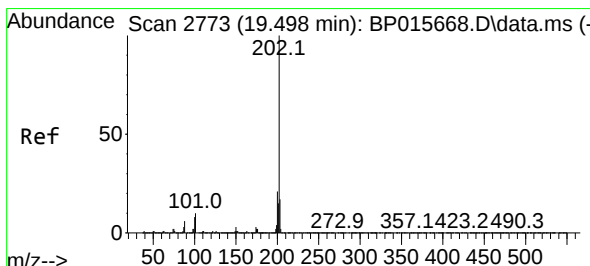
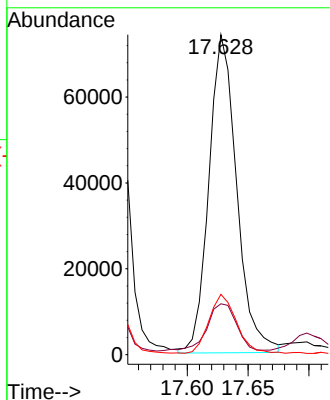
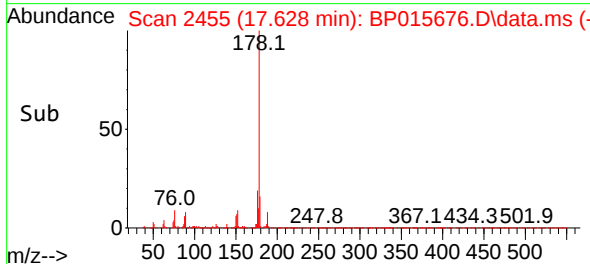
Instrument :
 BNA_P
 ClientSampleId :
 DCFN1



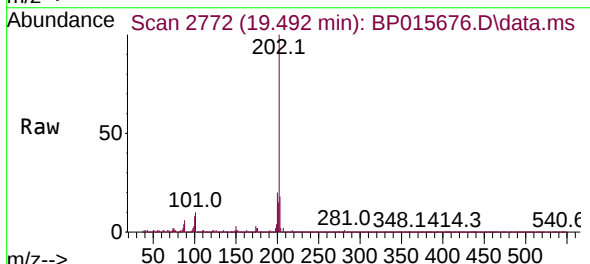
Tgt Ion:178 Resp: 118090
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.4 18.6
 176 18.8 15.0 22.4

Manual Integrations
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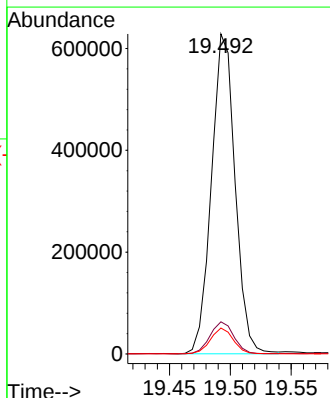
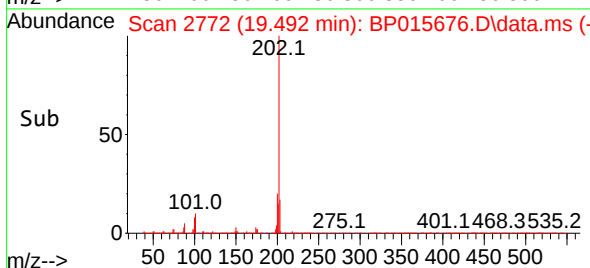
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

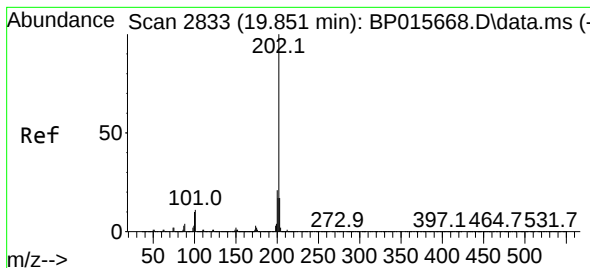


#80
 Fluoranthene
 Concen: 23.005 ng/ul
 RT: 19.492 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46



Tgt Ion:202 Resp: 848749
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.6 13.0
 100 8.1 6.6 9.8





#82

Pyrene

Concen: 18.488 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

Instrument :

BNA_P

ClientSampleId :

DCFN1

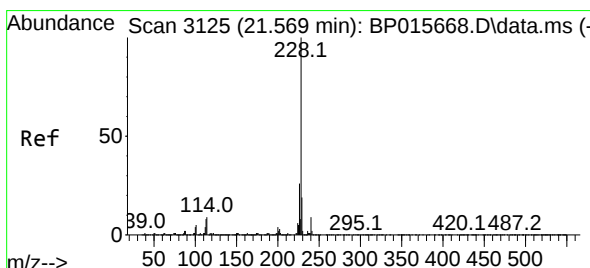
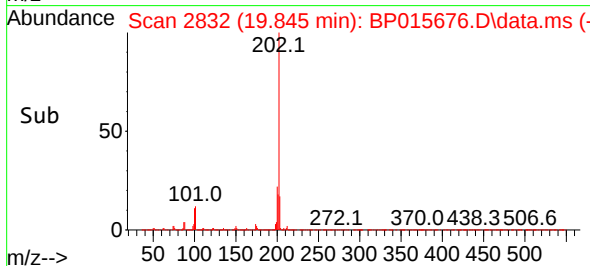
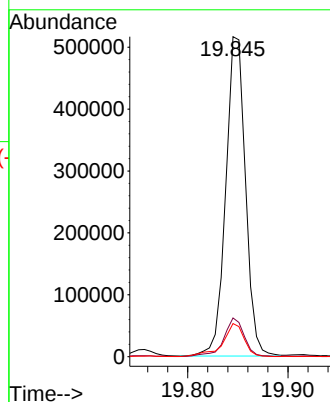
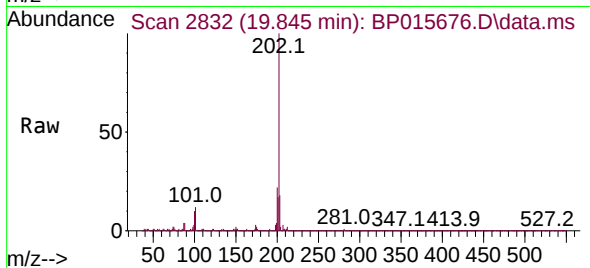
Tgt Ion:	202	Resp:	705684
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
100	10.4	8.4	12.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 14.261 ng/ul

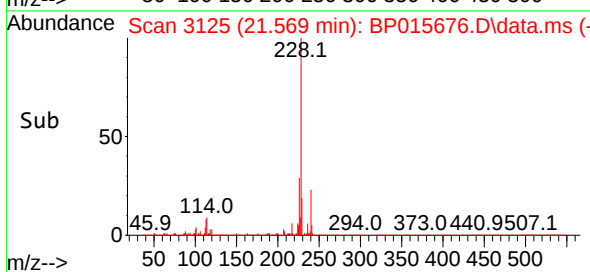
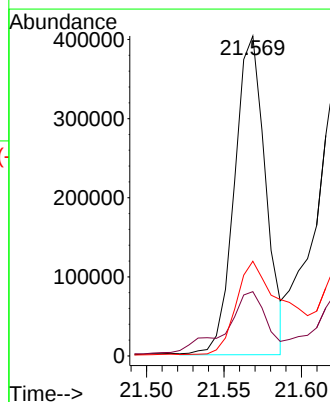
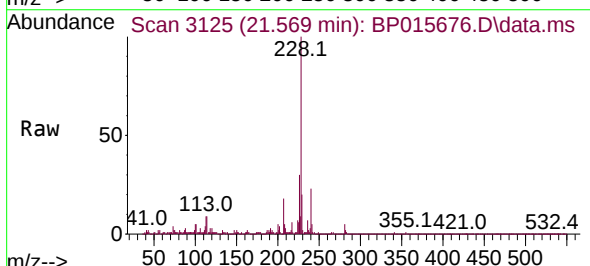
RT: 21.569 min Scan# 3125

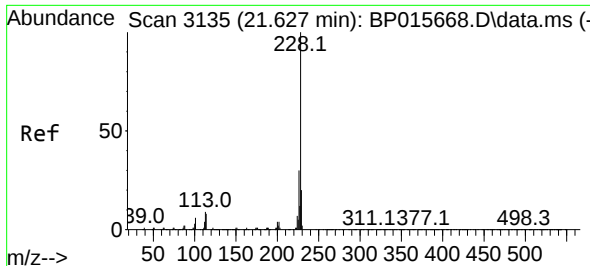
Delta R.T. 0.006 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

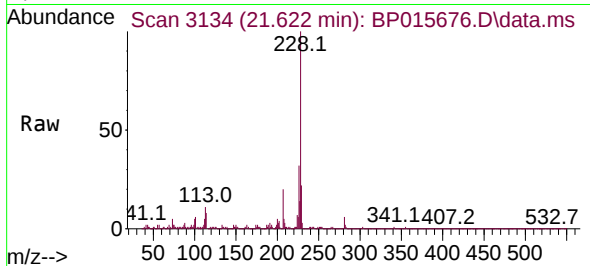
Tgt Ion:	228	Resp:	564191
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.8	23.6
226	29.6	21.8	32.6





#87
Chrysene
Concen: 15.086 ng/u1
RT: 21.622 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

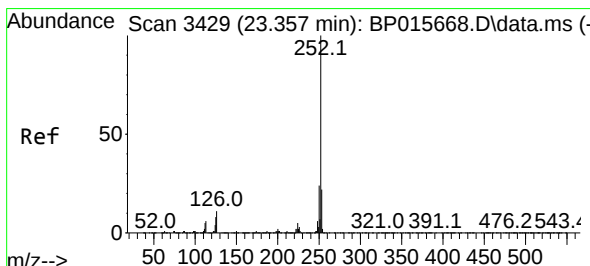
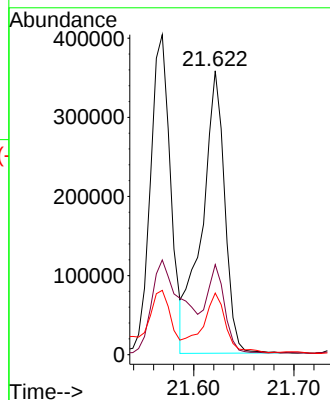
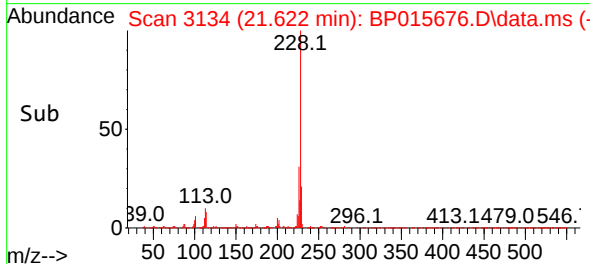
Instrument :
BNA_P
ClientSampleId :
DCFN1



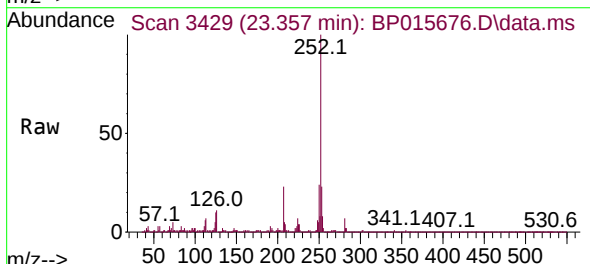
Tgt Ion:228 Resp: 564128
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 21.7 15.1 22.7

Manual Integrations
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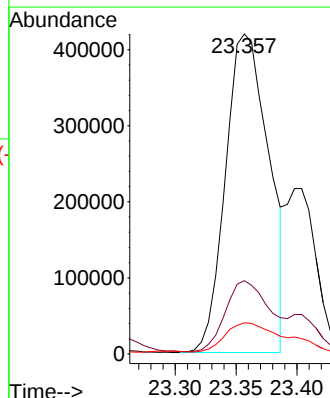
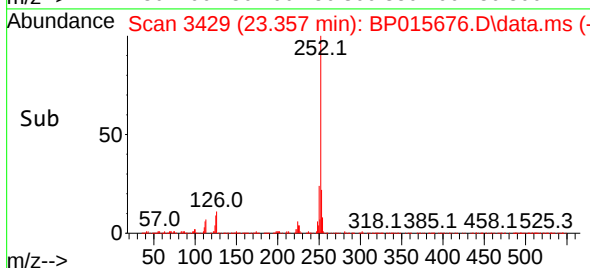
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

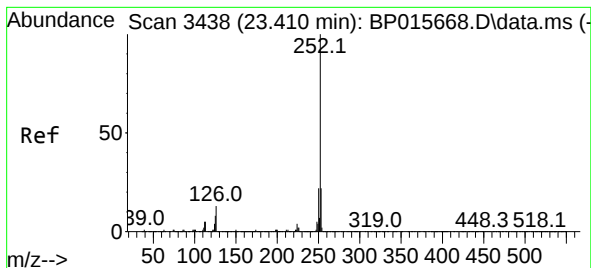


#90
Benzo(b)fluoranthene
Concen: 21.907 ng/u1
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46



Tgt Ion:252 Resp: 1037147
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.8 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 8.170 ng/ul m

RT: 23.404 min Scan# 3438

Delta R.T. 0.006 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

Instrument :

BNA_P

ClientSampleId :

DCFN1

Tgt Ion:252 Resp: 373879

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

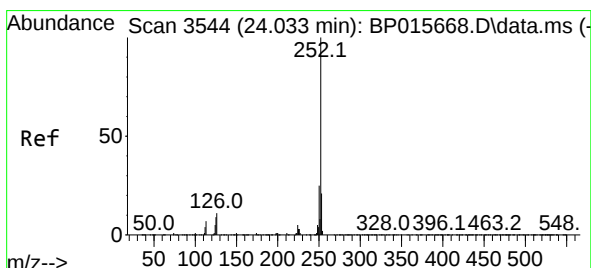
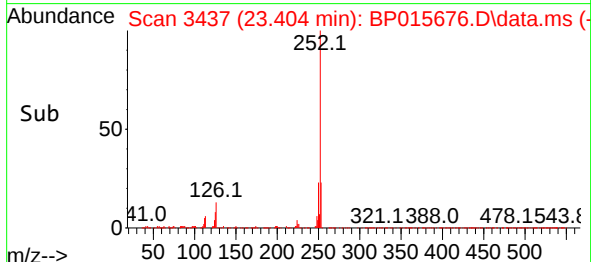
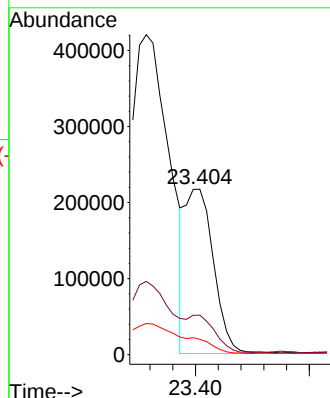
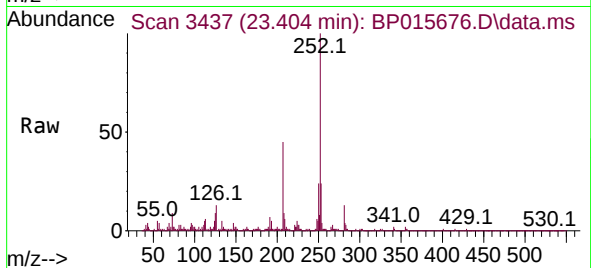
125 9.3 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#93

Benzo(a)pyrene

Concen: 16.432 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

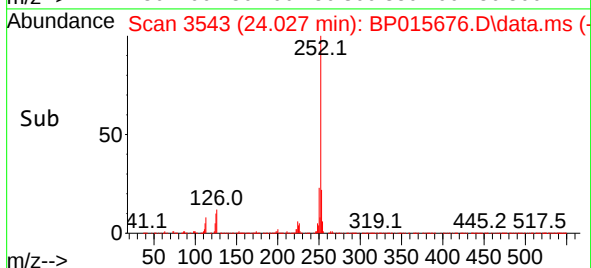
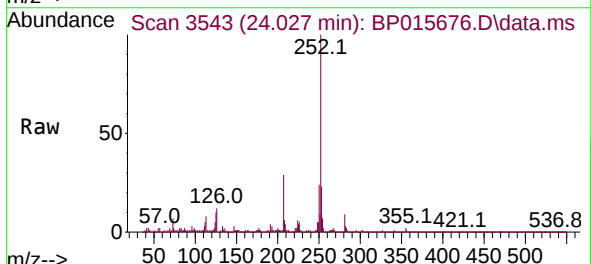
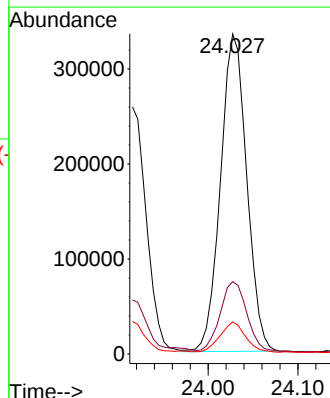
Tgt Ion:252 Resp: 678250

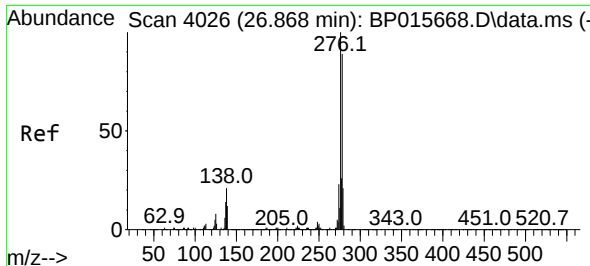
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

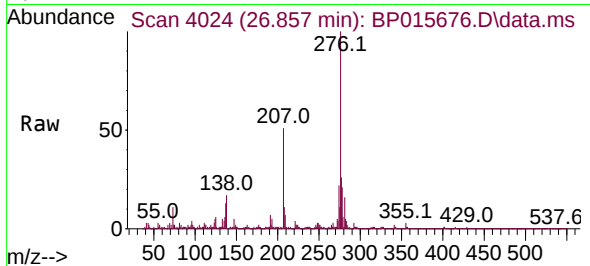
125 10.0 8.1 12.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 11.962 ng/ul
RT: 26.857 min Scan# 4024
Delta R.T. 0.018 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

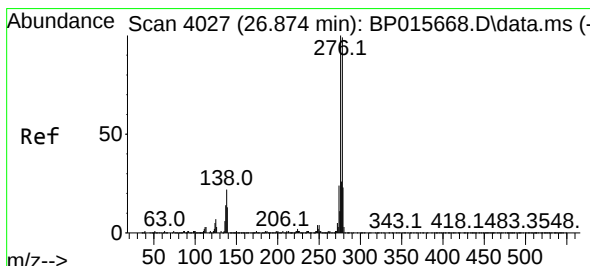
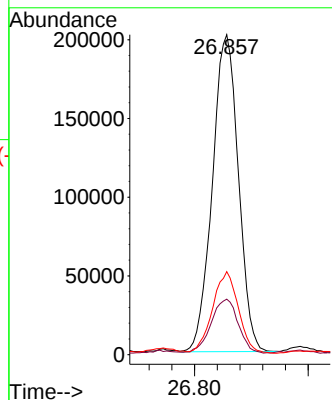
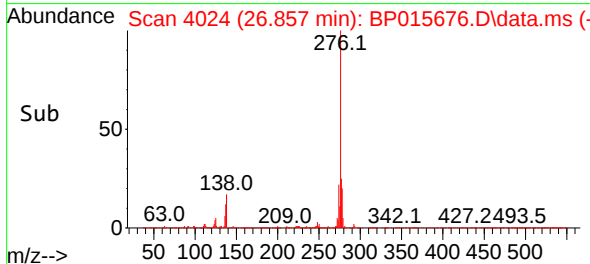
Instrument :
BNA_P
ClientSampleId :
DCFN1



Tgt Ion:276 Resp: 638979
Ion Ratio Lower Upper
276 100
138 17.3 17.3 25.9
277 25.9 20.2 30.2

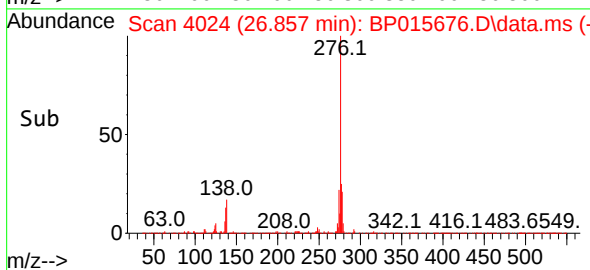
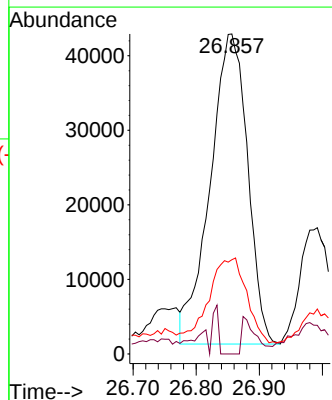
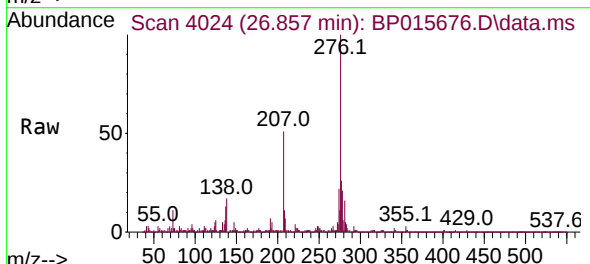
Manual Integrations
APPROVED

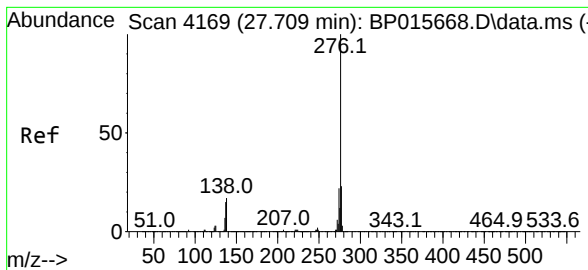
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#95
Dibenzo(a,h)anthracene
Concen: 3.938 ng/ul
RT: 26.857 min Scan# 4024
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

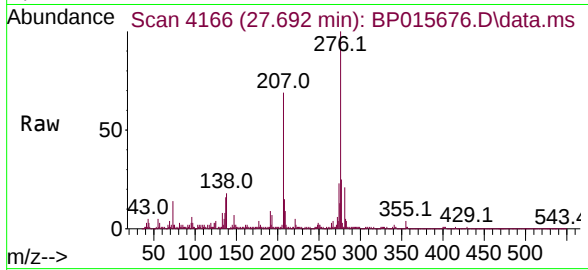
Tgt Ion:278 Resp: 171395
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 29.4 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 13.125 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

Instrument :
 BNA_P
 ClientSampleId :
 DCFN1



Tgt Ion:276 Resp: 57779
 Ion Ratio Lower Upper
 276 100
 138 18.3 15.6 23.4
 277 25.2 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

