

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015911.D
 Acq On : 02 Jul 2023 07:14
 Operator : MA/JU
 Sample : 03243-11
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 08:04:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	250214	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1106579	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	669812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1396153	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	942181	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1001053	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	33730	4.850	ng/uL	0.00
4) Pyridine-d5	3.816	84	388010	22.133	ng/ul	0.00
7) Phenol-d5	7.228	99	652581	30.482	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	445353	33.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	524339	32.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	484396	28.641	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	261584	30.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	292737	29.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	489447	27.827	ng/ul	0.02
31) 4-Chloroaniline-d4	11.045	131	443250	19.618	ng/ul	0.02
46) Dimethylphthalate-d6	14.104	166	1618652	31.265	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1872224	32.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	180736	26.454	ng/ul	0.03
60) Fluorene-d10	15.692	176	1367763	32.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	153456	17.872	ng/ul	0.00
73) Anthracene-d10	17.563	188	2012766	31.561	ng/ul	0.00
81) Pyrene-d10	19.786	212	2113248	34.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1639763	32.472	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.928	128	145676	2.422	ng/ul	98
36) 2-Methylnaphthalene	12.540	142	169868	4.290	ng/ul	99
37) 1-Methylnaphthalene	12.751	142	126718	3.137	ng/ul	97
50) Acenaphthylene	14.422	152	196766	3.068	ng/ul	97
72) Phenanthrene	17.498	178	530421	6.993	ng/ul	100
74) Anthracene	17.598	178	234620	3.078	ng/ul	98
80) Fluoranthene	19.463	202	1526655	19.967	ng/ul#	93
82) Pyrene	19.816	202	1526718	19.575	ng/ul#	92
85) Benzo(a)anthracene	21.527	228	1052760	15.884	ng/ul	97
87) Chrysene	21.586	228	1165176	18.530	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	1874170	29.137	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	671468m	10.332	ng/ul	
93) Benzo(a)pyrene	23.974	252	990029	17.615	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	877059	11.495	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	241225	3.849	ng/ul#	78
96) Benzo(g,h,i)perylene	27.621	276	722496	11.511	ng/ul#	95

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

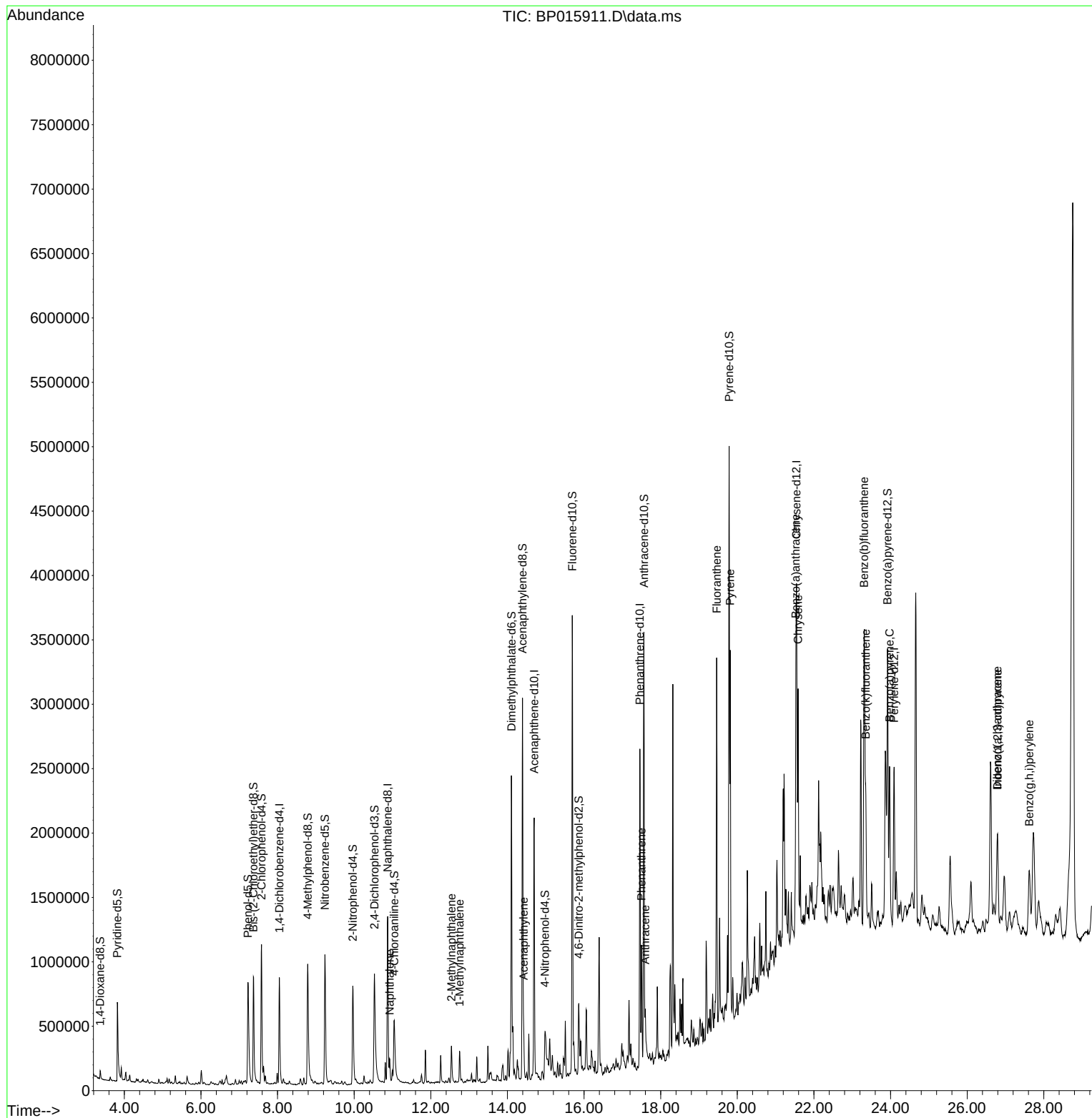
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015911.D
Acq On : 02 Jul 2023 07:14
Operator : MA/JU
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ALS Vial : 78 Sample Multiplier: 1

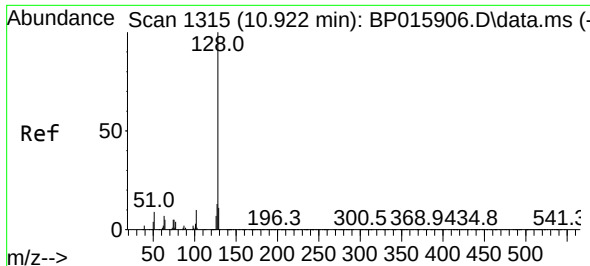
Instrument :
BNA_P
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DCGD1

Quant Time: Jul 02 08:04:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

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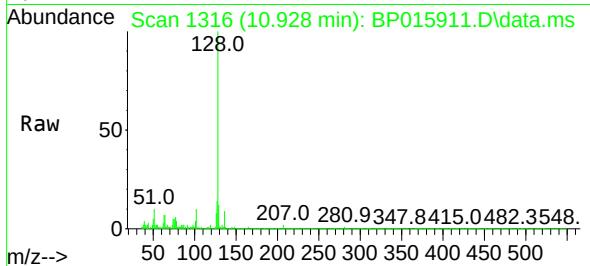
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023





#30
Naphthalene
Concen: 2.422 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

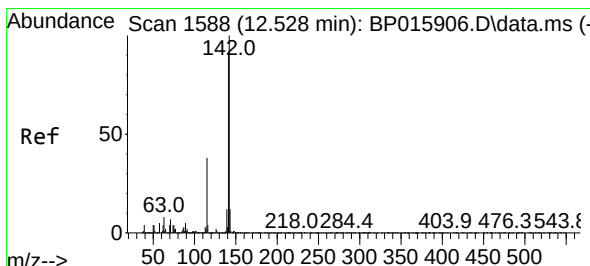
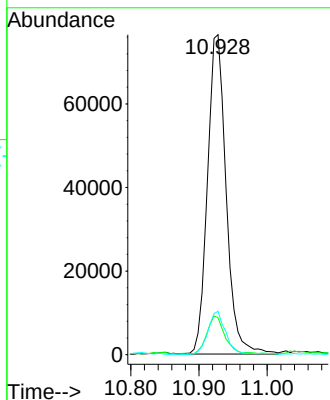
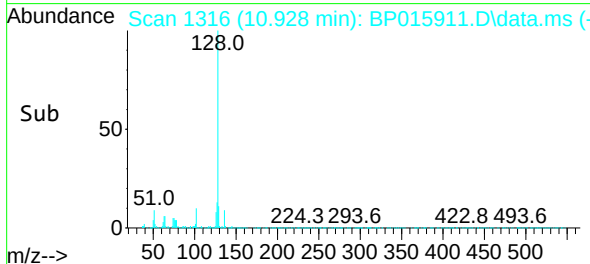
Instrument :
BNA_P
ClientSampleId :
DCGD1



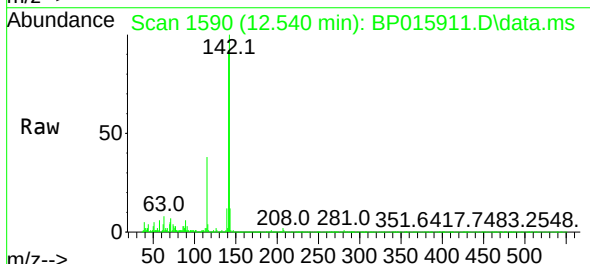
Tgt Ion:128 Resp: 145670
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.5 10.3 15.5

Manual Integrations
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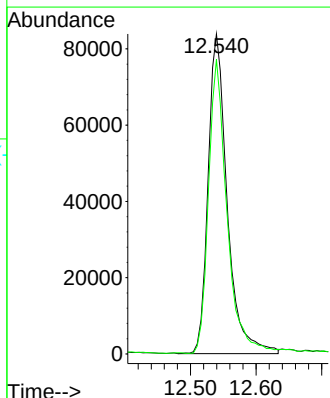
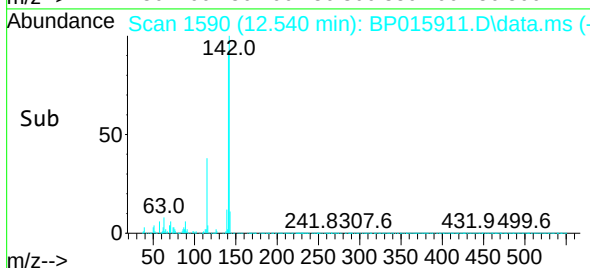
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

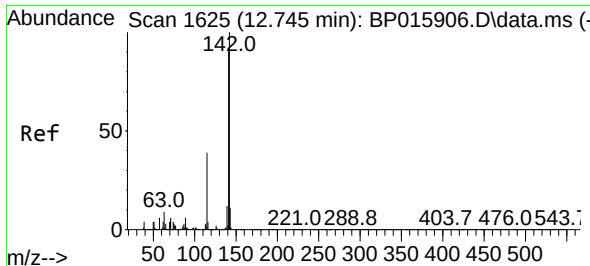


#36
2-Methylnaphthalene
Concen: 4.290 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14



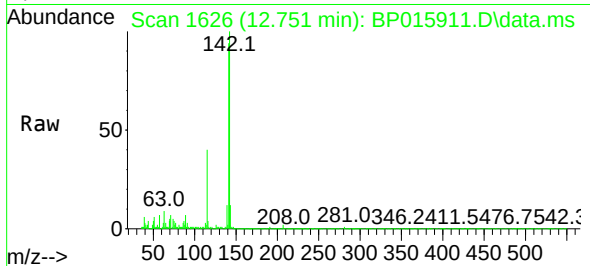
Tgt Ion:142 Resp: 169868
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8





#37
1-Methylnaphthalene
Concen: 3.137 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. 0.006 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

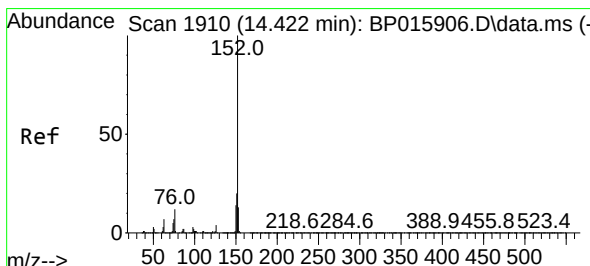
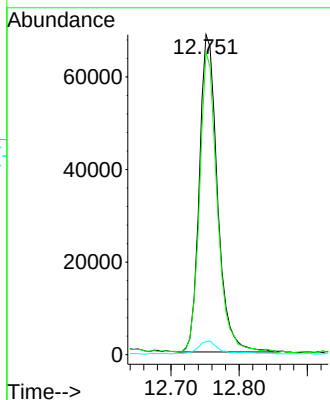
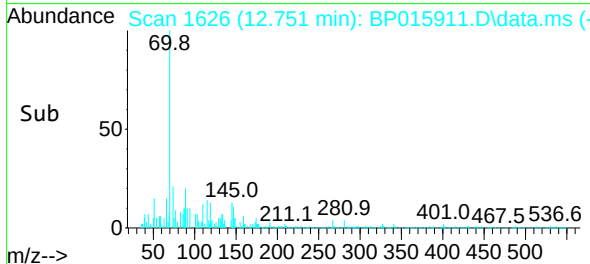
Instrument :
BNA_P
ClientSampleId :
DCGD1



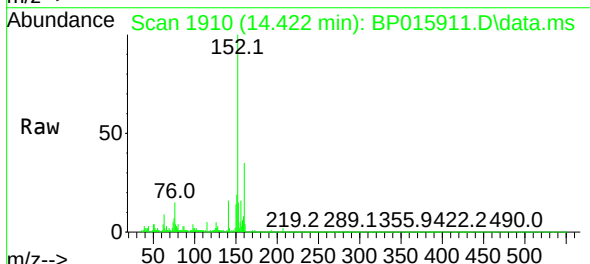
Tgt Ion:142 Resp: 126718
Ion Ratio Lower Upper
142 100
141 94.5 73.1 109.7
116 4.1 4.0 6.0

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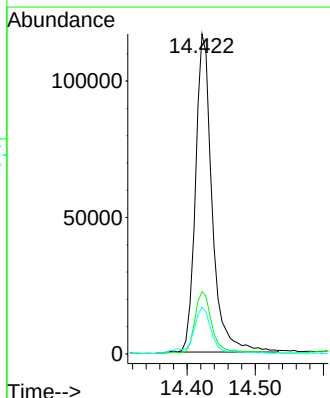
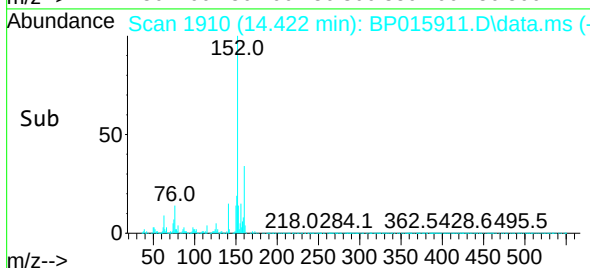
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

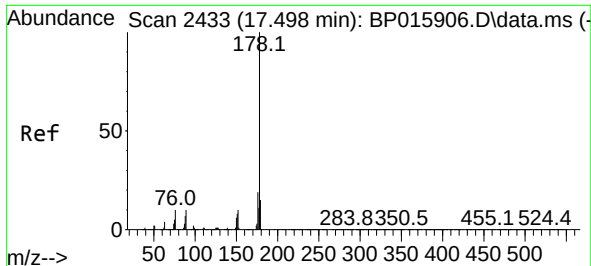


#50
Acenaphthylene
Concen: 3.068 ng/ul
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14



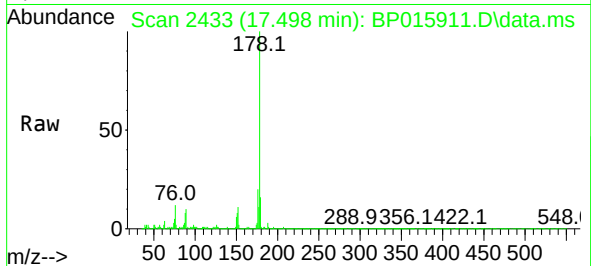
Tgt Ion:152 Resp: 196766
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 14.6 10.5 15.7





#72
Phenanthrene
Concen: 6.993 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

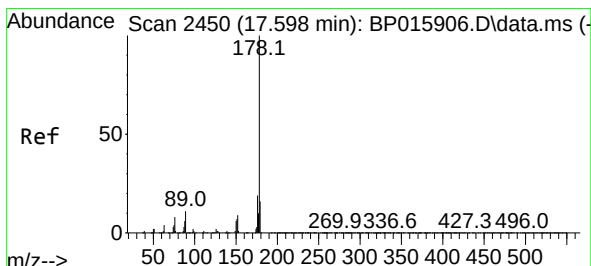
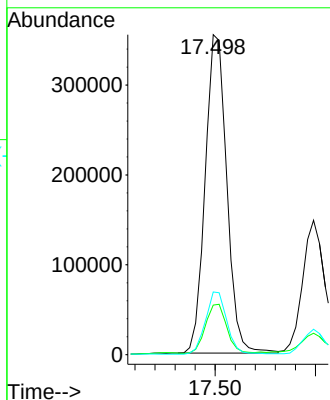
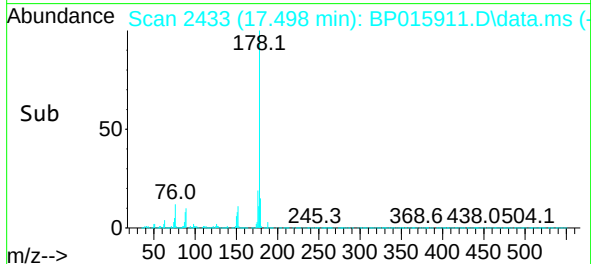
Instrument :
BNA_P
ClientSampleId :
DCGD1



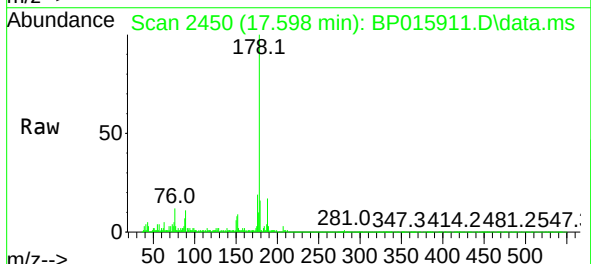
Tgt Ion:178 Resp: 53042
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.6 15.6 23.4

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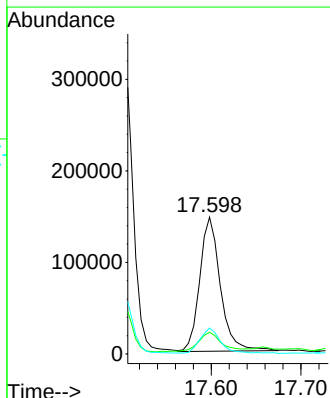
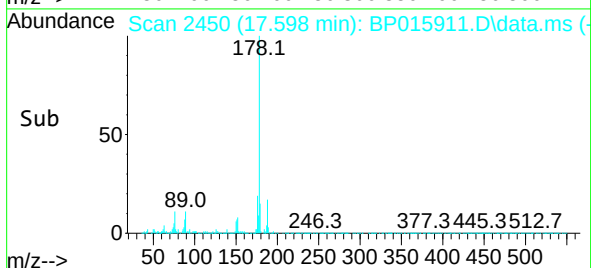
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

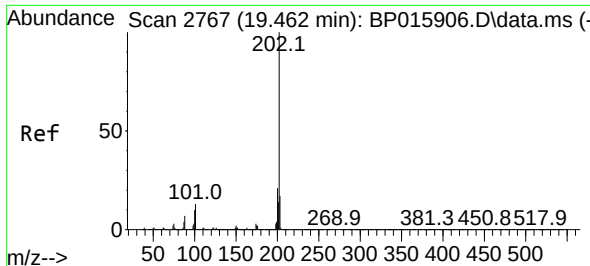


#74
Anthracene
Concen: 3.078 ng/ul
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14



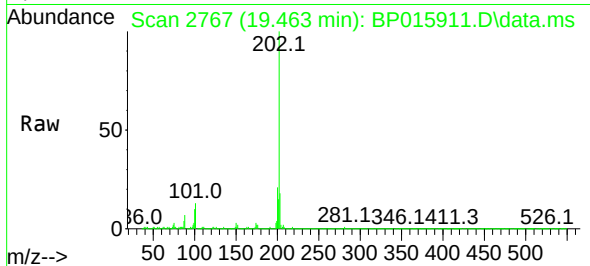
Tgt Ion:178 Resp: 234620
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 19.0 14.6 22.0





#80
Fluoranthene
Concen: 19.967 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

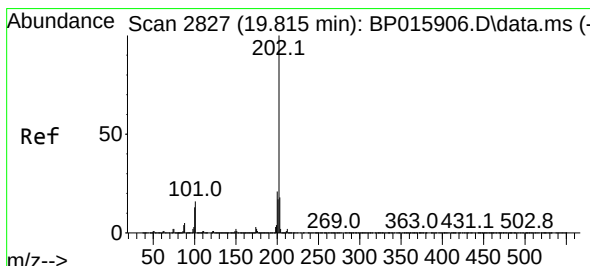
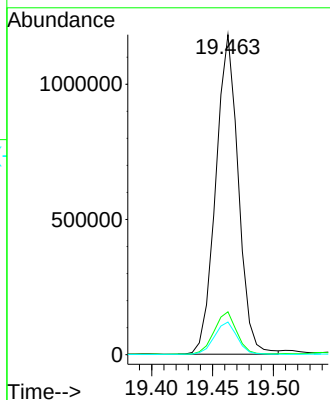
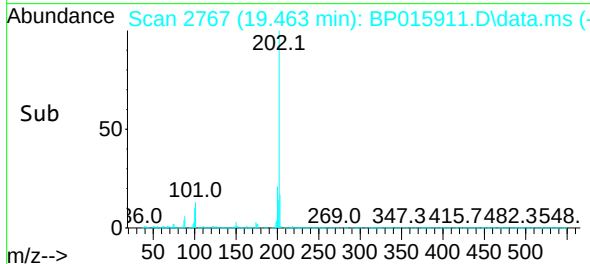
Instrument :
BNA_P
ClientSampleId :
DCGD1



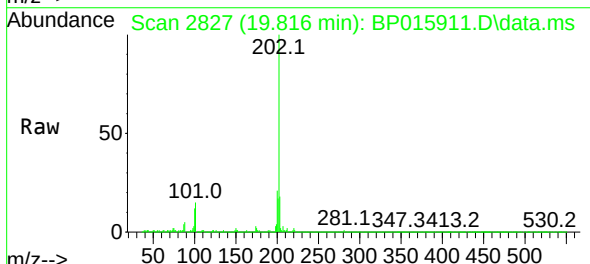
Tgt Ion:202 Resp: 152665
Ion Ratio Lower Upper
202 100
101 13.4 8.3 12.5
100 10.2 6.6 9.8

Manual Integrations
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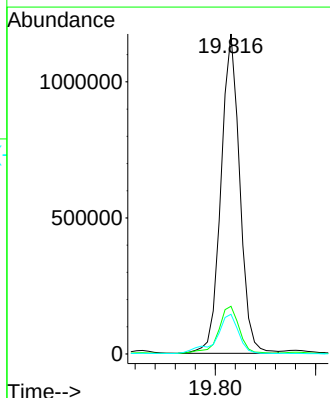
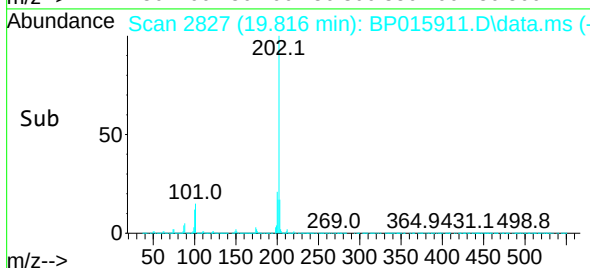
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

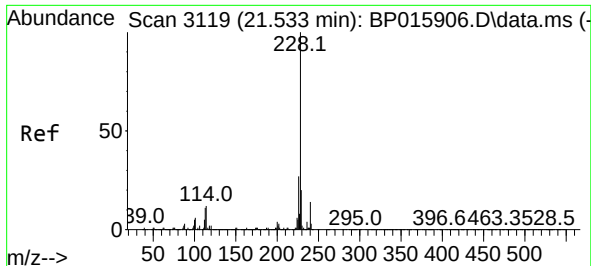


#82
Pyrene
Concen: 19.575 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14



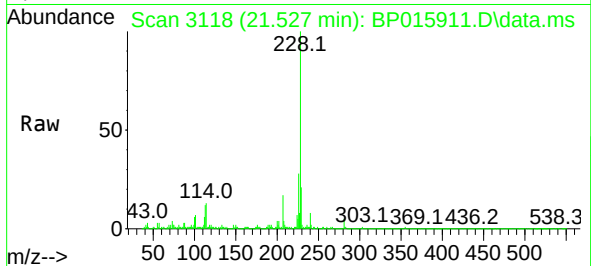
Tgt Ion:202 Resp: 1526718
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 12.4 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 15.884 ng/uI
RT: 21.527 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

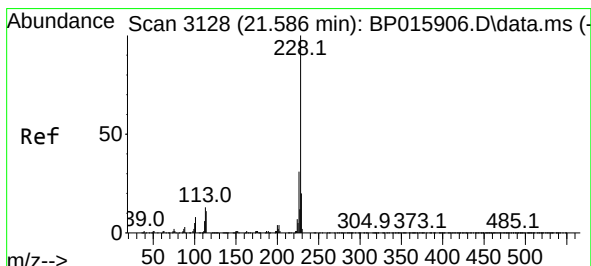
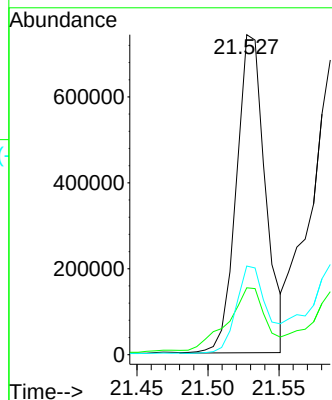
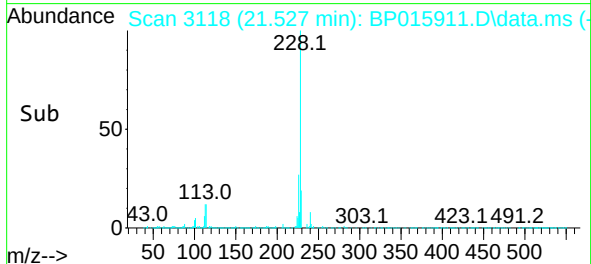
Instrument :
BNA_P
ClientSampleId :
DCGD1



Tgt Ion:228 Resp: 1052760
Ion Ratio Lower Upper
228 100
229 20.9 15.3 22.9
226 27.7 21.4 32.0

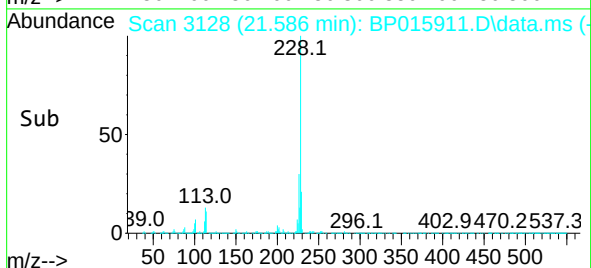
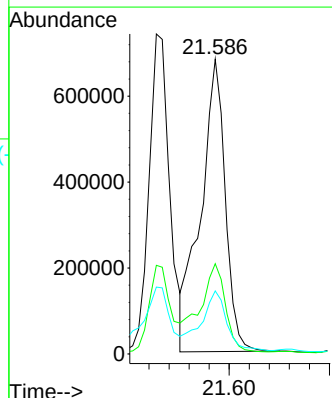
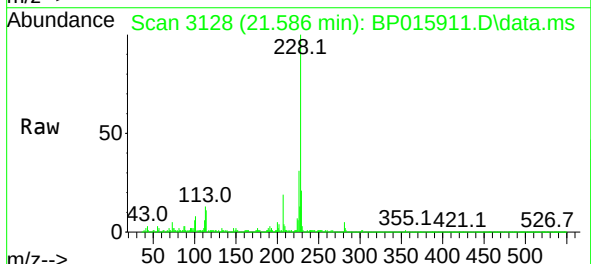
Manual Integrations
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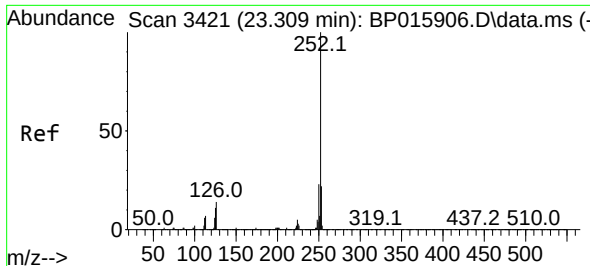
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#87
Chrysene
Concen: 18.530 ng/uI
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

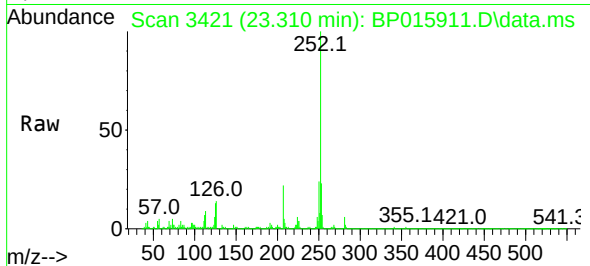
Tgt Ion:228 Resp: 1165176
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 29.137 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

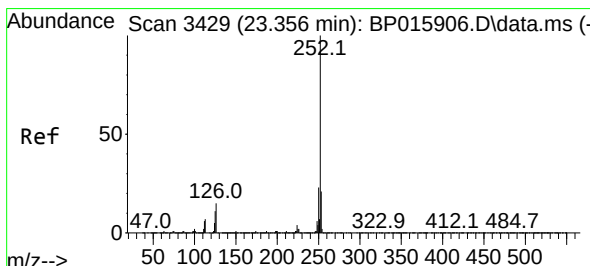
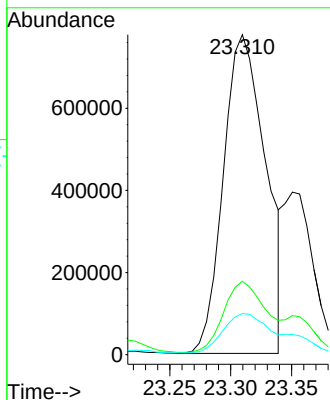
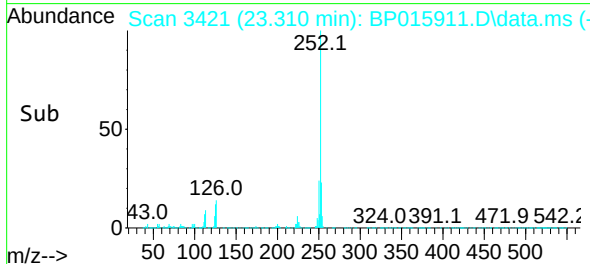
Instrument :
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DCGD1



Tgt Ion:252 Resp: 1874170
Ion Ratio Lower Upper
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253 23.0 17.3 25.9
125 12.9 7.5 11.3

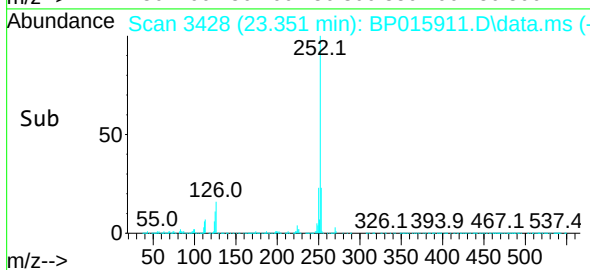
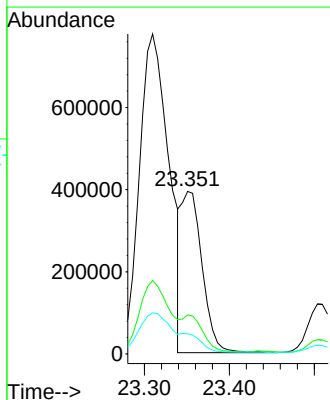
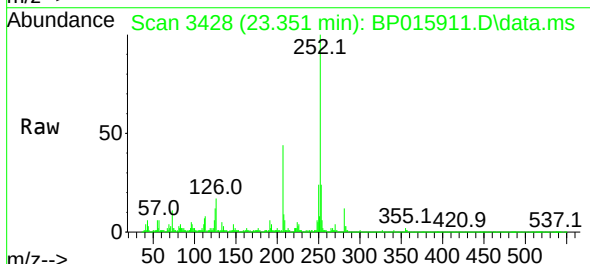
Manual Integrations
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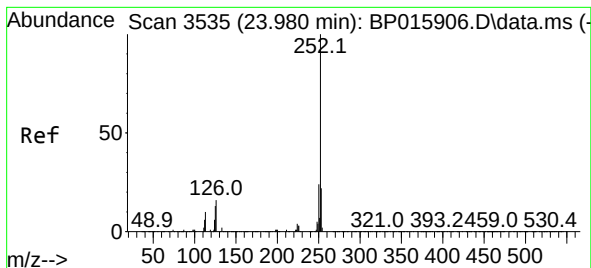
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#91
Benzo(k)fluoranthene
Concen: 10.332 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

Tgt Ion:252 Resp: 671468
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 12.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 17.615 ng/ul

RT: 23.974 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP015911.D

Acq: 02 Jul 2023 07:14

Instrument :

BNA_P

ClientSampleId :

DCGD1

Tgt Ion:252 Resp: 990029

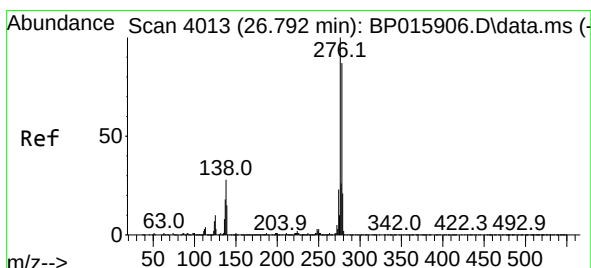
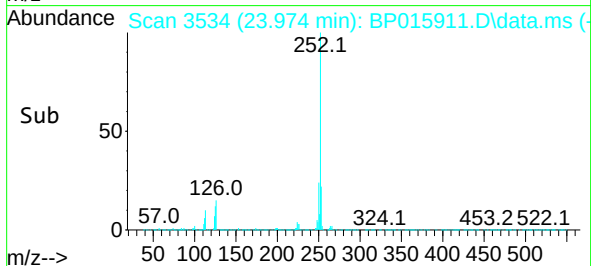
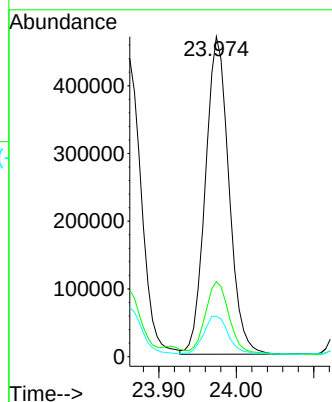
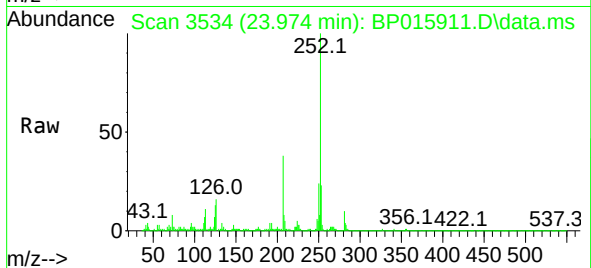
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	12.7	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.495 ng/ul

RT: 26.792 min Scan# 4013

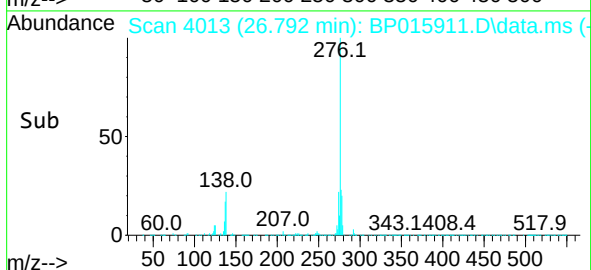
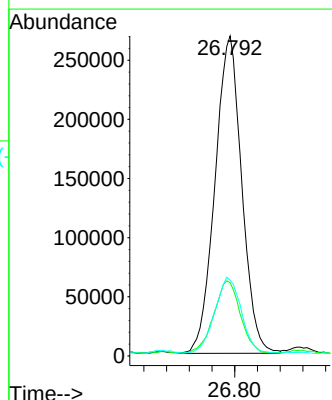
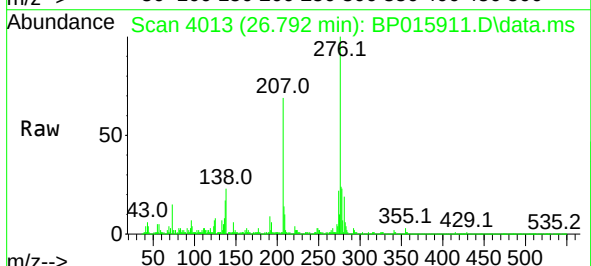
Delta R.T. 0.000 min

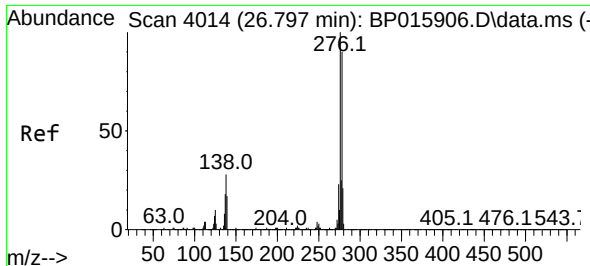
Lab File: BP015911.D

Acq: 02 Jul 2023 07:14

Tgt Ion:276 Resp: 877059

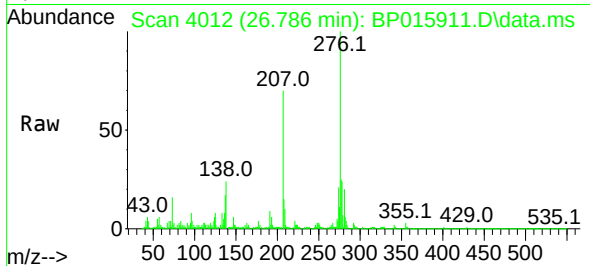
Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.7	23.5
277	23.7	19.6	29.4





#95
Dibenzo(a,h)anthracene
Concen: 3.849 ng/ul
RT: 26.786 min Scan# 4012
Delta R.T. -0.012 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14

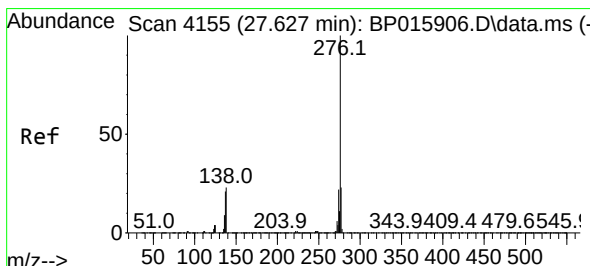
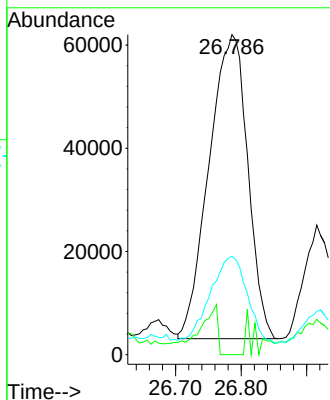
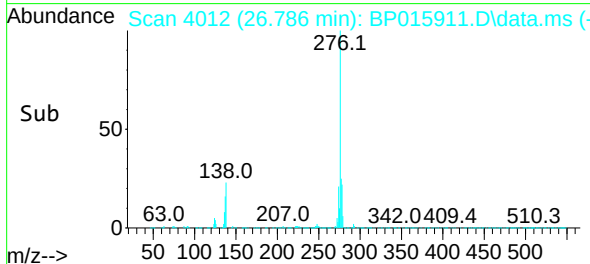
Instrument :
BNA_P
ClientSampleId :
DCGD1



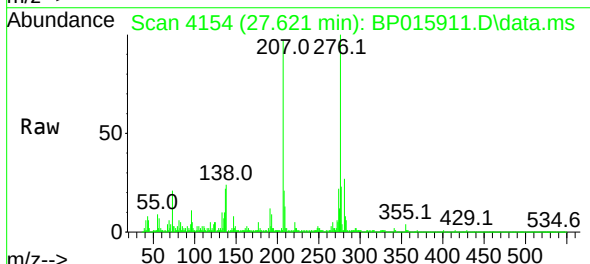
Tgt Ion:278 Resp: 241225
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 30.8 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#96
Benzo(g,h,i)perylene
Concen: 11.511 ng/ul
RT: 27.621 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BP015911.D
Acq: 02 Jul 2023 07:14



Tgt Ion:276 Resp: 722496
Ion Ratio Lower Upper
276 100
138 24.1 15.1 22.7
277 23.5 18.8 28.2

