

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009608.D
 Acq On : 06 Feb 2020 13:56
 Operator : CG/JU
 Sample : L1323-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT54

Manual Integrations
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 2/10/2020 8:19:04 AM

Quant Time: Feb 06 21:56:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	139364	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.18	136	578469	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	353488	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	730635	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	667479	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	729742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7859	2.31	ng/uL	0.00
5) Phenol-d5	6.63	99	149786	12.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	110816	13.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	122378	13.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	118205	12.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	57413	13.35	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	62091	12.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	116402	12.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	111771	11.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	370591	14.36	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	440212	14.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.31	143	43853	9.00	ng/ul	0.00
57) Fluorene-d10	15.07	176	329160	14.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	46306	10.15	ng/ul	0.00
70) Anthracene-d10	16.93	188	510485	15.38	ng/ul	0.00
78) Pyrene-d10	19.23	212	564325	16.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	575463	16.02	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.66	94	27391	2.109	ng/ul 95
14) Acetophenone	8.26	105	20709	1.337	ng/ul 98
28) Naphthalene	10.23	128	355886	11.345	ng/ul 99
34) 2-Methylnaphthalene	11.86	142	1304811	59.436	ng/ul 100
40) 1,1'-Biphenyl	12.89	154	176352	6.408	ng/ul 98
44) Dimethylphthalate	13.55	163	73820	2.696	ng/ul# 97
47) Acenaphthylene	13.79	152	1050779	30.795	ng/ul 99
49) Acenaphthene	14.13	153	123147	5.309	ng/ul 95
53) Dibenzofuran	14.47	168	85359	2.643	ng/ul 89
58) Fluorene	15.13	166	594403	22.019	ng/ul 97
69) Phenanthrene	16.87	178	3177611	76.261	ng/ul 99
71) Anthracene	16.96	178	597076	14.123	ng/ul 99
76) Fluoranthene	18.90	202	1353970	28.471	ng/ul 98
79) Pyrene	19.26	202	2775376	56.959	ng/ul 97
82) Benzo(a)anthracene	21.03	228	959881m	20.828	ng/ul
84) Chrysene	21.08	228	898005	19.573	ng/ul 99
87) Benzo(b)fluoranthene	22.54	252	736012m	16.121	ng/ul
88) Benzo(k)fluoranthene	22.57	252	244339m	5.434	ng/ul
90) Benzo(a)pyrene	23.07	252	852760	20.159	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.22	276	329531	6.552	ng/ul 96
92) Dibenzo(a,h)anthracene	25.22	278	111970	2.645	ng/ul# 91
93) Benzo(a,h,i)perylene	25.84	276	303240	7.194	ng/ul# 91

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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

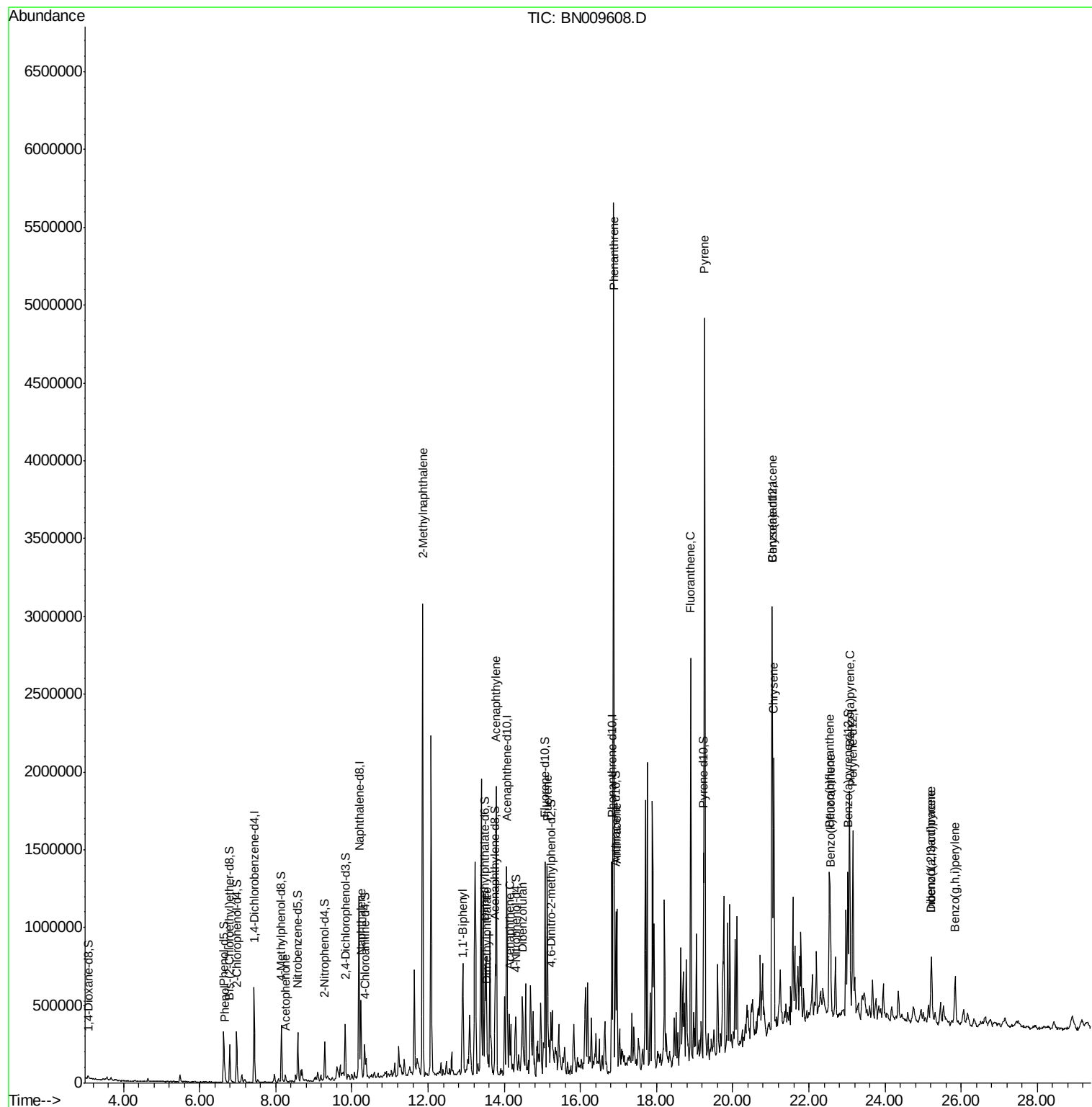
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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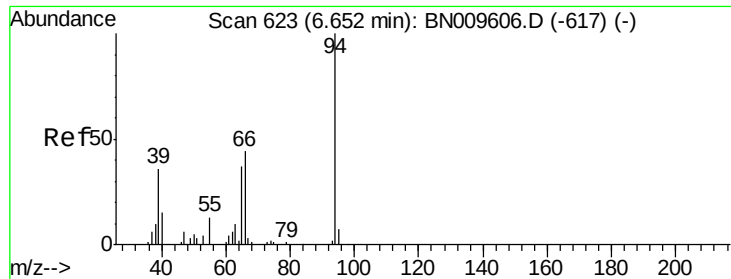
Instrument :
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#6

Phenol

Concen: 2.109 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

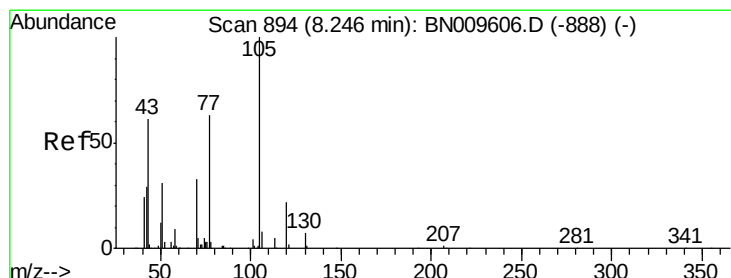
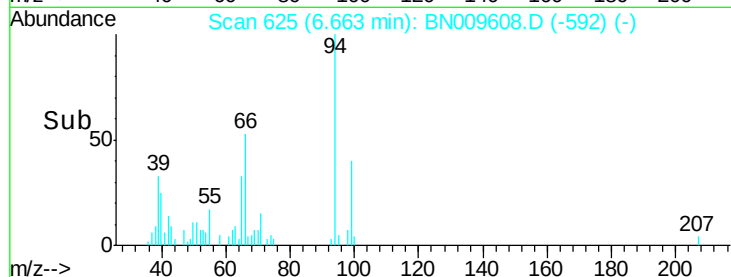
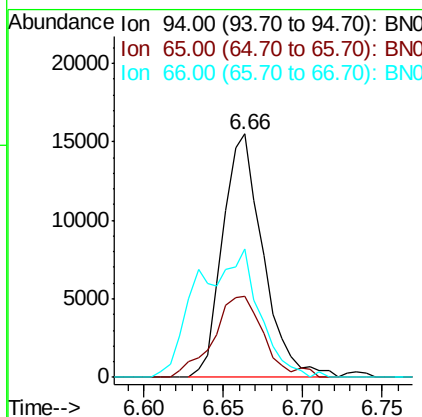
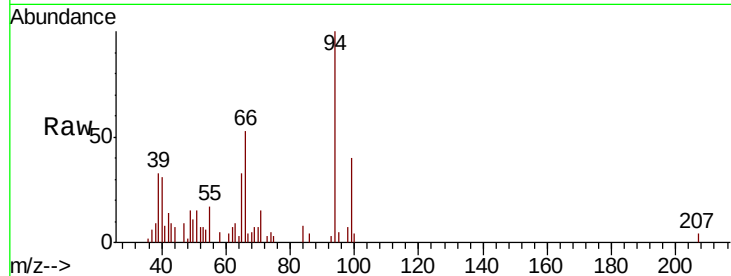
ClientSampled :

GAT54

Tot Ion:	94	Resp:	27391
Ion Ratio	Lower	Upper	
94	100		
65	33.4	29.8	44.6
66	52.6	39.5	59.3

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#14

Acetophenone

Concen: 1.337 ng/ul

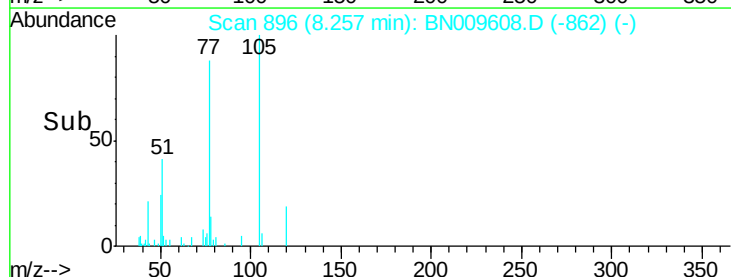
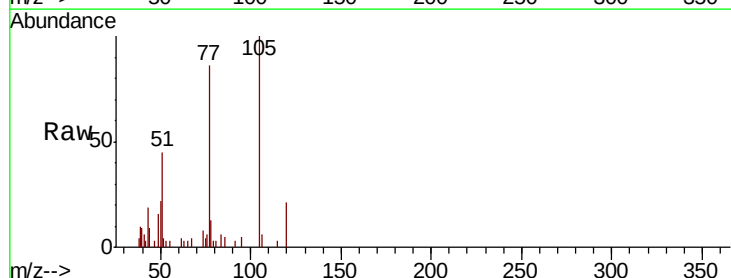
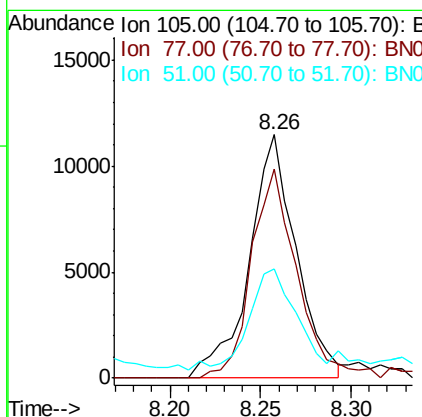
RT: 8.26 min Scan# 896

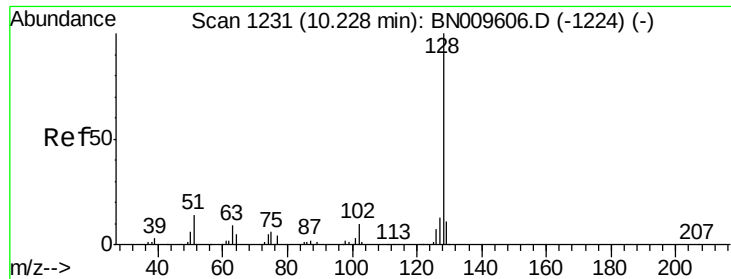
Delta R.T. 0.00 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Tgt Ion:	105	Resp:	20709
Ion Ratio	Lower	Upper	
105	100		
77	85.8	67.7	101.5
51	44.8	34.3	51.5





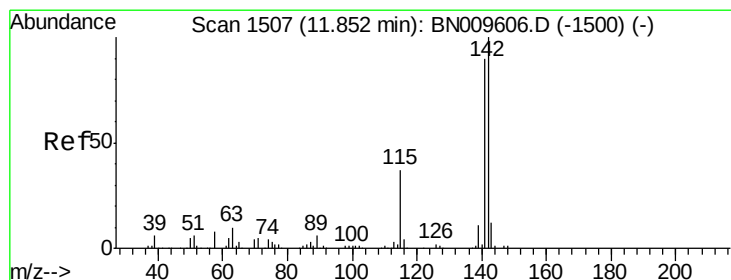
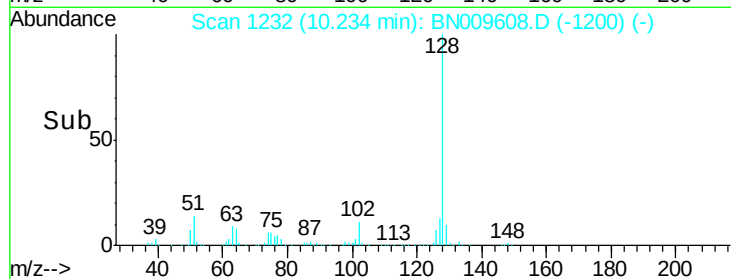
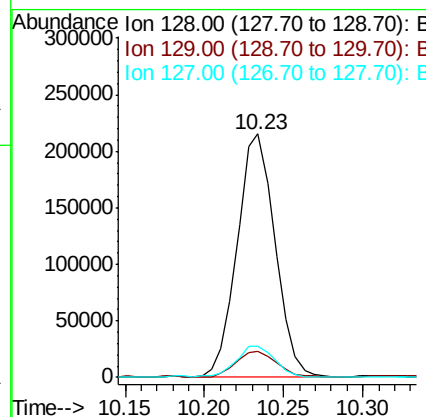
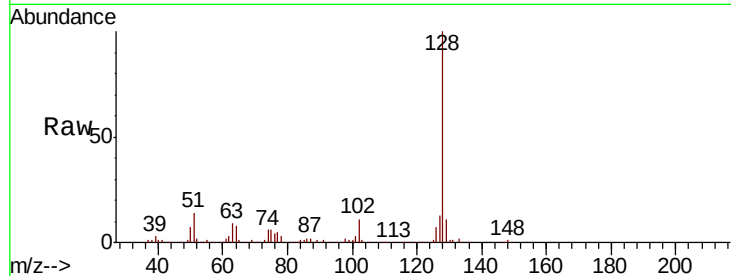
#28
Naphthalene
Concen: 11.345 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.7	10.7	16.1

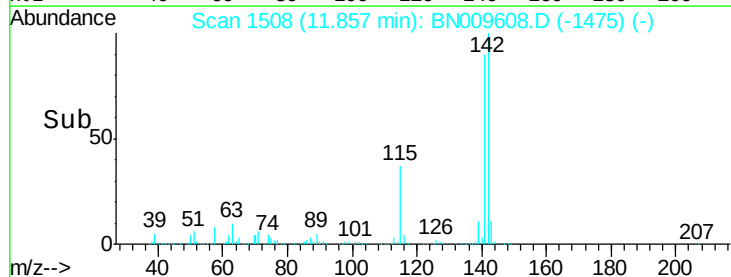
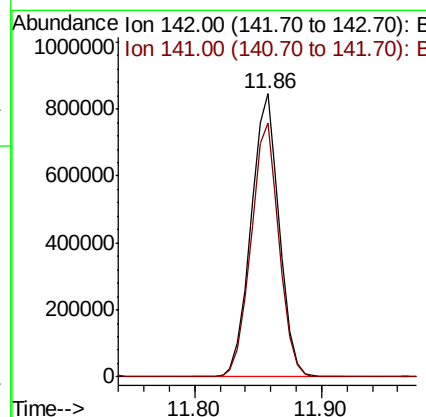
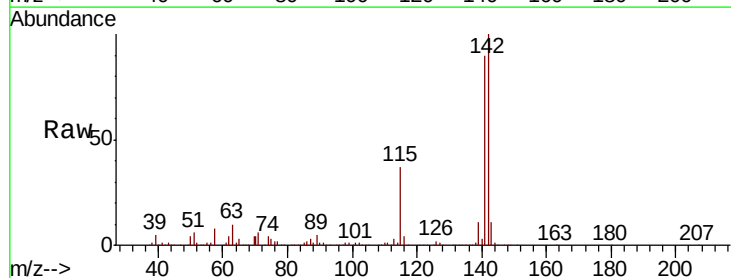
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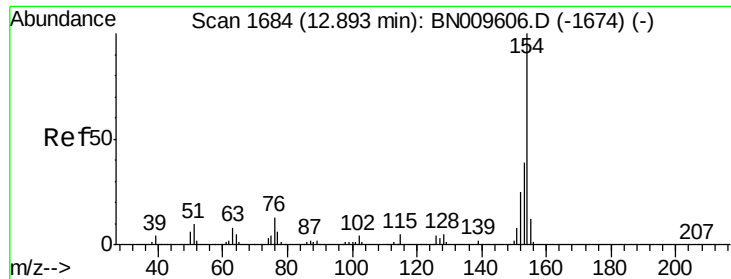
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#34
2-Methylnaphthalene
Concen: 59.436 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.5	107.3





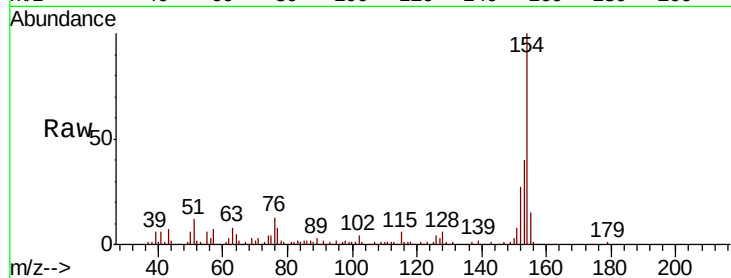
#40
1,1'-Biphenyl
Concen: 6.408 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Instrument :
BNA_N
ClientSampleId :
GAT54

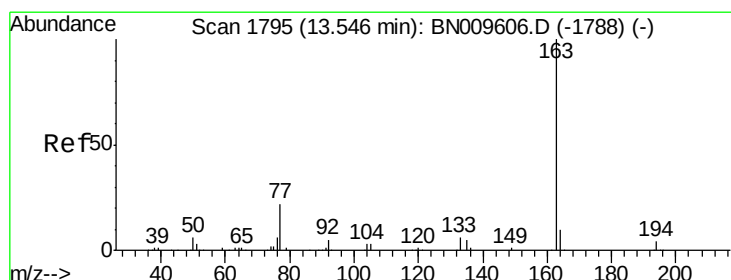
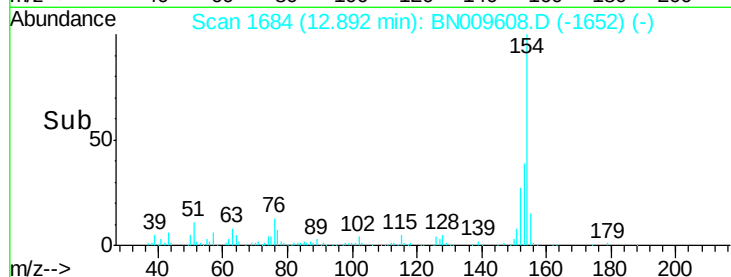
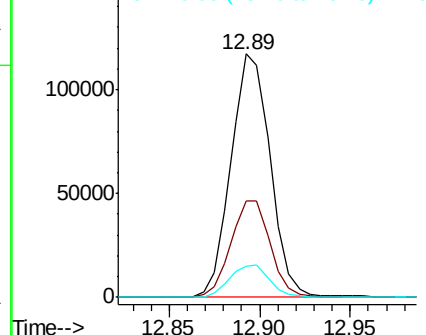
Tot Ion:	154	Resp:	176352
Ion Ratio	Lower	Upper	
154	100		
153	39.7	31.2	46.8
76	12.7	11.4	17.2

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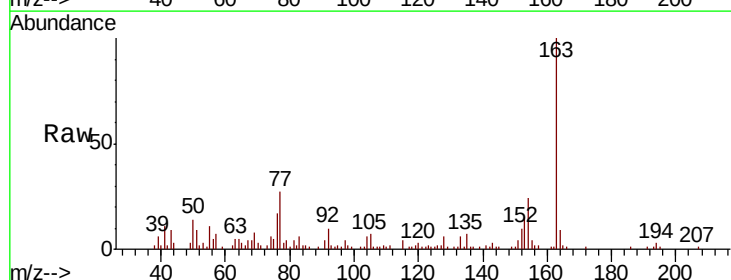


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC

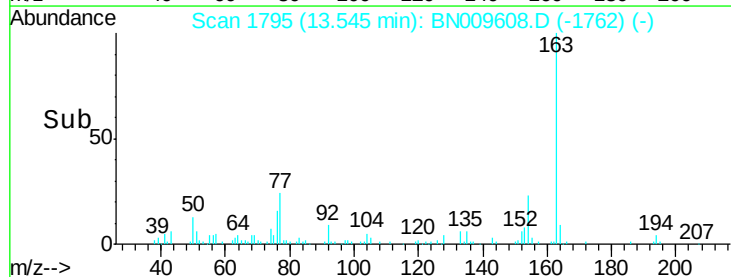
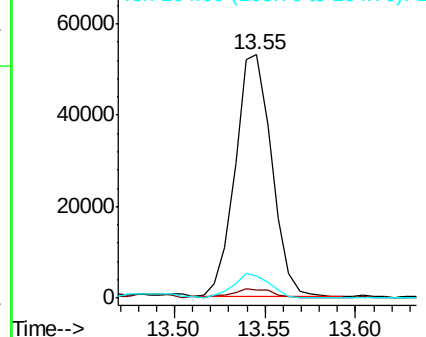


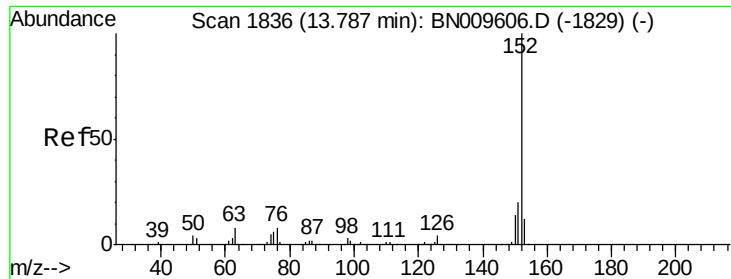
#44
Dimethylphthalate
Concen: 2.696 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Tgt Ion:	163	Resp:	73820
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.5	5.3#
164	9.0	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 30.795 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

ClientSampled :

GAT54

Tot Ion:152 Resp: 1050779

Ion Ratio Lower Upper

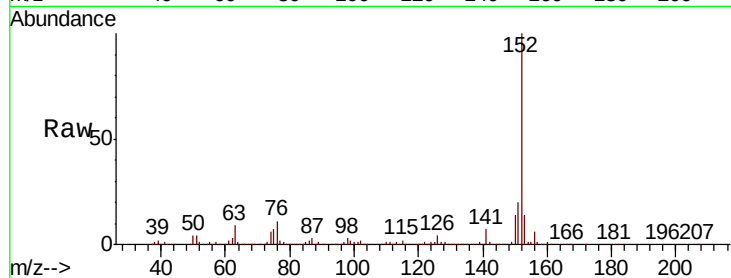
152 100

151 19.9 16.2 24.2

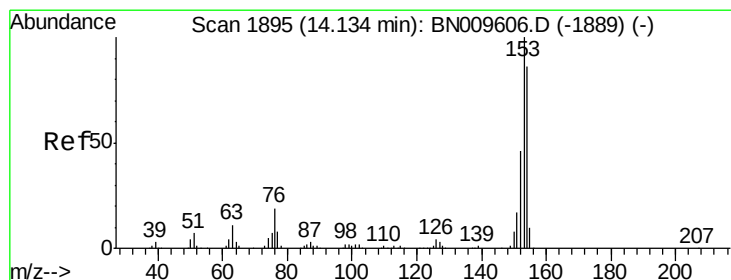
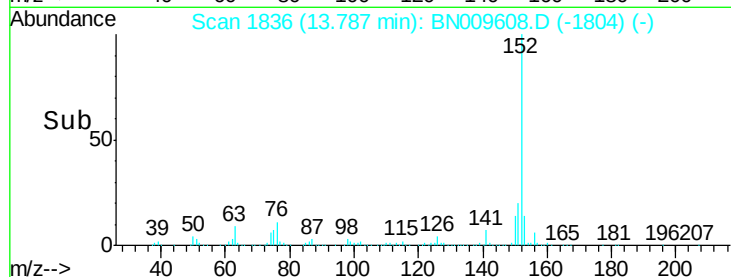
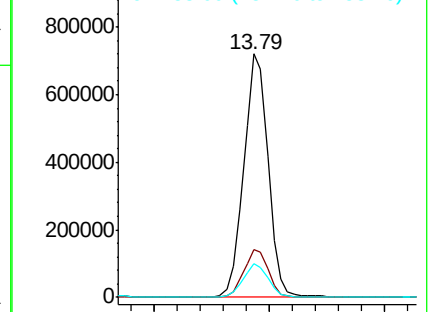
153 14.1 10.6 15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 5.309 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

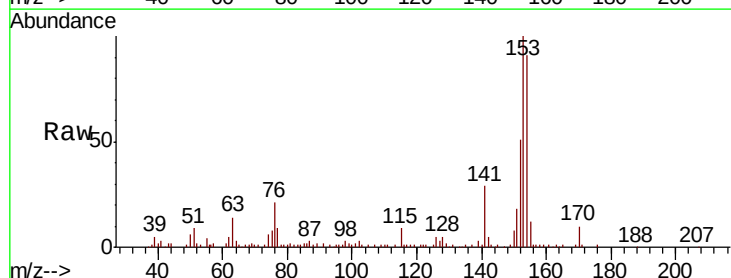
Tgt Ion:153 Resp: 123147

Ion Ratio Lower Upper

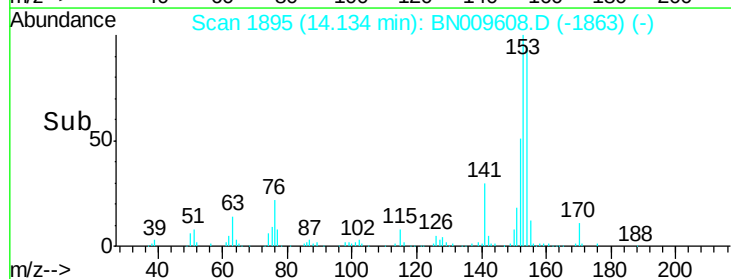
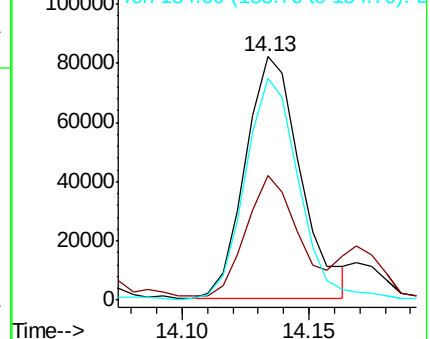
153 100

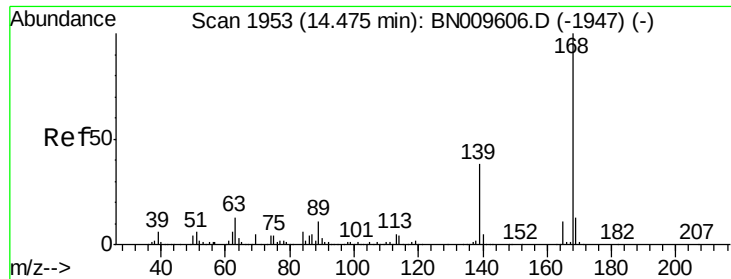
152 51.2 37.3 55.9

154 91.2 70.2 105.2



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

Dibenzenofuran

Concen: 2.643 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

ClientSampled :

GAT54

Tot Ion:168 Resp: 85359

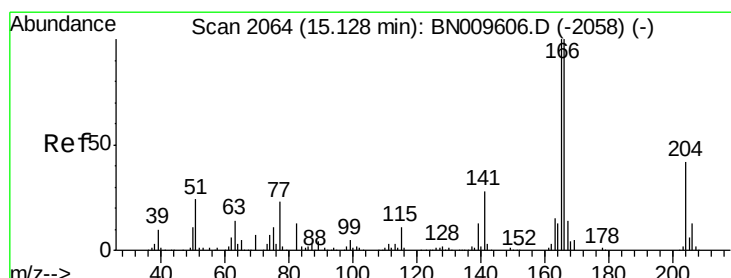
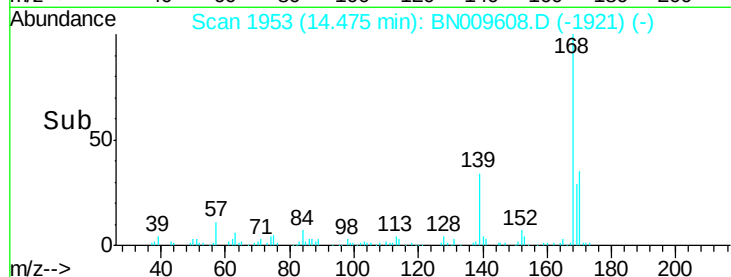
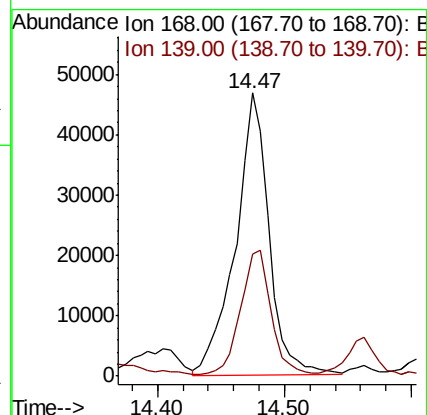
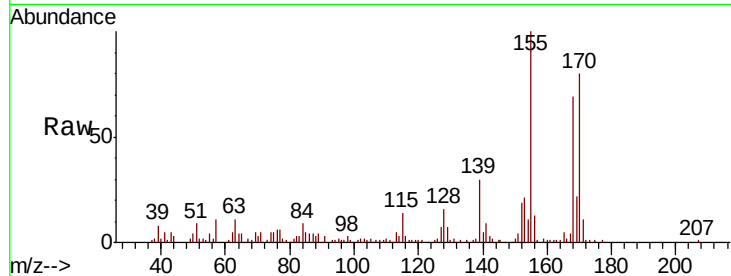
Ion Ratio Lower Upper

168 100

139 43.2 29.5 44.3

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#58

Fluorene

Concen: 22.019 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

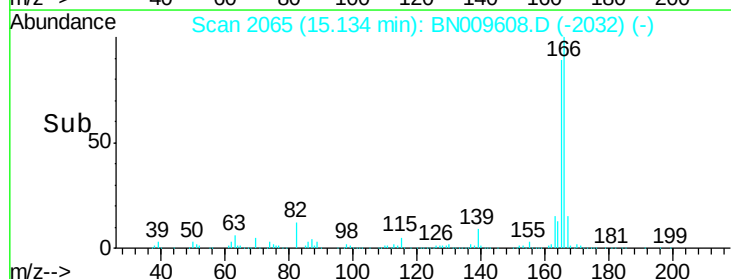
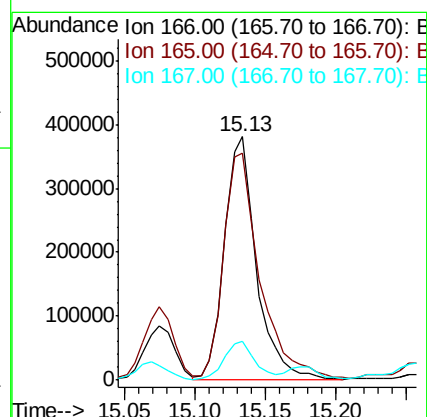
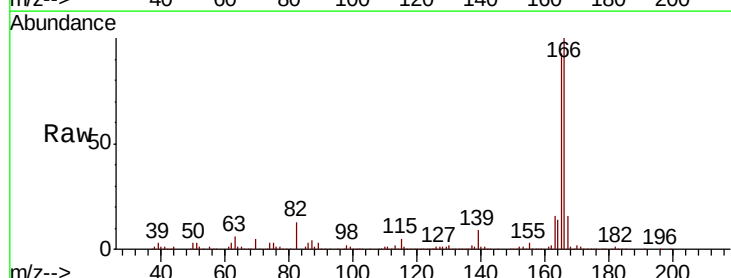
Tgt Ion:166 Resp: 594403

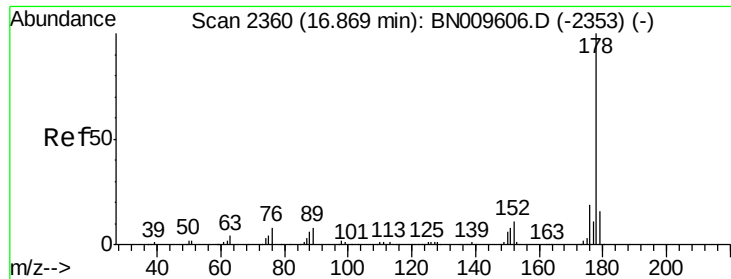
Ion Ratio Lower Upper

166 100

165 93.3 76.7 115.1

167 15.8 11.1 16.7





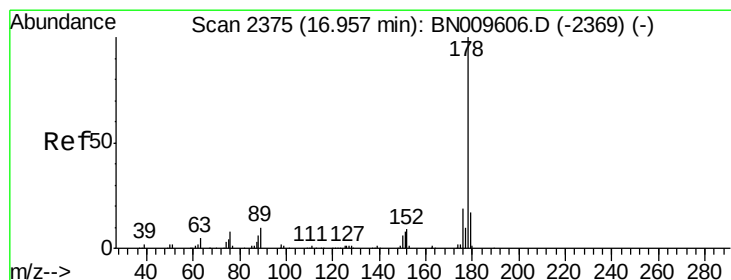
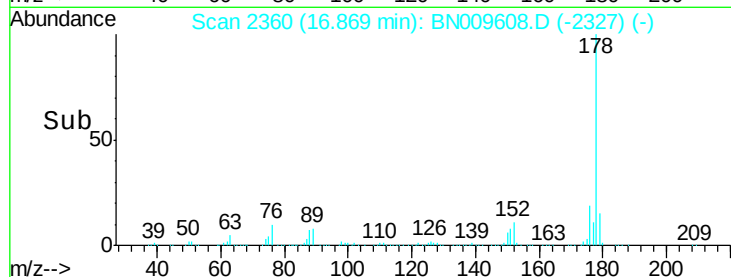
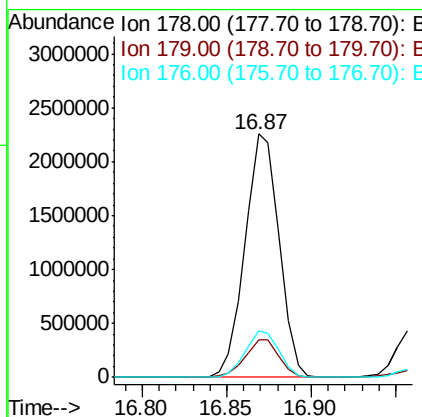
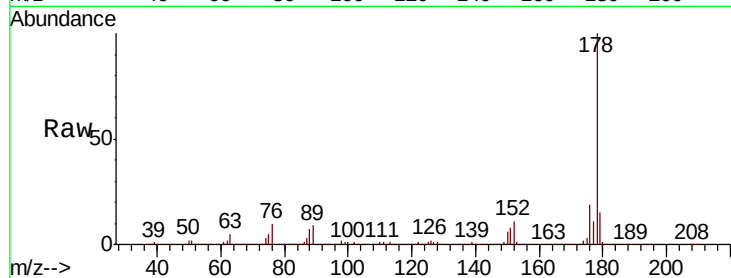
#69
Phenanthrene
Concen: 76.261 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Instrument :
BNA_N
ClientSampleId :
GAT54

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	14.8	22.2

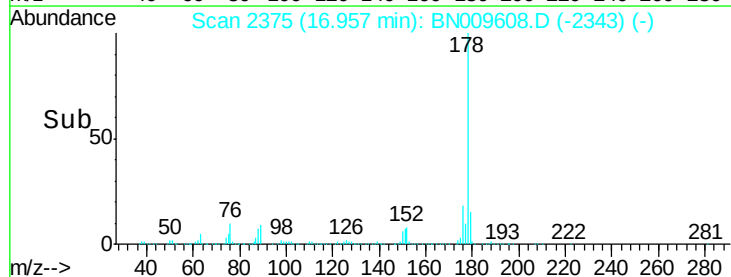
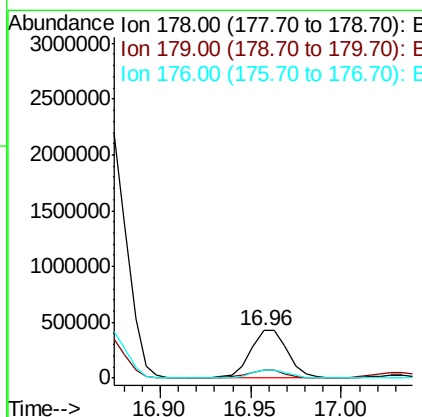
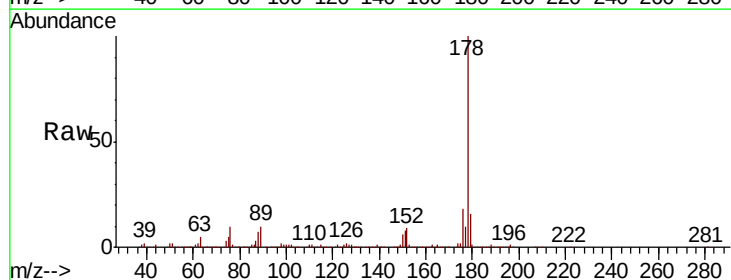
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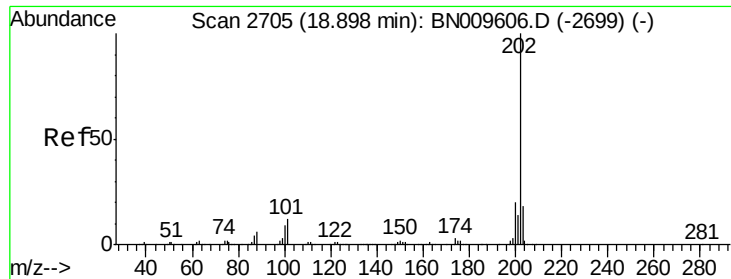
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#71
Anthracene
Concen: 14.123 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.2	14.6	21.8





#76

Fluoranthene

Concen: 28.471 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

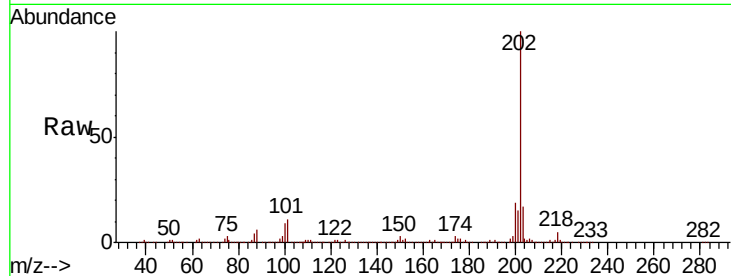
ClientSampled :

GAT54

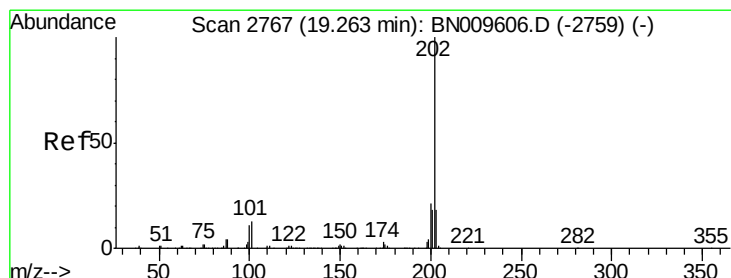
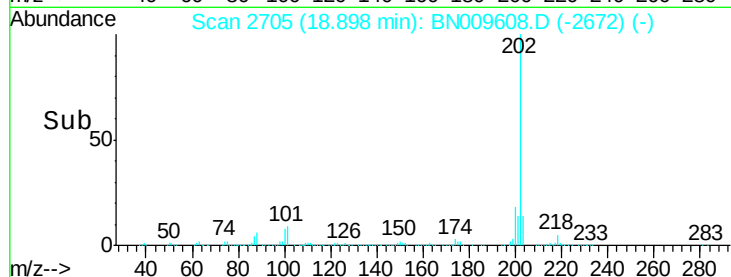
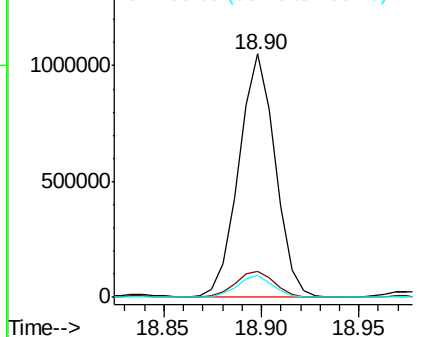
Tot Ion:	202	Resp:	1353970
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.2	13.8
100	8.9	6.9	10.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 56.959 ng/ul

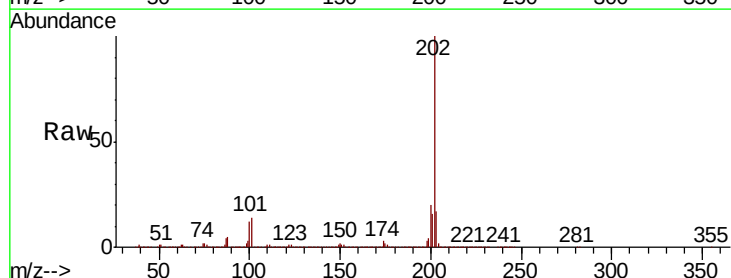
RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

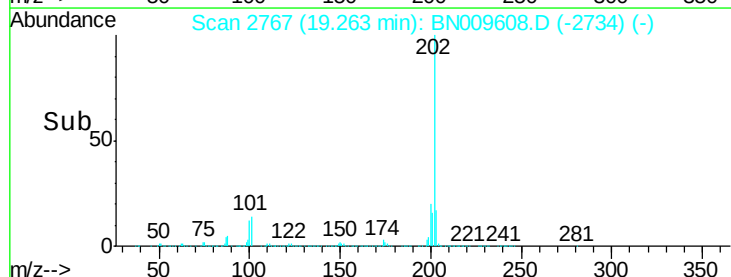
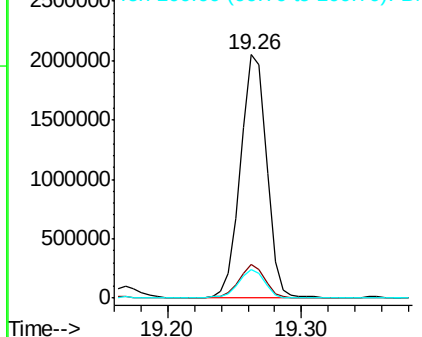
Lab File: BN009608.D

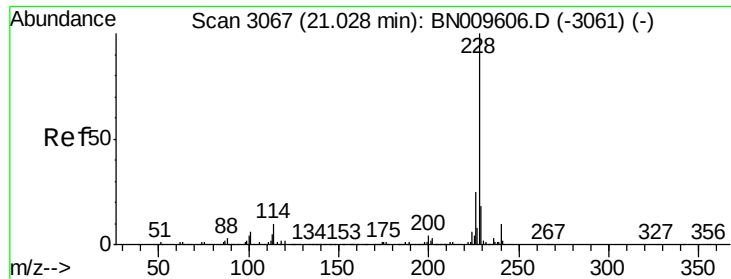
Acq: 06 Feb 2020 13:56

Tgt Ion:	202	Resp:	2775376
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.3	15.5
100	11.7	8.4	12.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 20.828 ng/ul m

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

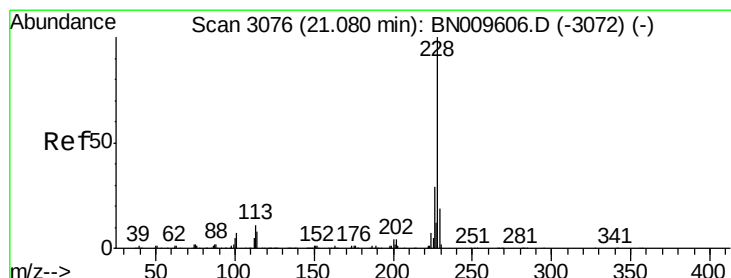
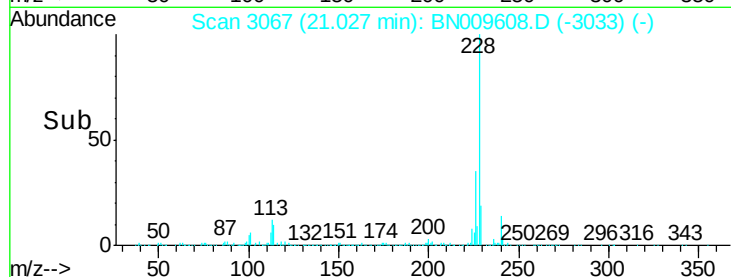
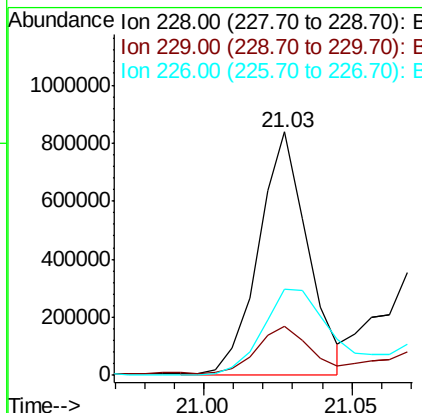
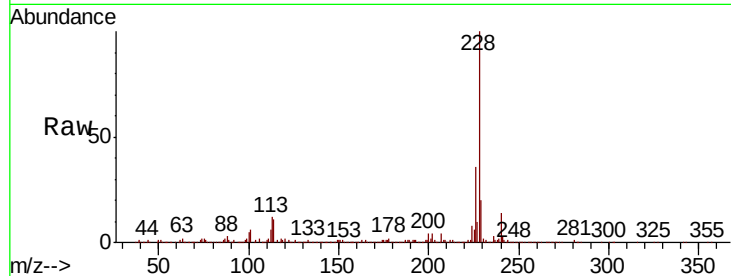
ClientSampleId :

GAT54

Tot Ion:	228	Resp:	959881
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.0	22.4
226	35.5	20.9	31.3#

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#84

Chrysene

Concen: 19.573 ng/ul

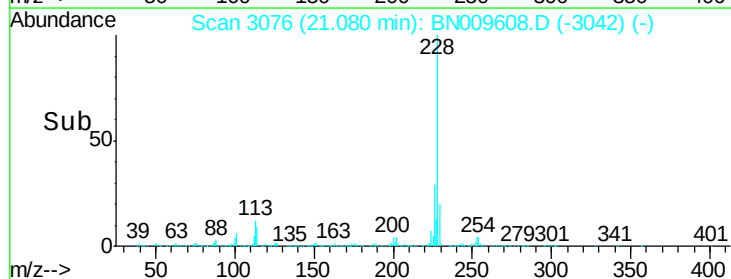
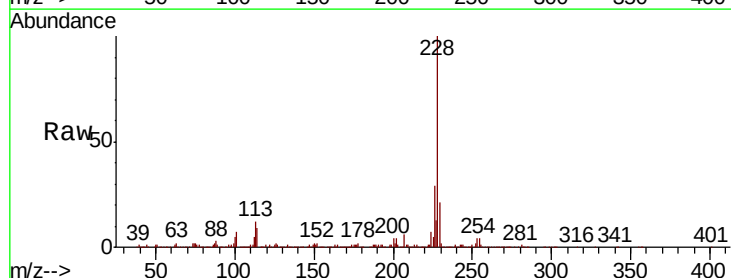
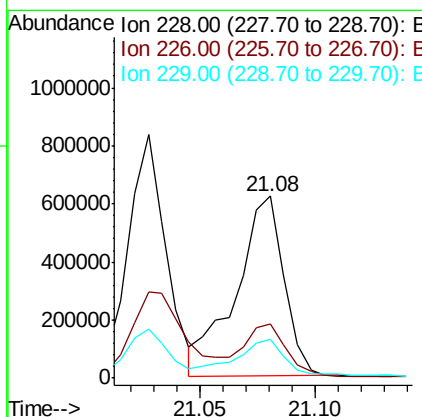
RT: 21.08 min Scan# 3076

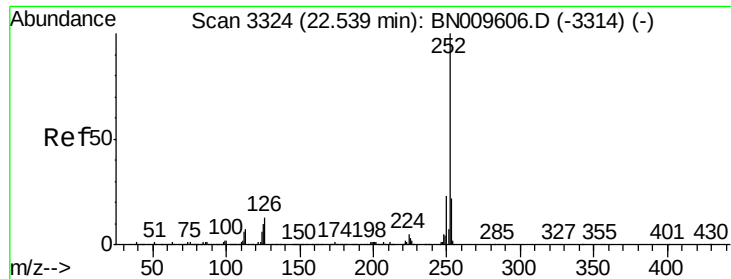
Delta R.T. 0.00 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Tgt Ion:	228	Resp:	898005
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.5	35.3
229	21.0	15.8	23.8





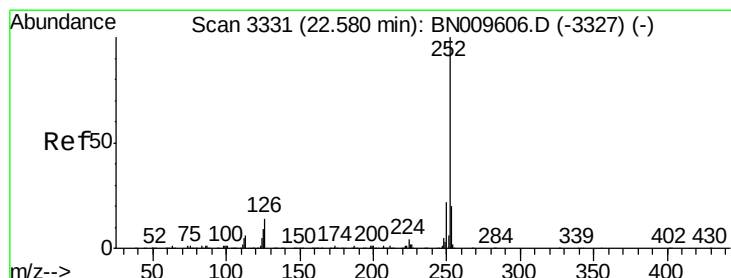
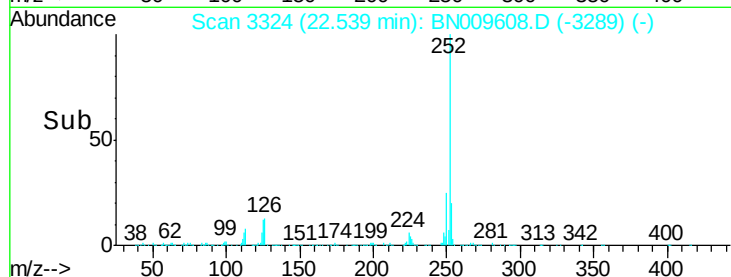
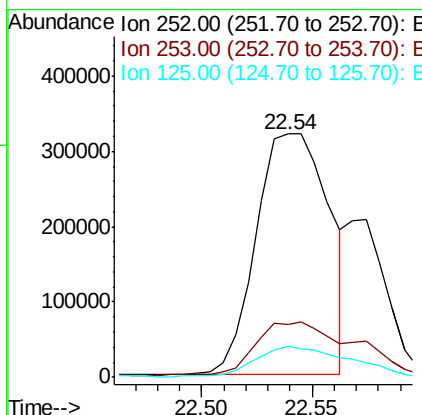
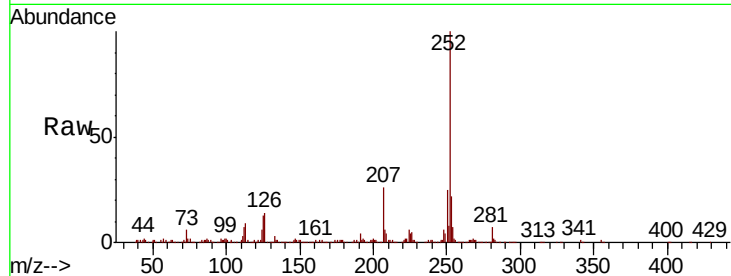
#87
Benzo(b)fluoranthene
Concen: 16.121 ng/ul m
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Instrument :
BNA_N
ClientSampled :
GAT54

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.8	8.2	12.2#

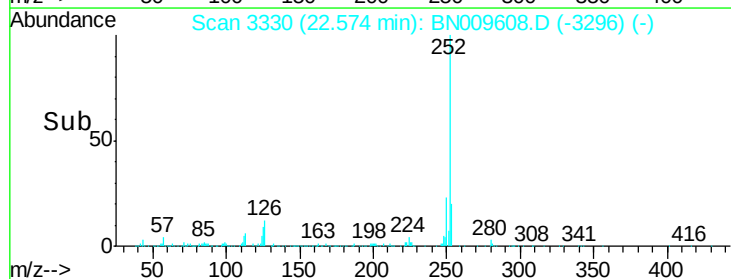
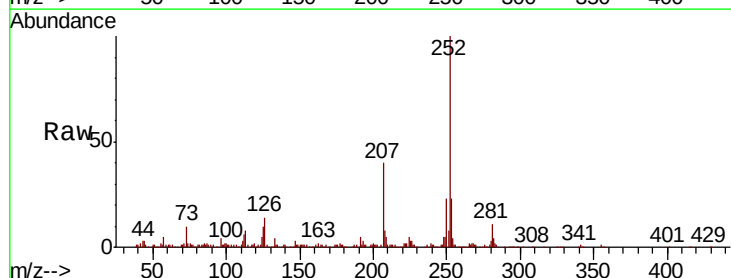
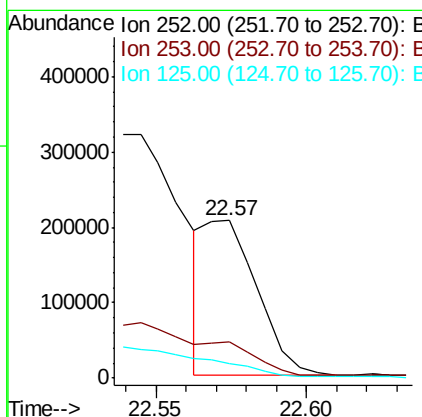
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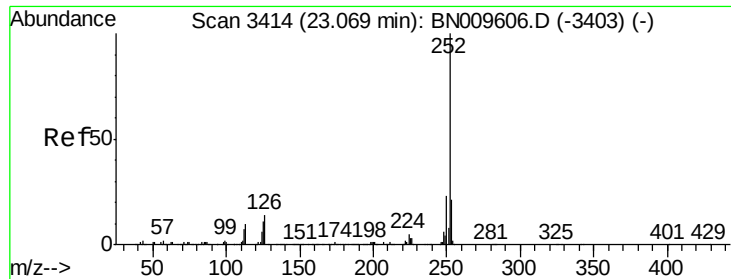
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#88
Benzo(k)fluoranthene
Concen: 5.434 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	9.5	8.0	12.0





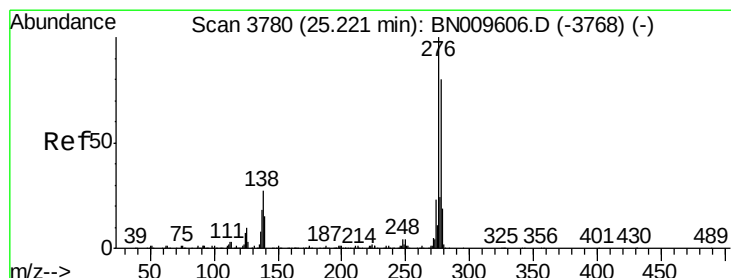
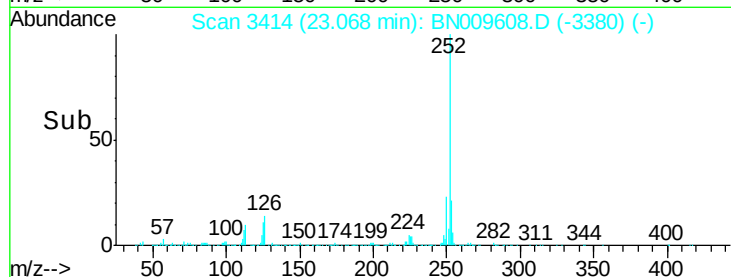
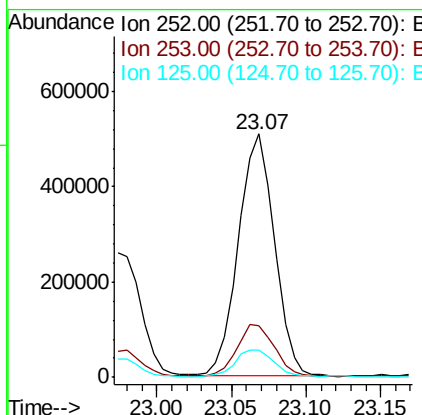
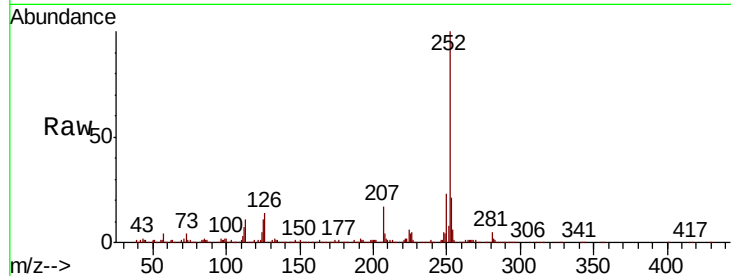
#90
Benzo(a)pyrene
Concen: 20.159 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Instrument :
BNA_N
ClientSampleId :
GAT54

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.8	23.8
125	11.3	8.7	13.1

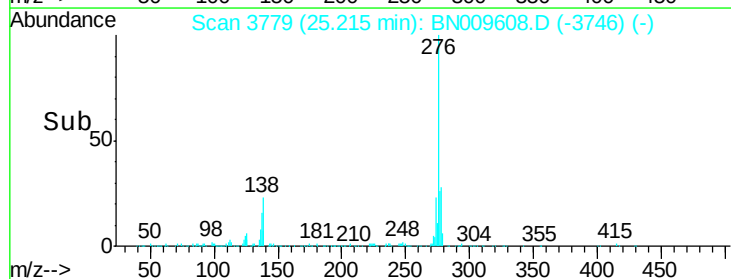
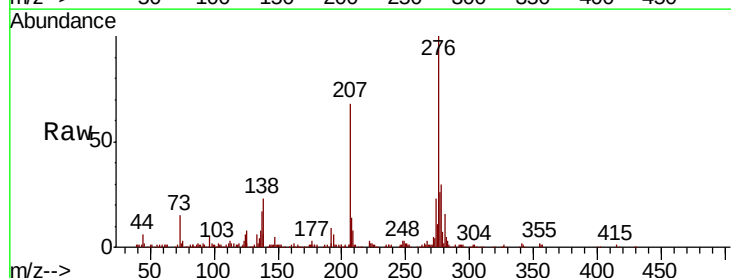
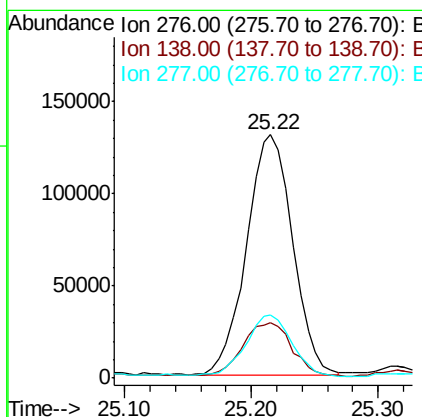
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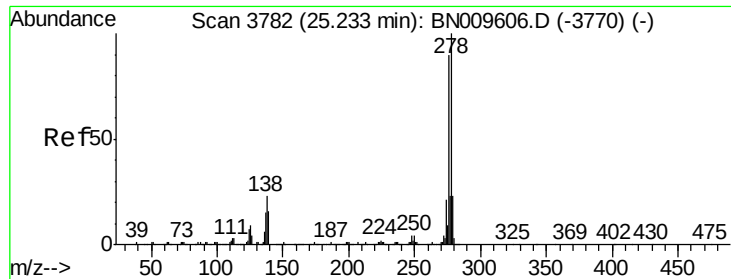
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#91
Indeno(1,2,3-cd)pyrene
Concen: 6.552 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009608.D
Acq: 06 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
277	25.8	21.2	31.8





#92

Dibenzo(a,h)anthracene

Concen: 2.645 ng/ul

RT: 25.22 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Instrument :

BNA_N

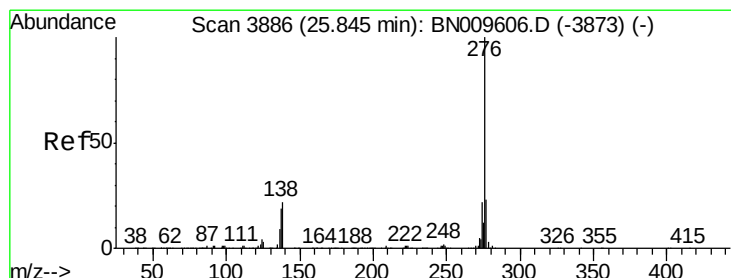
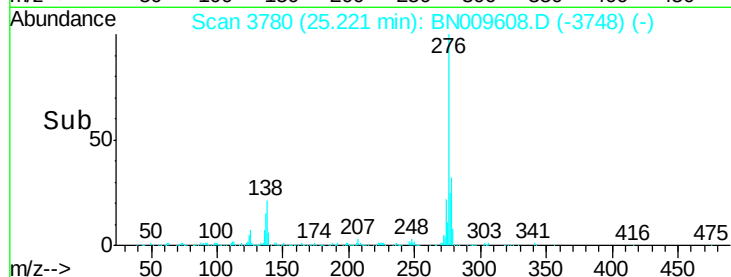
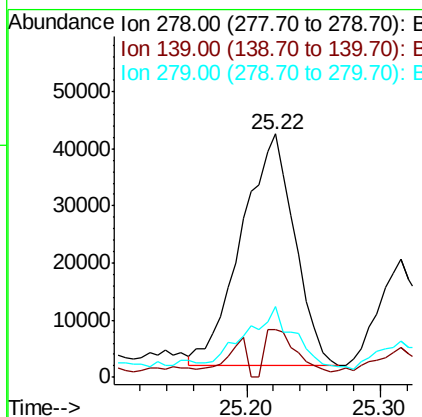
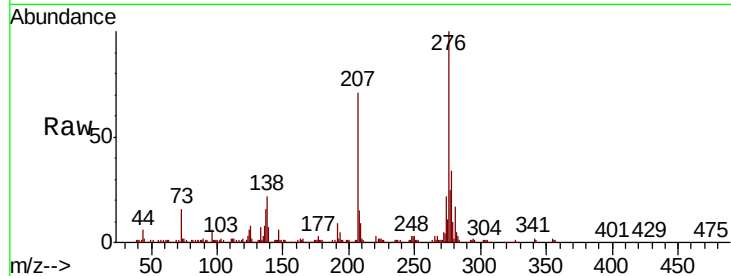
ClientSampled :

GAT54

Tot Ion:	278	Resp:	111970
Ion Ratio	Lower	Upper	
278	100		
139	19.6	12.7	19.1#
279	29.0	19.8	29.8

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 7.194 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009608.D

Acq: 06 Feb 2020 13:56

Tgt Ion:	276	Resp:	303240
Ion Ratio	Lower	Upper	
276	100		
138	24.5	16.0	24.0#
277	25.1	17.0	25.6

