

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015827.D
 Acq On : 30 Jun 2023 00:51
 Operator : MA/JU
 Sample : 03161-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 02:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	248111	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1055424	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	632778	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1343088	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	870397	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	962267	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19933	2.890	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	337855	15.915	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	235237	17.911	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	278755	17.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	215739	12.864	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	132225	16.393	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	143153	15.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	235148	14.017	ng/u1	0.03
31) 4-Chloroaniline-d4	11.081	131	102354m	4.750	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	798215	16.320	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	931411	16.941	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	76824m	11.903	ng/u1	0.04
60) Fluorene-d10	15.704	176	695350	17.267	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	55505	6.720	ng/u1	0.01
73) Anthracene-d10	17.563	188	1045135	17.036	ng/u1	0.00
81) Pyrene-d10	19.792	212	1089758	19.174	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	828068	17.059	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.934	128	66367	1.157	ng/u1	98
50) Acenaphthylene	14.434	152	177668	2.933	ng/u1	100
52) Acenaphthene	14.769	153	68087	1.621	ng/u1	97
61) Fluorene	15.763	166	68716	1.453	ng/u1	97
72) Phenanthrene	17.510	178	1696730	23.254	ng/u1	99
74) Anthracene	17.604	178	405645	5.533	ng/u1	98
80) Fluoranthene	19.469	202	4432683	62.755	ng/u1#	95
82) Pyrene	19.822	202	3575099	49.618	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	1935485	31.611	ng/u1	97
87) Chrysene	21.592	228	2046284	35.226	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	3255737	52.656	ng/u1#	95
91) Benzo(k)fluoranthene	23.363	252	1149330m	18.398	ng/u1	
93) Benzo(a)pyrene	23.986	252	2204237	40.799	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1853256	25.269	ng/u1	96
95) Dibenzo(a,h)anthracene	26.798	278	496271	8.238	ng/u1#	79
96) Benzo(g,h,i)perylene	27.639	276	1589783	26.349	ng/u1#	94

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

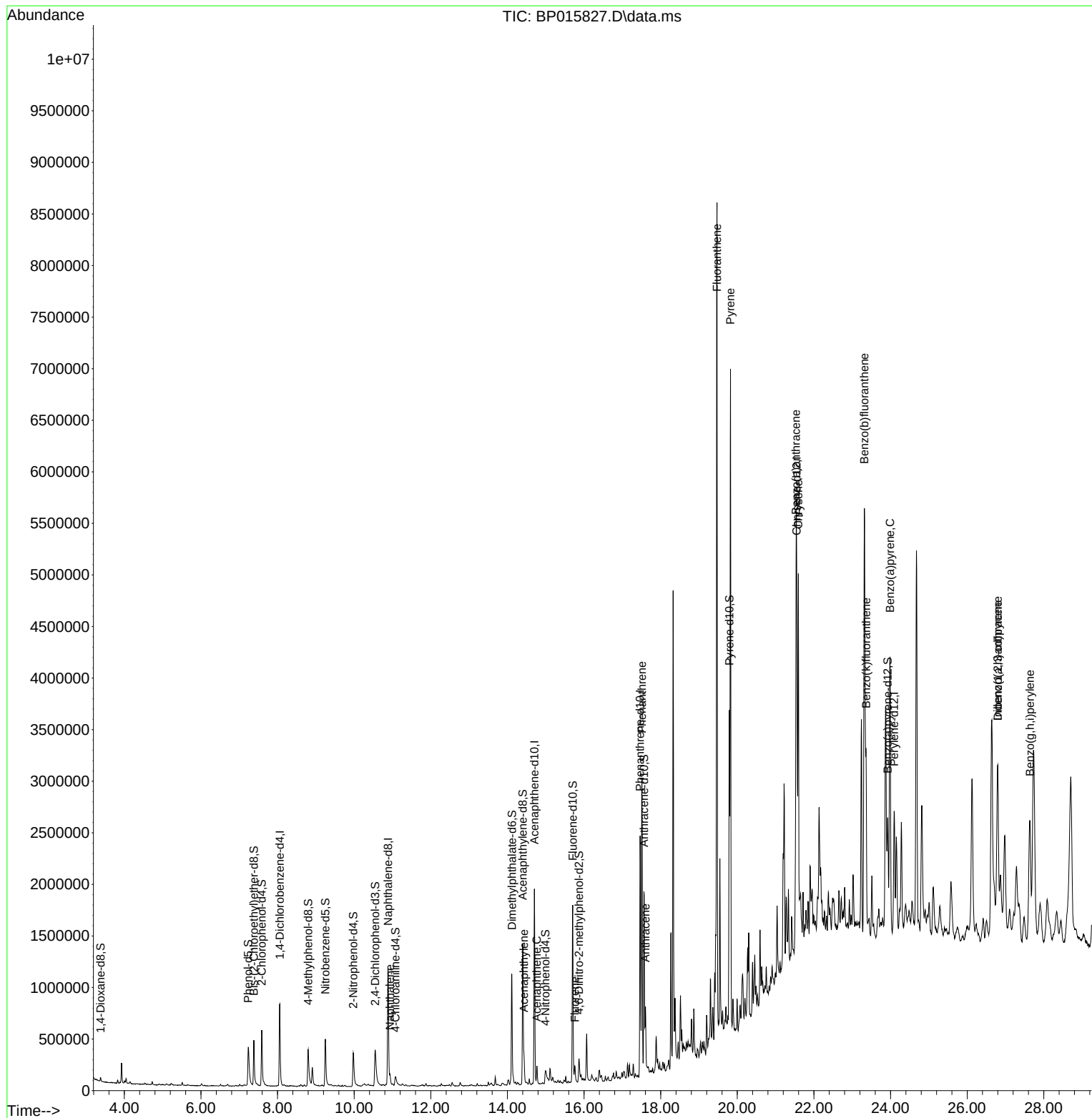
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015827.D
 Acq On : 30 Jun 2023 00:51
 Operator : MA/JU
 Sample : 03161-10
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 ALS Vial : 31 Sample Multiplier: 1

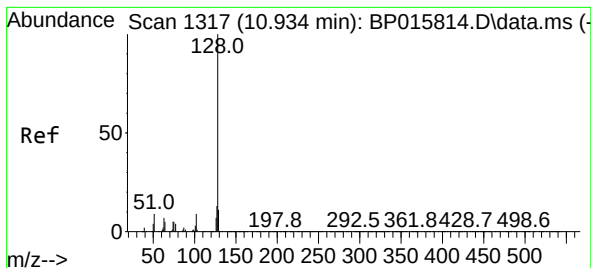
Instrument :
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Quant Time: Jun 30 02:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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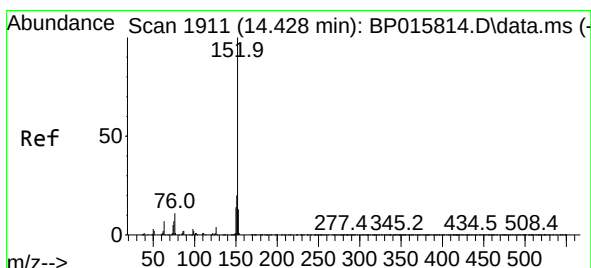
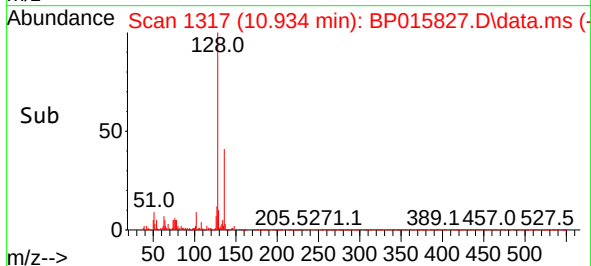
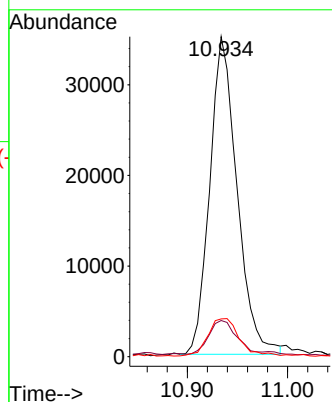
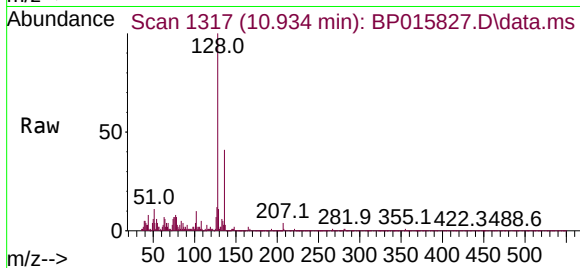
#30
Naphthalene
Concen: 1.157 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

Instrument :
BNA_P
ClientSampleId :
DCFV6

Tgt Ion:	128	Resp:	6636
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	11.8	10.3	15.5

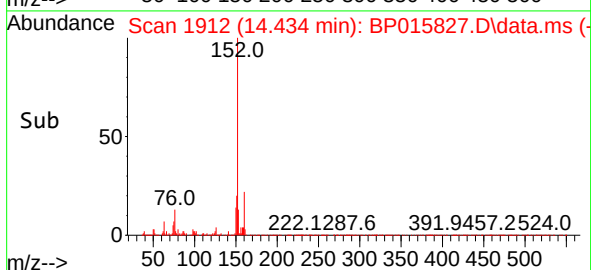
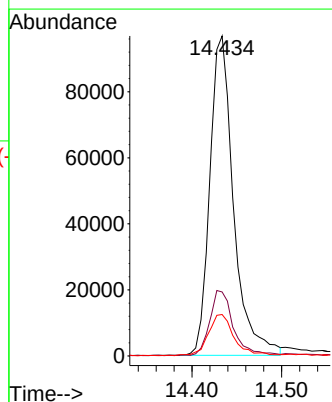
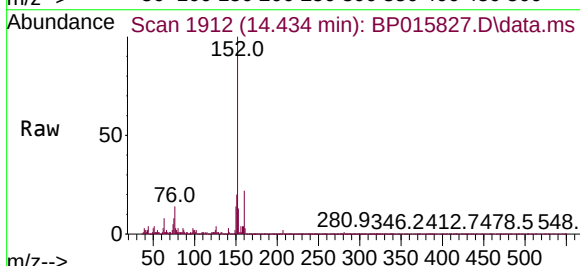
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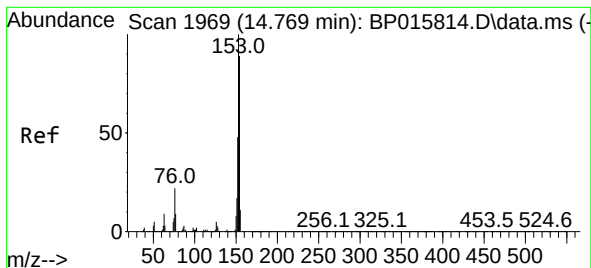
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#50
Acenaphthylene
Concen: 2.933 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

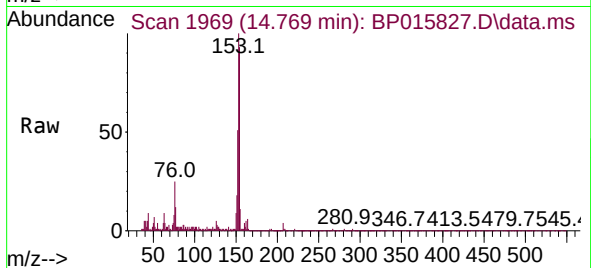
Tgt Ion:	152	Resp:	177668
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	12.9	10.5	15.7





#52
Acenaphthene
Concen: 1.621 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

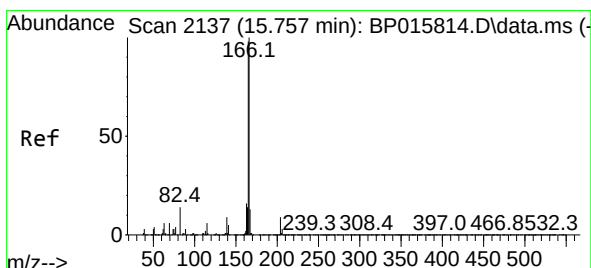
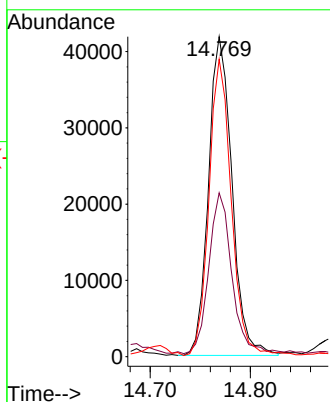
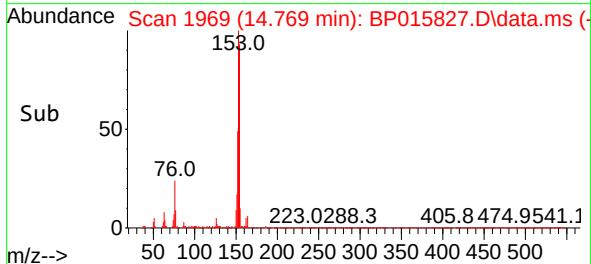
Instrument :
BNA_P
ClientSampleId :
DCFV6



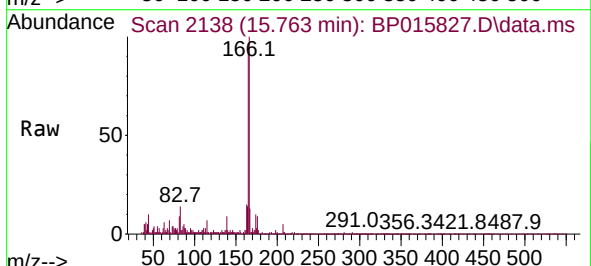
Tgt Ion:153 Resp: 6808
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.2
154 92.9 71.4 107.2

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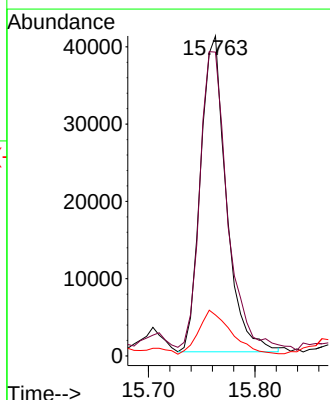
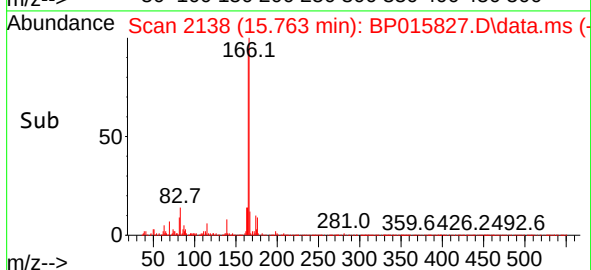
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

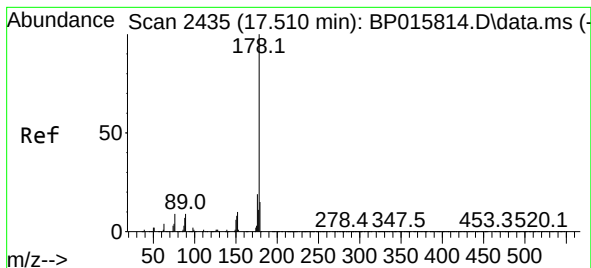


#61
Fluorene
Concen: 1.453 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51



Tgt Ion:166 Resp: 68716
Ion Ratio Lower Upper
166 100
165 95.0 78.7 118.1
167 12.8 10.5 15.7





#72

Phenanthrene

Concen: 23.254 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015827.D

Acq: 30 Jun 2023 00:51

Instrument :

BNA_P

ClientSampleId :

DCF6

Tgt Ion:178 Resp: 1696730

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

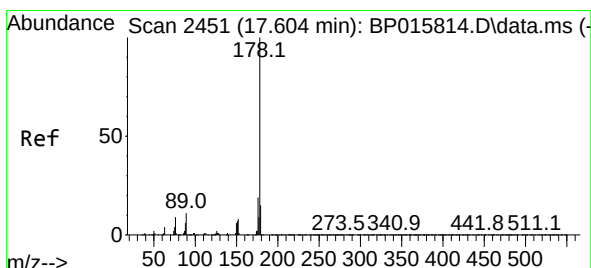
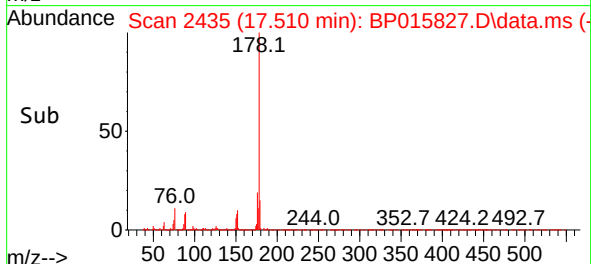
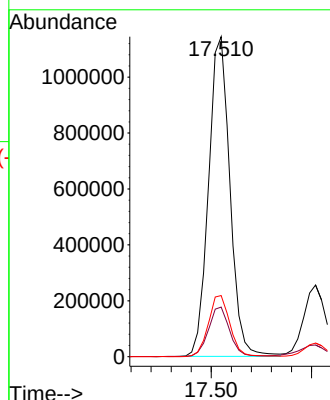
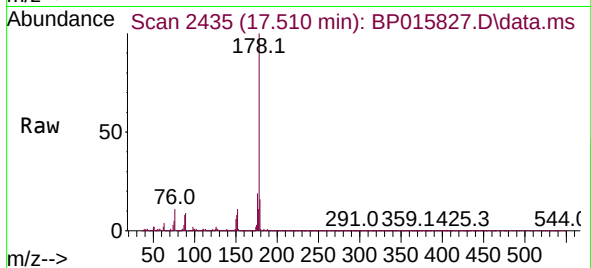
176 19.1 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#74

Anthracene

Concen: 5.533 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BP015827.D

Acq: 30 Jun 2023 00:51

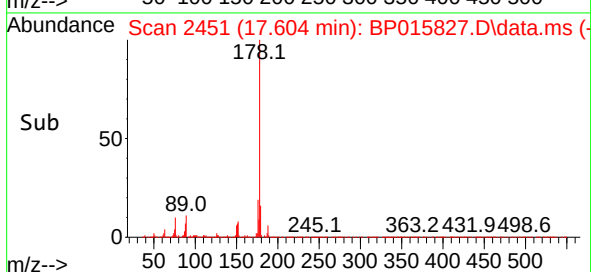
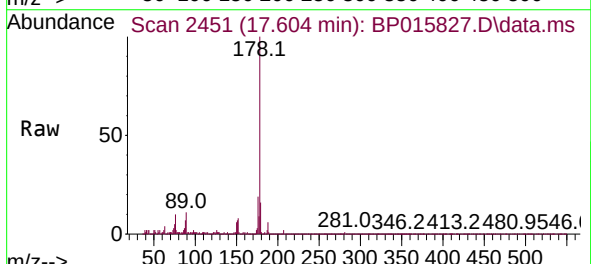
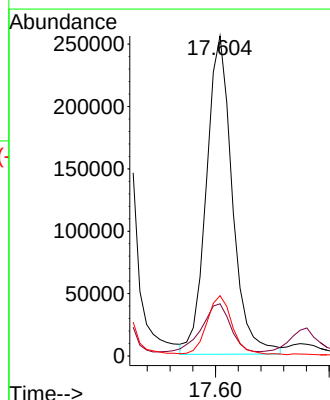
Tgt Ion:178 Resp: 405645

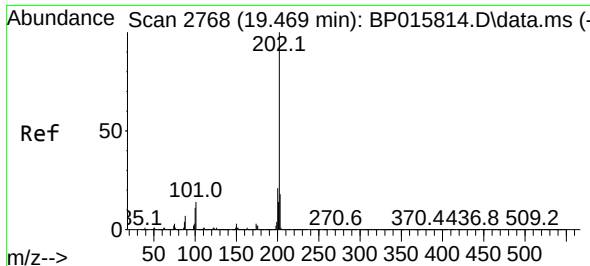
Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

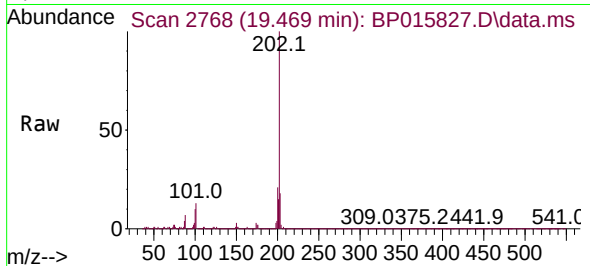
176 18.9 14.6 22.0





#80
Fluoranthene
Concen: 62.755 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

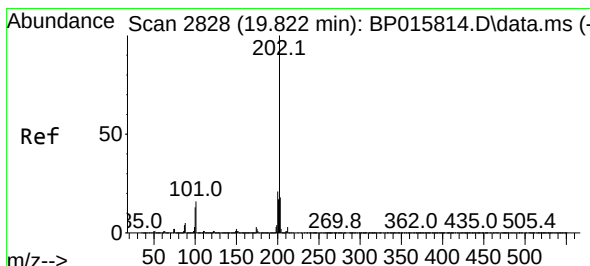
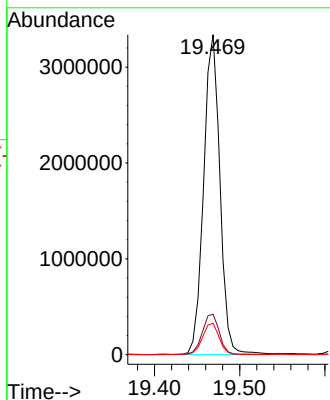
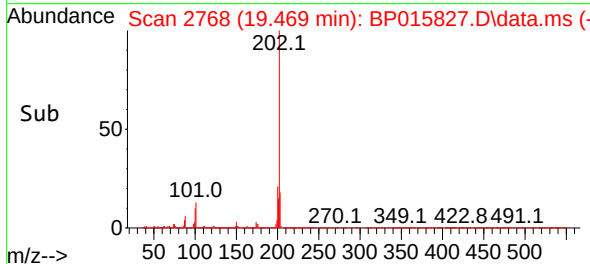
Instrument :
BNA_P
ClientSampleId :
DCFW6



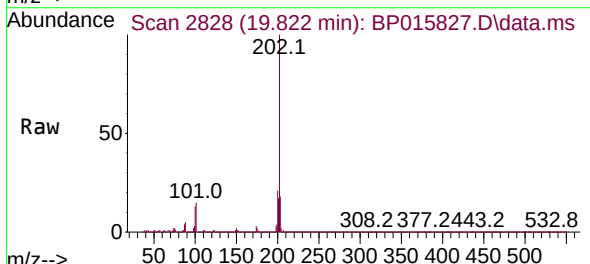
Tgt Ion:202 Resp: 4432683
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5#
100 9.8 6.6 9.8

Manual Integrations
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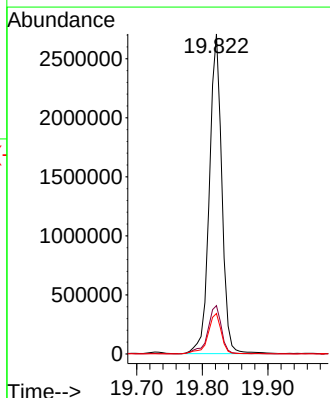
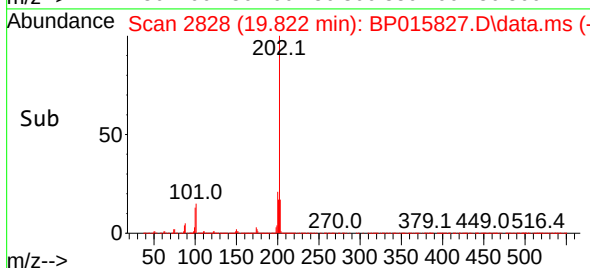
Reviewed By :Yogesh Patel 06/30/2023
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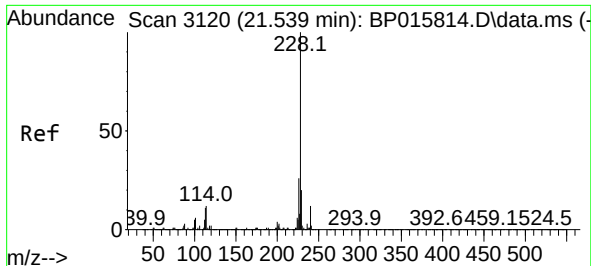


#82
Pyrene
Concen: 49.618 ng/u1
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51



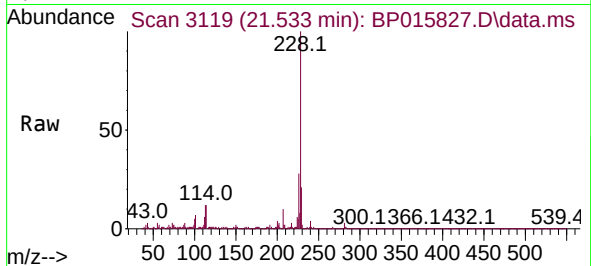
Tgt Ion:202 Resp: 3575099
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9#
100 12.6 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 31.611 ng/u1
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

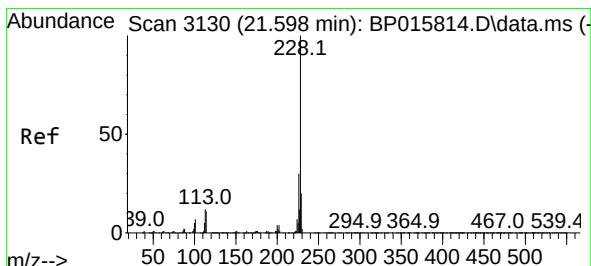
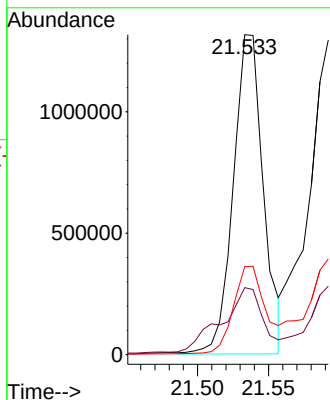
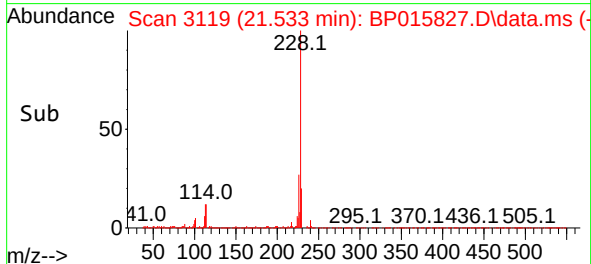
Instrument :
BNA_P
ClientSampleId :
DCFV6



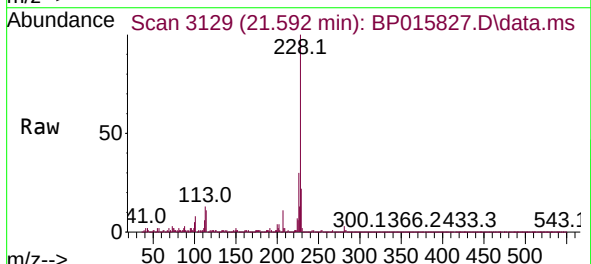
Tgt Ion:228 Resp: 193548
Ion Ratio Lower Upper
228 100
229 20.9 15.3 22.9
226 27.5 21.4 32.0

Manual Integrations
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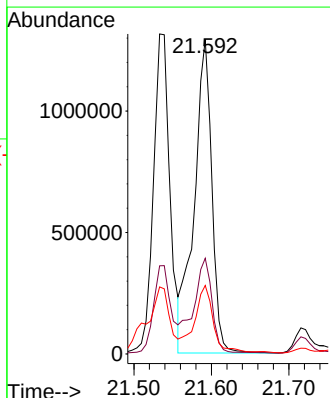
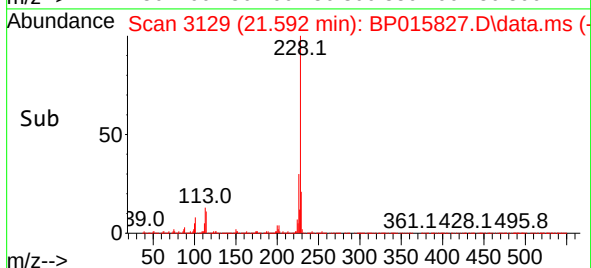
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

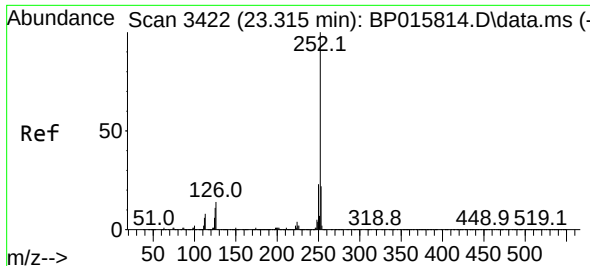


#87
Chrysene
Concen: 35.226 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51



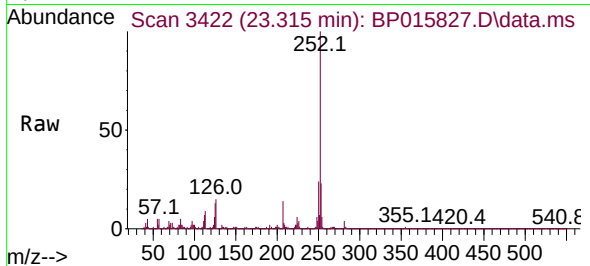
Tgt Ion:228 Resp: 2046284
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 52.656 ng/ul
RT: 23.315 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

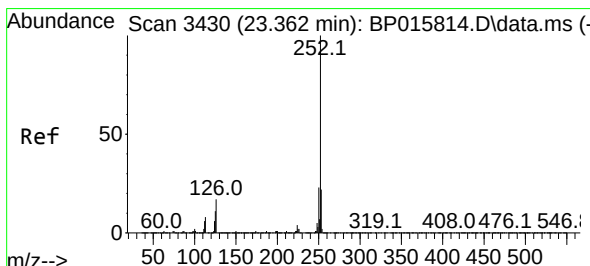
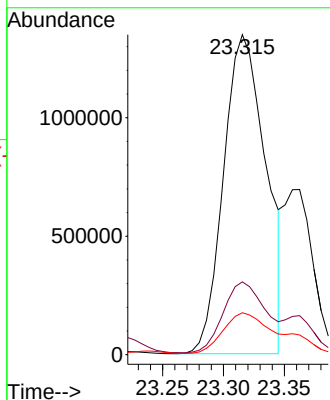
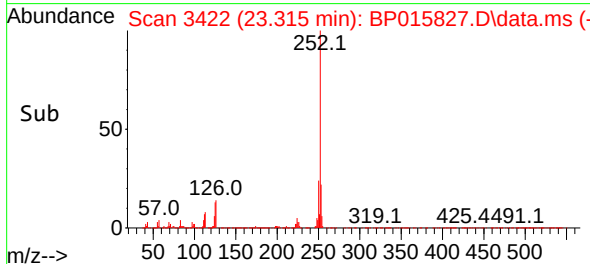
Instrument :
BNA_P
ClientSampleId :
DCFV6



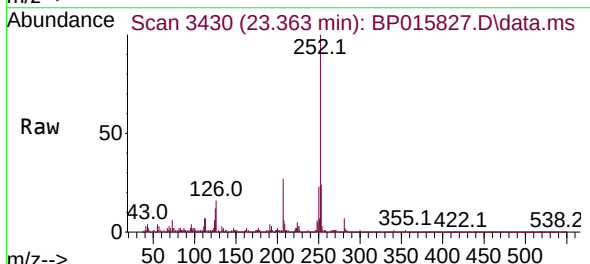
Tgt Ion:252 Resp: 325573
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.1 7.5 11.3

Manual Integrations
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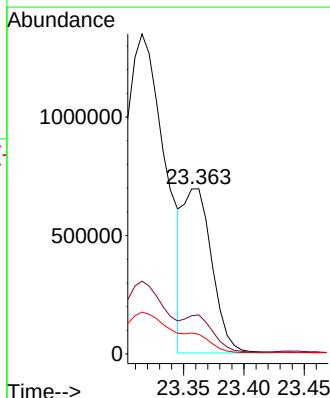
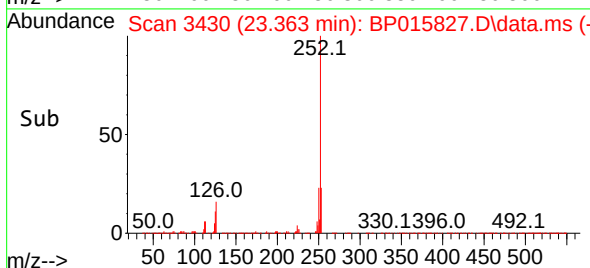
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

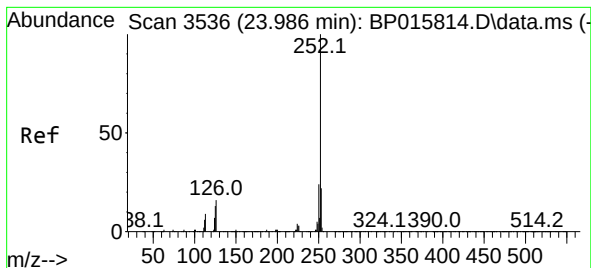


#91
Benzo(k)fluoranthene
Concen: 18.398 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51



Tgt Ion:252 Resp: 1149330
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 11.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 40.799 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015827.D

Acq: 30 Jun 2023 00:51

Instrument :

BNA_P

ClientSampleId :

DCFV6

Tgt Ion:252 Resp: 220423

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

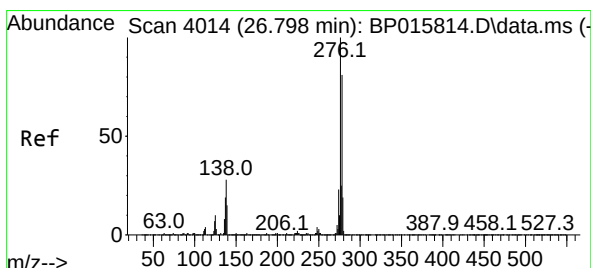
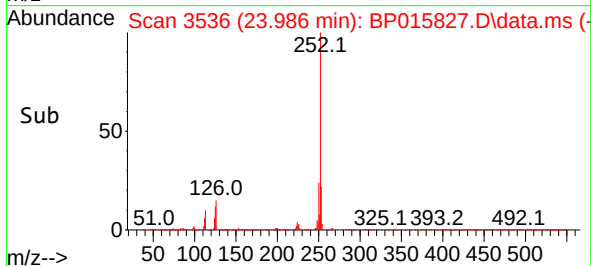
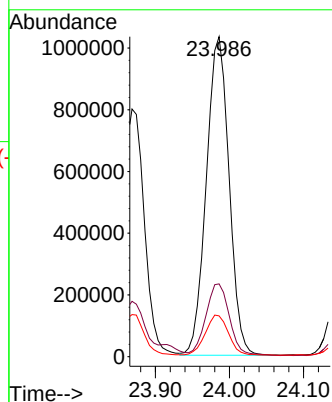
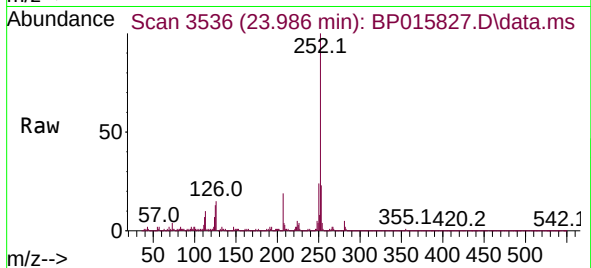
125 12.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.269 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015827.D

Acq: 30 Jun 2023 00:51

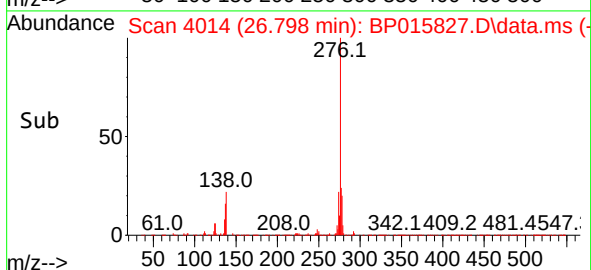
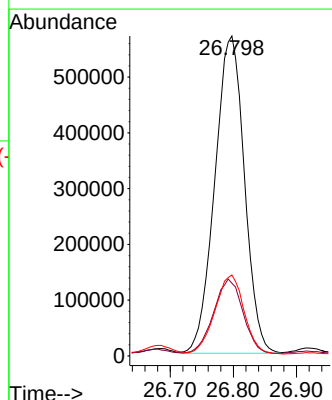
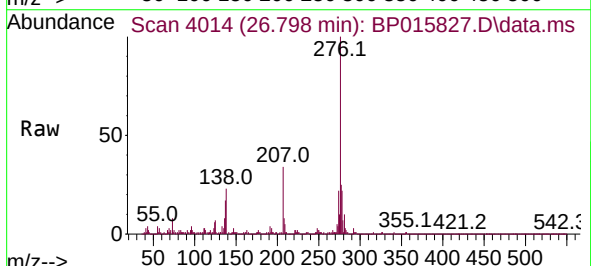
Tgt Ion:276 Resp: 1853256

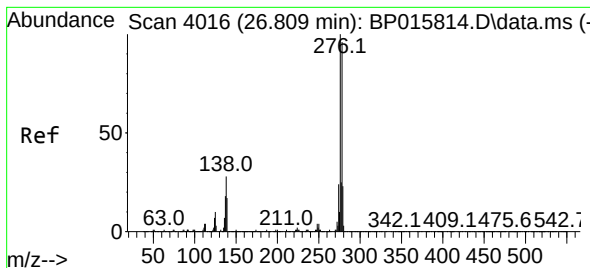
Ion Ratio Lower Upper

276 100

138 22.8 15.7 23.5

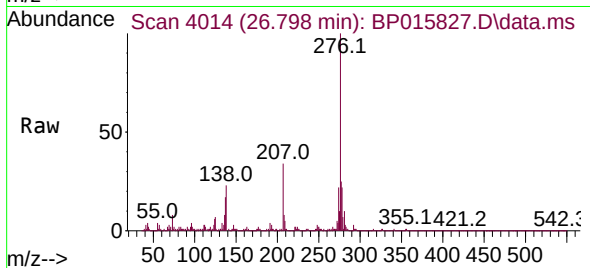
277 25.3 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 8.238 ng/ul
RT: 26.798 min Scan# 4016
Delta R.T. -0.012 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

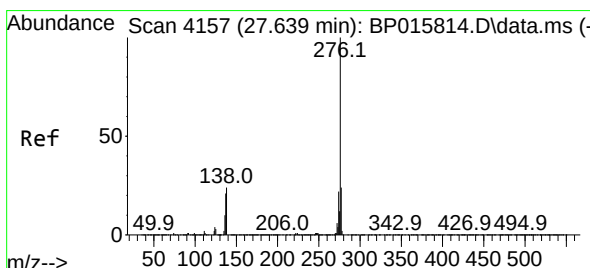
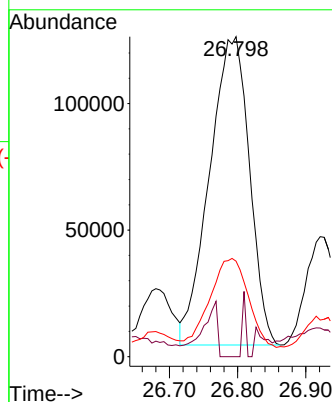
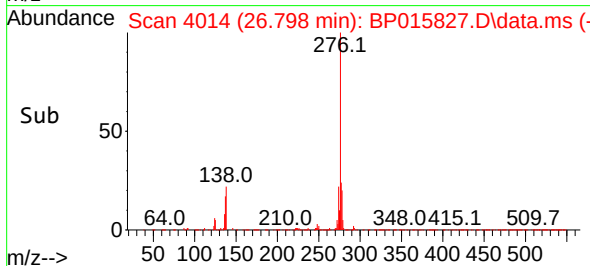
Instrument :
BNA_P
ClientSampleId :
DCF6



Tgt Ion:278 Resp: 49627
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 29.9 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#96
Benzo(g,h,i)perylene
Concen: 26.349 ng/ul
RT: 27.639 min Scan# 4157
Delta R.T. 0.006 min
Lab File: BP015827.D
Acq: 30 Jun 2023 00:51

Tgt Ion:276 Resp: 1589783
Ion Ratio Lower Upper
276 100
138 24.1 15.1 22.7
277 24.5 18.8 28.2

