

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009517.D
 Acq On : 31 Jan 2020 18:48
 Operator : CG/JU
 Sample : L1271-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT01

Manual Integrations
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Quant Time: Feb 01 03:23:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	167163	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.21	136	665494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	518789	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	846380	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	760775	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	819946	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	11083	2.74	ng/uL	0.00
5) Phenol-d5	6.65	99	205754	13.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	162225	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	165036	15.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	139497	11.82	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	93211	19.25	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	96156	18.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	157991	15.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	251010m	20.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	609657	15.88	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	647909	14.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	81884	11.46	ng/ul	0.00
57) Fluorene-d10	15.10	176	510764	15.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	75079m	14.65	ng/ul	0.03
70) Anthracene-d10	16.96	188	718810	18.36	ng/ul	0.01
78) Pyrene-d10	19.25	212	766637	18.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	730911	17.66	ng/ul	0.00
Target Compounds						
6) Phenol	6.68	94	24622	1.585	ng/ul#	82
28) Naphthalene	10.26	128	25117673m	701.359	ng/ul	
34) 2-Methylnaphthalene	11.90	142	27972334m	1134.562	ng/ul	
40) 1,1'-Biphenyl	12.92	154	3705997	94.340	ng/ul	99
44) Dimethylphthalate	13.56	163	114545	2.898	ng/ul#	96
47) Acenaphthylene	13.82	152	10842282	220.455	ng/ul	98
49) Acenaphthene	14.16	153	1609263	47.962	ng/ul	97
53) Dibenzofuran	14.50	168	1751893	37.580	ng/ul	95
58) Fluorene	15.16	166	8770450	224.526	ng/ul	99
64) N-Nitrosodiphenylamine	15.37	169	226357	9.032	ng/ul#	92
69) Phenanthrene	16.90	178	24423269m	511.410	ng/ul	
71) Anthracene	16.99	178	6393334	131.484	ng/ul	99
76) Fluoranthene	18.92	202	8764978	160.103	ng/ul	97
79) Pyrene	19.29	202	13267862m	240.861	ng/ul	
82) Benzo(a)anthracene	21.04	228	4823291	93.100	ng/ul#	82
84) Chrysene	21.09	228	4027553	79.805	ng/ul	93
87) Benzo(b)fluoranthene	22.56	252	2451686	47.289	ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	663005m	13.006	ng/ul	
90) Benzo(a)pyrene	23.09	252	2377618	51.092	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.24	276	914423	16.214	ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	329611	6.927	ng/ul#	94
93) Benzo(a,h,i)perylene	25.86	276	694558	14.806	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

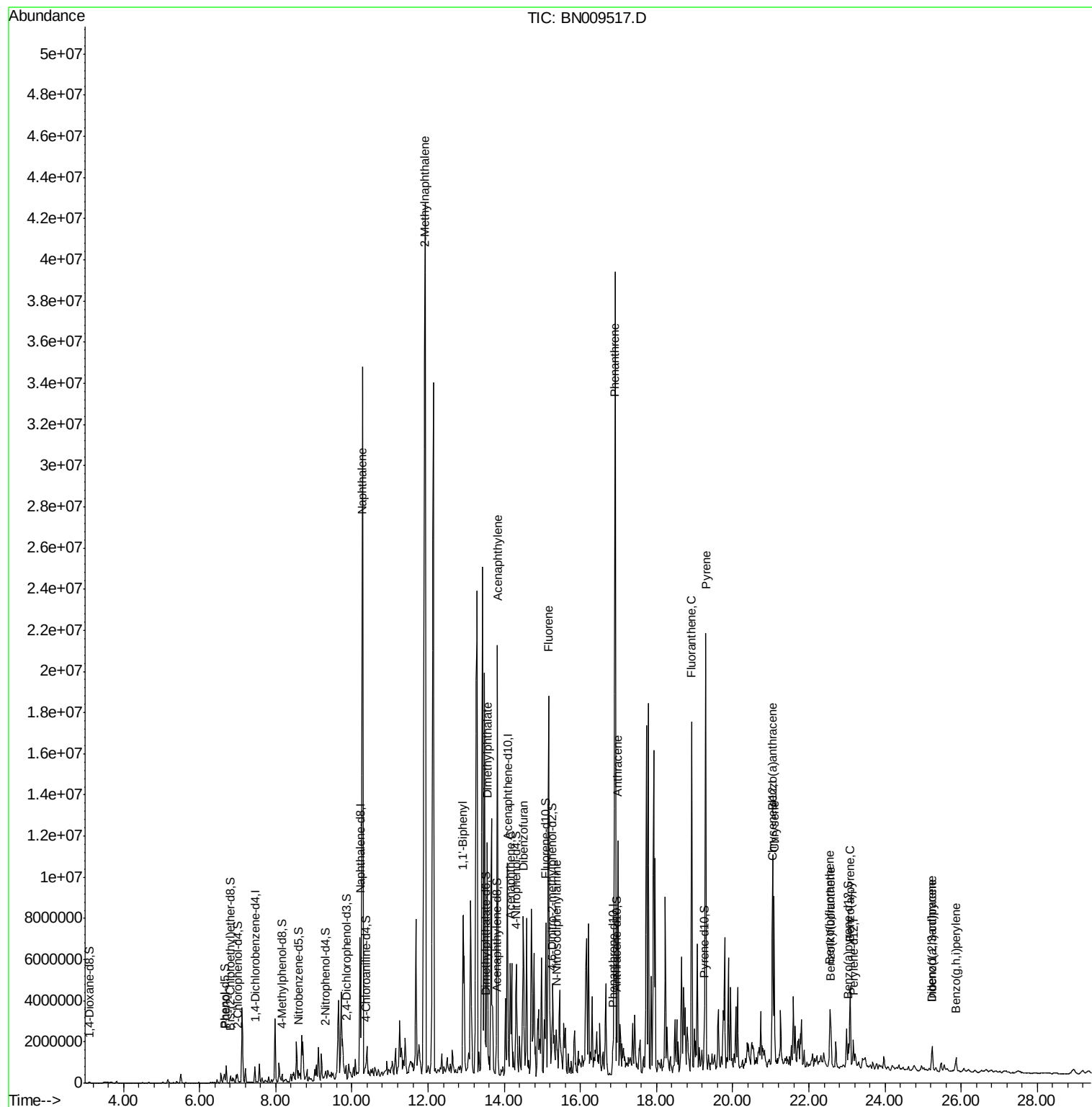
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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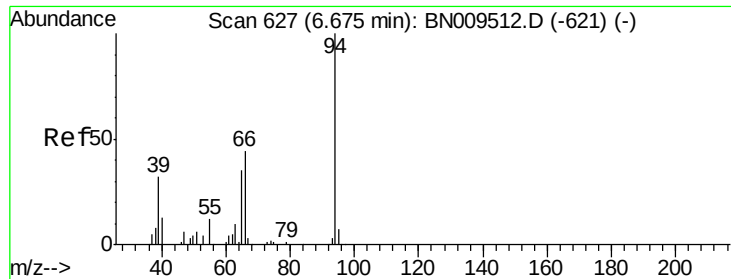
Instrument :
BNA_N
ClientSampleId :
GAT01

Quant Time: Feb 01 03:23:43 2020
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#6

Phenol

Concen: 1.585 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

Instrument :

BNA_N

ClientSampleId :

GAT01

Tot Ion: 94 Resp: 24622

Ion Ratio Lower Upper

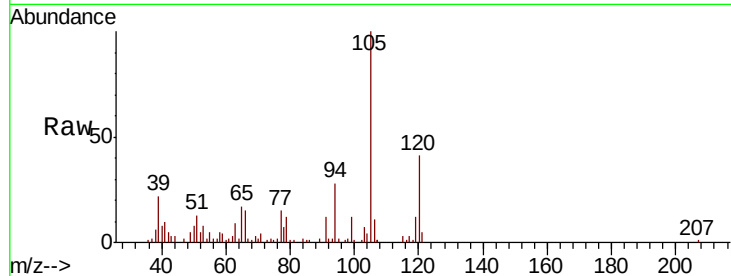
94 100

65 59.6 29.4 44.0#

66 51.8 39.8 59.8

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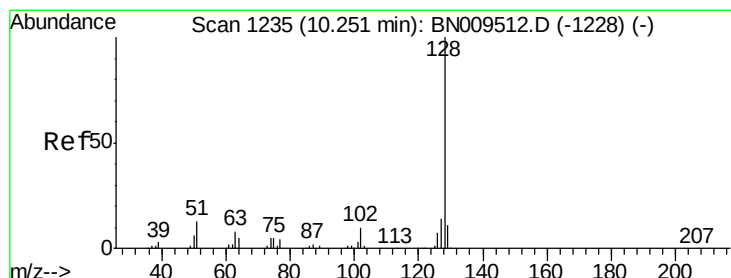
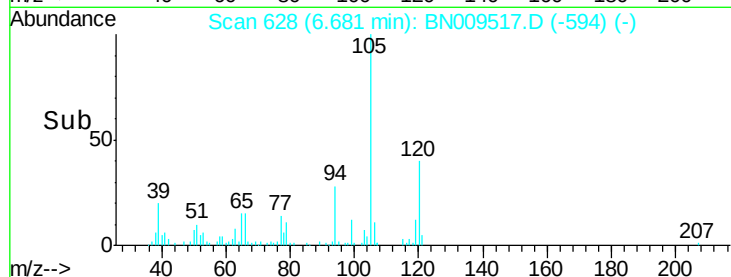
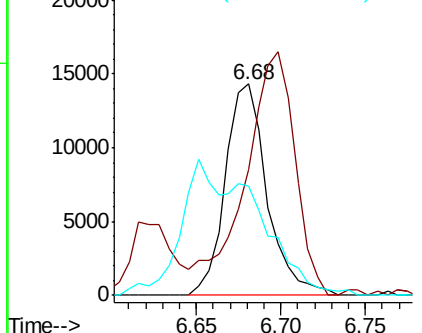
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Abundance Ion 94.00 (93.70 to 94.70): BN009512.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BN009512.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BN009512.D (-621) (-)



#28

Naphthalene

Concen: 701.359 ng/ul m

RT: 10.26 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

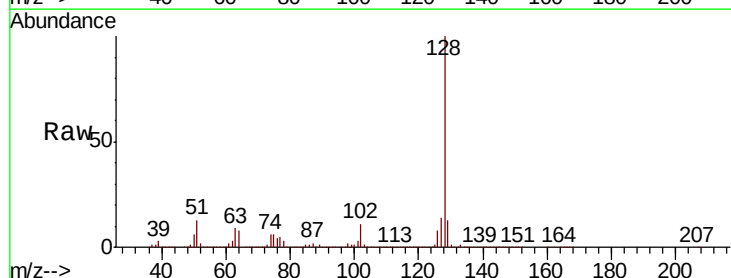
Tgt Ion:128 Resp:25117673

Ion Ratio Lower Upper

128 100

129 12.5 8.1 12.1#

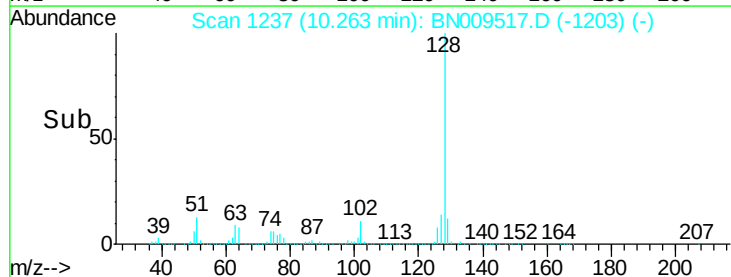
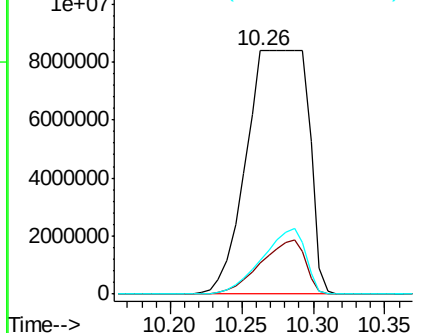
127 14.0 11.0 16.6

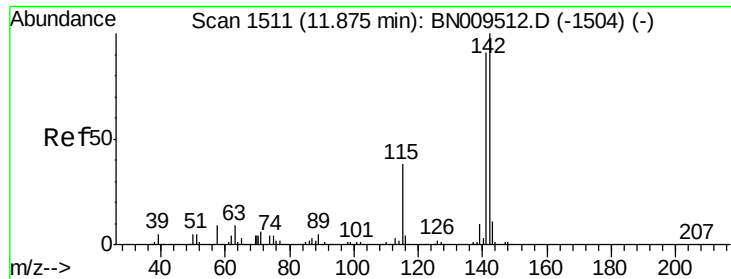


Abundance Ion 128.00 (127.70 to 128.70): BN009512.D (-1228) (-)

Ion 129.00 (128.70 to 129.70): BN009512.D (-1228) (-)

Ion 127.00 (126.70 to 127.70): BN009512.D (-1228) (-)





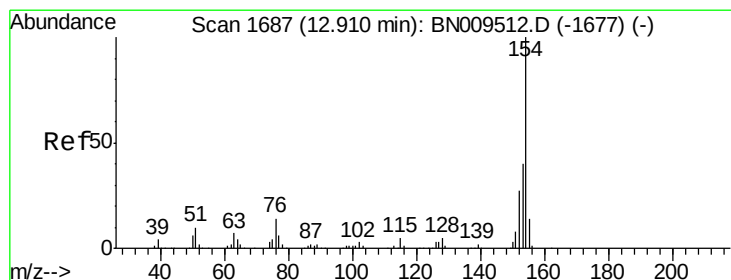
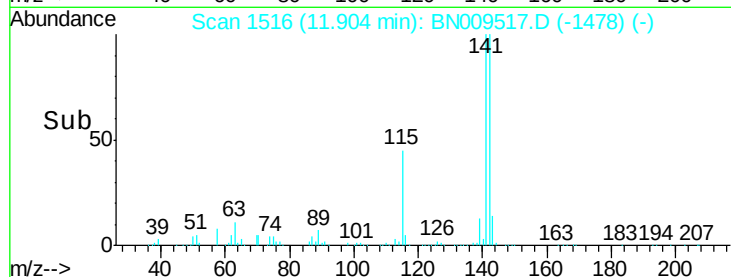
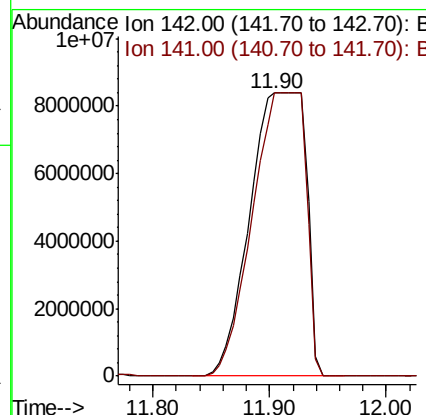
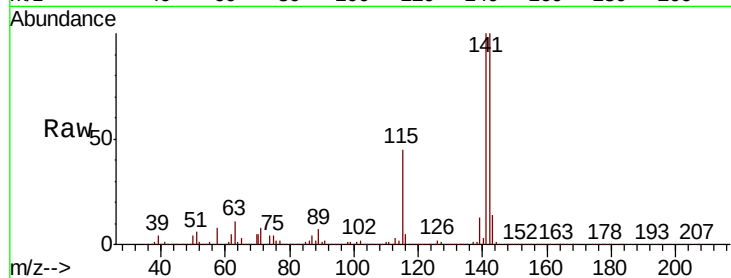
#34
2-Methylnaphthalene
Concen: 1134.562 ng/ul m
RT: 11.90 min Scan# 1516
Delta R.T. 0.02 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Instrument :
BNA_N
ClientSampleId :
GAT01

Tot Ion:142 Resp:27972334
Ion Ratio Lower Upper
142 100
141 100.0 69.3 103.9

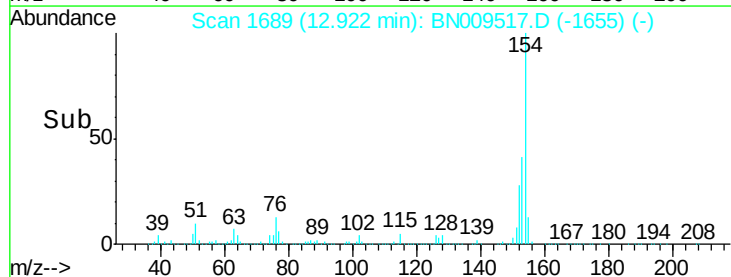
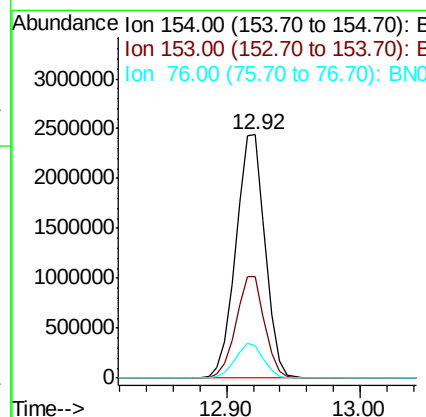
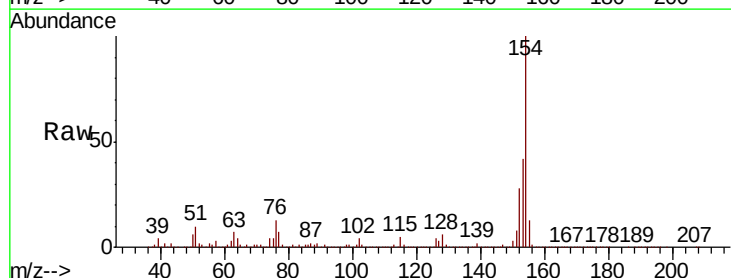
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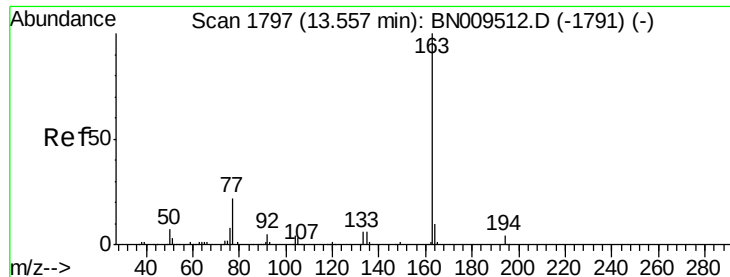
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#40
1,1'-Biphenyl
Concen: 94.340 ng/ul
RT: 12.92 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Tgt Ion:154 Resp: 3705997
Ion Ratio Lower Upper
154 100
153 41.6 32.6 49.0
76 13.5 11.4 17.0





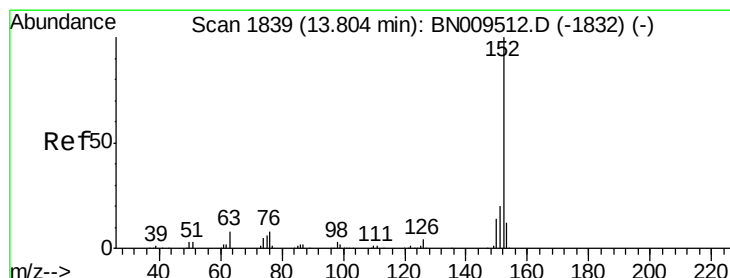
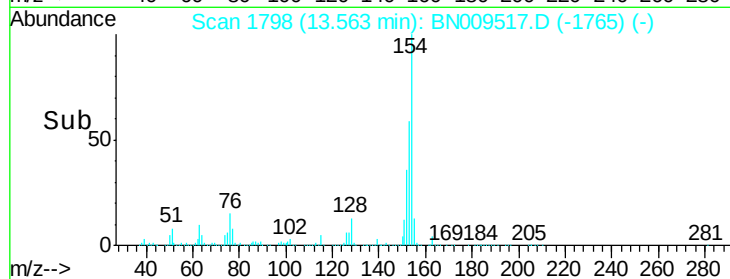
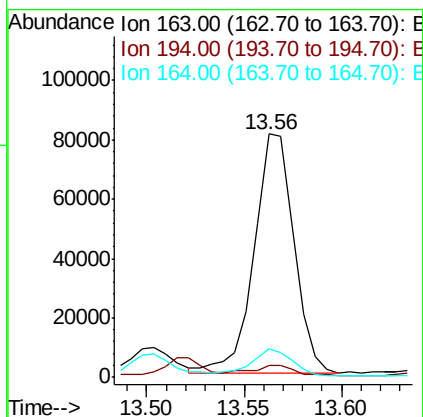
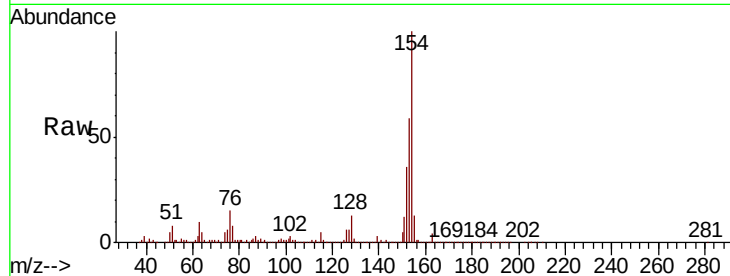
#44
Dimethylphthalate
Concen: 2.898 ng/ul
RT: 13.56 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Instrument :
BNA_N
ClientSampled :
GAT01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	114545		
194	5.0	3.1	4.7#	
164	11.8	8.3	12.5	

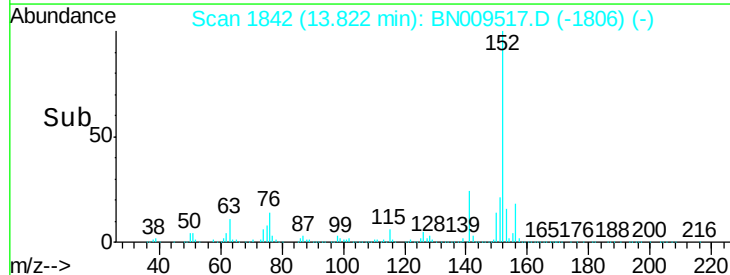
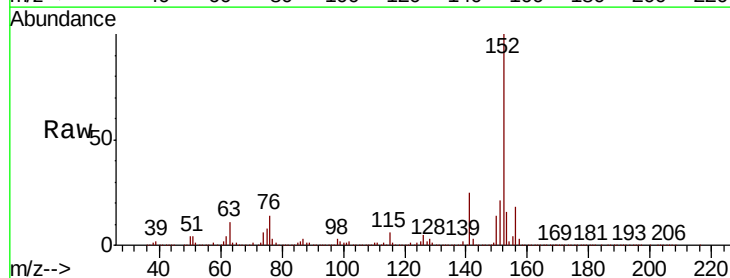
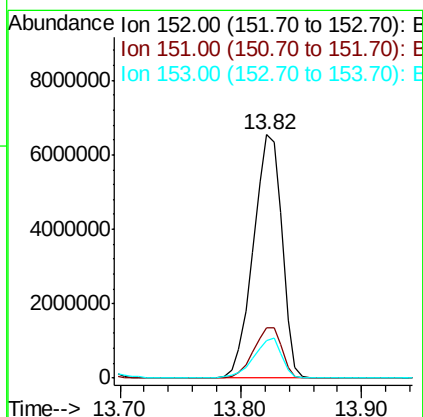
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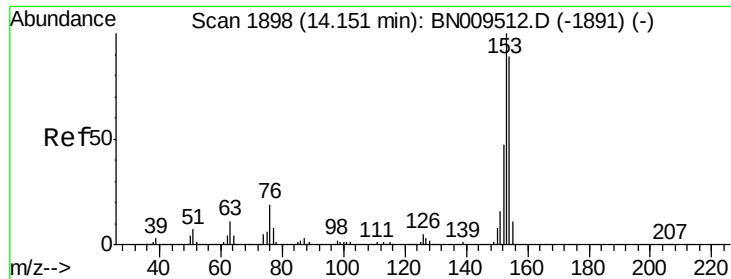
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#47
Acenaphthylene
Concen: 220.455 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	10842282		
151	20.6	16.2	24.4	
153	15.6	10.8	16.2	





#49

Acenaphthene

Concen: 47.962 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

Instrument :

BNA_N

ClientSampled :

GAT01

Tot Ion:153 Resp: 1609263

Ion Ratio Lower Upper

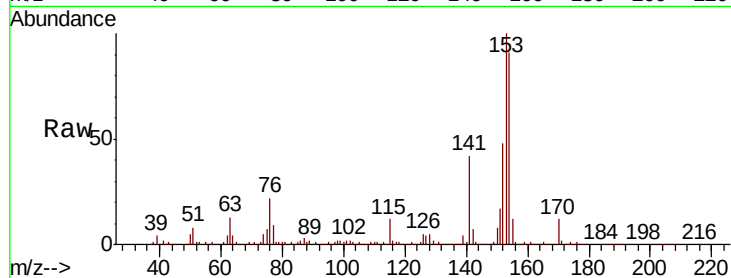
153 100

152 47.8 36.3 54.5

154 91.4 71.4 107.0

Manual Integrations
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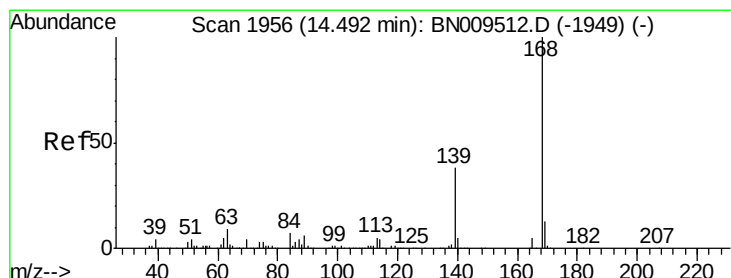
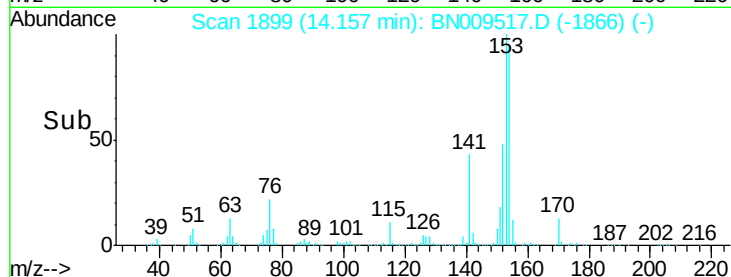
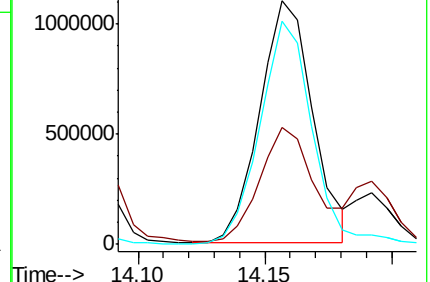
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 37.580 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BN009517.D

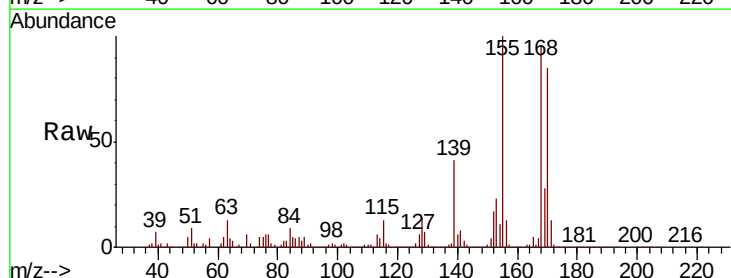
Acq: 31 Jan 2020 18:48

Tgt Ion:168 Resp: 1751893

Ion Ratio Lower Upper

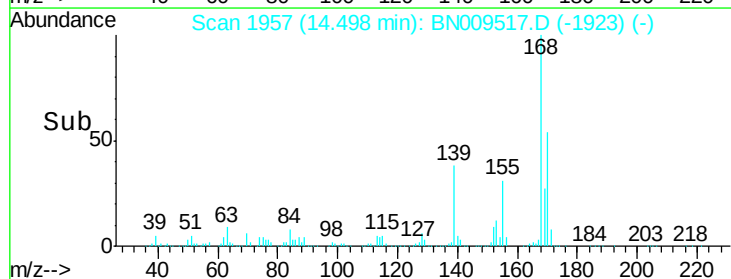
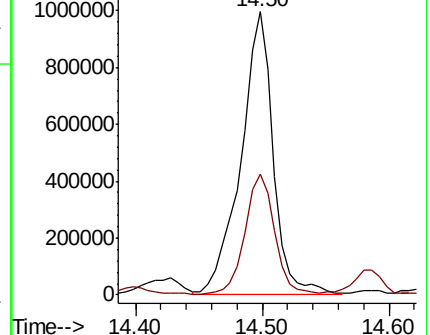
168 100

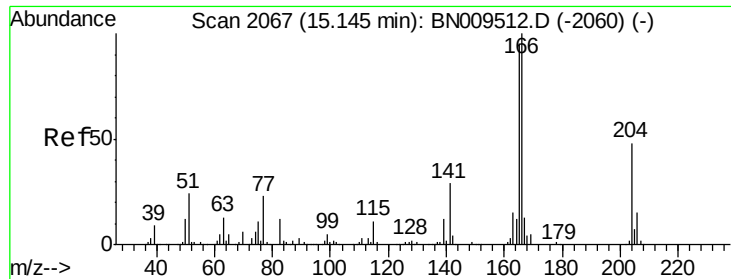
139 42.6 31.4 47.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





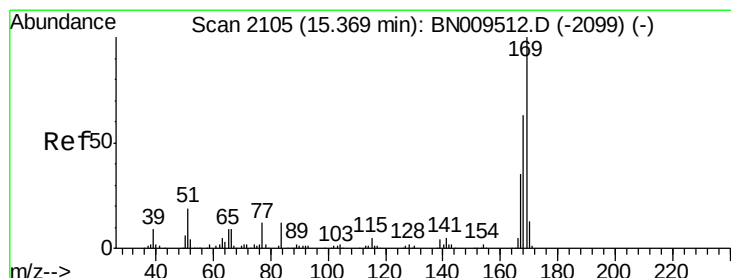
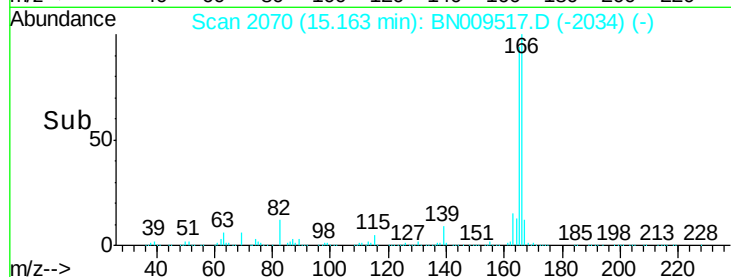
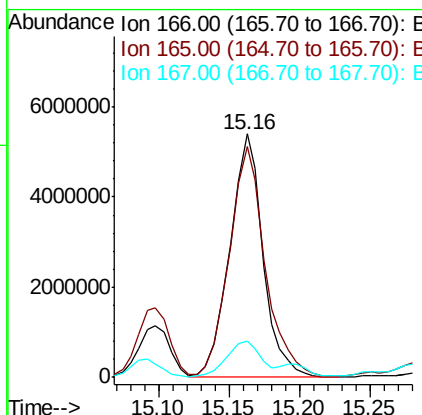
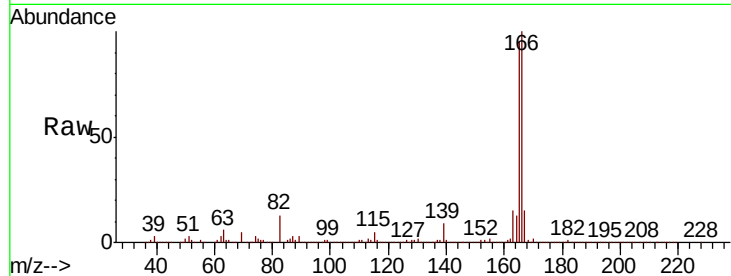
#58
 Fluorene
 Concen: 224.526 ng/ul
 RT: 15.16 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: BN009517.D
 Acq: 31 Jan 2020 18:48

Instrument :
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 GAT01

Tot Ion:166 Resp: 8770450
 Ion Ratio Lower Upper
 166 100
 165 94.9 76.5 114.7
 167 14.9 10.9 16.3

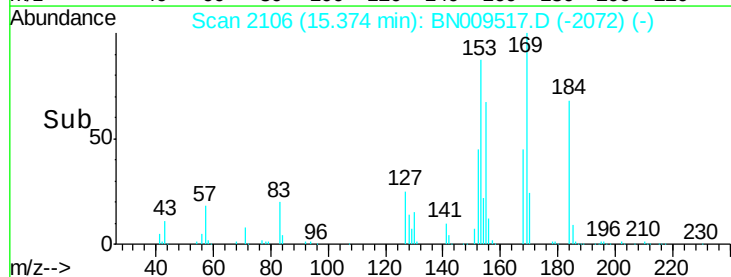
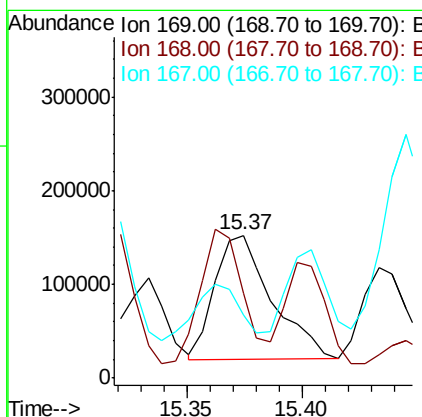
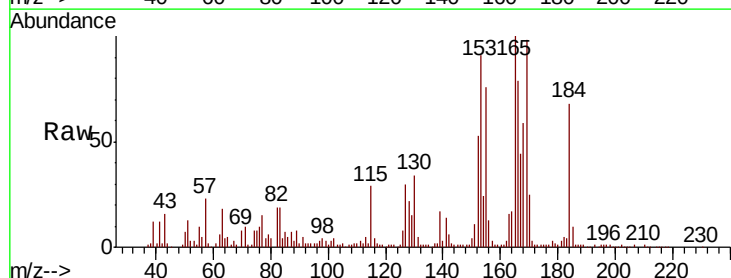
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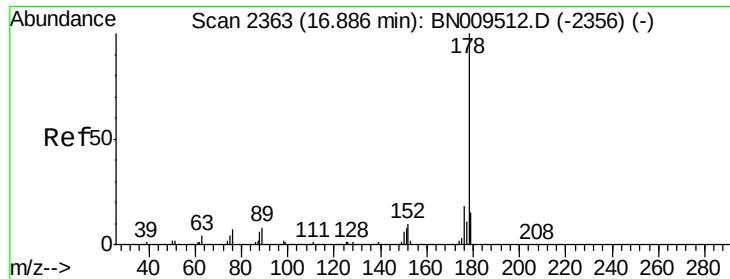
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#64
 N-Nitrosodiphenylamine
 Concen: 9.032 ng/ul
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BN009517.D
 Acq: 31 Jan 2020 18:48

Tgt Ion:169 Resp: 226357
 Ion Ratio Lower Upper
 169 100
 168 59.7 49.8 74.8
 167 44.5 27.6 41.4#





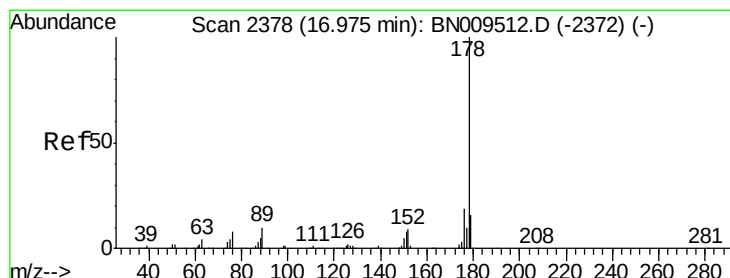
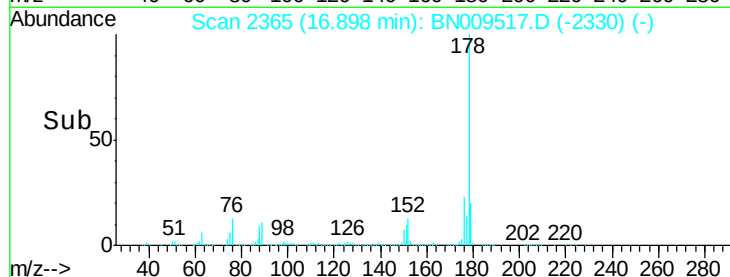
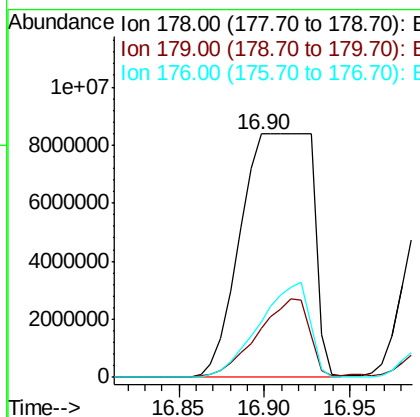
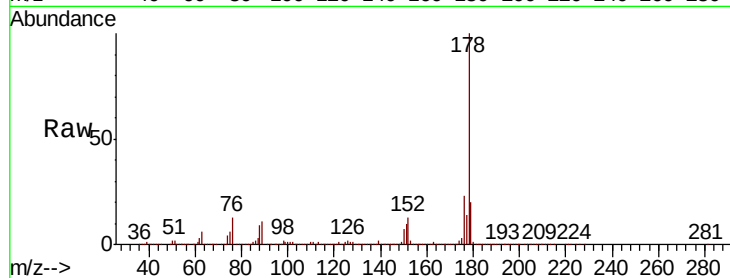
#69
Phenanthrene
Concen: 511.410 ng/ul m
RT: 16.90 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Instrument :
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ClientSampled :
GAT01

Tot Ion:178 Resp:24423269
Ion Ratio Lower Upper
178 100
179 20.1 13.3 19.9#
176 22.5 15.5 23.3

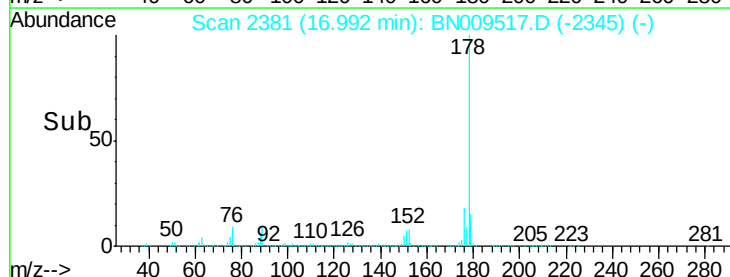
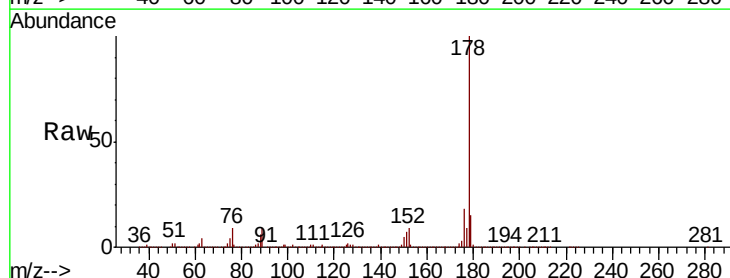
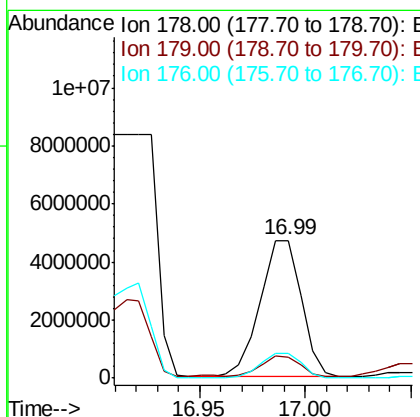
Manual Integrations
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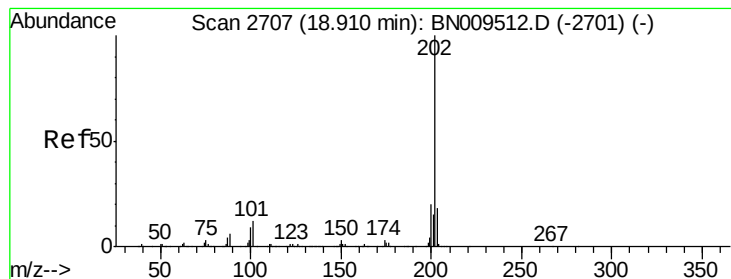
mohammad
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#71
Anthracene
Concen: 131.484 ng/ul
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Tgt Ion:178 Resp: 6393334
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.6
176 17.7 14.6 22.0





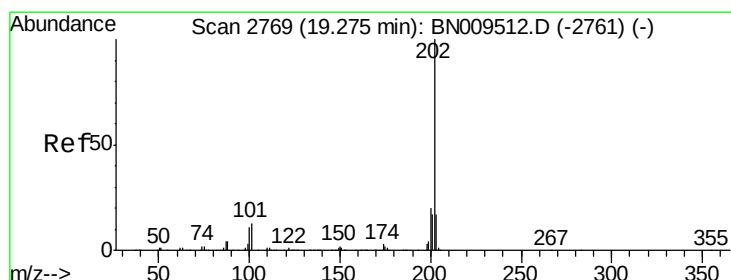
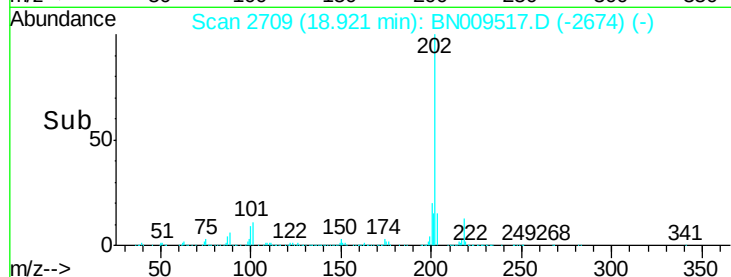
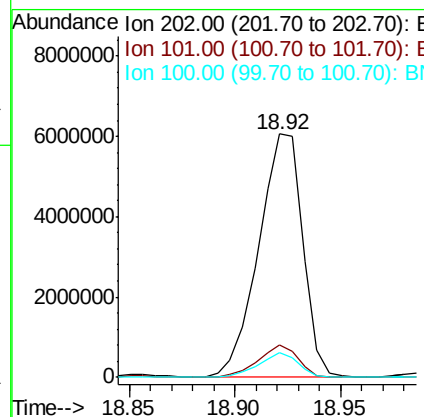
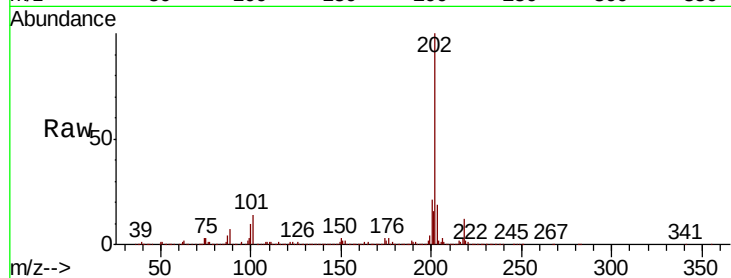
#76
 Fluoranthene
 Concen: 160.103 ng/ul
 RT: 18.92 min Scan# 2709
 Delta R.T. 0.01 min
 Lab File: BN009517.D
 Acq: 31 Jan 2020 18:48

Instrument :
 BNA_N
 ClientSampleId :
 GAT01

Tot Ion:	202	Resp:	8764978
Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.7	14.5
100	10.0	7.1	10.7

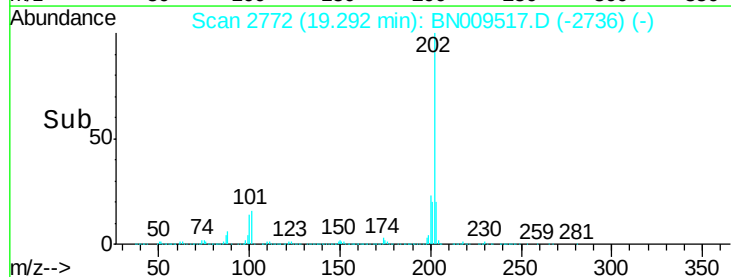
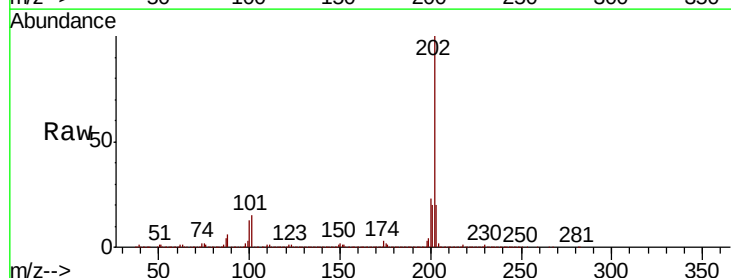
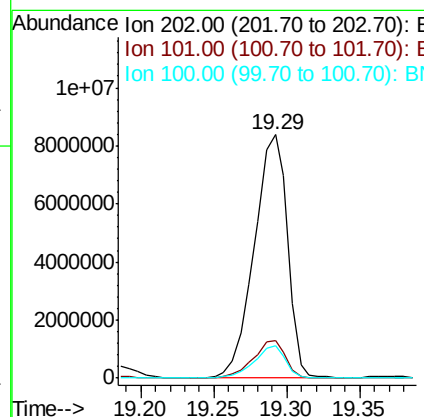
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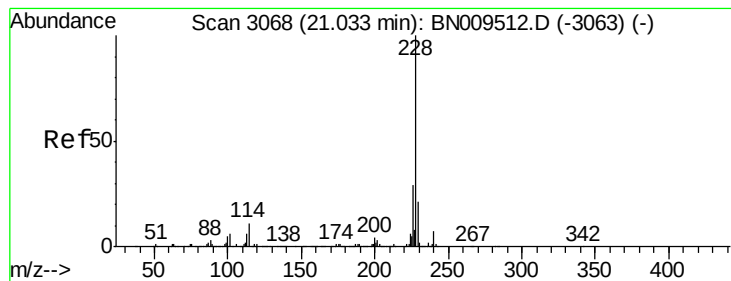
mohammad
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#79
 Pyrene
 Concen: 240.861 ng/ul m
 RT: 19.29 min Scan# 2772
 Delta R.T. 0.01 min
 Lab File: BN009517.D
 Acq: 31 Jan 2020 18:48

Tgt Ion:	202	Resp:	13267862
Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.9	16.3
100	13.2	8.6	12.8#





#82

Benzo(a)anthracene

Concen: 93.100 ng/ul

RT: 21.04 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

Instrument :

BNA_N

ClientSampleId :

GAT01

Tot Ion:228 Resp: 4823291

Ion Ratio Lower Upper

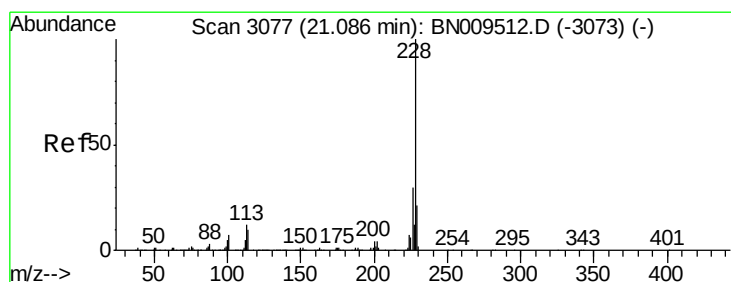
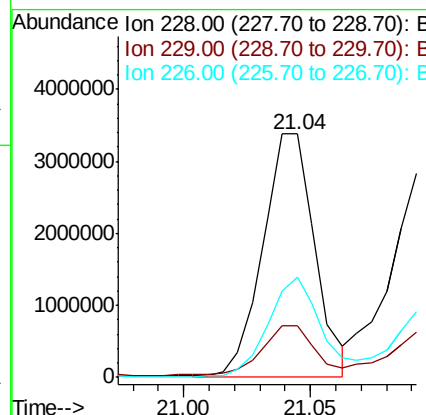
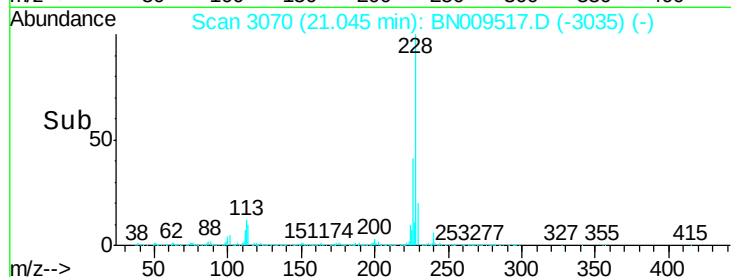
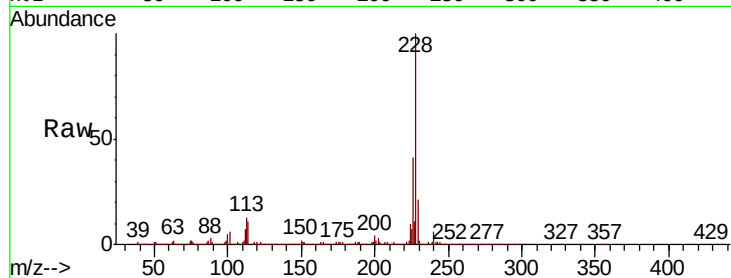
228 100

229 21.0 15.9 23.9

226 41.2 20.9 31.3#

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#84

Chrysene

Concen: 79.805 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

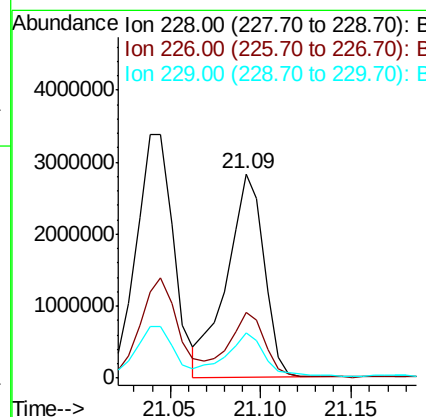
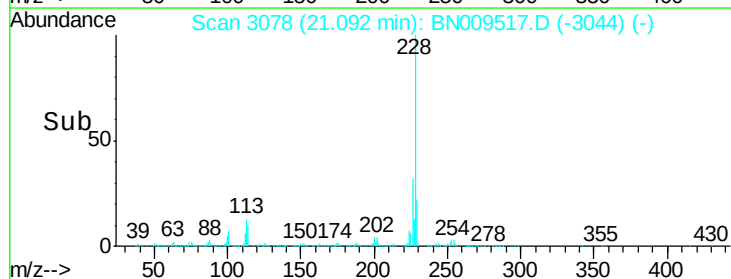
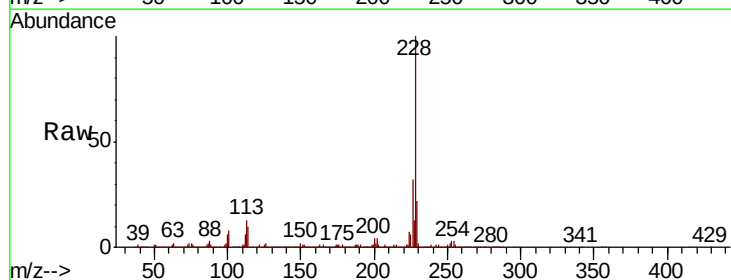
Tgt Ion:228 Resp: 4027553

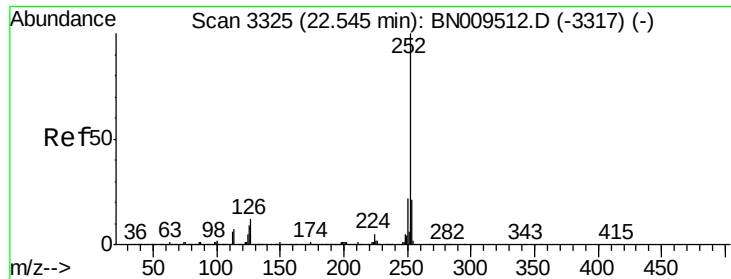
Ion Ratio Lower Upper

228 100

226 32.1 22.9 34.3

229 22.3 15.4 23.0





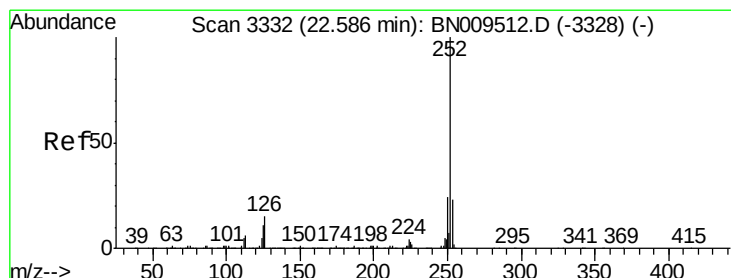
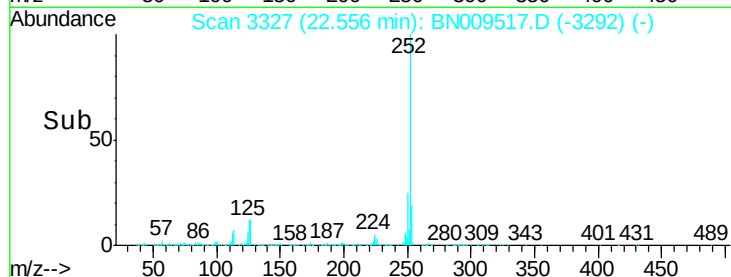
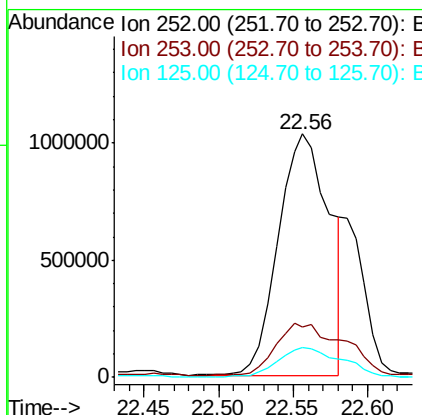
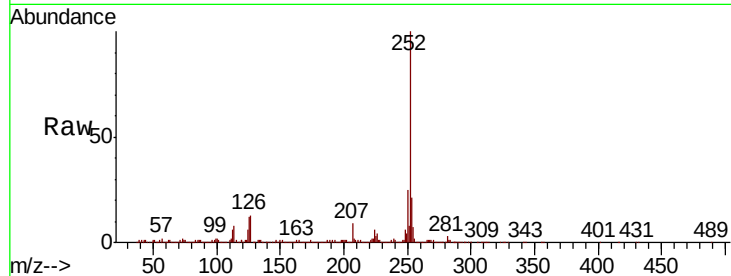
#87
Benzo(b)fluoranthene
Concen: 47.289 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. 0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Instrument :
BNA_N
ClientSampled :
GAT01

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.5	24.7
125	12.0	8.2	12.2

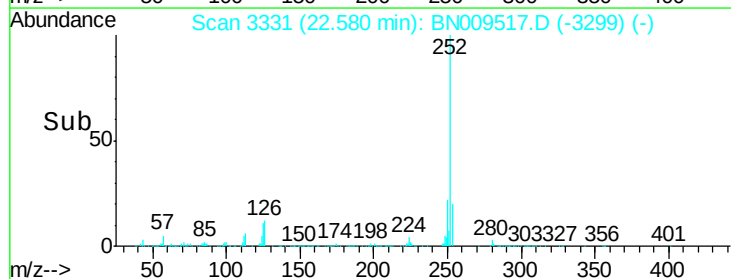
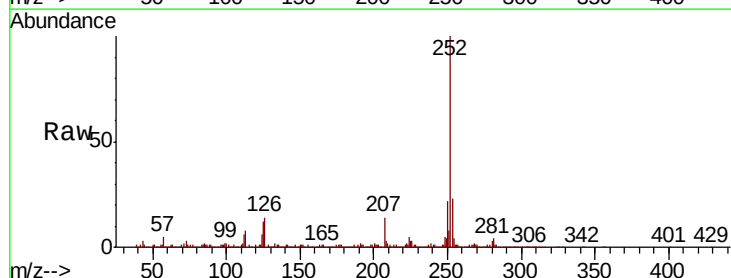
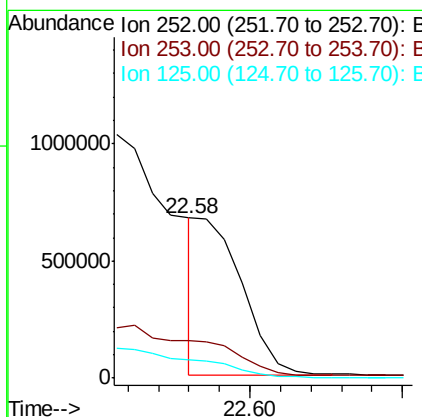
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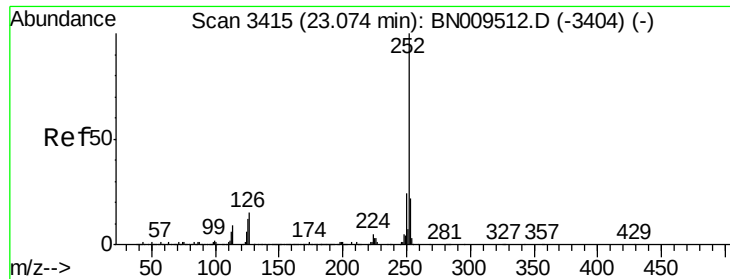
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#88
Benzo(k)fluoranthene
Concen: 13.006 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. -0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	11.8	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 51.092 ng/ul

RT: 23.09 min Scan# 3417

Delta R.T. 0.01 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

Instrument :

BNA_N

ClientSampleId :

GAT01

Tot Ion:252 Resp: 2377618

Ion Ratio Lower Upper

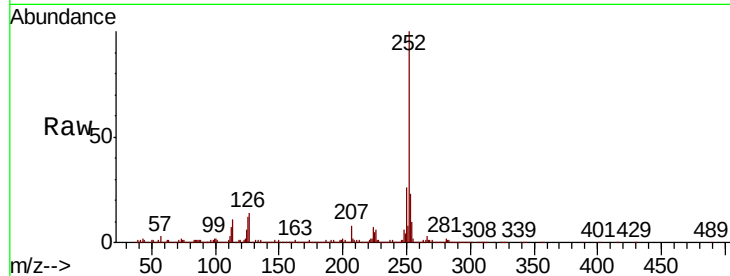
252 100

253 23.4 18.0 27.0

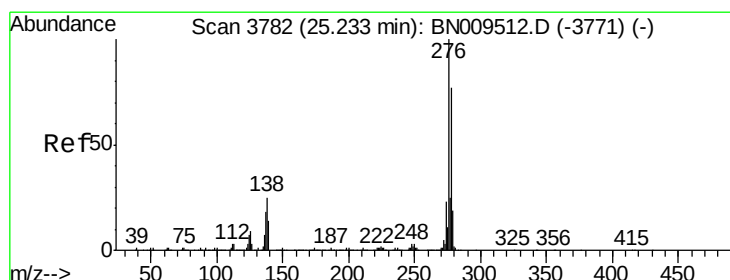
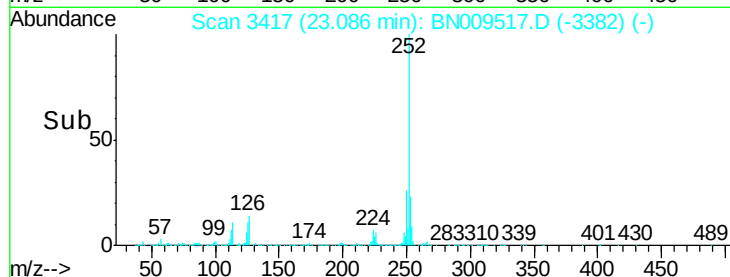
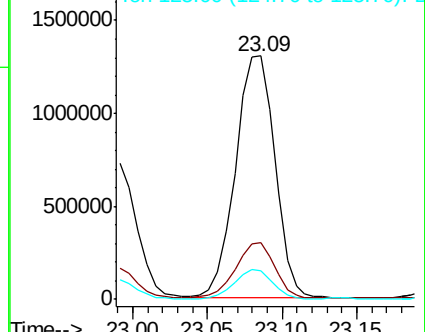
125 11.6 9.8 14.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 16.214 ng/ul

RT: 25.24 min Scan# 3783

Delta R.T. -0.01 min

Lab File: BN009517.D

Acq: 31 Jan 2020 18:48

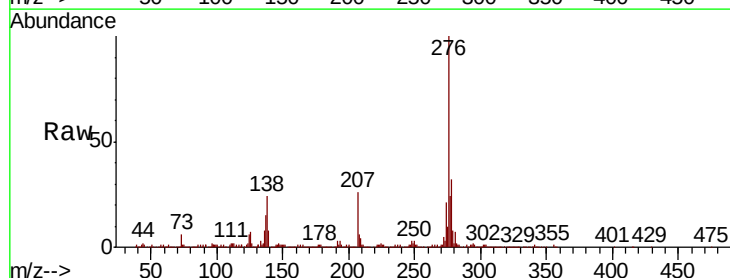
Tgt Ion:276 Resp: 914423

Ion Ratio Lower Upper

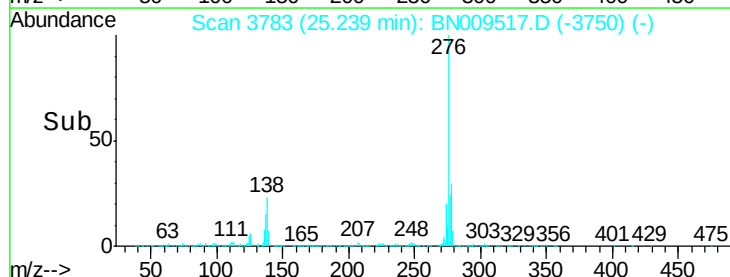
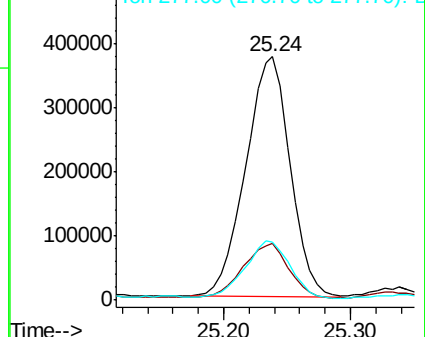
276 100

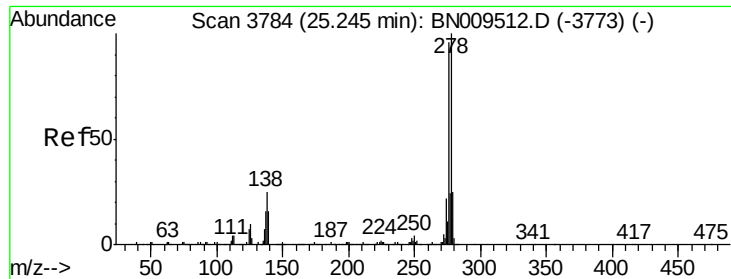
138 23.5 21.4 32.0

277 24.0 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





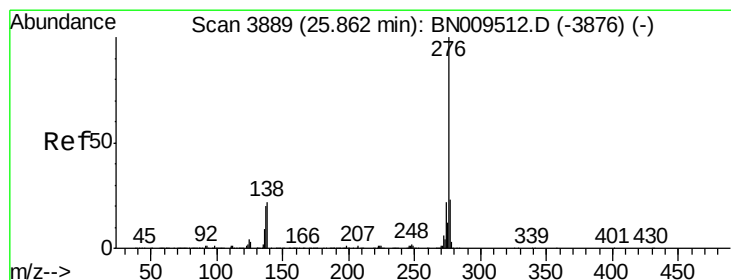
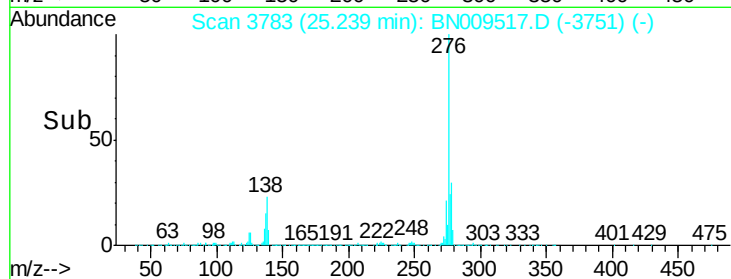
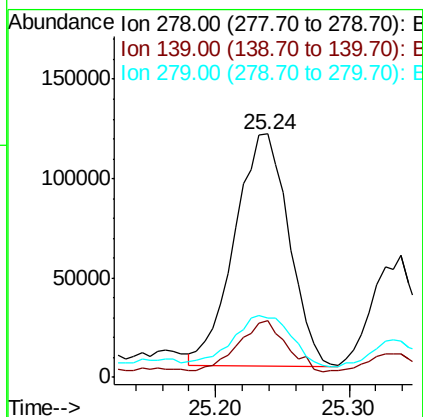
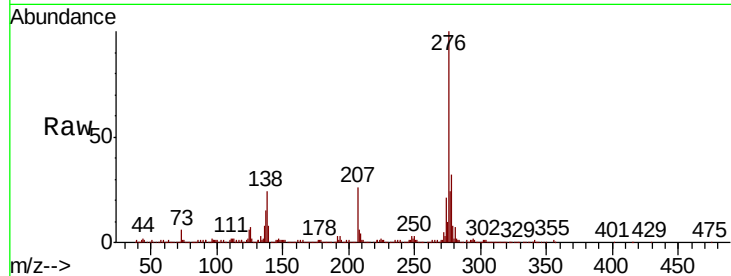
#92
Dibenzo(a,h)anthracene
Concen: 6.927 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. -0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Instrument :
BNA_N
ClientSampleId :
GAT01

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.9	20.9#
279	24.6	19.3	28.9

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#93
Benzo(g,h,i)perylene
Concen: 14.806 ng/ul
RT: 25.86 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BN009517.D
Acq: 31 Jan 2020 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.6	24.8
277	23.7	18.7	28.1

