

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000609.D
 Acq On : 24 Mar 2018 09:10
 Operator : JU/SJ
 Sample : J1951-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS9

Manual Integrations
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 3/26/2018 6:39:38 PM

Quant Time: Mar 26 02:14:45 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 26 01:26:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	149701	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	660143	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	356355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	768971	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	633559	20.00	ng/ul	0.01
83) Perylene-d12	24.37	264	584538	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	17485	4.17	ng/uL	0.00
5) Phenol-d5	7.55	99	392620	28.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	219753	27.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	297259	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	302505	27.81	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	147195	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	157090	28.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	289366	29.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	334673	32.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	828501	29.43	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1079722	29.07	ng/ul	0.01
51) 4-Nitrophenol-d4	15.22	143	127068	24.31	ng/ul	0.00
57) Fluorene-d10	16.02	176	722969	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	92534	21.01	ng/ul	0.00
70) Anthracene-d10	17.86	188	1073127	29.03	ng/ul	0.00
76) Pyrene-d10	20.12	212	1055013	30.16	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.21	264	824411	29.88	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.47	163	219246	7.873	ng/ul	99
49) Acenaphthene	15.10	153	30616	1.234	ng/ul	98
58) Fluorene	16.07	166	46210	1.726	ng/ul	97
69) Phenanthrene	17.81	178	755029	17.043	ng/ul	99
71) Anthracene	17.90	178	184648	4.065	ng/ul	99
72) Carbazole	18.15	167	52804	1.356	ng/ul#	79
74) Fluoranthene	19.79	202	1131884	25.712	ng/ul#	89
77) Pyrene	20.15	202	866411	18.723	ng/ul#	86
80) Benzo(a)anthracene	21.87	228	393752	9.328	ng/ul	96
82) Chrysene	21.92	228	363898	9.195	ng/ul	96
85) Benzo(b)fluoranthene	23.61	252	404340	10.947	ng/ul#	59
86) Benzo(k)fluoranthene	23.65	252	157663m	4.422	ng/ul	
88) Benzo(a)pyrene	24.26	252	289736	8.335	ng/ul#	56
89) Indeno(1,2,3-cd)pyrene	26.93	276	181323	4.837	ng/ul#	73
91) Benzo(g,h,i)perylene	27.72	276	162112	5.204	ng/ul#	73

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

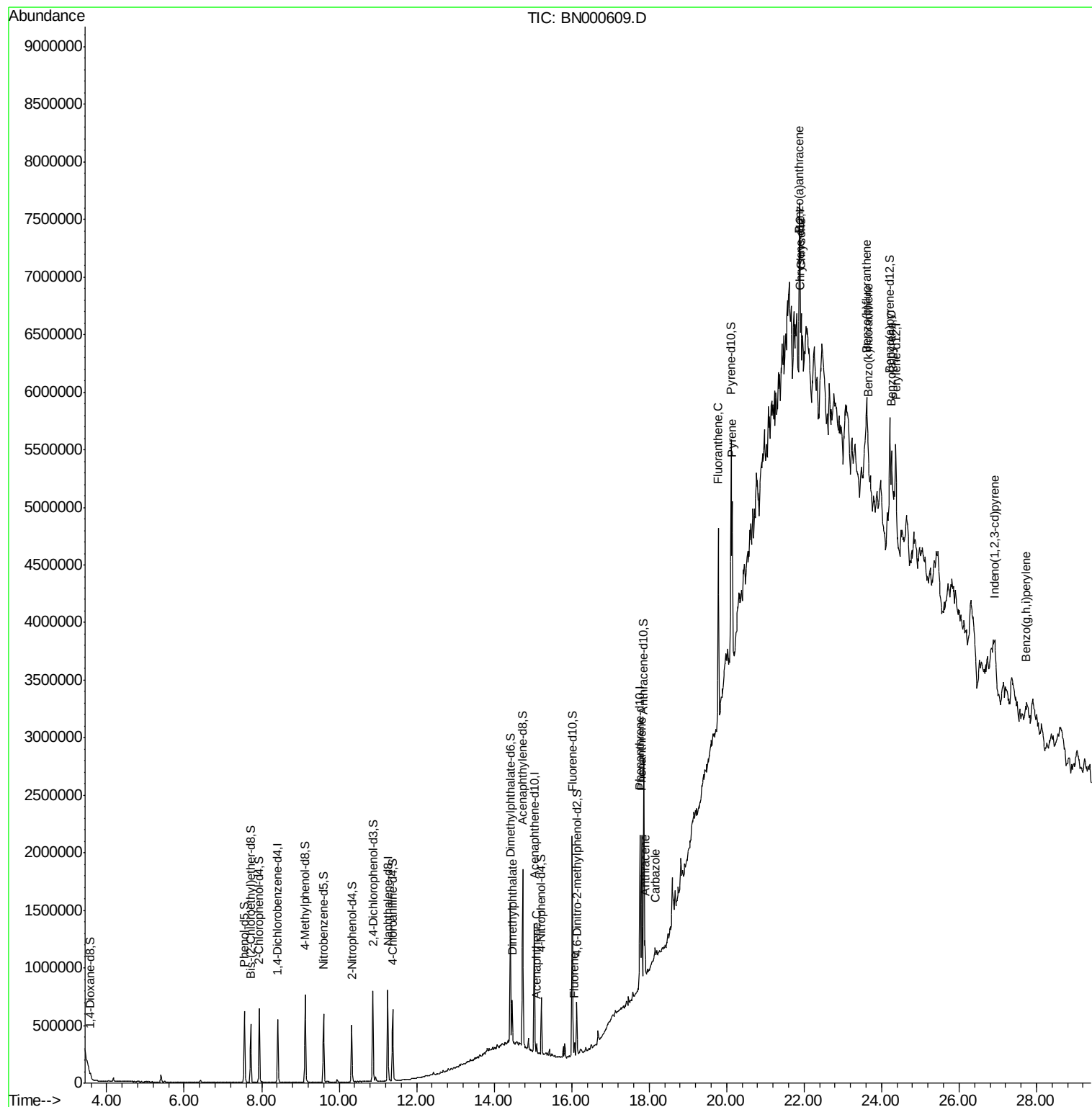
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000609.D
Acq On : 24 Mar 2018 09:10
Operator : JU/SJ
Sample : J1951-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

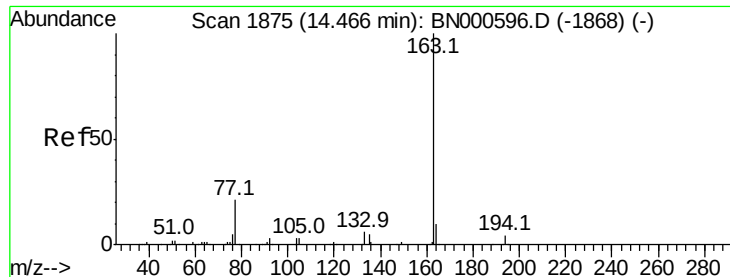
Instrument :
BNA_N
ClientSampled :
C0AS9

Quant Time: Mar 26 02:14:45 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

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#44

Dimethylphthalate

Concen: 7.873 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Instrument :

BNA_N

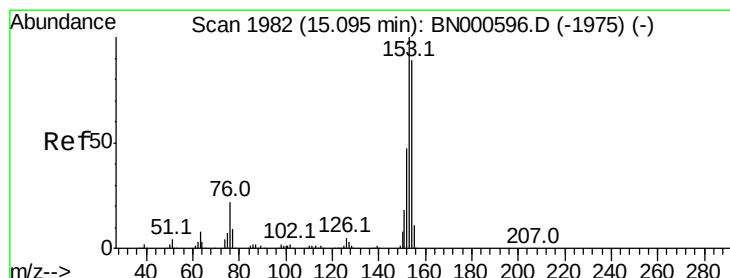
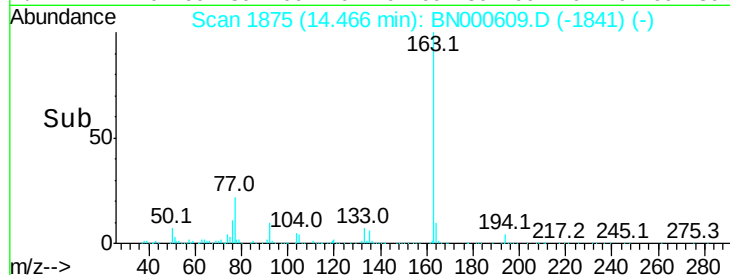
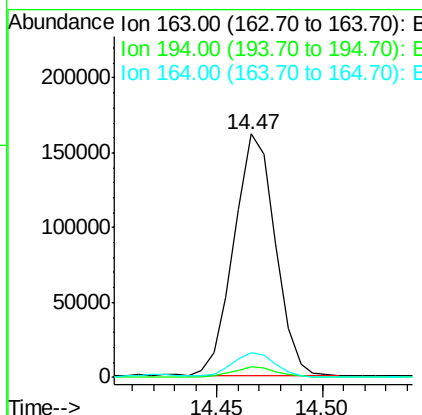
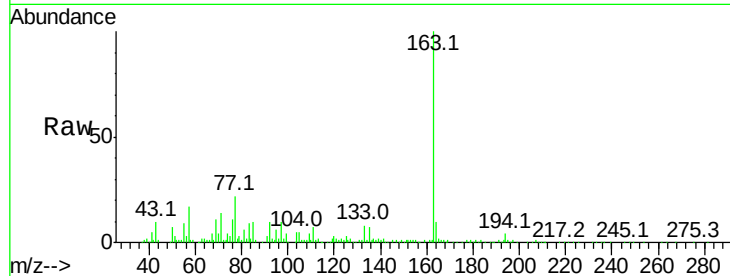
ClientSampled :

C0AS9

Tot Ion:	163	Resp:	219246
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.0	6.0
164	10.4	8.4	12.6

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#49

Acenaphthene

Concen: 1.234 ng/ul

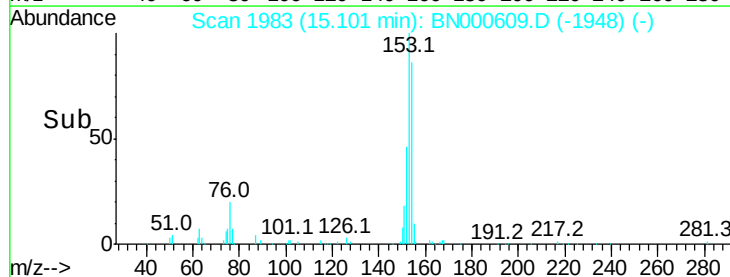
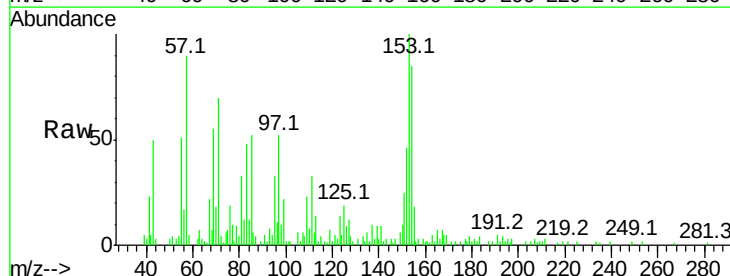
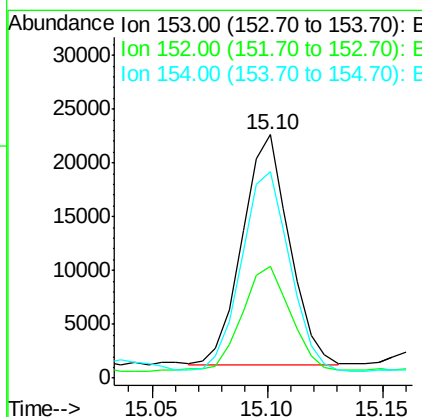
RT: 15.10 min Scan# 1983

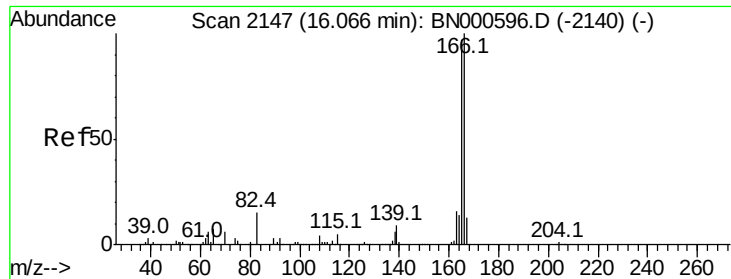
Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Tgt Ion:	153	Resp:	30616
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.9	56.9
154	84.7	69.8	104.6





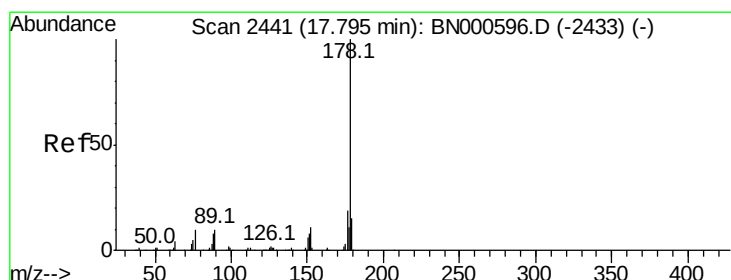
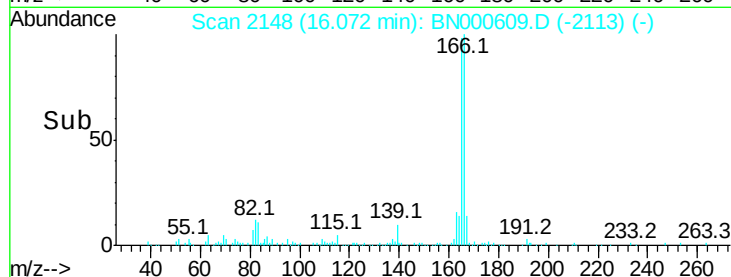
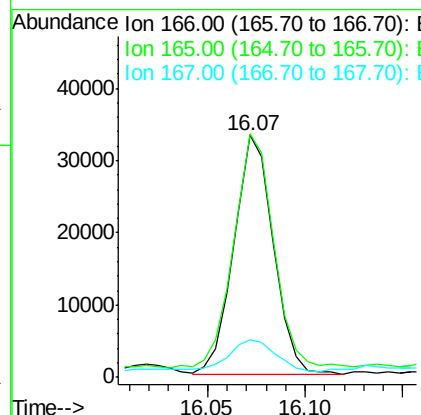
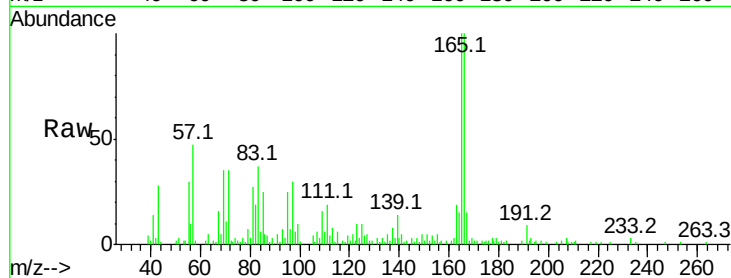
#58
 Fluorene
 Concen: 1.726 ng/ul
 RT: 16.07 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BN000609.D
 Acq: 24 Mar 2018 09:10

Instrument :
 BNA_N
 ClientSampled :
 C0AS9

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.4	117.6
167	15.6	11.1	16.7

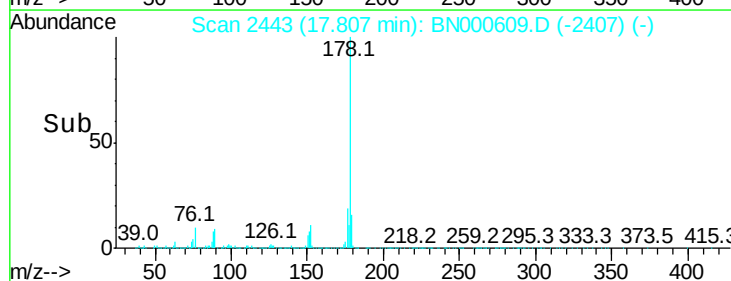
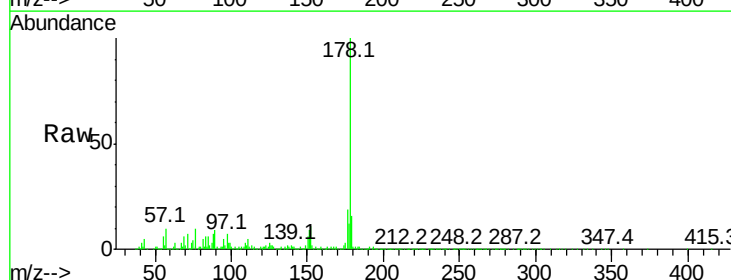
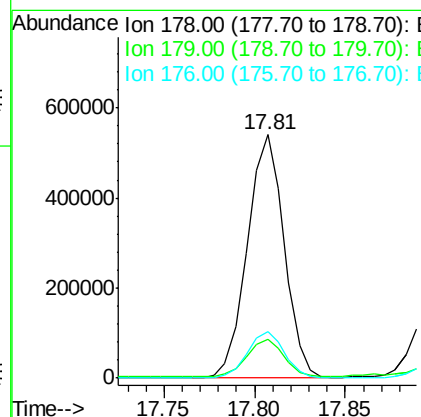
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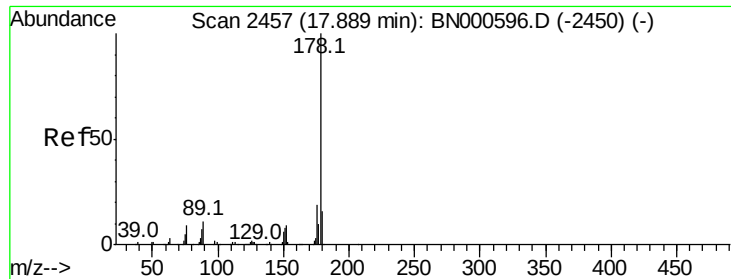
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#69
 Phenanthrene
 Concen: 17.043 ng/ul
 RT: 17.81 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BN000609.D
 Acq: 24 Mar 2018 09:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.0	15.4	23.0





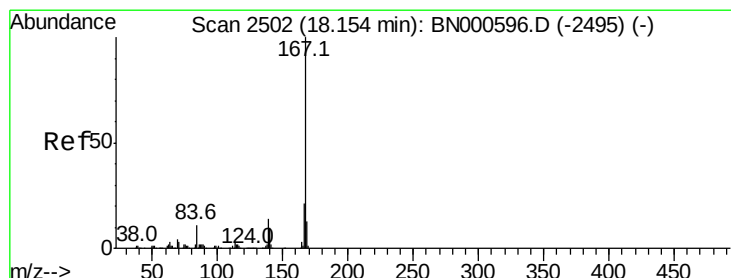
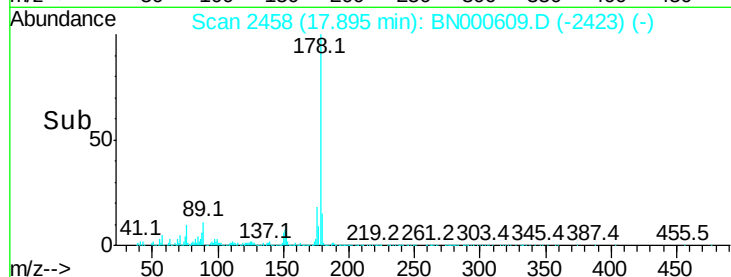
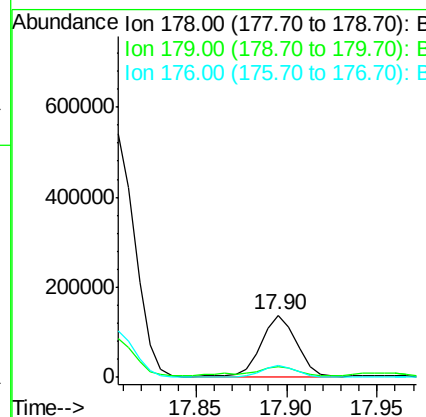
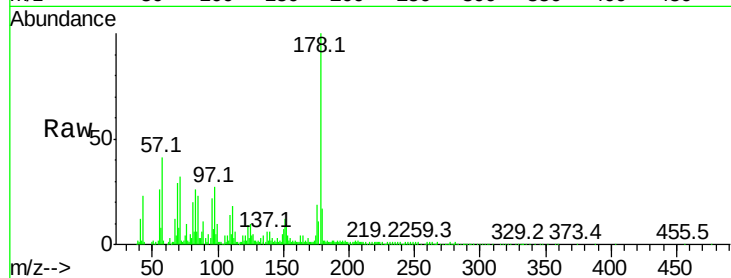
#71
 Anthracene
 Concen: 4.065 ng/ul
 RT: 17.90 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BN000609.D
 Acq: 24 Mar 2018 09:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AS9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.4	20.2
176	18.7	15.4	23.0

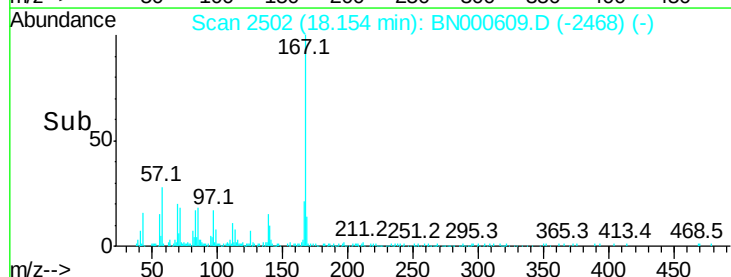
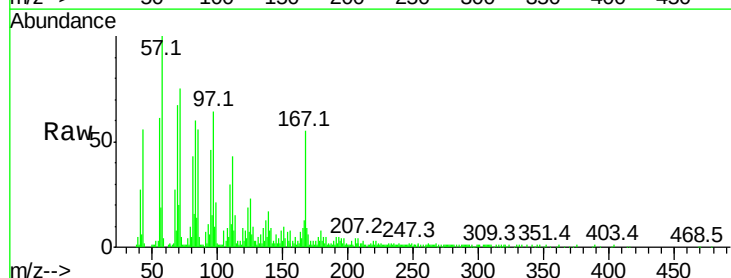
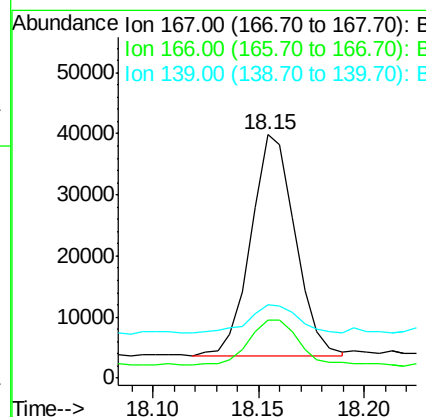
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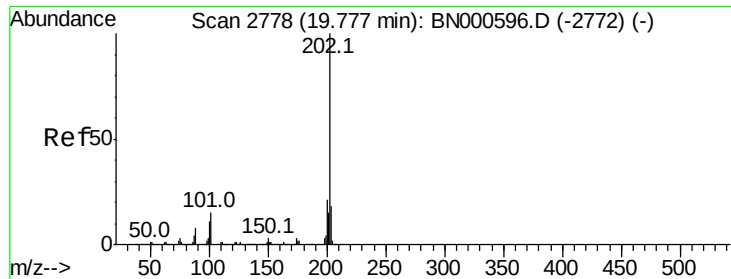
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#72
 Carbazole
 Concen: 1.356 ng/ul
 RT: 18.15 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BN000609.D
 Acq: 24 Mar 2018 09:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.0	25.4
139	30.3	9.1	13.7#





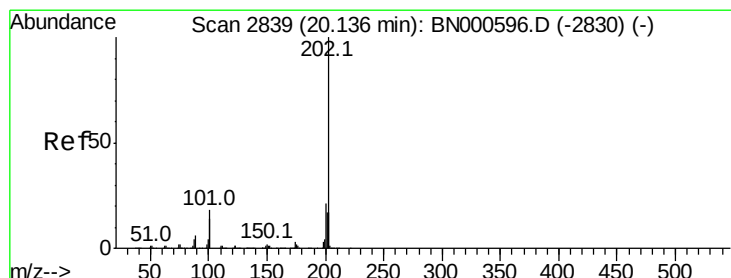
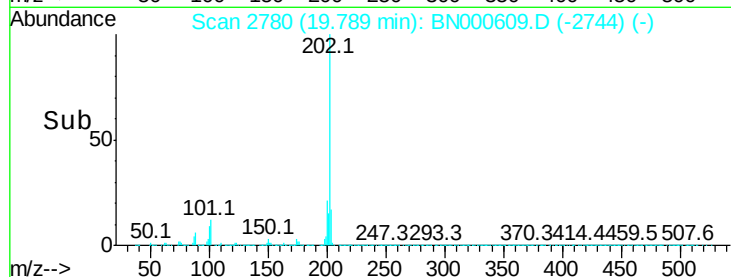
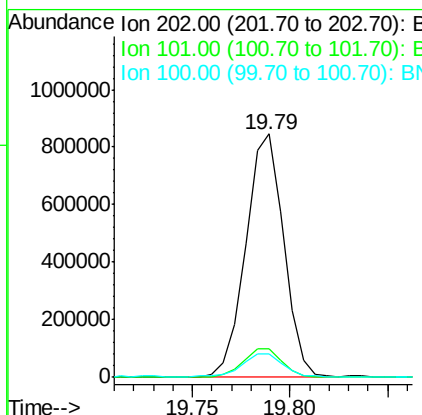
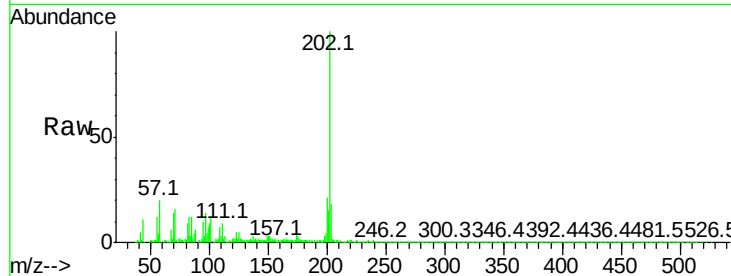
#74
Fluoranthene
Concen: 25.712 ng/ul
RT: 19.79 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Instrument :
BNA_N
ClientSampled :
C0AS9

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.1	9.1#
100	9.4	4.6	7.0#

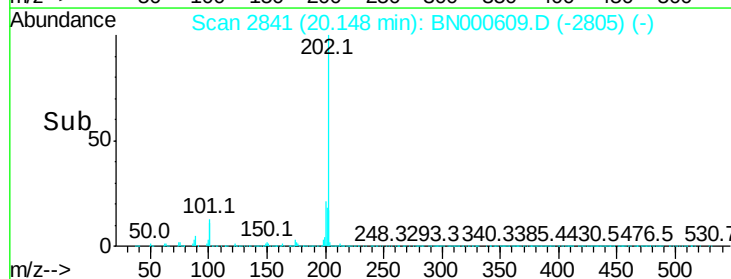
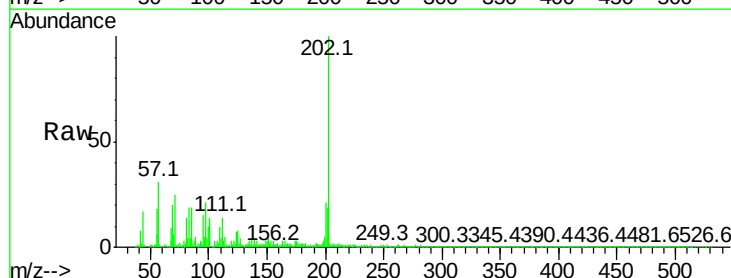
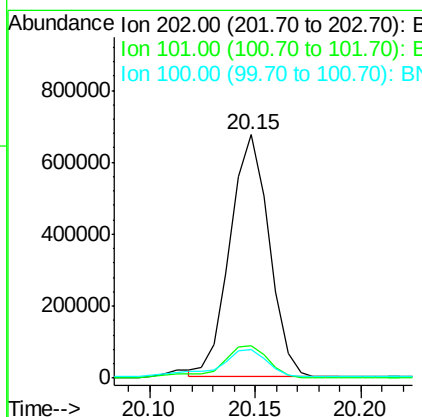
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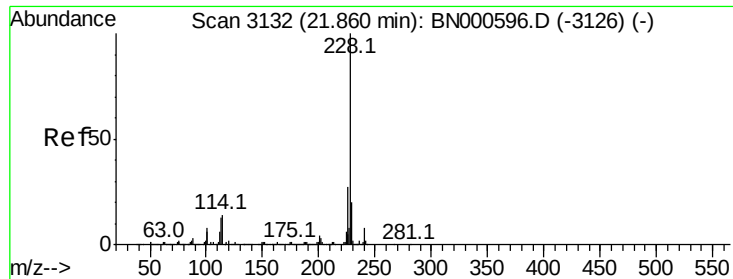
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#77
Pyrene
Concen: 18.723 ng/ul
RT: 20.15 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BN000609.D
Acq: 24 Mar 2018 09:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	6.9	10.3#
100	12.0	5.6	8.4#





#80

Benzo(a)anthracene

Concen: 9.328 ng/ul

RT: 21.87 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Instrument :

BNA_N

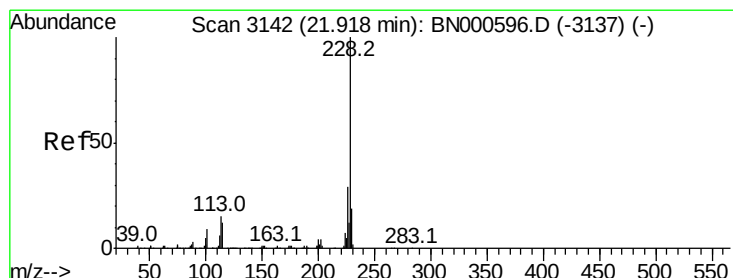
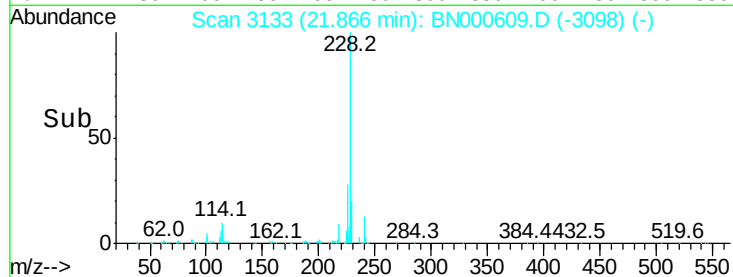
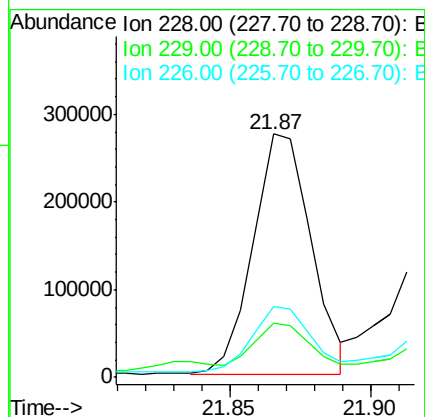
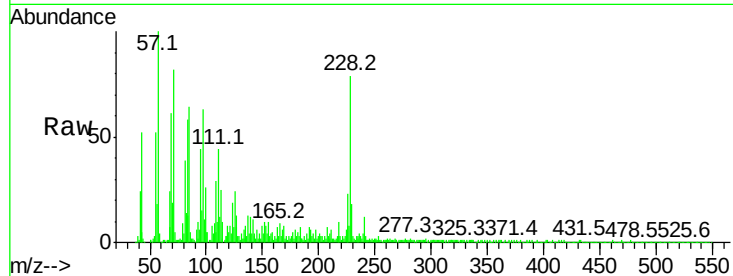
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C0AS9

Tot Ion:	228	Resp:	393752
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.0	24.0
226	28.9	21.8	32.8

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#82

Chrysene

Concen: 9.195 ng/ul

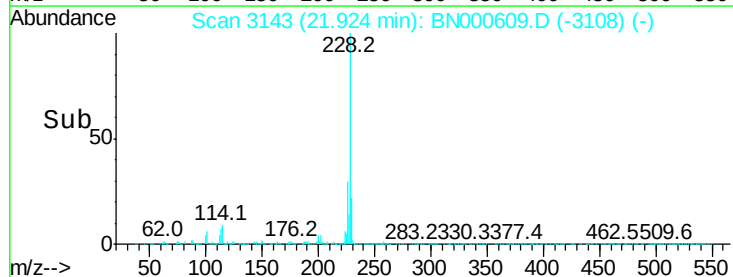
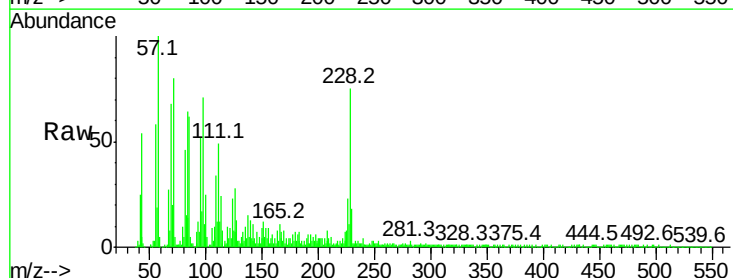
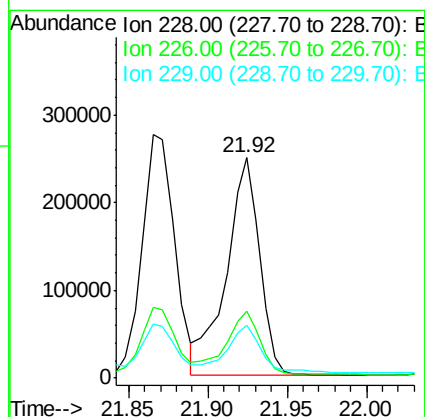
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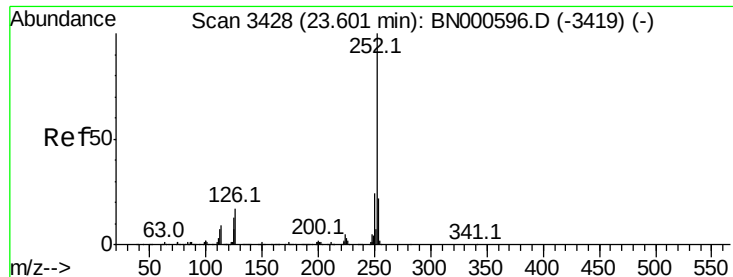
Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Tgt Ion:	228	Resp:	363898
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	23.8	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 10.947 ng/ul

RT: 23.61 min Scan# 3430

Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Instrument :

BNA_N

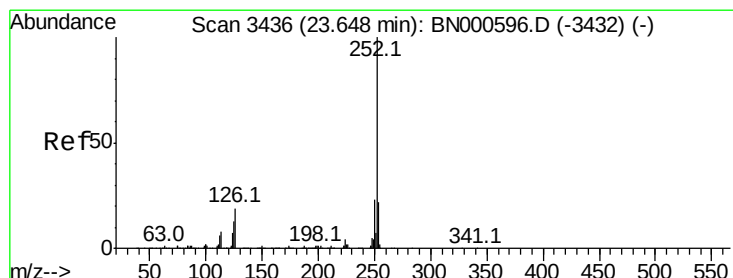
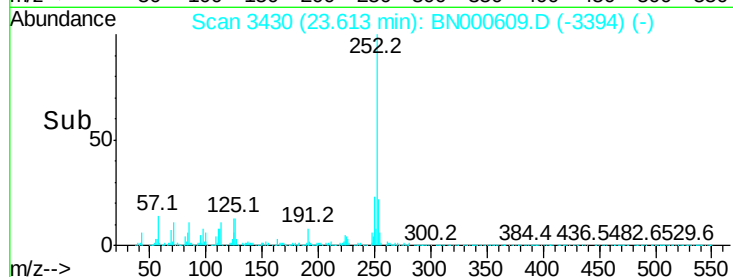
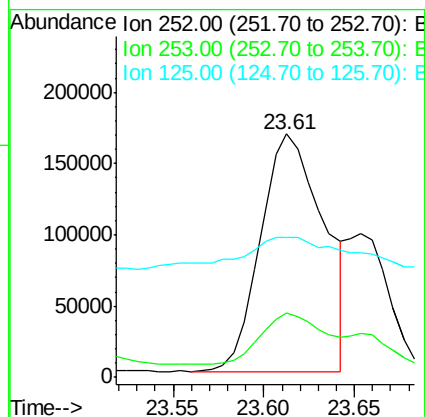
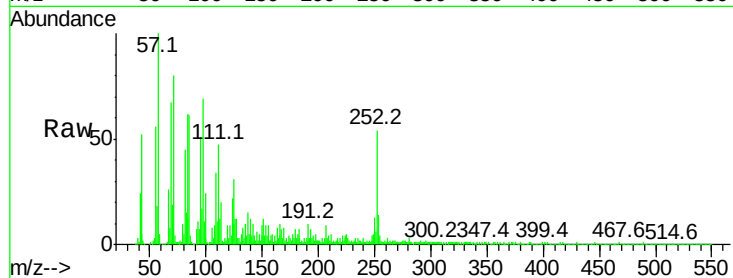
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.0#
125	57.4	4.9	7.3#

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#86

Benzo(k)fluoranthene

Concen: 4.422 ng/ul m

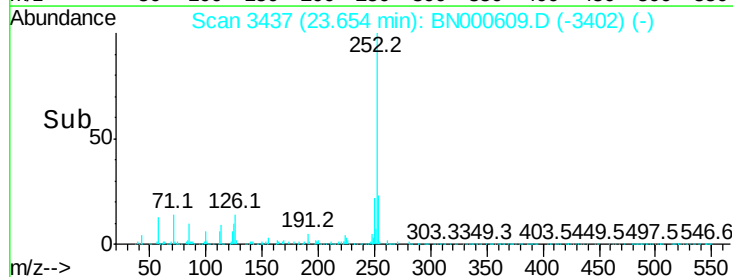
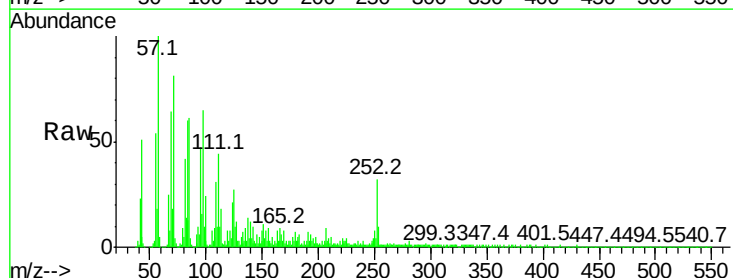
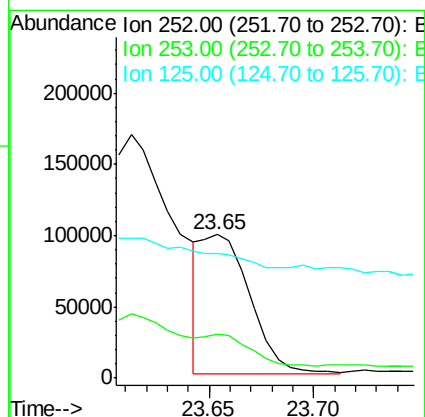
RT: 23.65 min Scan# 3437

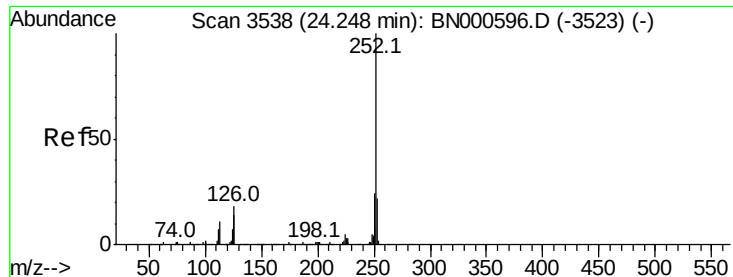
Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.1	25.7#
125	86.8	5.4	8.0#





#88

Benzo(a)pyrene

Concen: 8.335 ng/ul

RT: 24.26 min Scan# 3540

Delta R.T. 0.01 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Instrument :

BNA_N

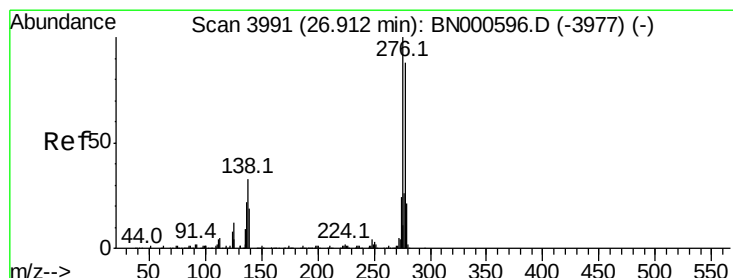
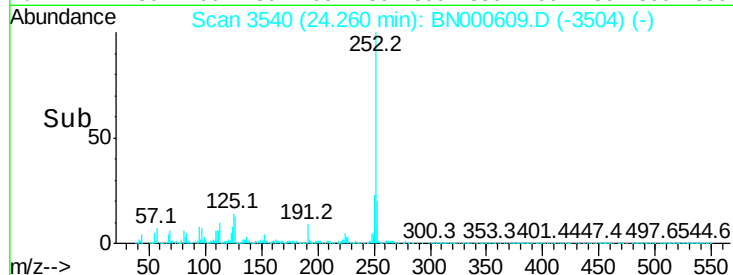
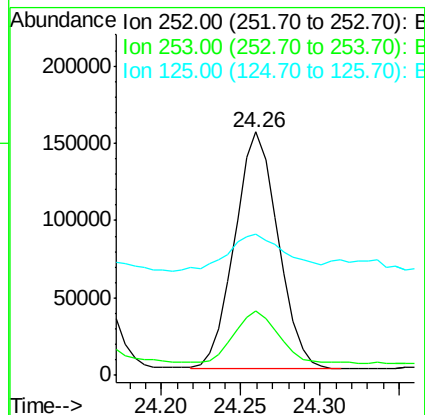
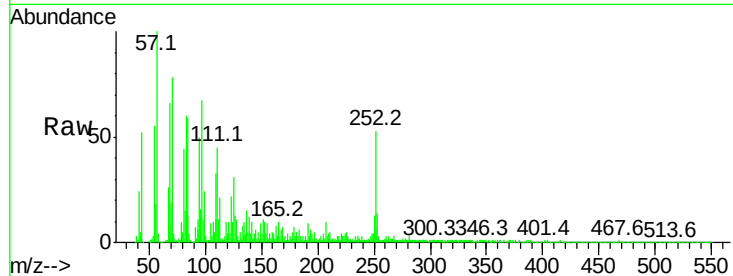
ClientSampleId :

C0AS9

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	57.8	5.8	8.6#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.837 ng/ul

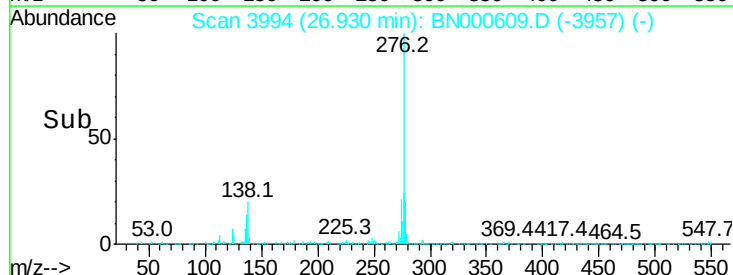
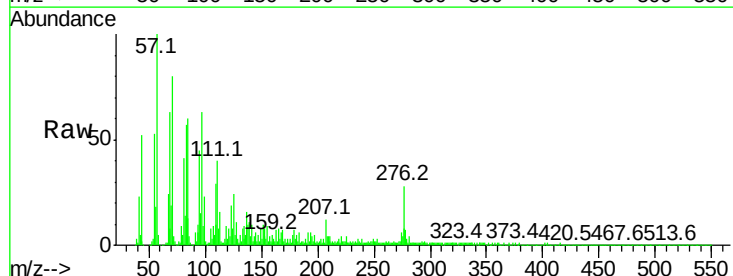
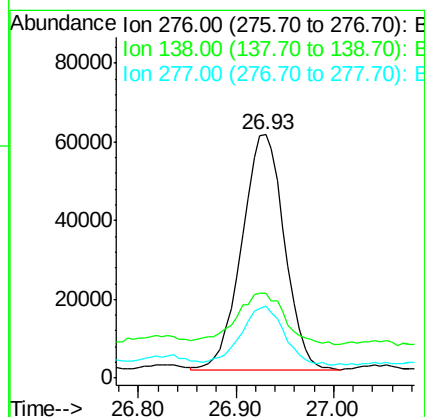
RT: 26.93 min Scan# 3994

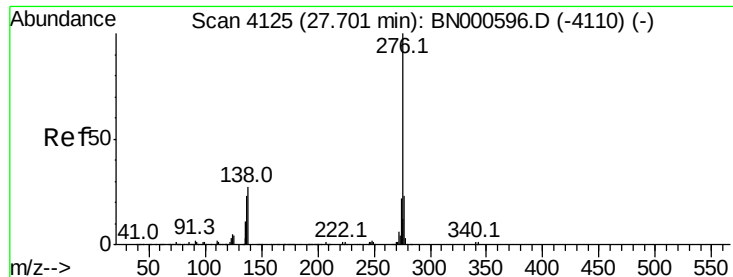
Delta R.T. 0.02 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	10.9	16.3#
277	29.6	18.9	28.3#





#91

Benzo(a,h,i)perylene

Concen: 5.204 ng/ul

RT: 27.72 min Scan# 4128

Delta R.T. 0.02 min

Lab File: BN000609.D

Acq: 24 Mar 2018 09:10

Instrument :

BNA_N

ClientSampleId :

C0AS9

Tot Ion:	276	Resp:	162112
Ion Ratio	Lower	Upper	
276	100		
138	36.4	11.2	16.8#
277	28.7	19.0	28.6#

Manual Integrations
APPROVED

Sohil
3/26/2018 6:39:38 PM

