

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021788.D
 Acq On : 16 Sep 2022 14:41
 Operator : CG/JU
 Sample : N4601-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5759

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 17 00:21:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	207288	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	912734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	526217	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	908244	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	531739	20.000	ng/u1	# 0.00
88) Perylene-d12	24.168	264	559189	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	16334	2.959	ng/uL	0.00
4) Pyridine-d5	3.805	84	24418	1.623	ng/u1	0.02
7) Phenol-d5	7.204	99	400598	21.308	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	225965	19.856	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	318794	23.307	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	322814	21.884	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	163925	26.360	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	184219	33.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	311938	25.358	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	103197	4.940	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	966038	26.859	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1129597	26.940	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	100469	14.038	ng/u1	0.00
60) Fluorene-d10	15.698	176	823185	26.303	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	115270	31.730	ng/u1	0.00
73) Anthracene-d10	17.557	188	1039679	25.976	ng/u1	0.00
81) Pyrene-d10	19.851	212	918744	36.332	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	739632	27.906	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.928	128	145223	3.056	ng/u1	98
36) 2-Methylnaphthalene	12.539	142	90686	2.821	ng/u1	99
37) 1-Methylnaphthalene	12.757	142	70954	2.196	ng/u1	97
50) Acenaphthylene	14.433	152	155201	3.206	ng/u1	99
72) Phenanthrene	17.498	178	785157	16.366	ng/u1	99
74) Anthracene	17.592	178	419745	8.787	ng/u1	98
80) Fluoranthene	19.521	202	1963238	64.365	ng/u1	96
82) Pyrene	19.880	202	1693951	53.285	ng/u1#	92
85) Benzo(a)anthracene	21.633	228	514160	16.059	ng/u1	96
87) Chrysene	21.692	228	905320m	29.206	ng/u1	
90) Benzo(b)fluoranthene	23.398	252	1224429	35.991	ng/u1#	94
91) Benzo(k)fluoranthene	23.439	252	384760m	12.643	ng/u1	
93) Benzo(a)pyrene	24.056	252	442328	13.589	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.815	276	627975	15.715	ng/u1	95
95) Dibenzo(a,h)anthracene	26.833	278	146555m	4.346	ng/u1	
96) Benzo(g,h,i)perylene	27.639	276	525377m	15.066	ng/u1	

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

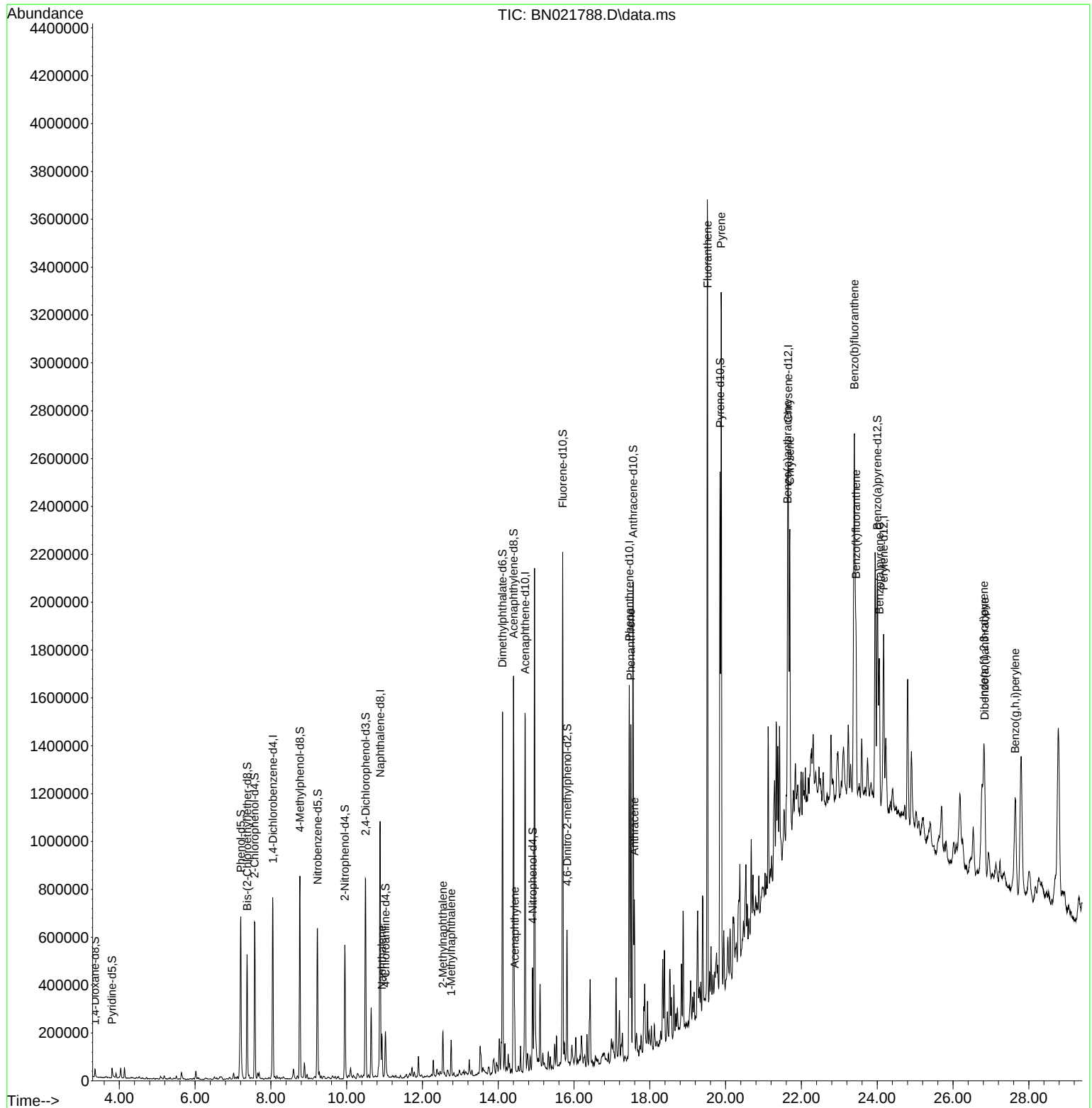
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
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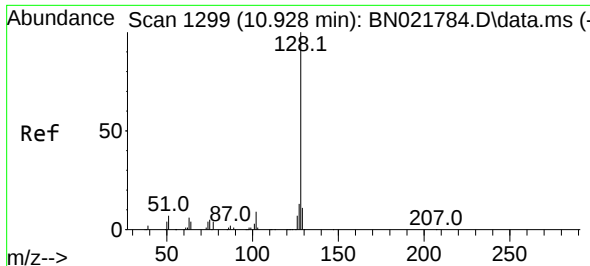
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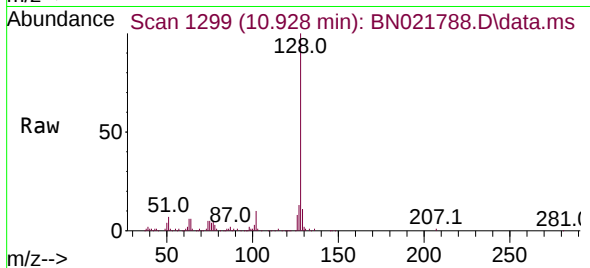
Quant Time: Sep 17 00:21:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 3.056 ng/ul
RT: 10.928 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

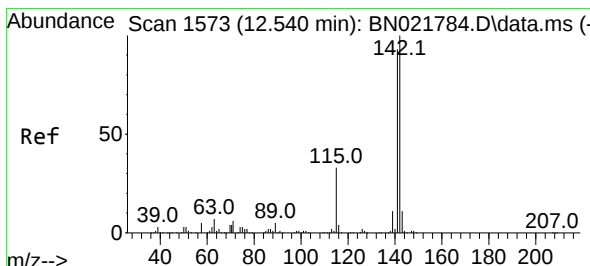
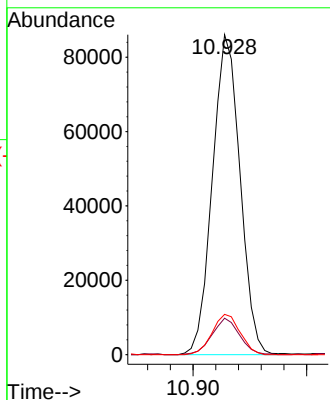
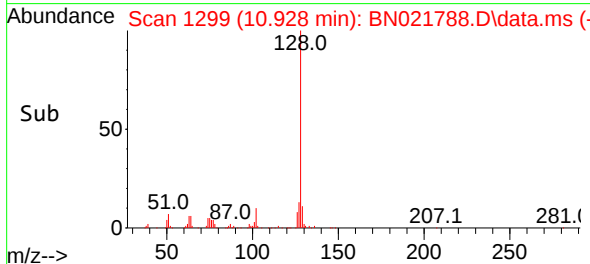
Instrument :
BNA_N
ClientSampleId :
A5759



Tgt Ion:128 Resp: 145223
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.6 10.6 16.0

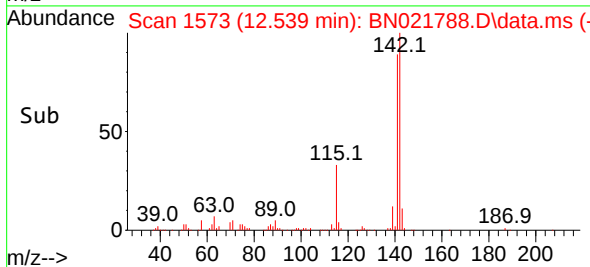
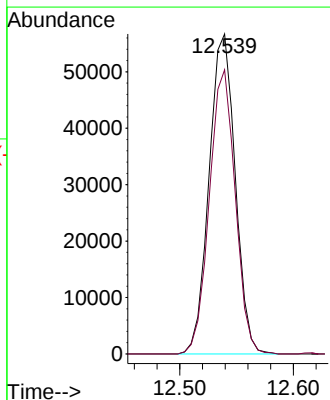
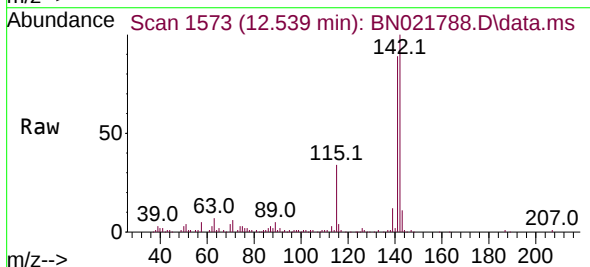
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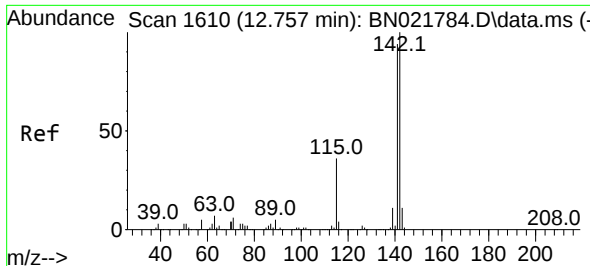
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#36
2-Methylnaphthalene
Concen: 2.821 ng/ul
RT: 12.539 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

Tgt Ion:142 Resp: 90686
Ion Ratio Lower Upper
142 100
141 88.8 70.6 105.8





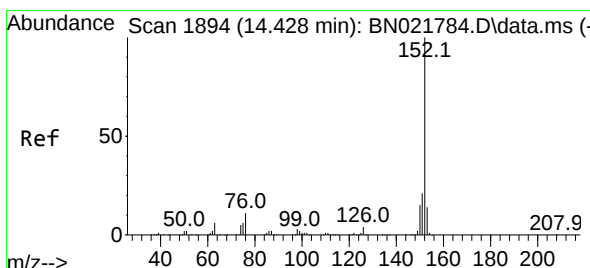
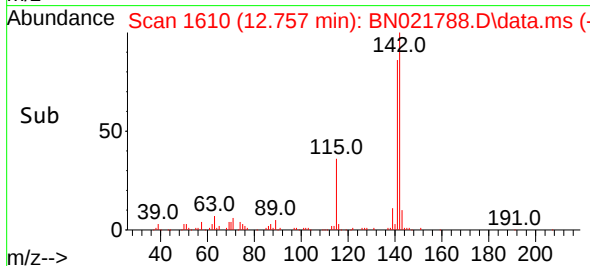
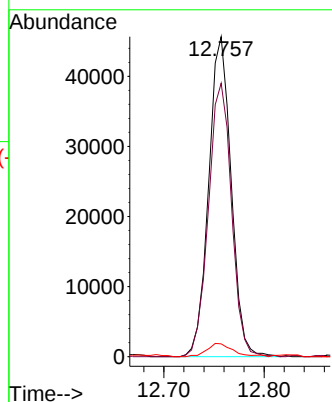
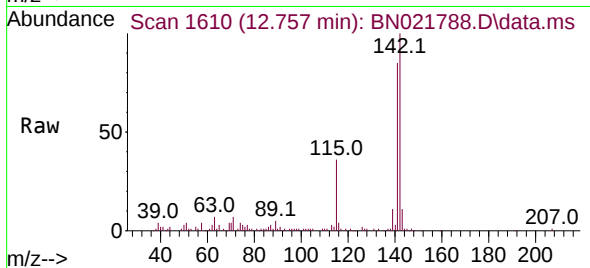
#37
1-Methylnaphthalene
Concen: 2.196 ng/ul
RT: 12.757 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

Instrument :
BNA_N
ClientSampleId :
A5759

Tgt Ion:142 Resp: 70954
Ion Ratio Lower Upper
142 100
141 85.4 70.9 106.3
116 4.0 3.1 4.7

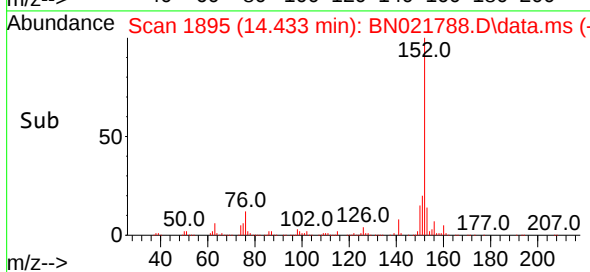
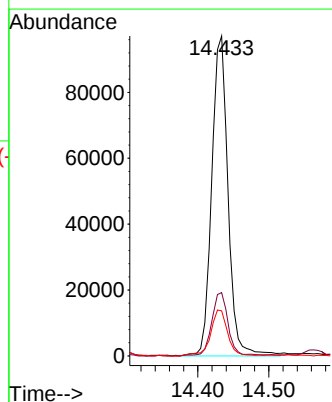
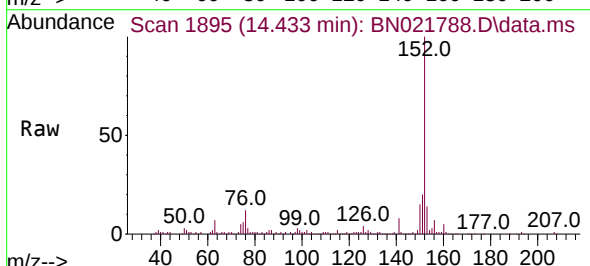
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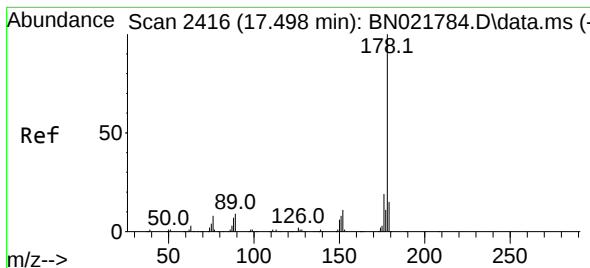
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#50
Acenaphthylene
Concen: 3.206 ng/ul
RT: 14.433 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

Tgt Ion:152 Resp: 155201
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 14.1 10.7 16.1





#72

Phenanthrene

Concen: 16.366 ng/ul

RT: 17.498 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BN021788.D

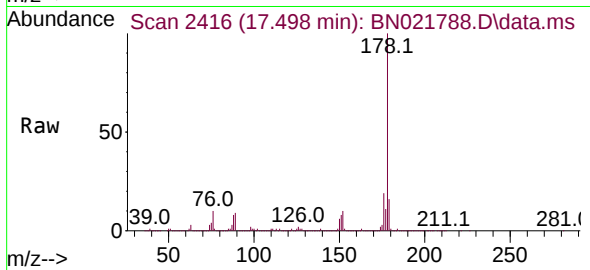
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Instrument :

BNA_N

ClientSampleId :

A5759

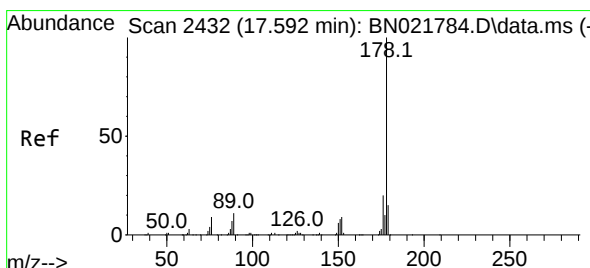
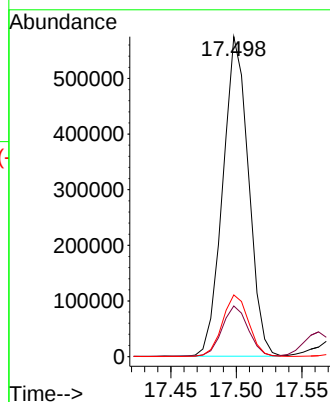
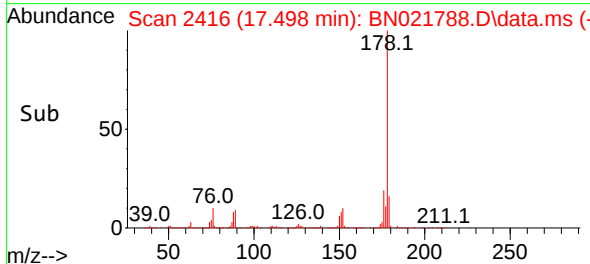


Tgt Ion:178	Resp:	78515
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.2 18.4
176	19.3	15.2 22.8

Manual Integrations

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#74

Anthracene

Concen: 8.787 ng/ul

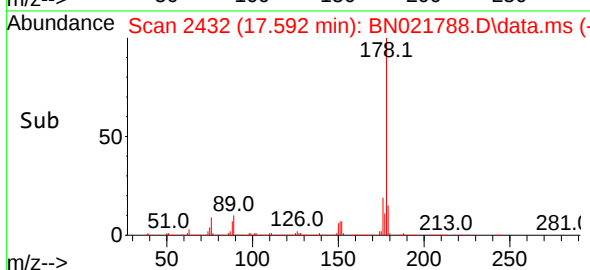
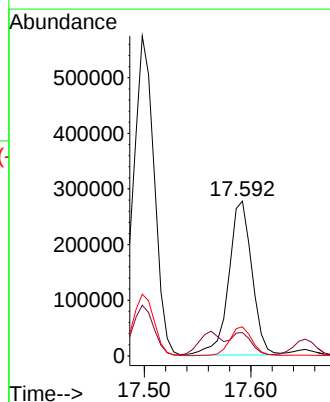
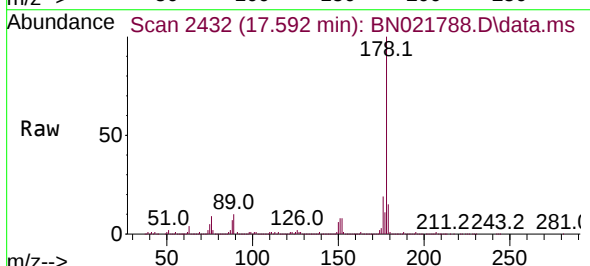
RT: 17.592 min Scan# 2432

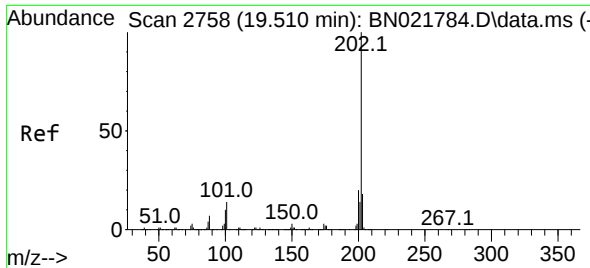
Delta R.T. -0.000 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

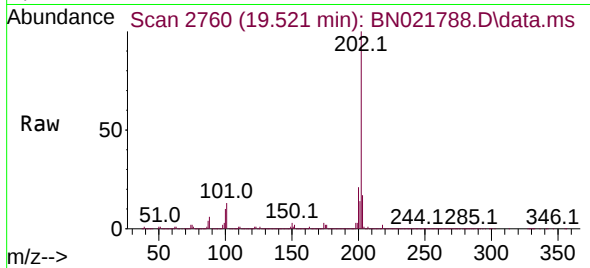
Tgt Ion:178	Resp:	419745
Ion Ratio	Lower	Upper
178	100	
179	15.0	13.0 19.4
176	18.8	15.5 23.3





#80
Fluoranthene
Concen: 64.365 ng/ul
RT: 19.521 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

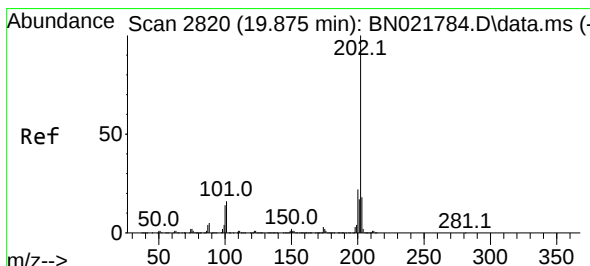
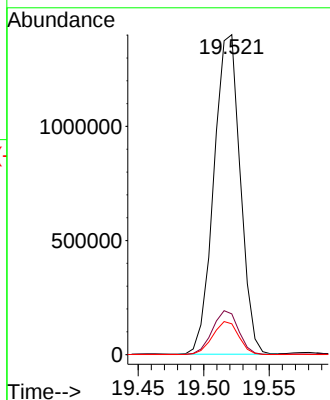
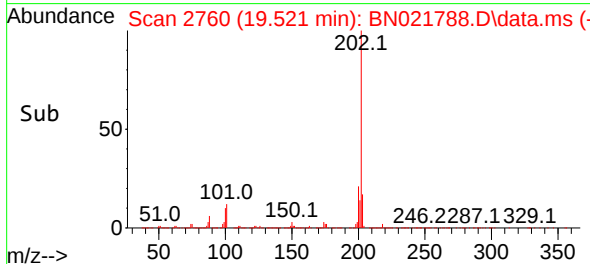
Instrument :
BNA_N
ClientSampleId :
A5759



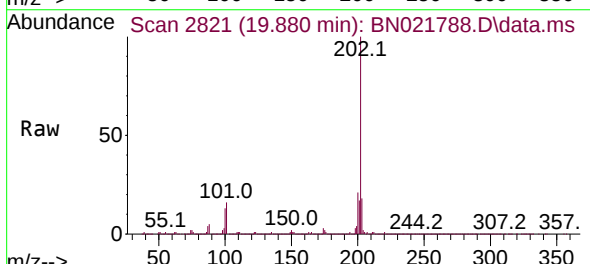
Tgt Ion:202 Resp: 1963238
Ion Ratio Lower Upper
202 100
101 12.7 8.9 13.3
100 9.6 6.7 10.1

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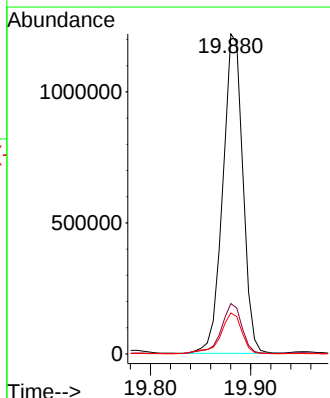
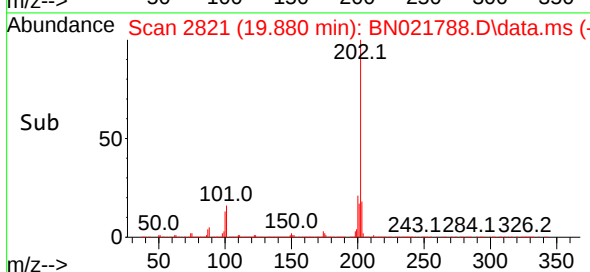
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Supervised By :mohammad ahmed 09/19/2022

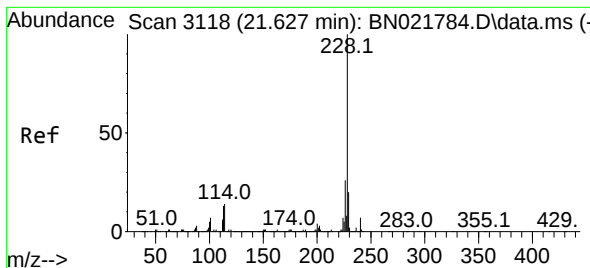


#82
Pyrene
Concen: 53.285 ng/ul
RT: 19.880 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41



Tgt Ion:202 Resp: 1693951
Ion Ratio Lower Upper
202 100
101 15.7 9.7 14.5#
100 12.8 8.0 12.0#





#85

Benzo(a)anthracene

Concen: 16.059 ng/ul

RT: 21.633 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

Instrument :

BNA_N

ClientSampleId :

A5759

Tgt Ion:228 Resp: 514160

Ion Ratio Lower Upper

228 100

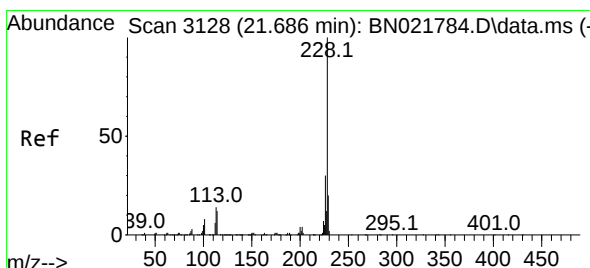
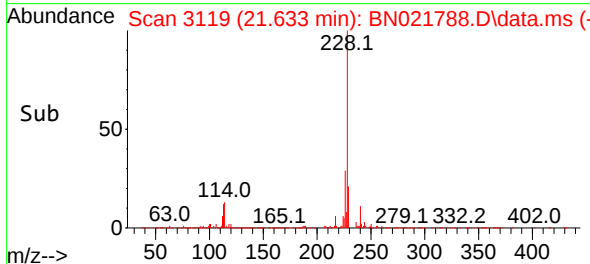
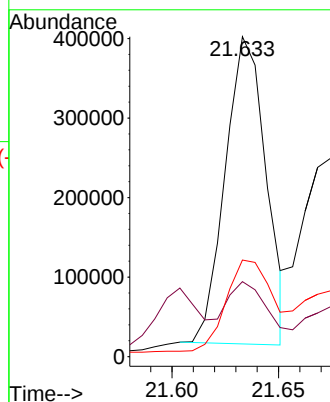
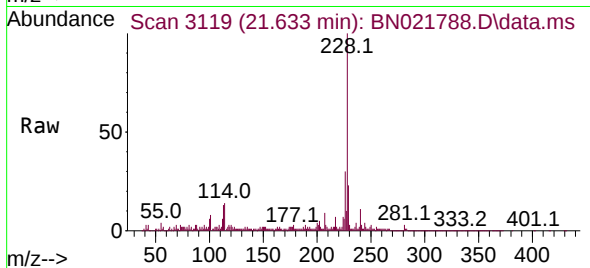
229 23.4 16.3 24.5

226 30.2 23.2 34.8

Manual Integrations

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#87

Chrysene

Concen: 29.206 ng/ul m

RT: 21.692 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

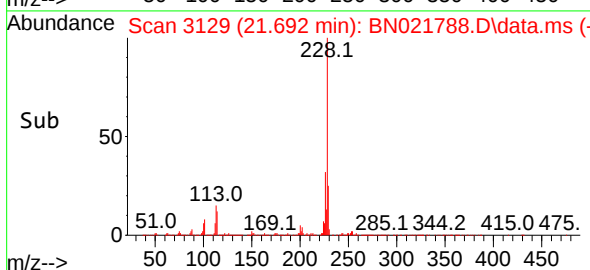
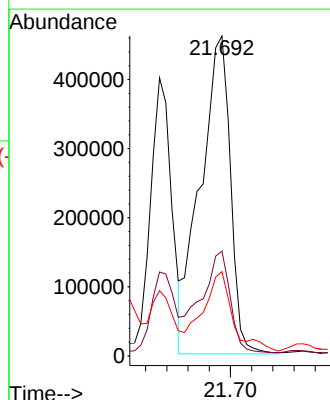
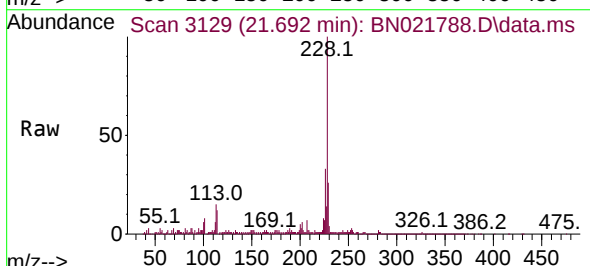
Tgt Ion:228 Resp: 905320

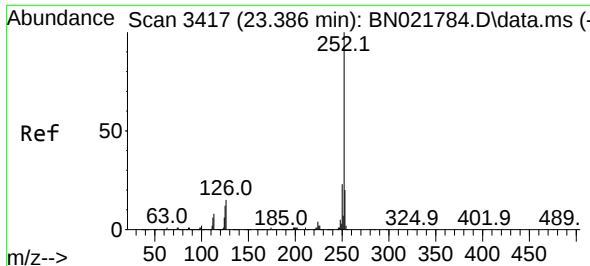
Ion Ratio Lower Upper

228 100

226 32.7 24.2 36.2

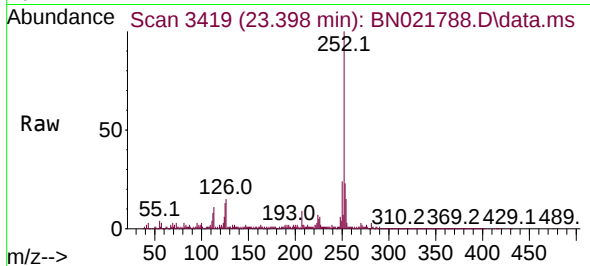
229 26.3 16.2 24.2#





#90
Benzo(b)fluoranthene
Concen: 35.991 ng/ul
RT: 23.398 min Scan# 3417
Delta R.T. 0.012 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

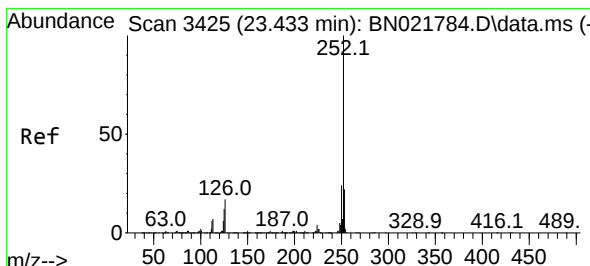
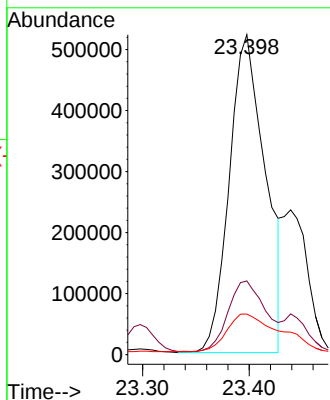
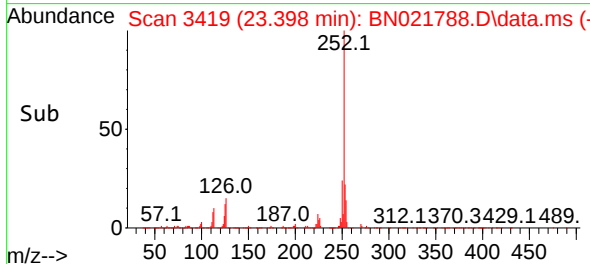
Instrument :
BNA_N
ClientSampleId :
A5759



Tgt Ion:252 Resp: 1224429
Ion Ratio Lower Upper
252 100
253 23.0 16.5 24.7
125 12.7 7.8 11.8

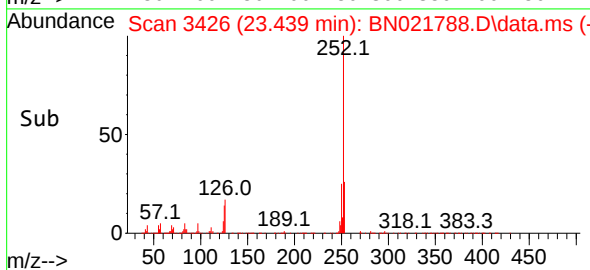
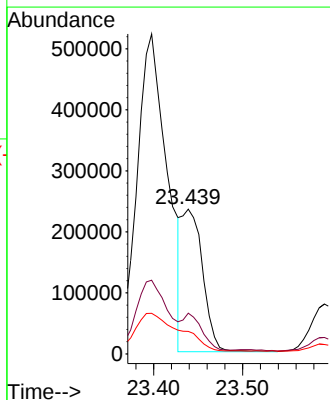
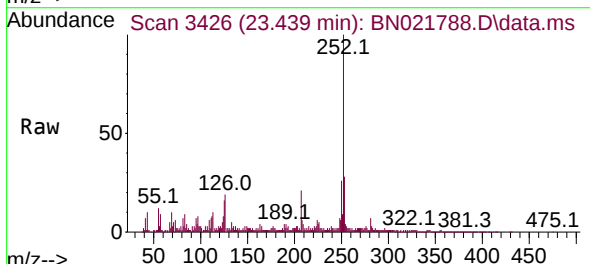
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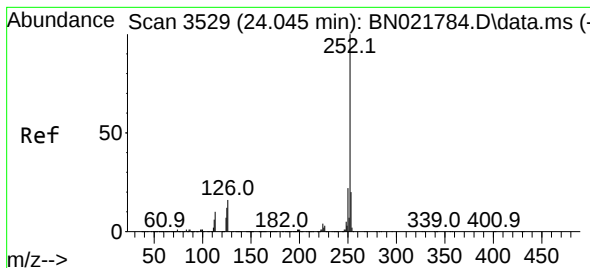
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#91
Benzo(k)fluoranthene
Concen: 12.643 ng/ul m
RT: 23.439 min Scan# 3426
Delta R.T. 0.006 min
Lab File: BN021788.D
Acq: 16 Sep 2022 14:41

Tgt Ion:252 Resp: 384760
Ion Ratio Lower Upper
252 100
253 28.2 18.2 27.4#
125 15.6 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 13.589 ng/ul

RT: 24.056 min Scan# 3529

Delta R.T. 0.012 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

Instrument :

BNA_N

ClientSampleId :

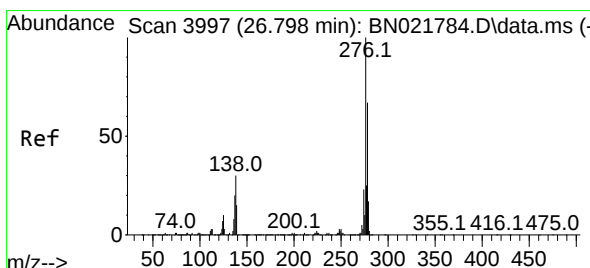
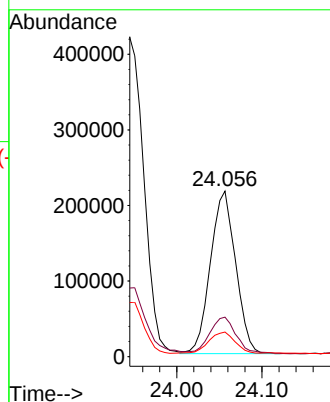
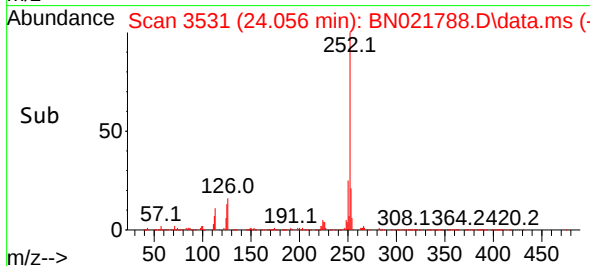
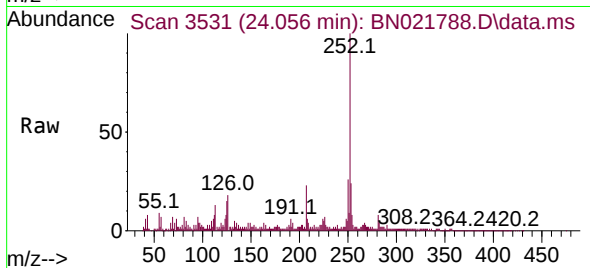
A5759

Tgt Ion:	252	Resp:	442328
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.7	28.1
125	14.9	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 15.715 ng/ul

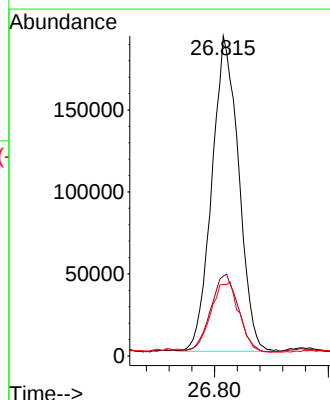
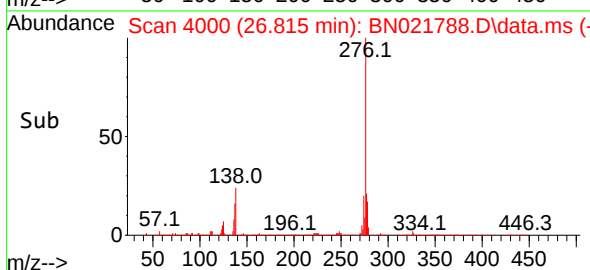
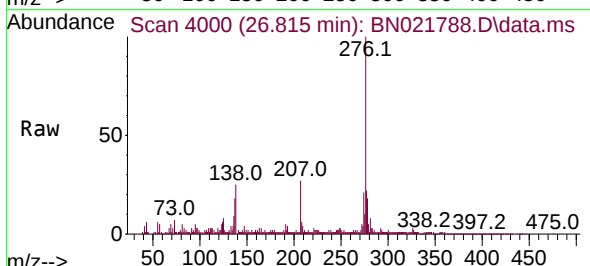
RT: 26.815 min Scan# 4000

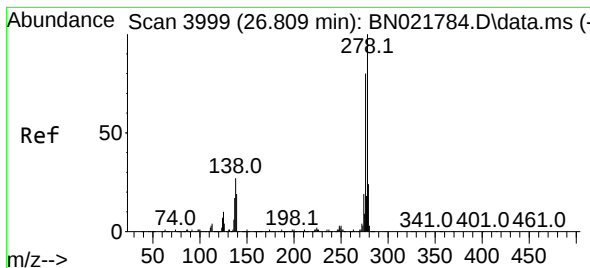
Delta R.T. 0.017 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

Tgt Ion:	276	Resp:	627975
Ion Ratio	Lower	Upper	
276	100		
138	24.9	19.5	29.3
277	22.3	21.4	32.0





#95

Dibenzo(a,h)anthracene

Concen: 4.346 ng/ul m

RT: 26.833 min Scan# 4003

Delta R.T. 0.023 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

Instrument :

BN021788.D

ClientSampleId :

A5759

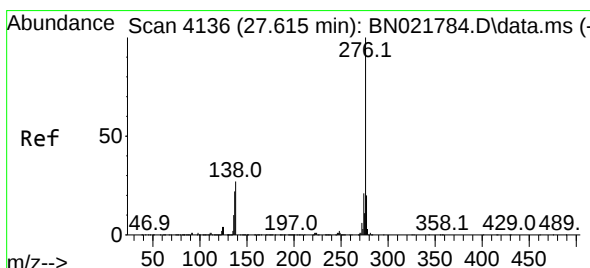
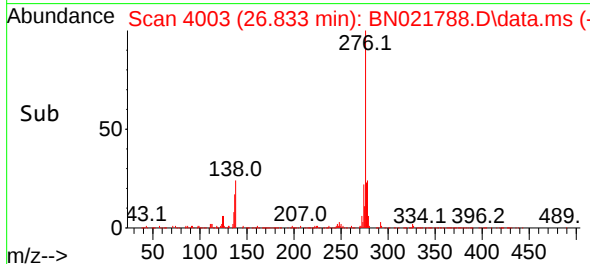
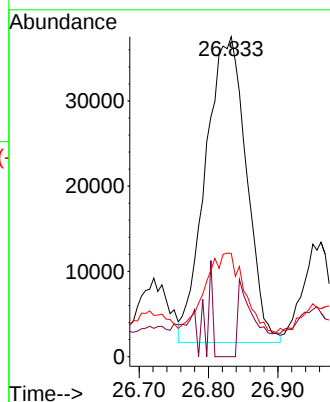
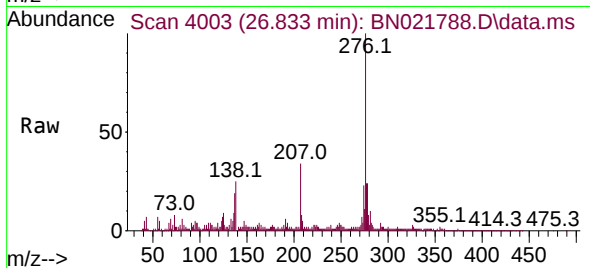
Tgt Ion: 278 Resp: 14655

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.8	20.8
279	32.3	18.3	27.5

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 09/19/2022
Supervised By : mohammad ahmed 09/19/2022



#96

Benzo(g,h,i)perylene

Concen: 15.066 ng/ul m

RT: 27.639 min Scan# 4140

Delta R.T. 0.023 min

Lab File: BN021788.D

Acq: 16 Sep 2022 14:41

Tgt Ion: 276 Resp: 525377

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.0	25.6
277	23.1	17.8	26.6

