

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009634.D
 Acq On : 07 Feb 2020 06:35
 Operator : CG/JU
 Sample : L1324-13 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAT68

Manual Integrations
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Quant Time: Feb 07 14:46:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	213484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	904583	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	549946	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1098276	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	969250	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	1070144	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	902m	0.17	ng/uL	0.02
5) Phenol-d5	6.64	99	21145	1.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	13588	1.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	15746	1.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	15420	1.04	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	6459	0.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	7307	0.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	14789	1.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	5417m	0.36	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	50694	1.26	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	61553	1.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	5807m	0.77	ng/ul	0.04
57) Fluorene-d10	15.07	176	45687	1.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	4255	0.62	ng/ul	0.01
70) Anthracene-d10	16.92	188	72485m	1.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	71131	1.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	70330	1.33	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
47) Acenaphthylene	13.79	152	779352	14.681	ng/ul	99
71) Anthracene	16.96	178	348949	5.491	ng/ul	98
76) Fluoranthene	18.90	202	2055422	28.753	ng/ul	98
79) Pyrene	19.27	202	5188422	73.329	ng/ul	98
82) Benzo(a)anthracene	21.03	228	1598603m	23.888	ng/ul	
84) Chrysene	21.08	228	1551763	23.292	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	1981585	29.596	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	376391m	5.708	ng/ul	
90) Benzo(a)pyrene	23.07	252	1626618	26.222	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	888824	12.052	ng/ul	93
92) Dibenzo(a,h)anthracene	25.23	278	280135	4.512	ng/ul#	84
93) Benzo(g,h,i)perylene	25.86	276	911348	14.744	ng/ul	96

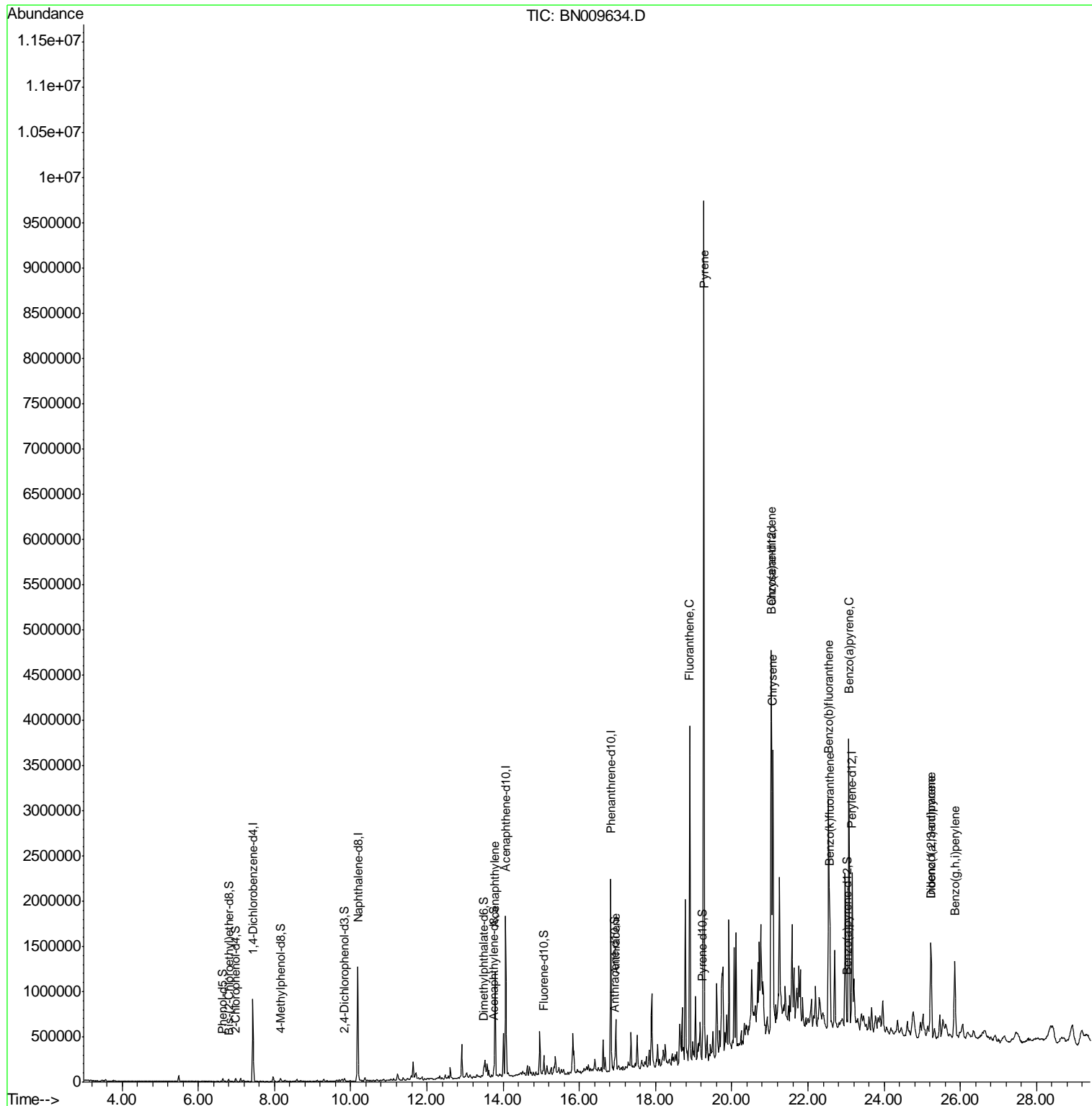
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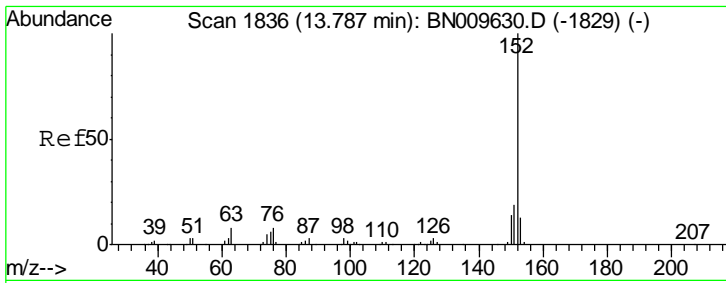
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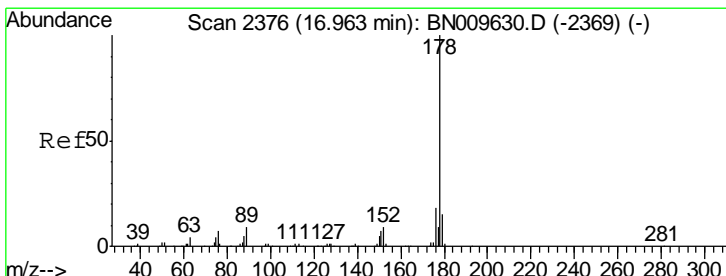
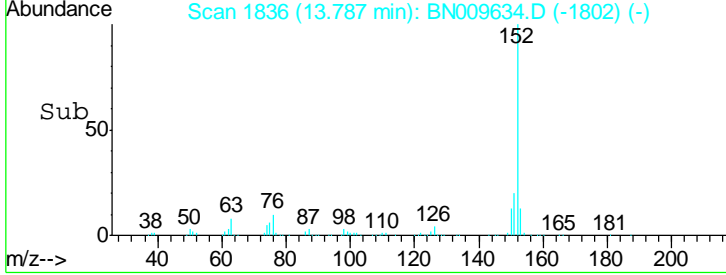
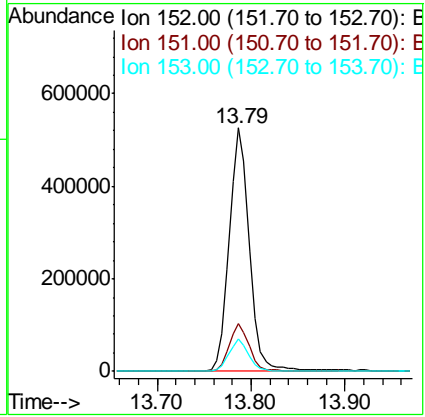
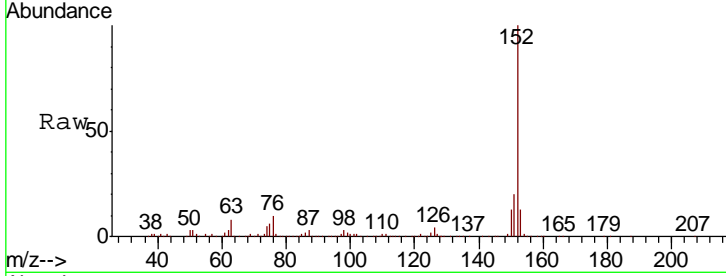


#47
 Acenaphthylene
 Concen: 14.681 ng/ul
 RT: 13.79 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Instrument :
 BNA_N
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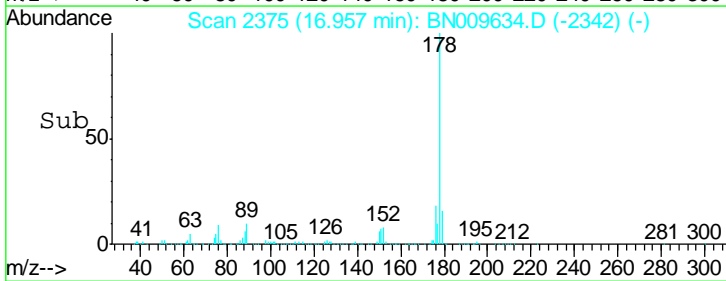
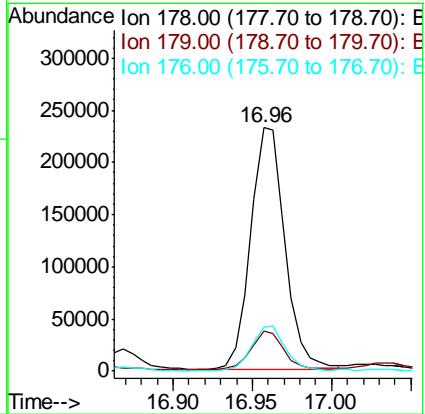
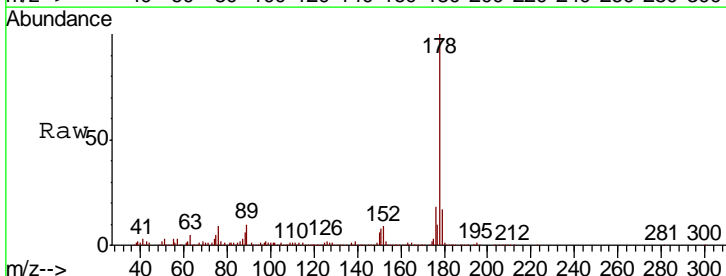
Tgt Ion	Resp	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.2	10.6	15.8

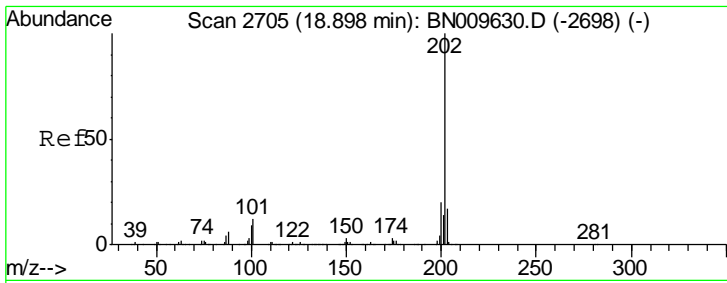
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#71
 Anthracene
 Concen: 5.491 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009634.D
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Tgt Ion	Resp	Lower	Upper
178	100		
179	16.5	12.1	18.1
176	18.1	14.6	21.8





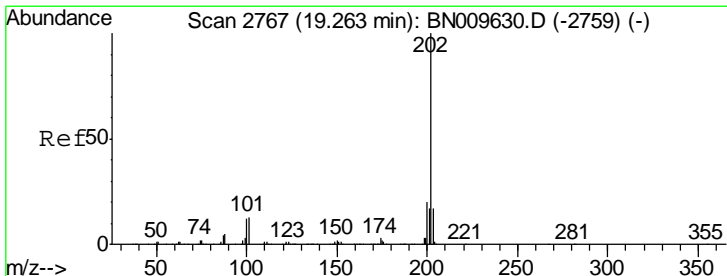
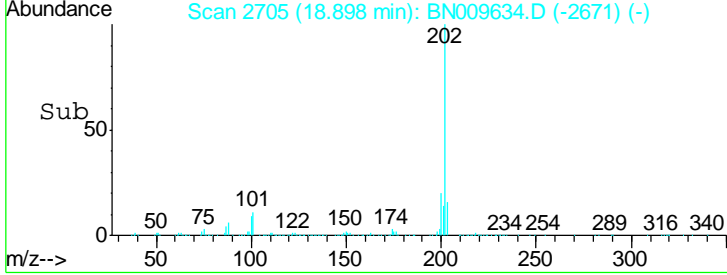
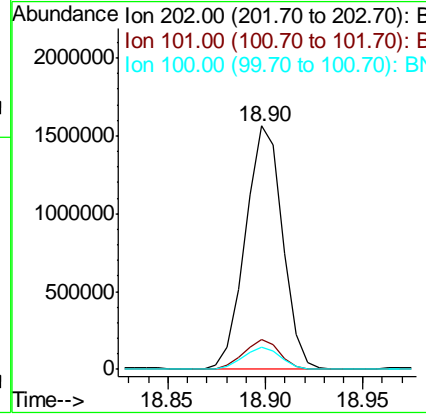
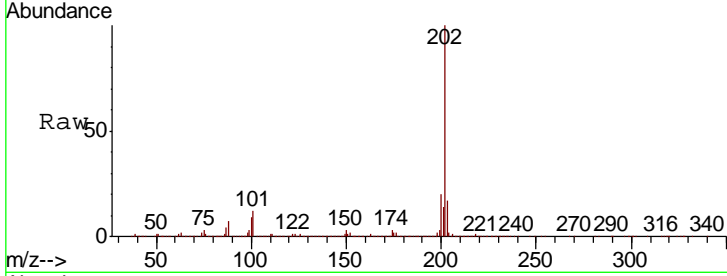
#76
 Fluoranthene
 Concen: 28.753 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
100	9.3	6.9	10.3

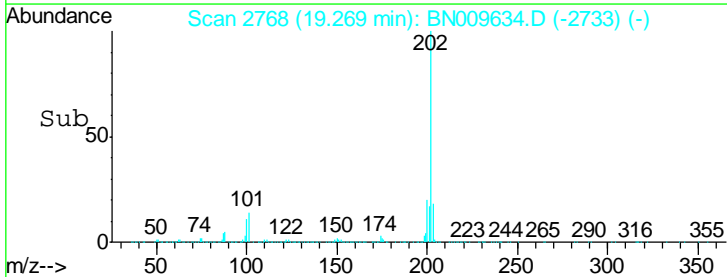
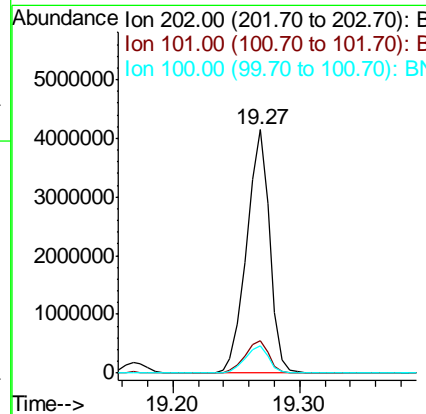
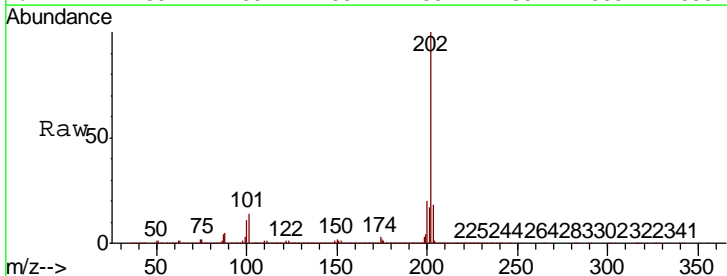
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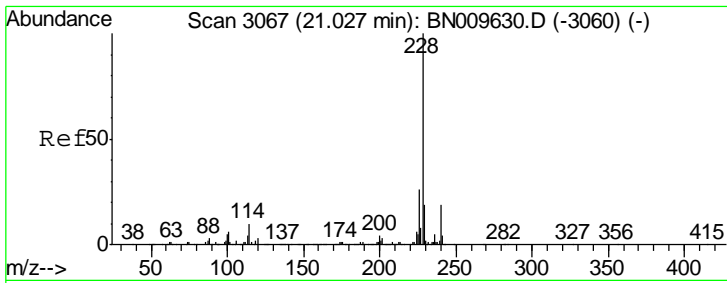
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#79
 Pyrene
 Concen: 73.329 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	11.3	8.4	12.6





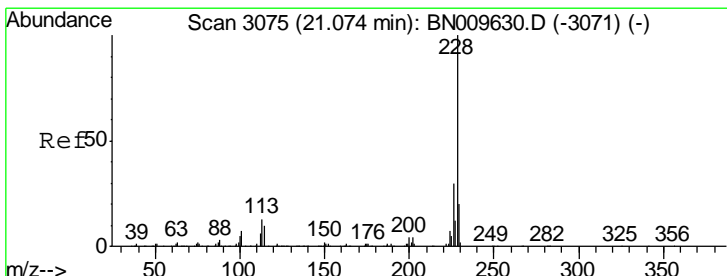
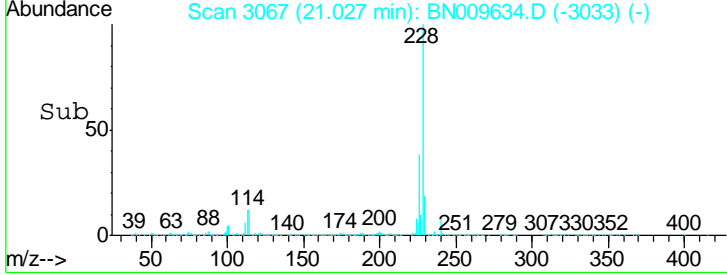
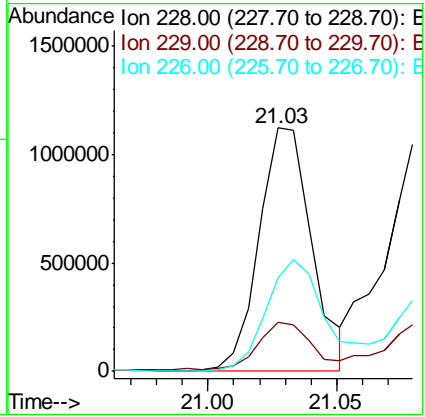
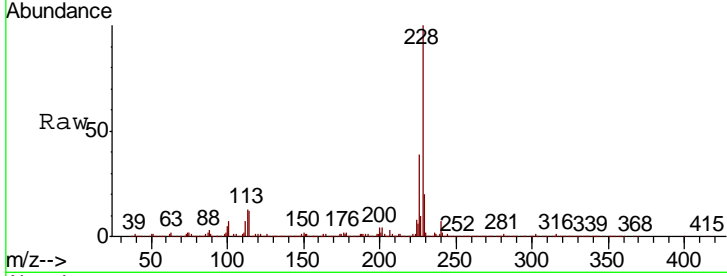
#82
 Benzo(a)anthracene
 Concen: 23.888 ng/ul m
 RT: 21.03 min Scan# 3067
 Delta R.T. 0.00 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Instrument :
 BNA_N
ClientSampled :
 GAT68

Tgt Ion: 228 Resp: 1598603

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.4
226	38.5	20.9	31.3#

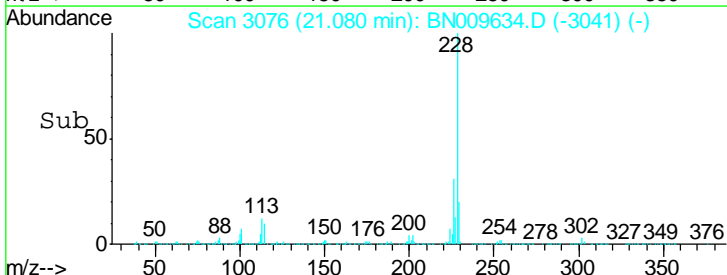
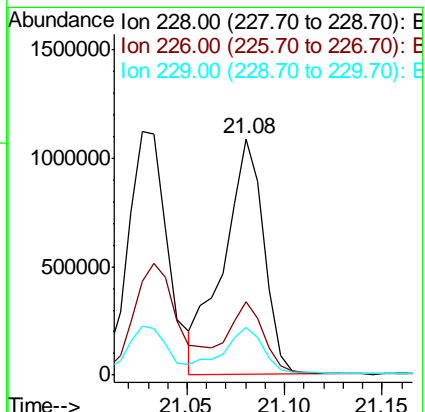
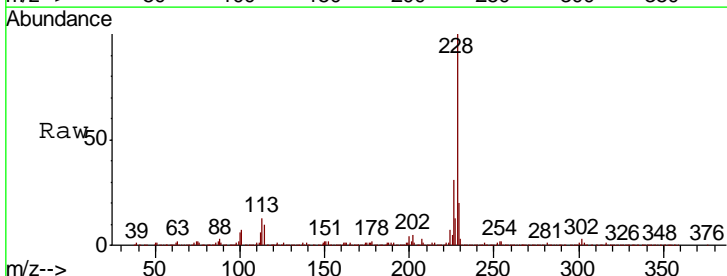
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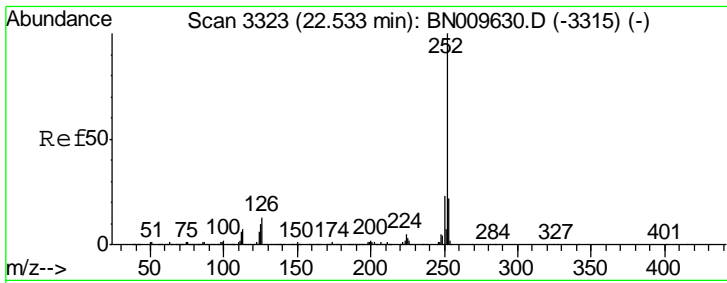


#84
 Chrysene
 Concen: 23.292 ng/ul
 RT: 21.08 min Scan# 3076
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Tgt Ion: 228 Resp: 1551763

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.5	35.3
229	20.4	15.8	23.8





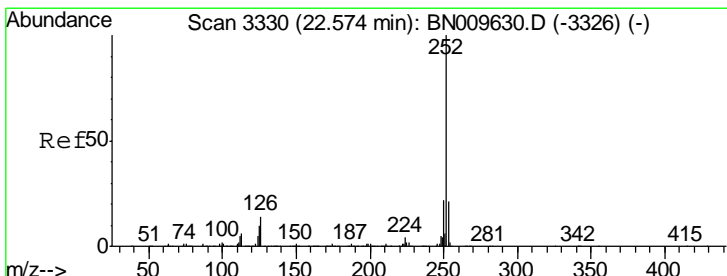
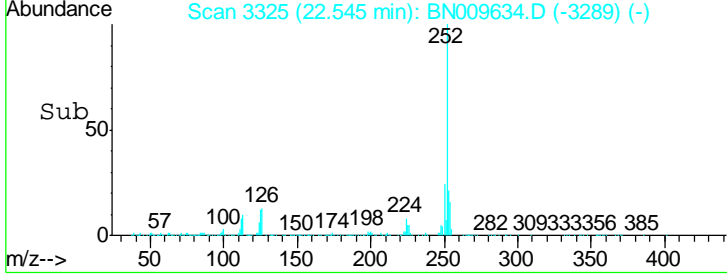
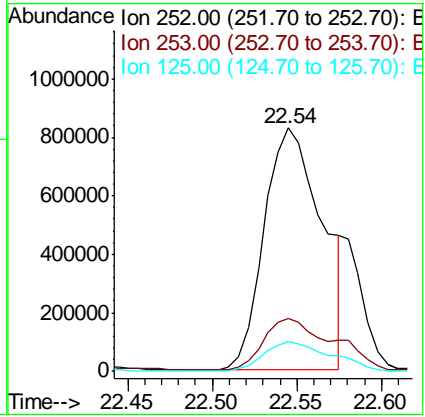
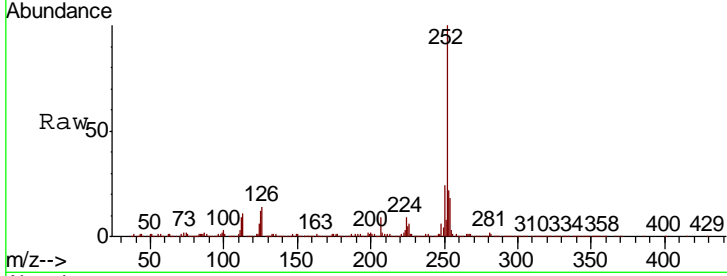
#87
 Benzo(b)fluoranthene
 Concen: 29.596 ng/ul
 RT: 22.54 min Scan# 3325
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Instrument :
 BNA_N
Client Sampled :
 GAT68

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.0	8.2	12.2

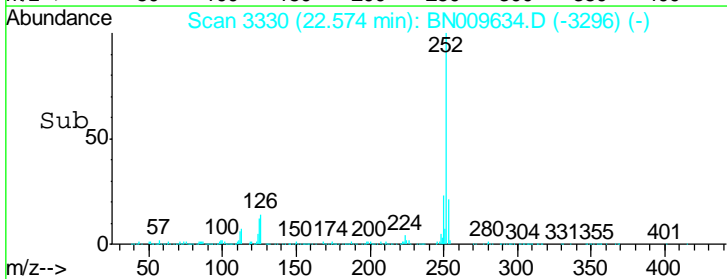
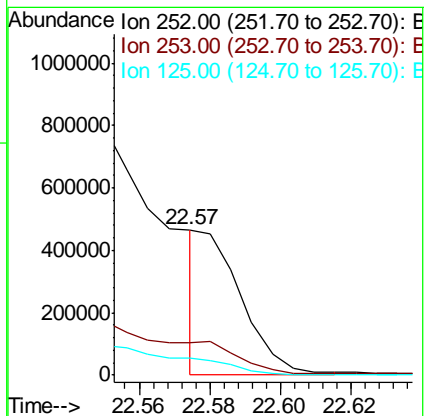
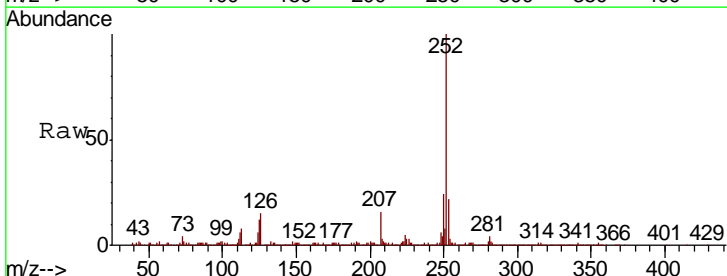
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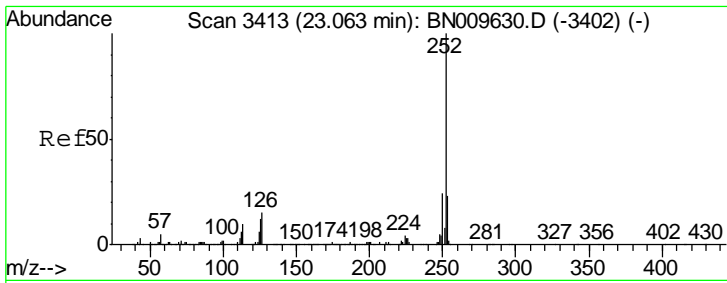
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#88
 Benzo(k)fluoranthene
 Concen: 5.708 ng/ul m
 RT: 22.57 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	11.9	8.0	12.0





#90
 Benzo(a)pyrene
 Concen: 26.222 ng/ul
 RT: 23.07 min Scan# 3415
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

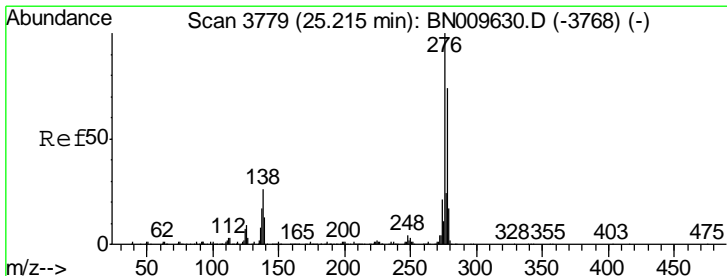
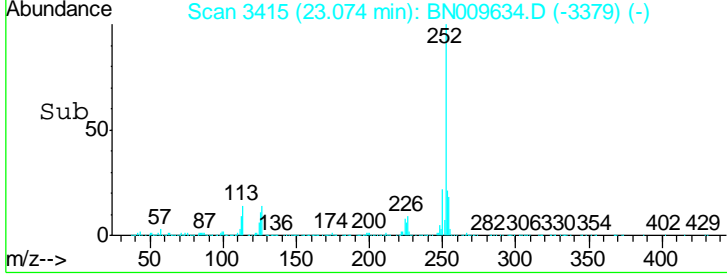
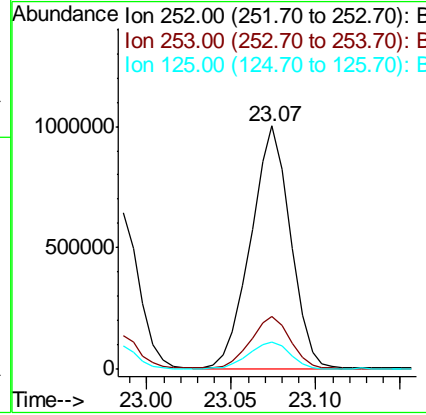
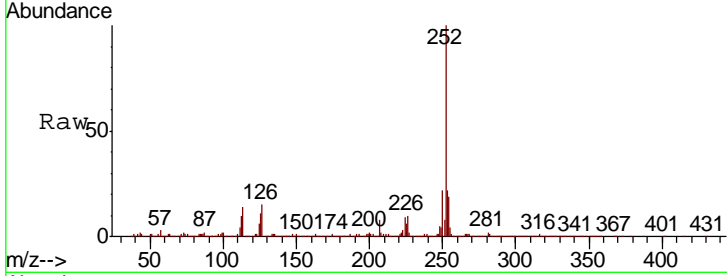
Instrument :
 BNA_N
Client Sampled :
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Tgt Ion: 252 Resp: 1626618

Ion	Ratio	Lower	Upper
252	100		
253	21.7	15.8	23.8
125	11.3	8.7	13.1

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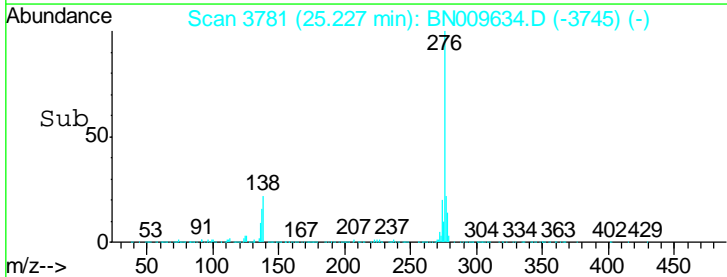
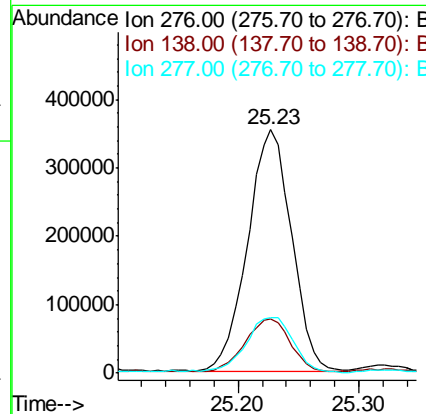
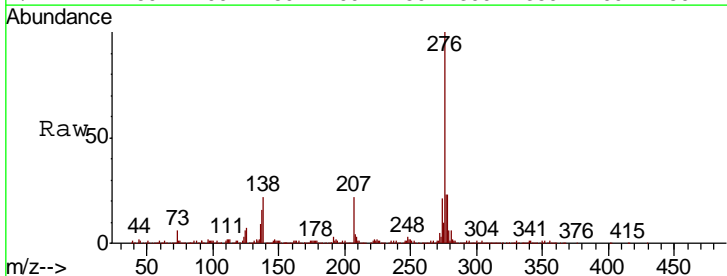
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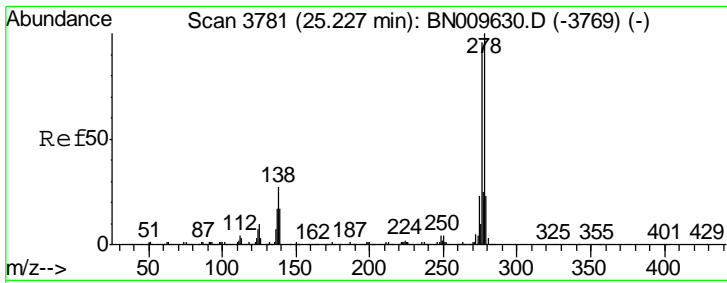


#91
 Indeno(1,2,3-cd)pyrene
 Concen: 12.052 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Tgt Ion: 276 Resp: 888824

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.3	30.5
277	22.8	21.2	31.8





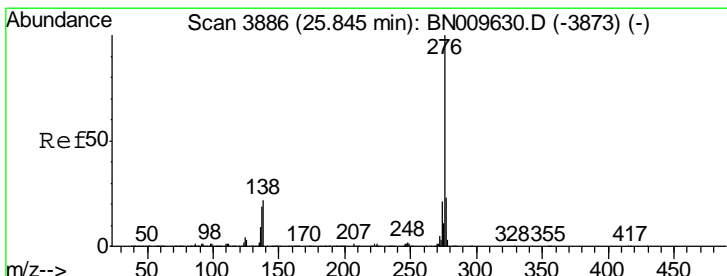
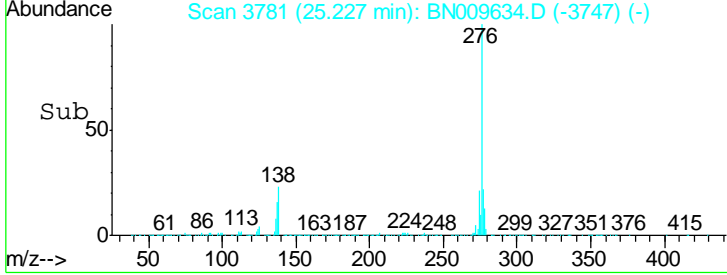
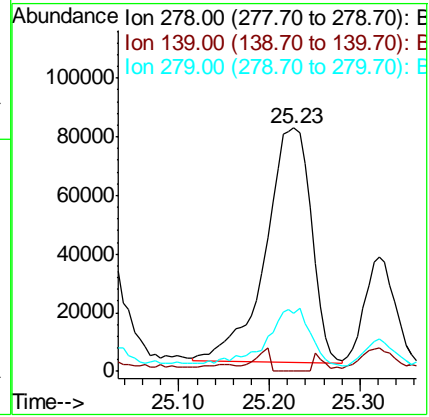
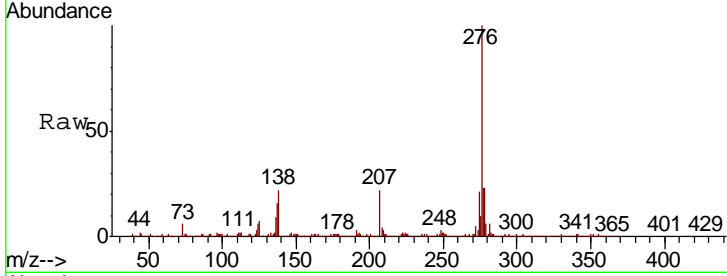
#92
 Dibenzo(a,h)anthracene
 Concen: 4.512 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. 0.00 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Instrument :
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 GAT68

Tgt Ion	Resp	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	23.9	19.8	29.8

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#93
 Benzo(g,h,i)perylene
 Concen: 14.744 ng/ul
 RT: 25.86 min Scan# 3888
 Delta R.T. 0.01 min
 Lab File: BN009634.D
 Acq: 07 Feb 2020 06:35

Tgt Ion	Resp	Lower	Upper
276	100		
138	21.4	16.0	24.0
277	23.9	17.0	25.6

