

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009609.D
 Acq On : 06 Feb 2020 14:32
 Operator : CG/JU
 Sample : L1323-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT56

Manual Integrations
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 2/10/2020 8:19:14 AM

Quant Time: Feb 06 22:04:39 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	139187	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	569154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	349430	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	686378	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	624308	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	724358	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	15152	4.47	ng/uL	0.00
5) Phenol-d5	6.63	99	283111	23.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	204102	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	229097	25.64	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	221715	22.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	115206	27.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	126491	26.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	217043	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	290402	30.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	671208	26.31	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	808110	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	94605	19.64	ng/ul	0.00
57) Fluorene-d10	15.07	176	575828	25.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	79639	18.58	ng/ul	0.01
70) Anthracene-d10	16.93	188	883682	28.33	ng/ul	0.00
78) Pyrene-d10	19.24	212	919779	28.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	988069	27.70	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.25	128	23760745m	769.835	ng/ul
34) 2-Methylnaphthalene	11.87	142	7380095	341.678	ng/ul 99
40) 1,1'-Biphenyl	12.90	154	1239645	45.564	ng/ul 99
47) Acenaphthylene	13.79	152	4166897	123.538	ng/ul 99
49) Acenaphthene	14.14	153	361629	15.771	ng/ul 98
53) Dibenzofuran	14.47	168	379933	11.899	ng/ul 92
58) Fluorene	15.14	166	2621381	98.234	ng/ul 100
69) Phenanthrene	16.89	178	11541425	294.850	ng/ul 98
71) Anthracene	16.96	178	2694566	67.844	ng/ul 99
74) Carbazole	17.24	167	125106	3.618	ng/ul 96
76) Fluoranthene	18.90	202	4631047	103.660	ng/ul 97
79) Pyrene	19.27	202	6936055	152.192	ng/ul 99
82) Benzo(a)anthracene	21.03	228	2369575m	54.972	ng/ul
84) Chrysene	21.08	228	2088353	48.666	ng/ul 98
87) Benzo(b)fluoranthene	22.55	252	1706444	37.653	ng/ul 99
88) Benzo(k)fluoranthene	22.57	252	488829m	10.952	ng/ul
90) Benzo(a)pyrene	23.07	252	2007241	47.804	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.22	276	774201	15.508	ng/ul 97
92) Dibenzo(a,h)anthracene	25.22	278	218487	5.199	ng/ul# 85
93) Benzo(g,h,i)perylene	25.84	276	747188	17.859	ng/ul 96

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

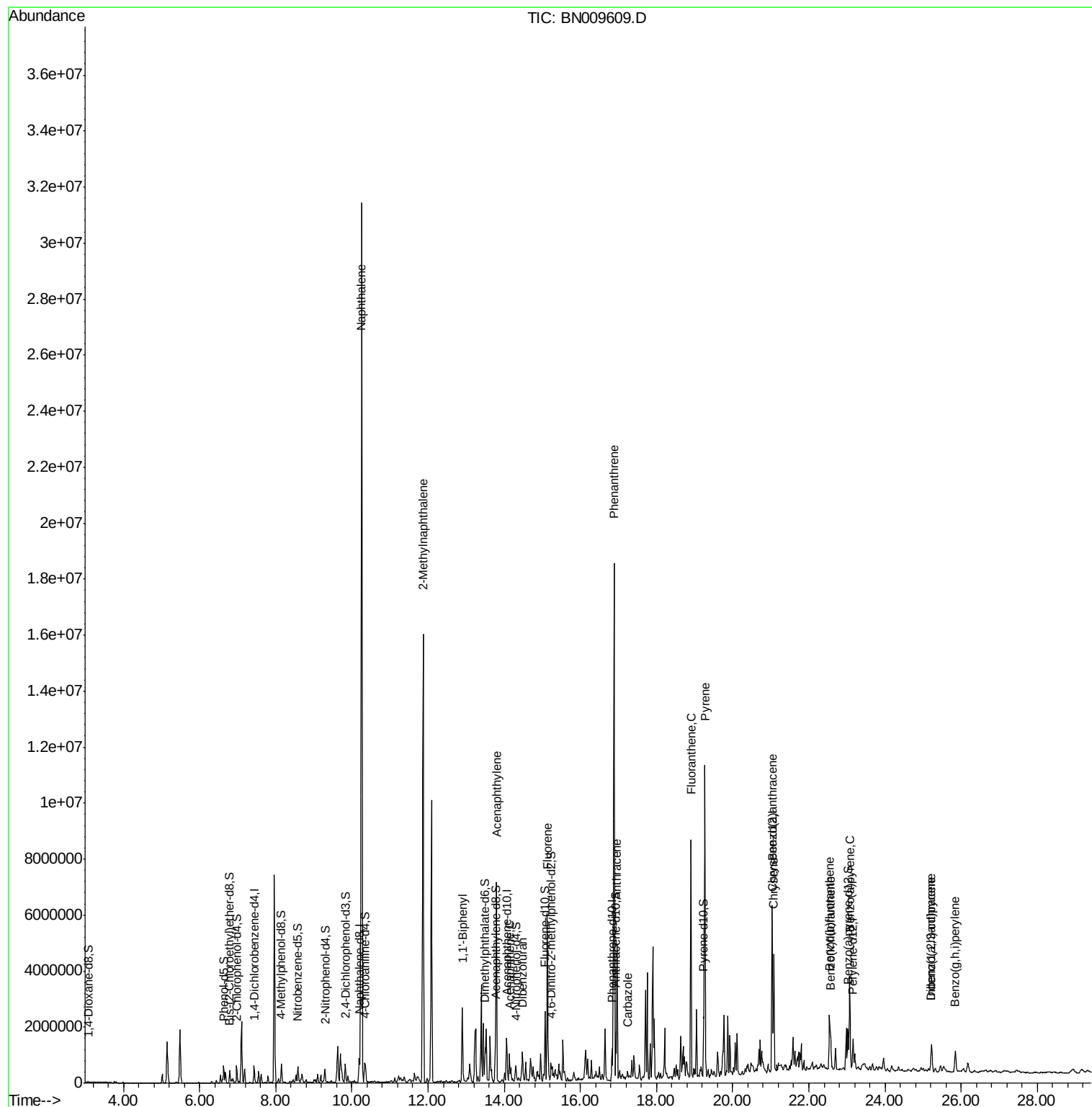
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009609.D
Acq On : 06 Feb 2020 14:32
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

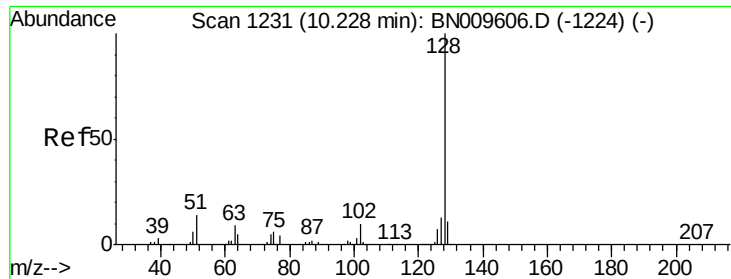
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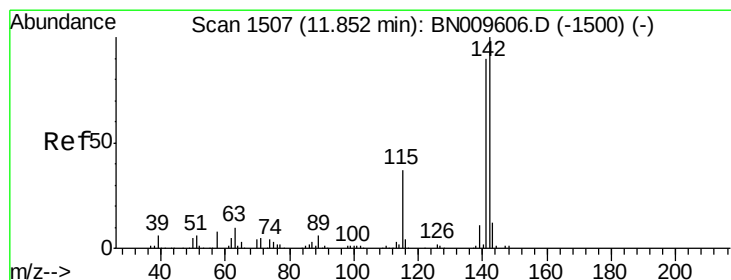
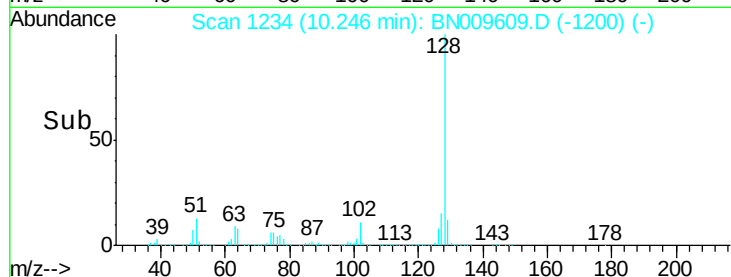
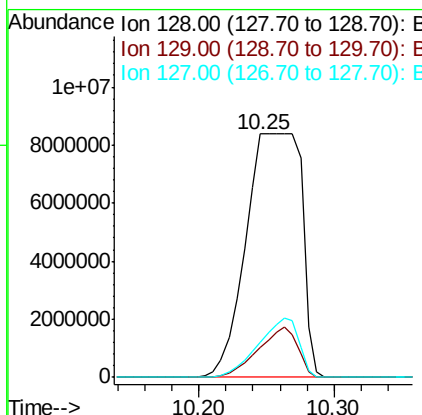
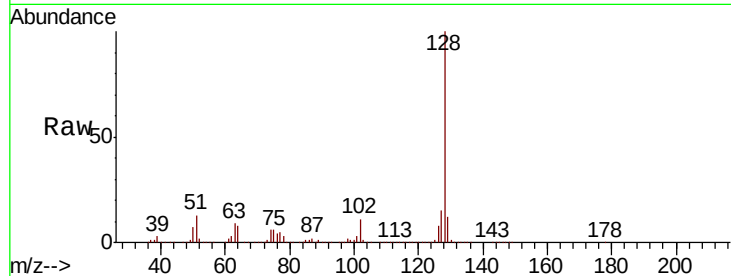
#28
Naphthalene
Concen: 769.835 ng/ul m
RT: 10.25 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :
GAT56

Tot Ion:128 Resp:23760745
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.5 10.7 16.1

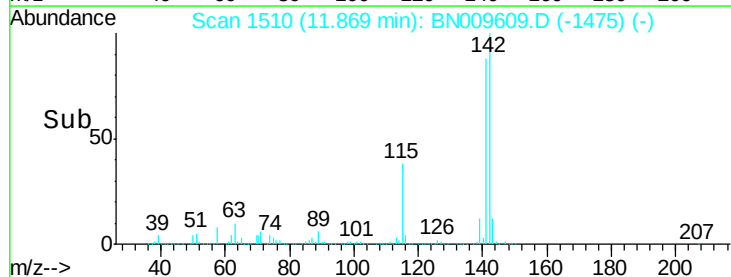
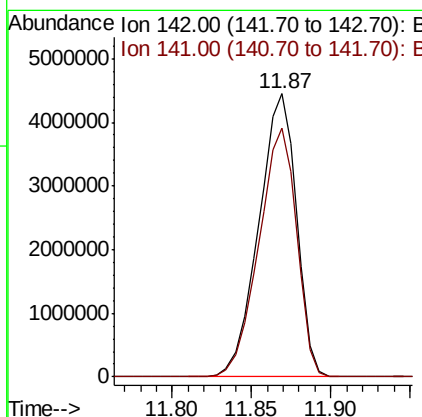
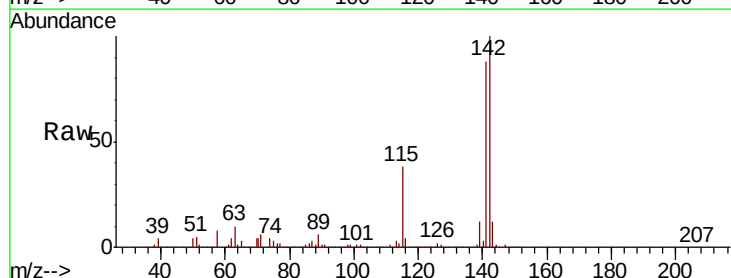
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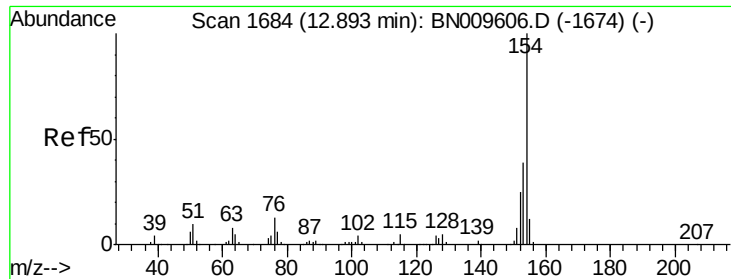
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#34
2-Methylnaphthalene
Concen: 341.678 ng/ul
RT: 11.87 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Tgt Ion:142 Resp: 7380095
Ion Ratio Lower Upper
142 100
141 88.1 71.5 107.3





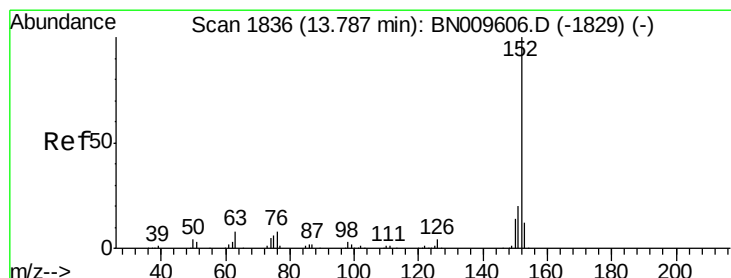
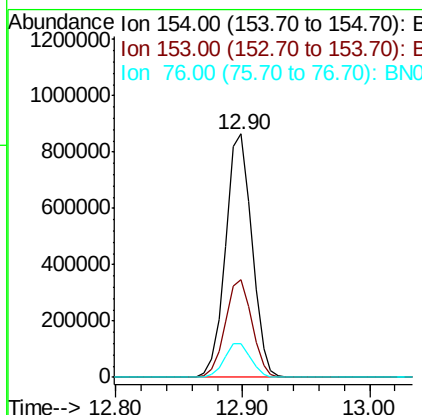
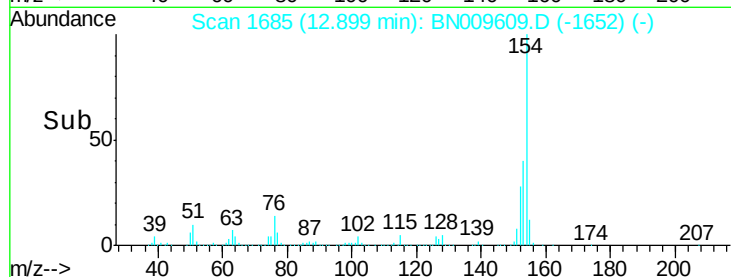
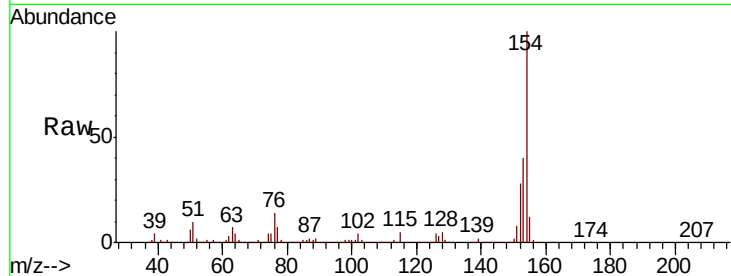
#40
 1,1'-Biphenyl
 Concen: 45.564 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Instrument :
 BNA_N
 ClientSampled :
 GAT56

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.2	46.8
76	14.1	11.4	17.2

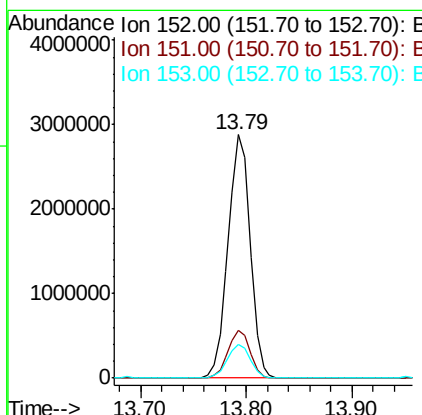
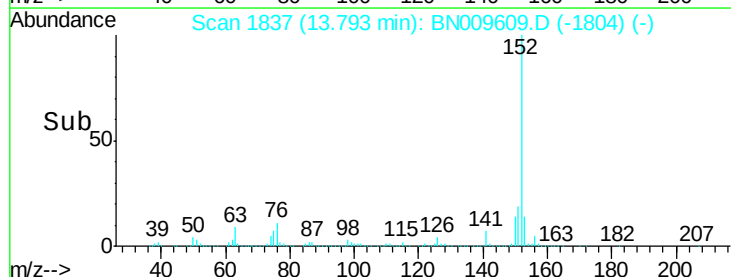
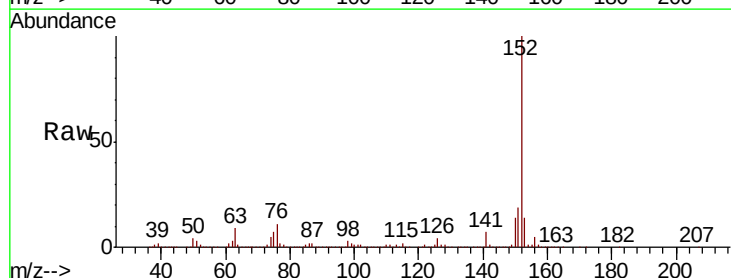
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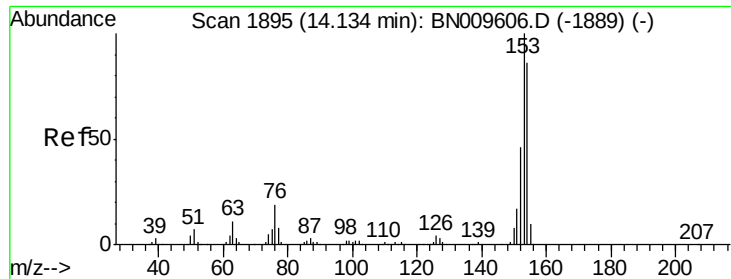
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#47
 Acenaphthylene
 Concen: 123.538 ng/ul
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.7	10.6	15.8





#49

Acenaphthene

Concen: 15.771 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN009609.D

Acq: 06 Feb 2020 14:32

Instrument :

BNA_N

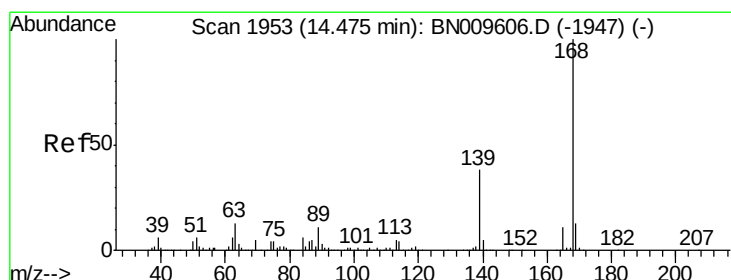
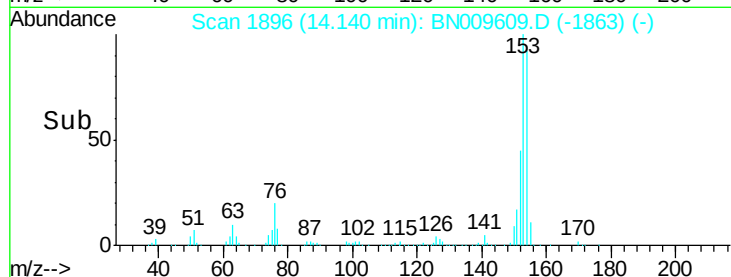
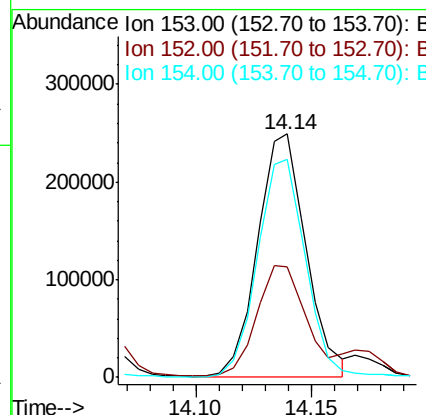
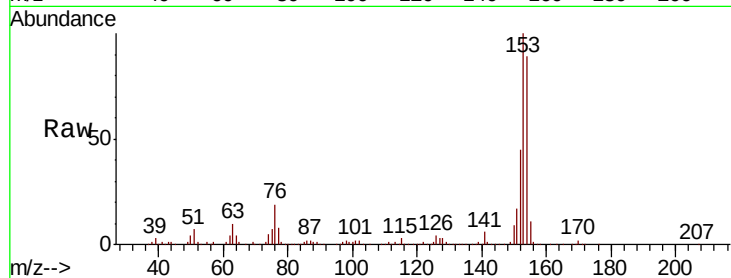
ClientSampleId :

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Tot Ion:	153	Resp:	361629
Ion Ratio	Lower	Upper	
153	100		
152	45.3	37.3	55.9
154	89.4	70.2	105.2

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#53

Dibenzofuran

Concen: 11.899 ng/ul

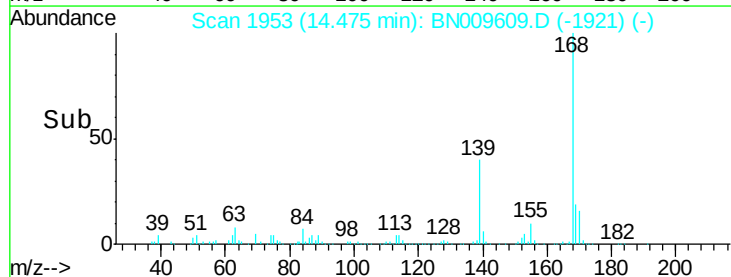
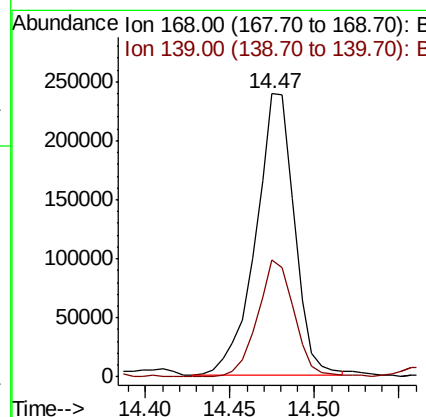
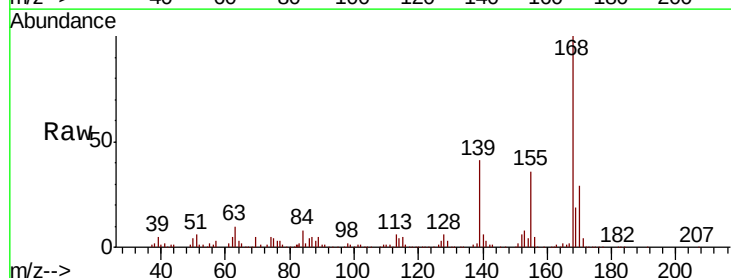
RT: 14.47 min Scan# 1953

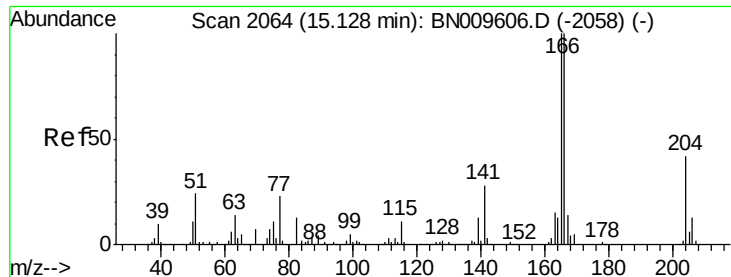
Delta R.T. -0.01 min

Lab File: BN009609.D

Acq: 06 Feb 2020 14:32

Tgt Ion:	168	Resp:	379933
Ion Ratio	Lower	Upper	
168	100		
139	41.5	29.5	44.3





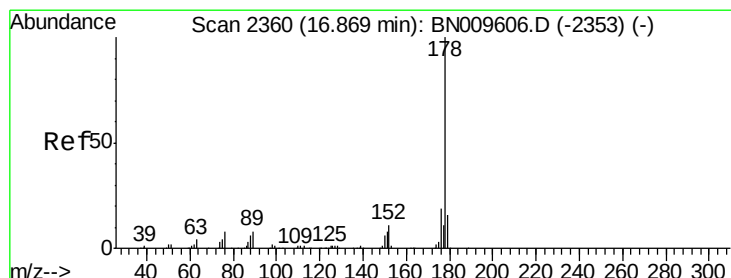
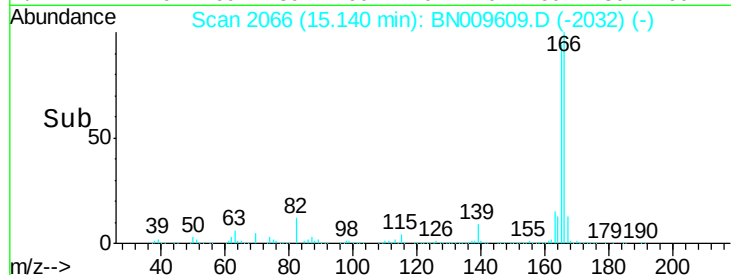
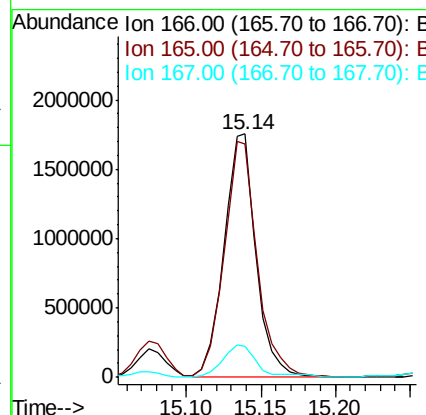
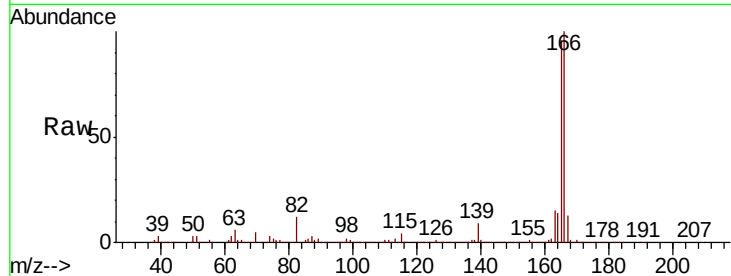
#58
 Fluorene
 Concen: 98.234 ng/ul
 RT: 15.14 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :
 GAT56

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.0	11.1	16.7

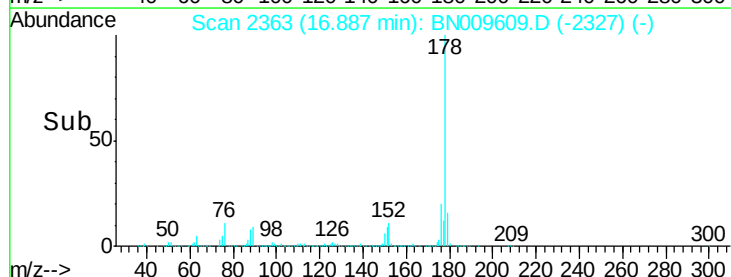
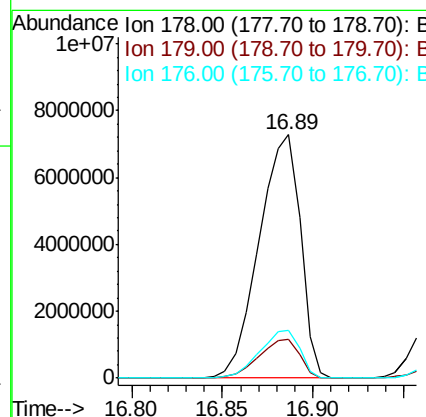
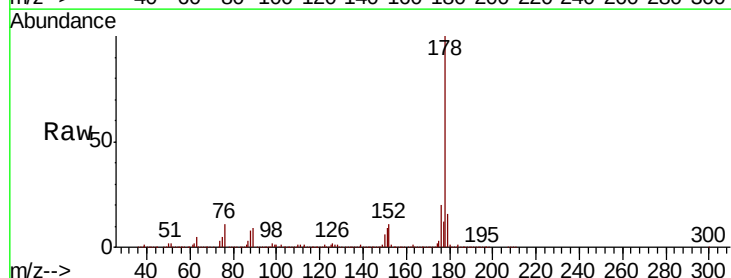
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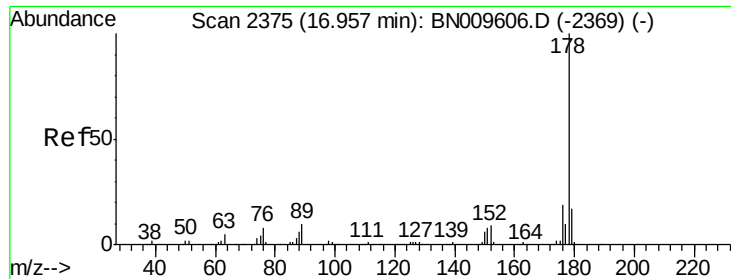
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#69
 Phenanthrene
 Concen: 294.850 ng/ul
 RT: 16.89 min Scan# 2363
 Delta R.T. 0.01 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.9	14.8	22.2





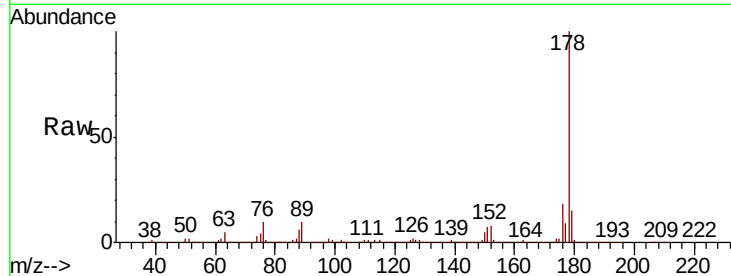
#71
 Anthracene
 Concen: 67.844 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Instrument :
 BNA_N
 ClientSampled :
 GAT56

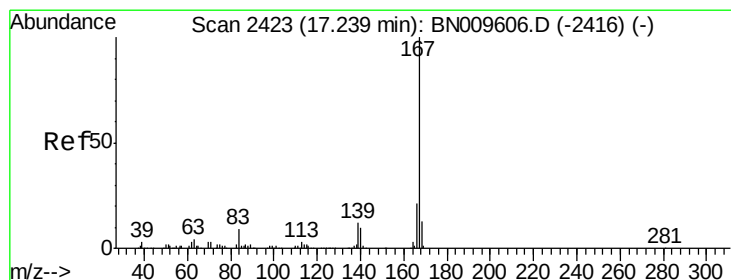
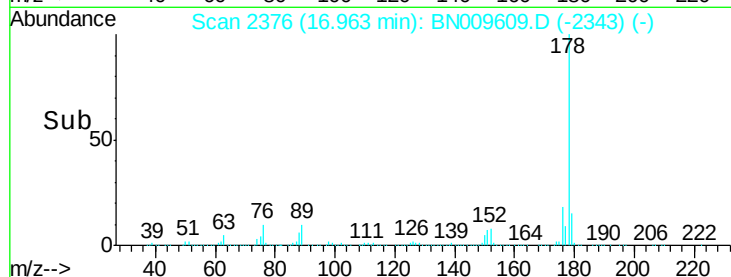
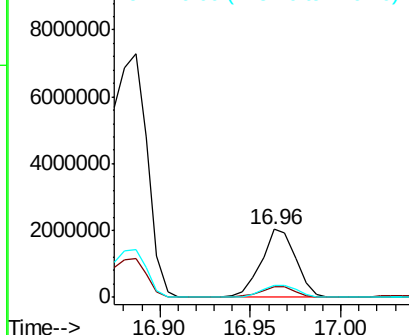
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	17.9	14.6	21.8

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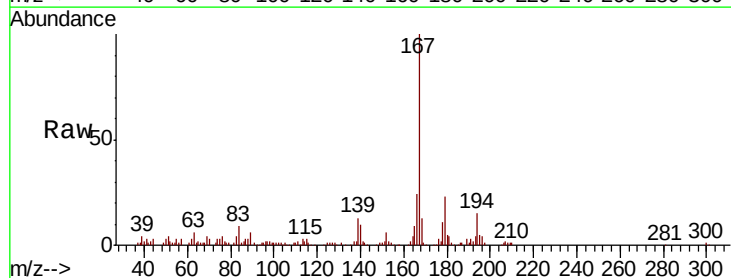


Abundance Ion 178.00 (177.70 to 178.70): E
 1e+07 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

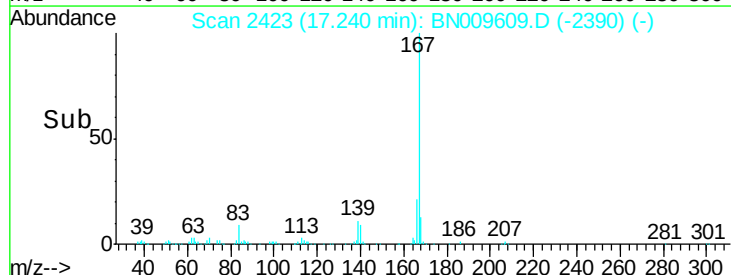
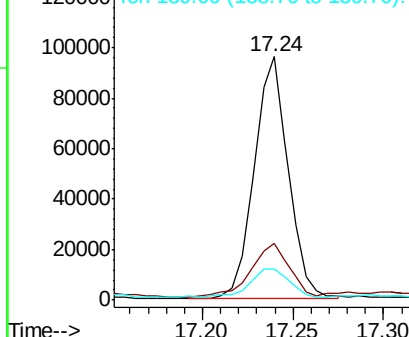


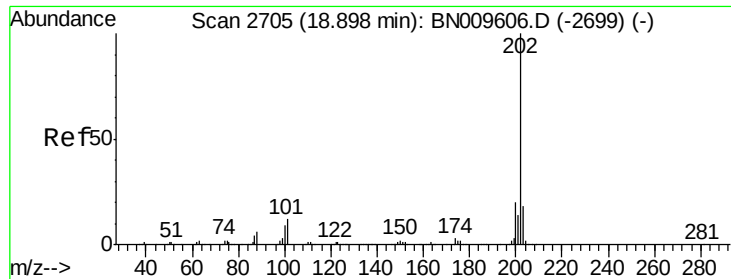
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 Carbazole
 Concen: 3.618 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BN009609.D
 Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	16.2	24.4
139	13.0	10.4	15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 103.660 ng/ul

RT: 18.90 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BN009609.D

Acq: 06 Feb 2020 14:32

Instrument :

BNA_N

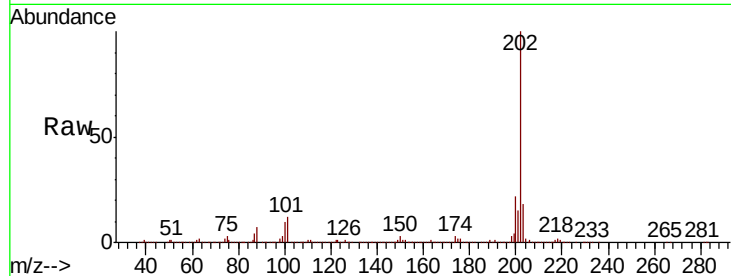
ClientSampleId :

GAT56

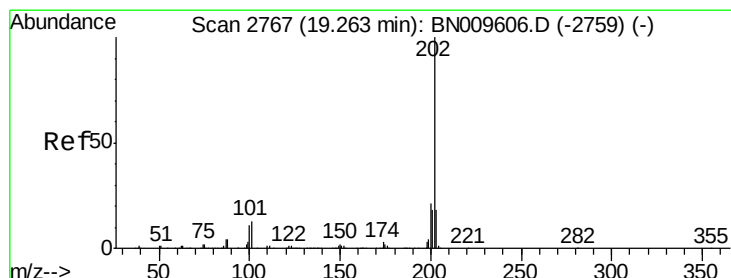
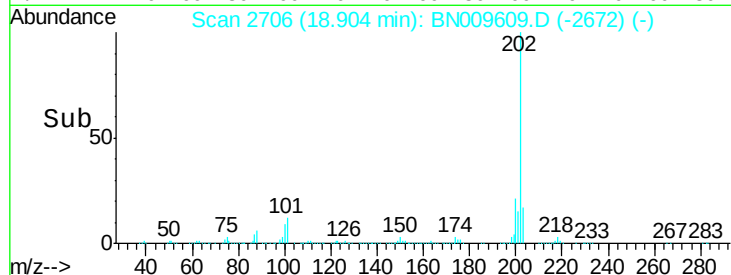
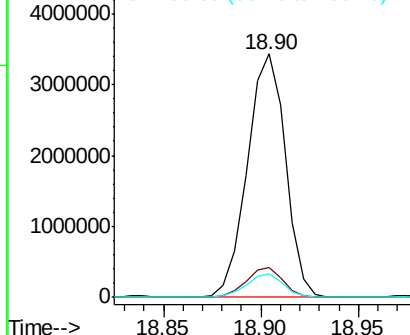
Tot Ion:	202	Resp:	4631047
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.2	13.8
100	9.7	6.9	10.3

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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: 152.192 ng/ul

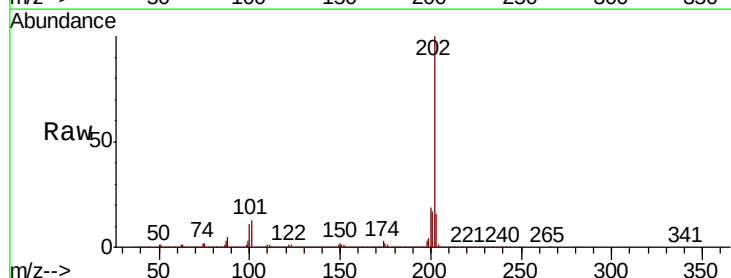
RT: 19.27 min Scan# 2769

Delta R.T. 0.01 min

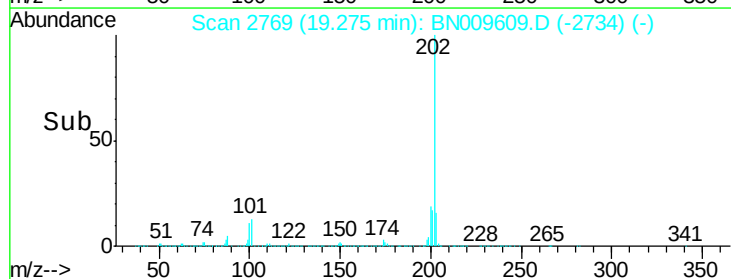
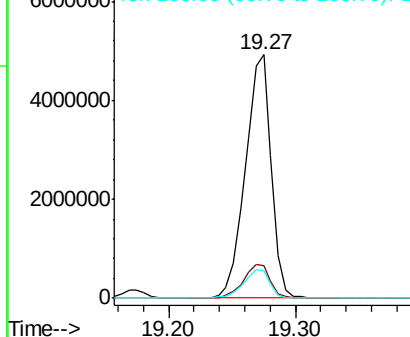
Lab File: BN009609.D

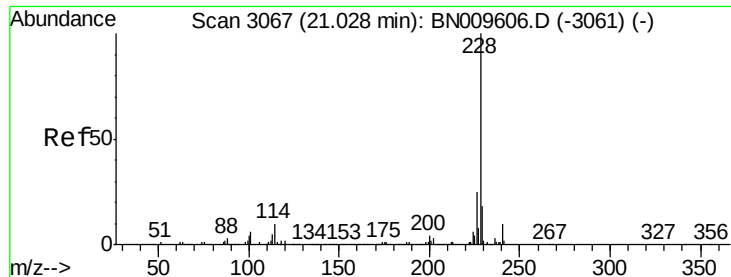
Acq: 06 Feb 2020 14:32

Tgt Ion:	202	Resp:	6936055
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
100	11.0	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





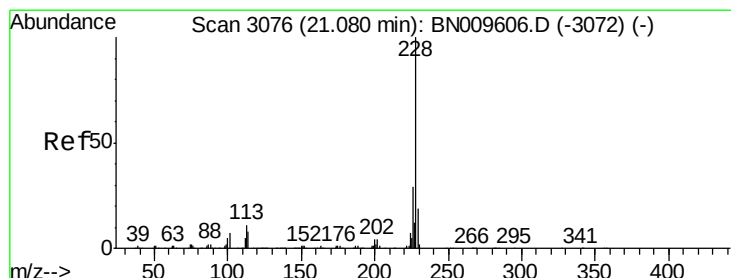
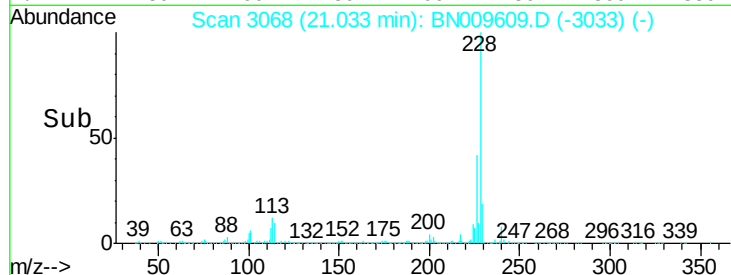
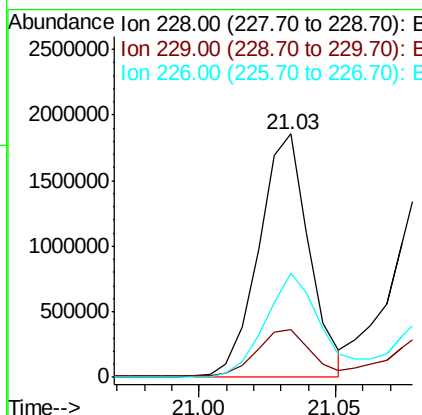
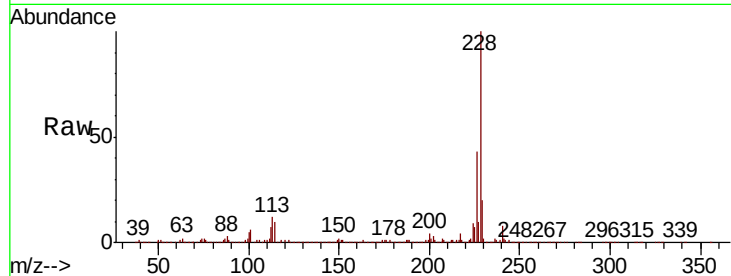
#82
Benzo(a)anthracene
Concen: 54.972 ng/ul m
RT: 21.03 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Instrument :
BNA_N
ClientSampled :
GAT56

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.0	22.4
226	42.5	20.9	31.3

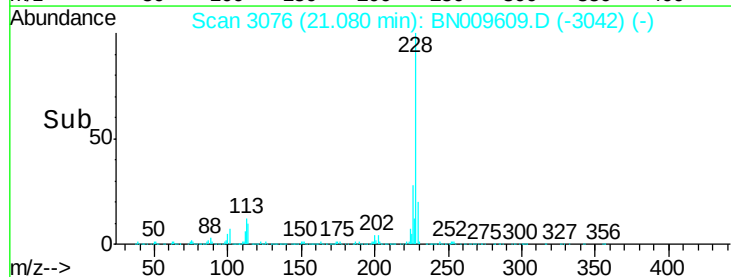
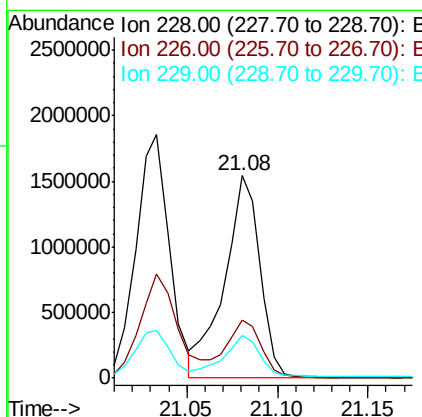
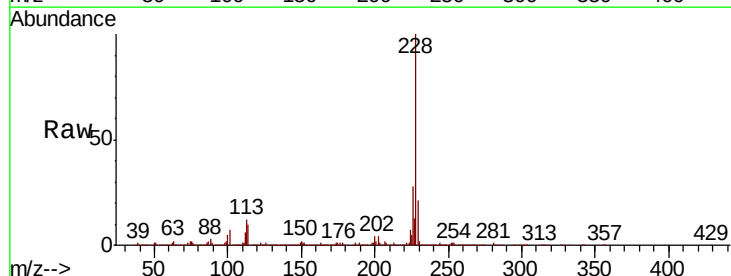
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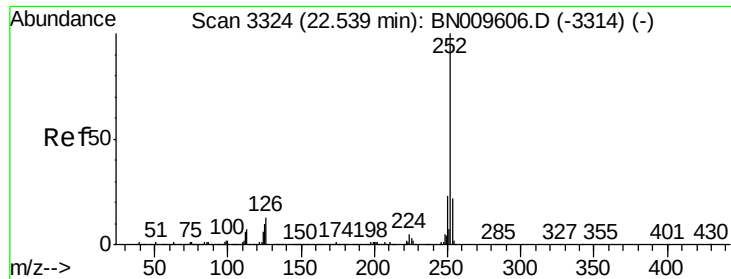
mohammad
2/10/2020 8:19:14 AM



#84
Chrysene
Concen: 48.666 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.9	15.8	23.8





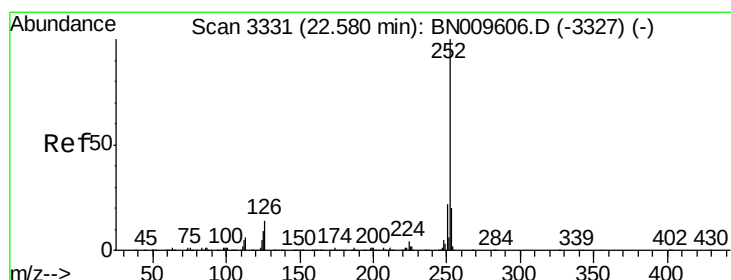
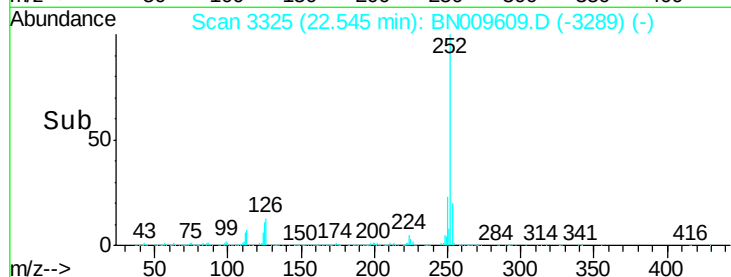
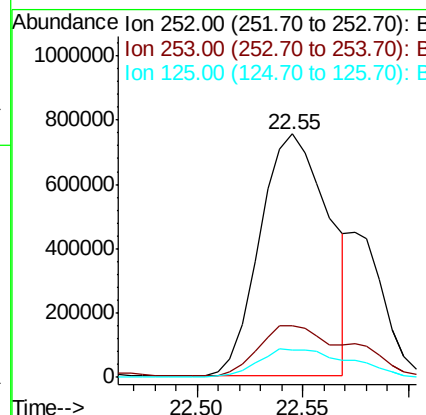
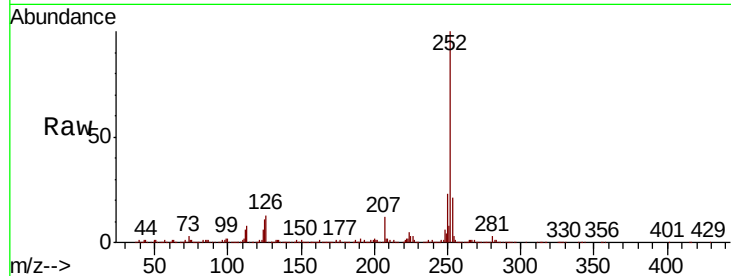
#87
Benzo(b)fluoranthene
Concen: 37.653 ng/ul
RT: 22.55 min Scan# 3325
Delta R.T. 0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Instrument :
BNA_N
ClientSampled :
GAT56

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.4	8.2	12.2

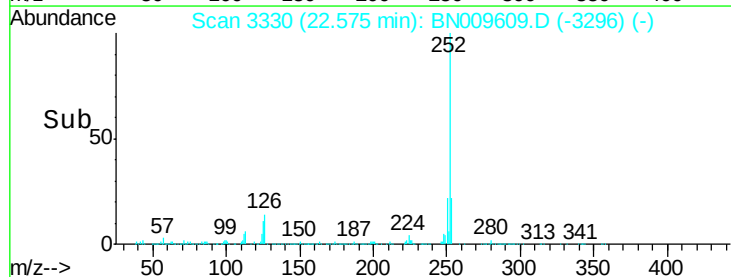
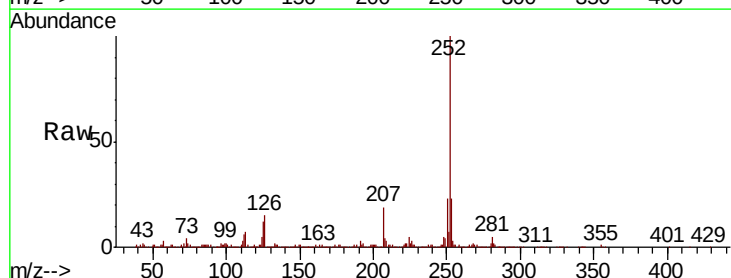
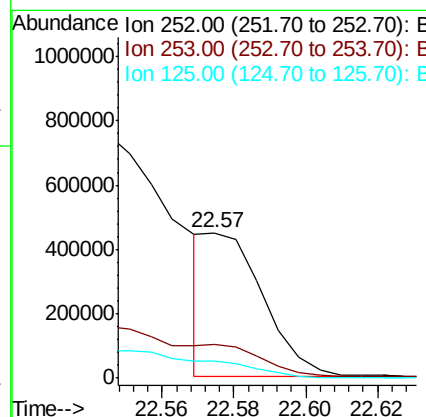
Manual Integrations
APPROVED

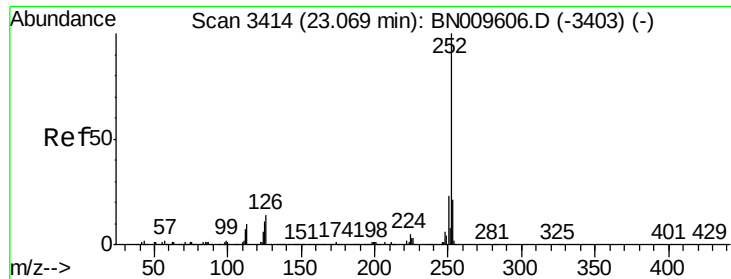
mohammad
2/10/2020 8:19:14 AM



#88
Benzo(k)fluoranthene
Concen: 10.952 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	11.5	8.0	12.0





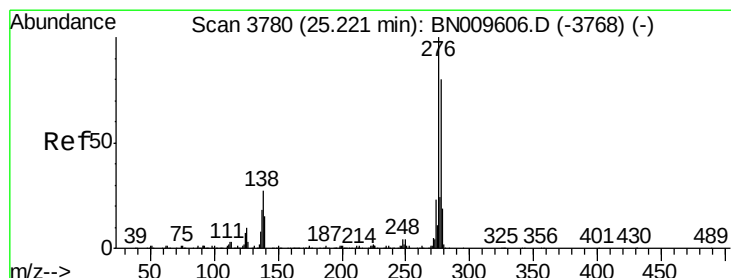
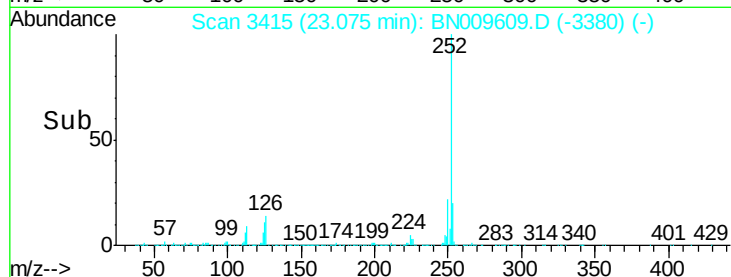
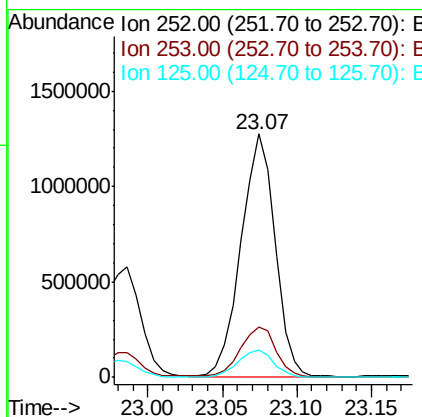
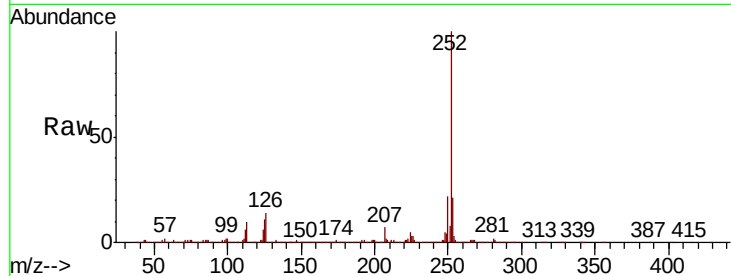
#90
Benzo(a)pyrene
Concen: 47.804 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :
GAT56

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	15.8	23.8
125	11.3	8.7	13.1

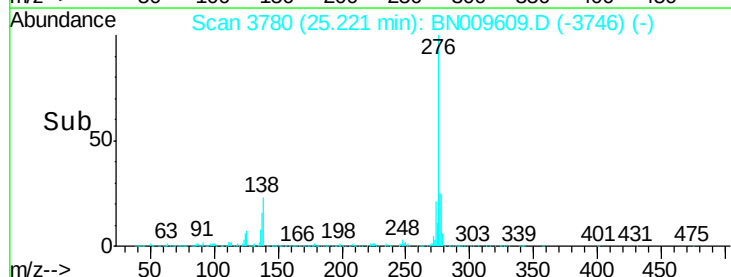
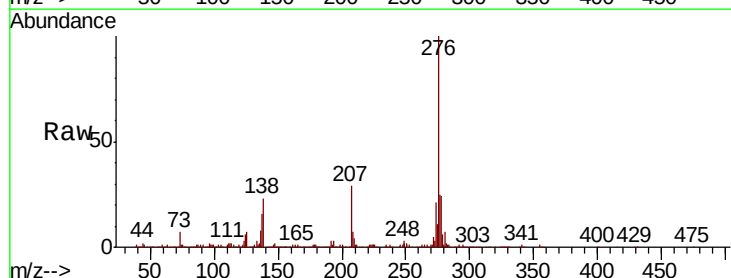
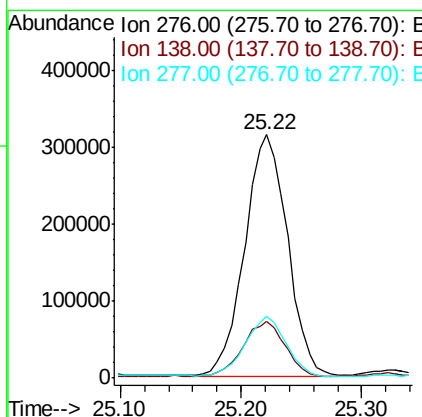
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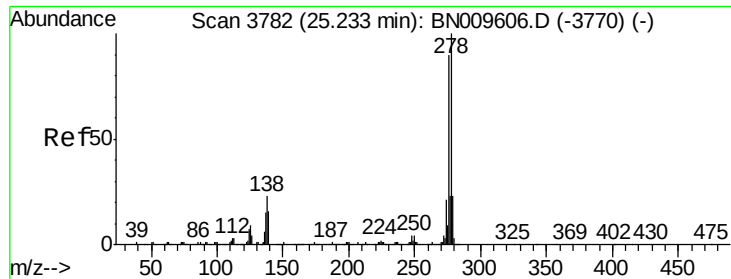
mohammad
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#91
Indeno(1,2,3-cd)pyrene
Concen: 15.508 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. 0.00 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.3	30.5
277	25.2	21.2	31.8





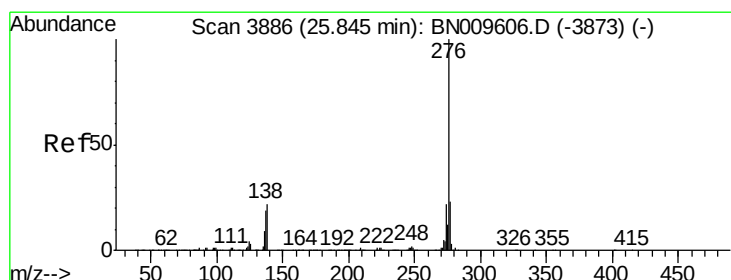
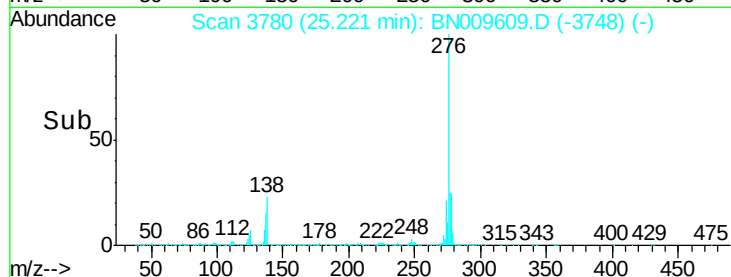
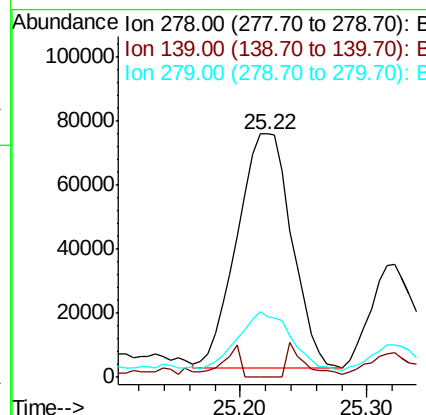
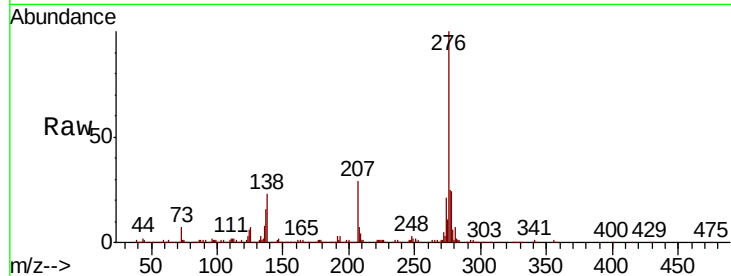
#92
Dibenzo(a,h)anthracene
Concen: 5.199 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Instrument :
BNA_N
ClientSampled :
GAT56

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	24.8	19.8	29.8

Manual Integrations
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mohammad
2/10/2020 8:19:14 AM



#93
Benzo(g,h,i)perylene
Concen: 17.859 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BN009609.D
Acq: 06 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.0	24.0
277	23.0	17.0	25.6

