

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002600.D
 Acq On : 06 Sep 2018 03:02
 Operator : JU/SJ
 Sample : J4688-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z19

Manual Integrations
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 9/6/2018 4:29:58 PM

Quant Time: Sep 06 07:40:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	137450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	655457	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	409231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	966327	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1016867	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	928070	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8935	3.07	ng/uL	0.00
5) Phenol-d5	6.85	99	251234	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	166436	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	206416	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	206777	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	108851	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	128518	23.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	227169	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	141876	13.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	788264	23.24	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	981623	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	103060	16.07	ng/ul	0.01
57) Fluorene-d10	15.29	176	695030	23.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	122448	19.90	ng/ul	0.00
70) Anthracene-d10	17.14	188	1103676	23.91	ng/ul	0.00
78) Pyrene-d10	19.44	212	1261274	25.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1186226	24.44	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	13237	1.031	ng/ul#	90
28) Naphthalene	10.48	128	63547	1.884	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	48295	1.940	ng/ul	96
44) Dimethylphthalate	13.75	163	373396	11.223	ng/ul	98
47) Acenaphthylene	14.02	152	114842	2.898	ng/ul	97
53) Dibenzofuran	14.70	168	40441	1.026	ng/ul	97
69) Phenanthrene	17.09	178	667243	12.525	ng/ul	98
71) Anthracene	17.17	178	91990	1.703	ng/ul	98
74) Carbazole	17.45	167	129488	2.703	ng/ul	98
76) Fluoranthene	19.11	202	1425905	23.518	ng/ul	99
79) Pyrene	19.47	202	1078238	17.585	ng/ul	99
82) Benzo(a)anthracene	21.23	228	384422	6.171	ng/ul	96
84) Chrysene	21.28	228	584152	9.907	ng/ul	98
87) Benzo(b)fluoranthene	22.80	252	616679	11.085	ng/ul#	89
88) Benzo(k)fluoranthene	22.84	252	205250m	3.916	ng/ul	
90) Benzo(a)pyrene	23.36	252	306632	5.786	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	209086	3.316	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.67	278	56124	1.065	ng/ul#	74
93) Benzo(g,h,i)perylene	26.35	276	179306	3.409	ng/ul	97

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

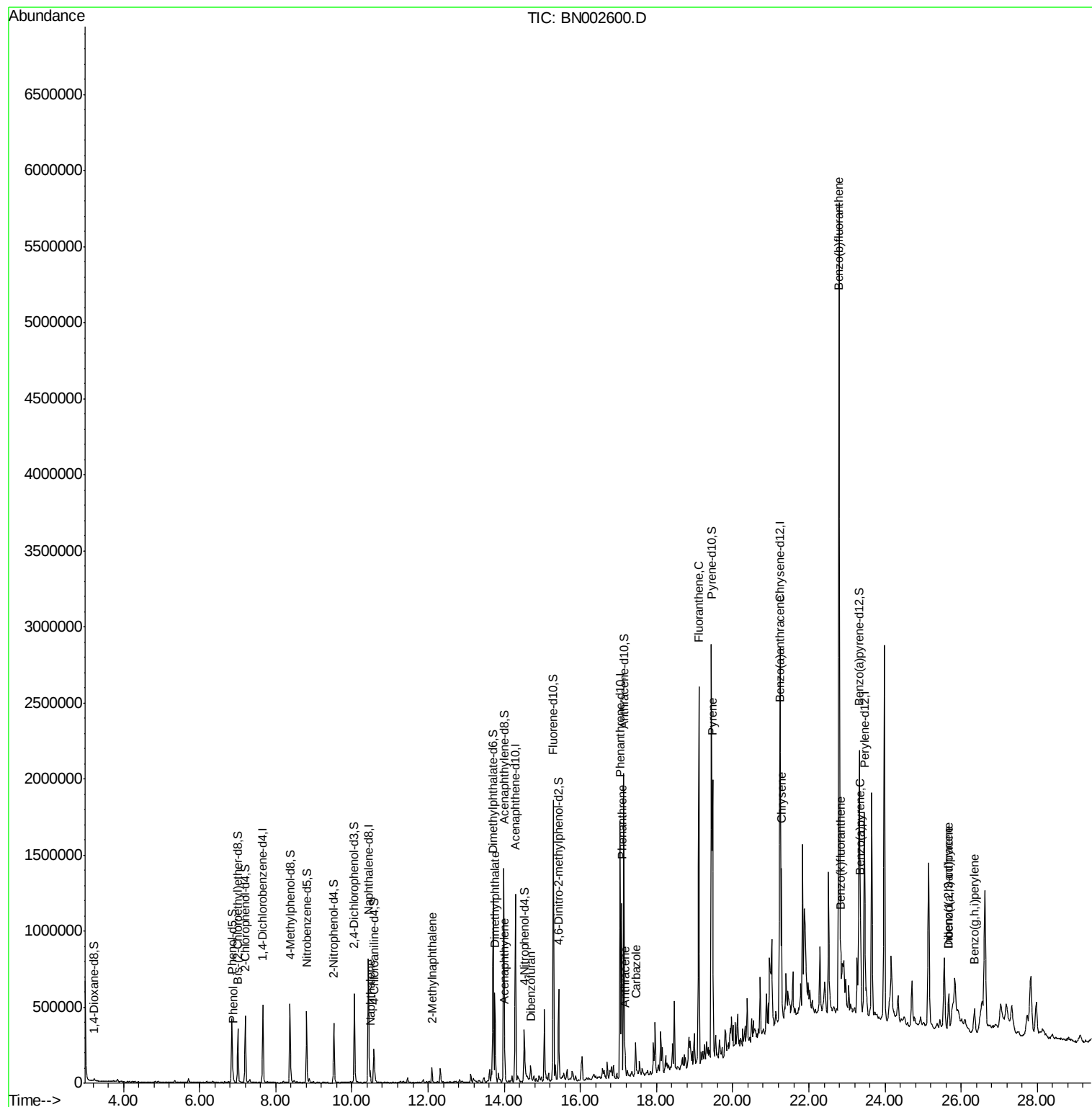
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002600.D
Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

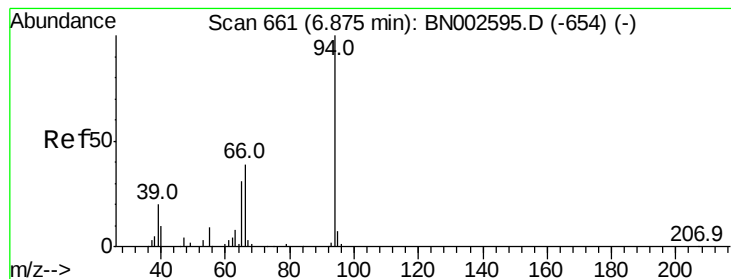
Instrument :
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Quant Time: Sep 06 07:40:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.031 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Instrument :

BNA_N

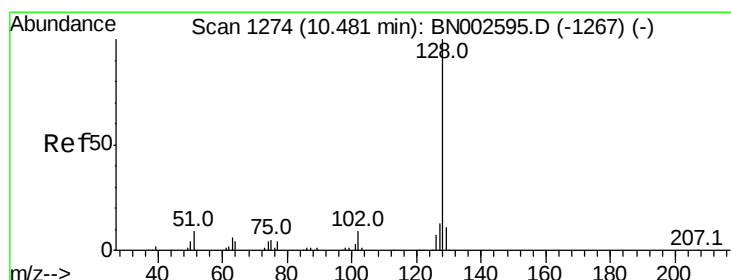
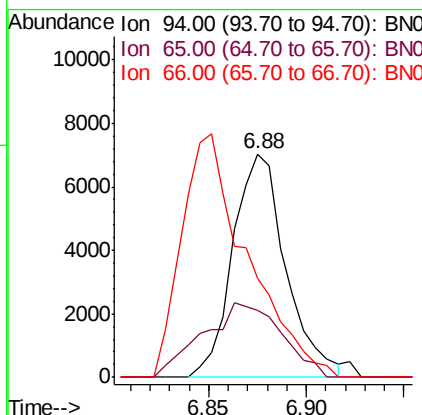
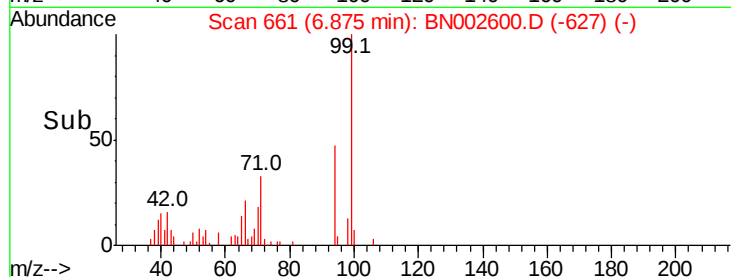
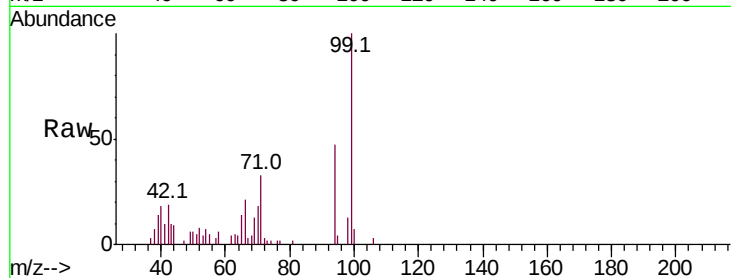
ClientSampled :

A3Z19

Tot Ion:	94	Resp:	13237
Ion Ratio	Lower	Upper	
94	100		
65	29.7	21.0	31.6
66	44.2	29.3	43.9#

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#28

Naphthalene

Concen: 1.884 ng/ul

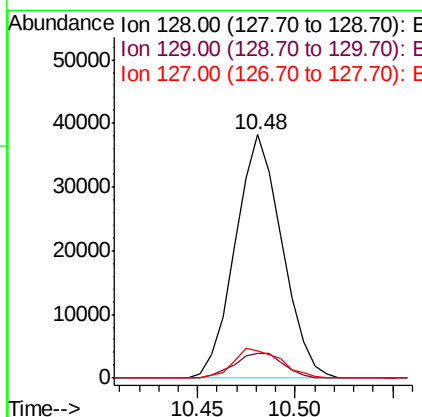
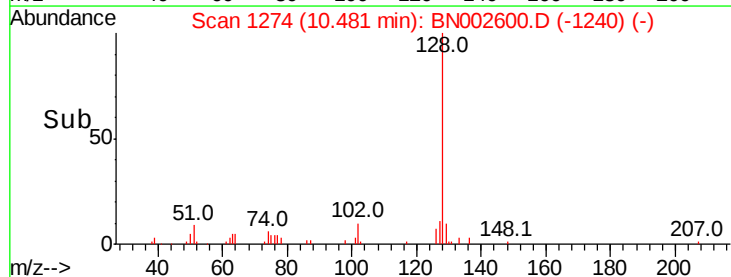
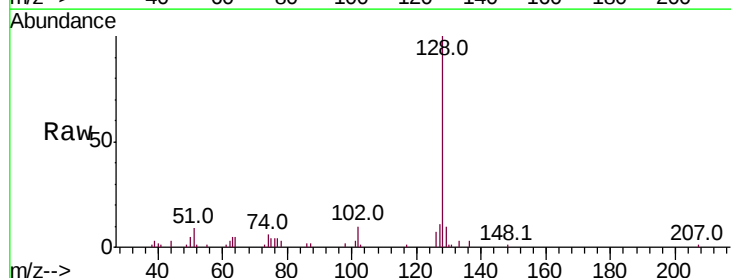
RT: 10.48 min Scan# 1274

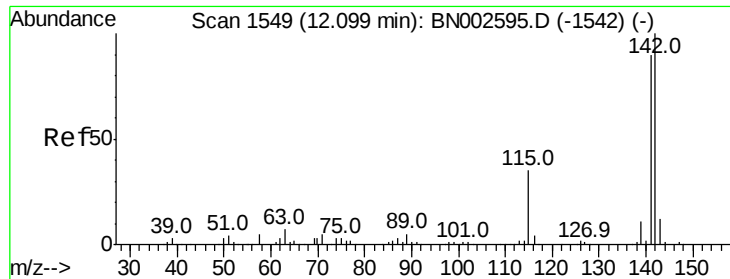
Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Tgt Ion:	128	Resp:	63547
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.8	13.2
127	11.4	10.5	15.7





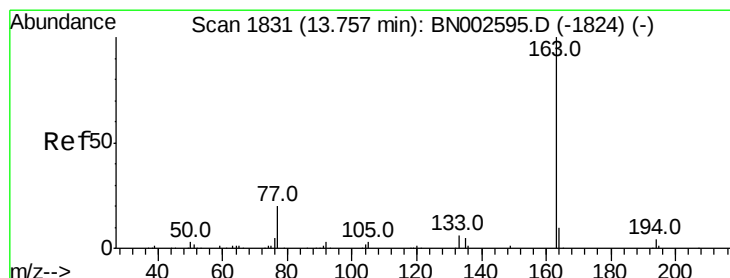
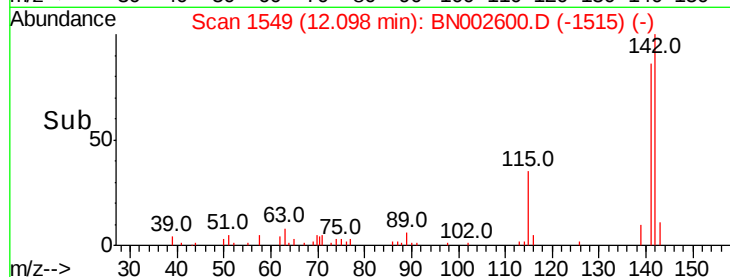
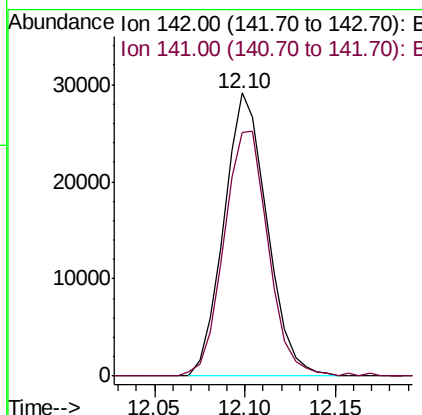
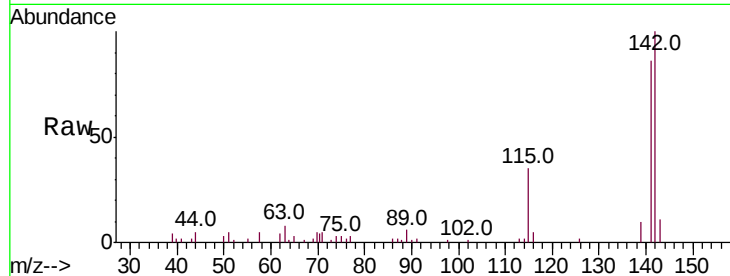
#34
 2-Methylnaphthalene
 Concen: 1.940 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

Instrument :
 BNA_N
 ClientSampleId :
 A3Z19

Tot Ion:142 Resp: 48295
 Ion Ratio Lower Upper
 142 100
 141 85.9 71.6 107.4

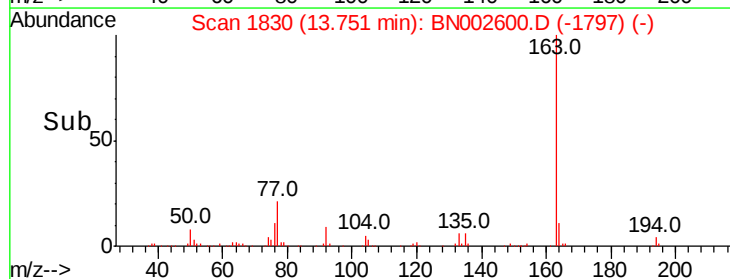
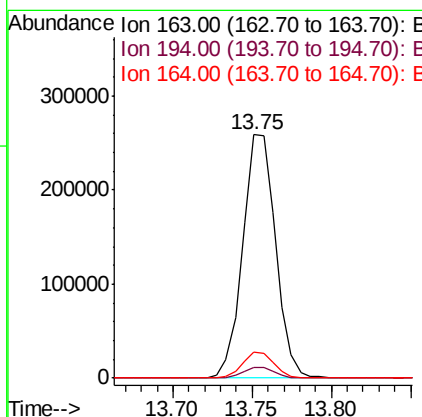
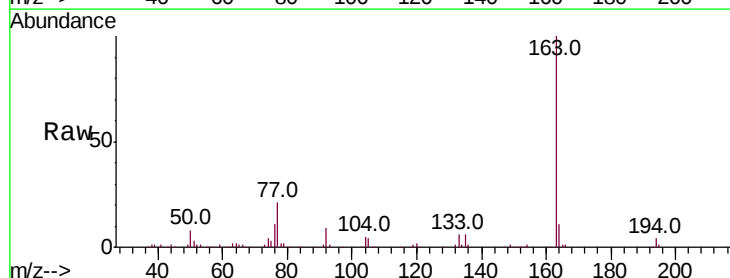
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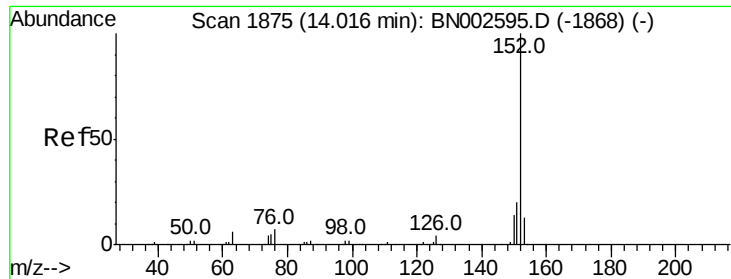
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#44
 Dimethylphthalate
 Concen: 11.223 ng/ul
 RT: 13.75 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

Tgt Ion:163 Resp: 373396
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 10.5 7.8 11.8





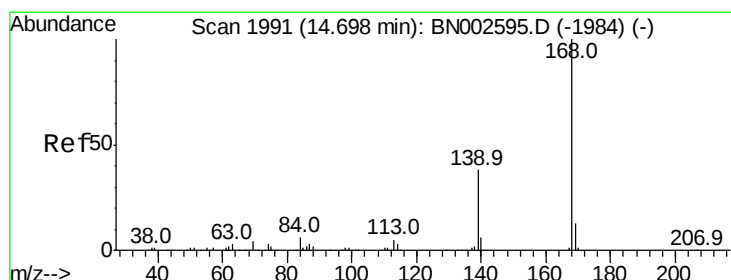
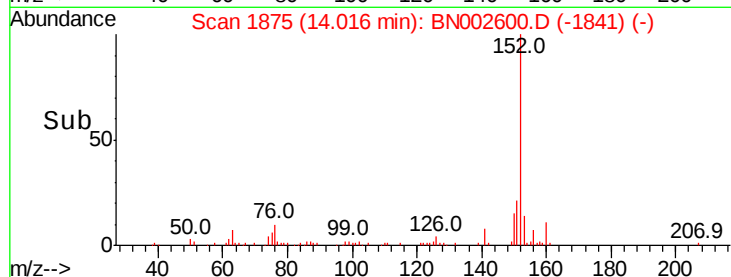
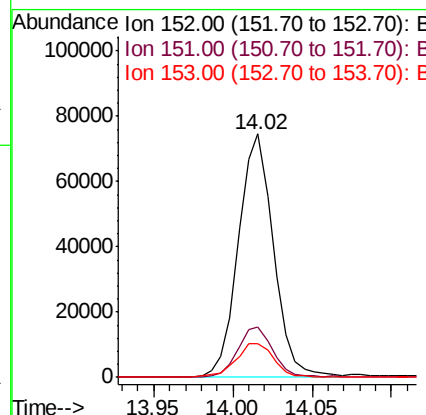
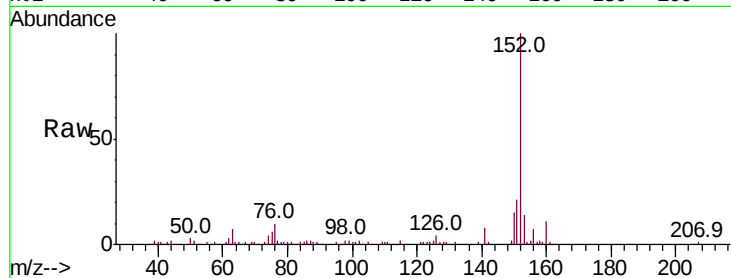
#47
Acenaphthylene
Concen: 2.898 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BN002600.D
Acq: 06 Sep 2018 03:02

Instrument :
BNA_N
ClientSampled :
A3Z19

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	14.1	10.5	15.7

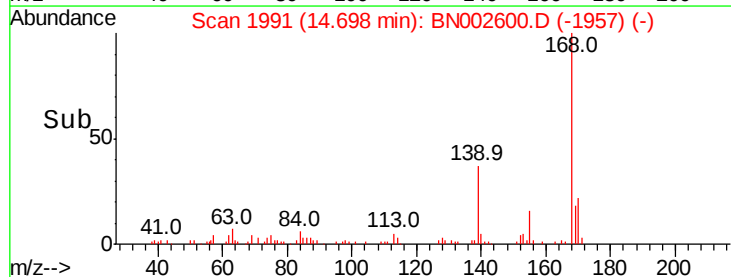
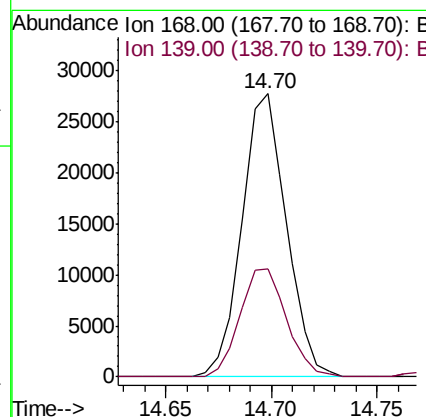
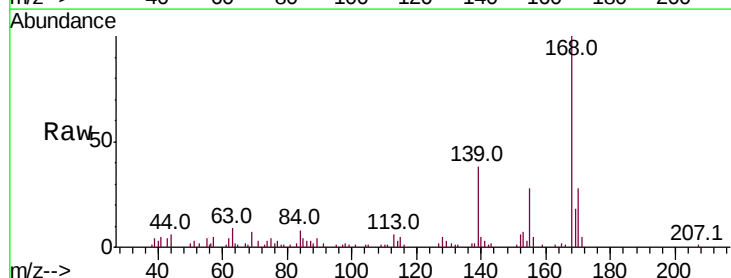
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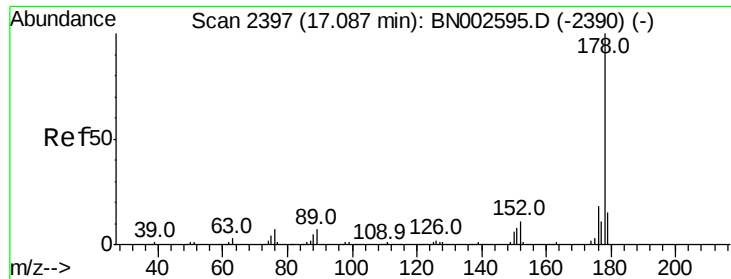
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#53
Dibenzofuran
Concen: 1.026 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BN002600.D
Acq: 06 Sep 2018 03:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.2	48.2





#69

Phenanthrene

Concen: 12.525 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Instrument :

BNA_N

ClientSampleId :

A3Z19

Tot Ion:178 Resp: 667243

Ion Ratio Lower Upper

178 100

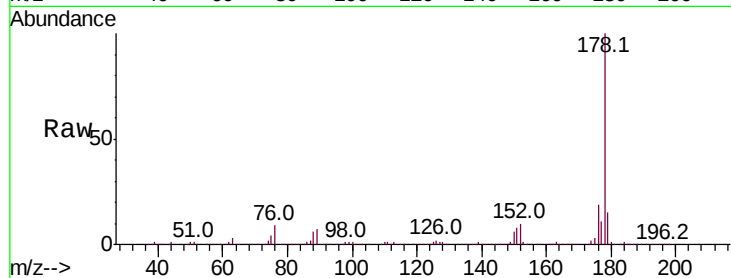
179 14.9 12.2 18.4

176 18.6 15.6 23.4

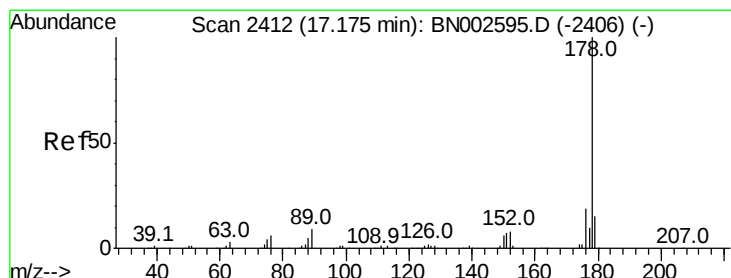
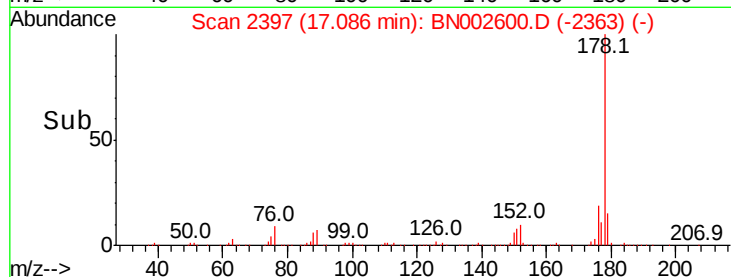
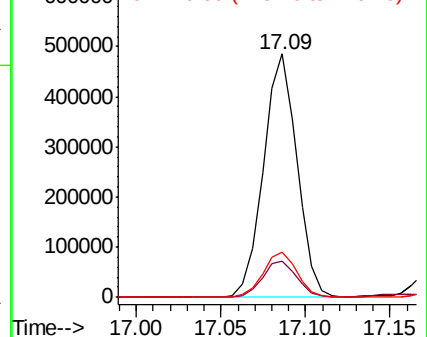
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.703 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

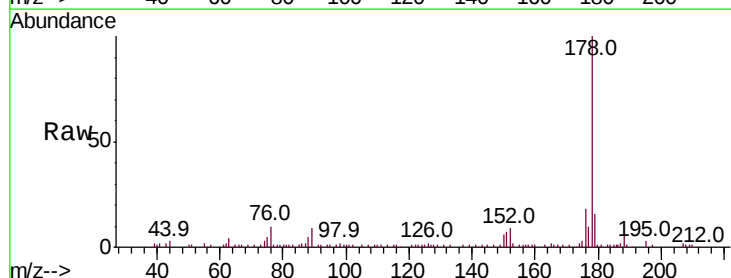
Tgt Ion:178 Resp: 91990

Ion Ratio Lower Upper

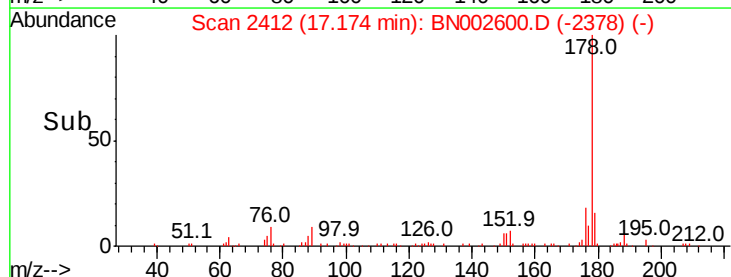
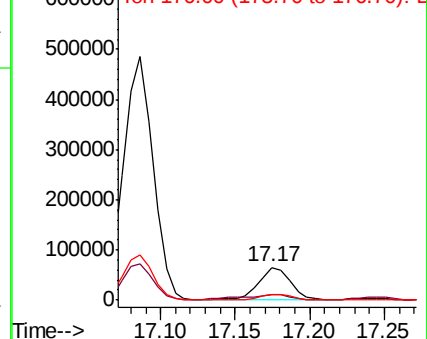
178 100

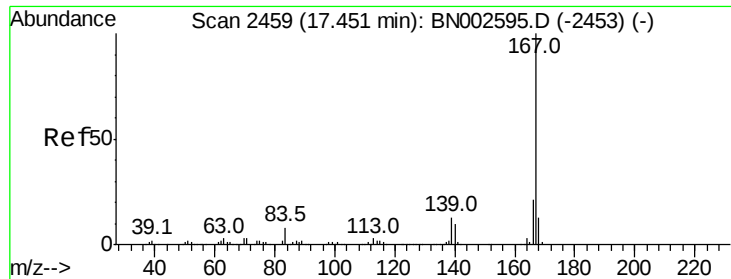
179 16.5 12.1 18.1

176 18.2 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





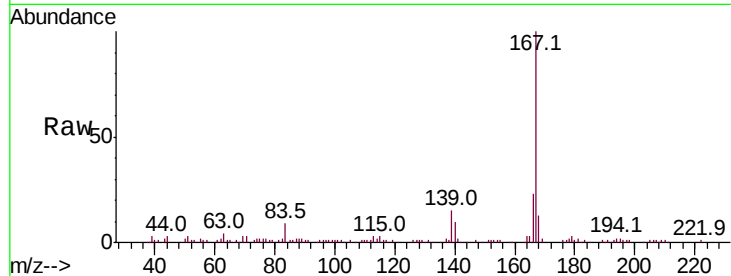
#74
 Carbazole
 Concen: 2.703 ng/ul
 RT: 17.45 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

Instrument :
 BNA_N
 ClientSampleId :
 A3Z19

Tot Ion:	167	Resp:	129488
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.0	25.6
139	14.6	11.0	16.4

Manual Integrations
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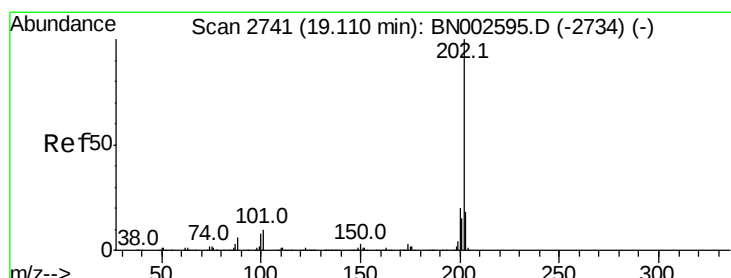
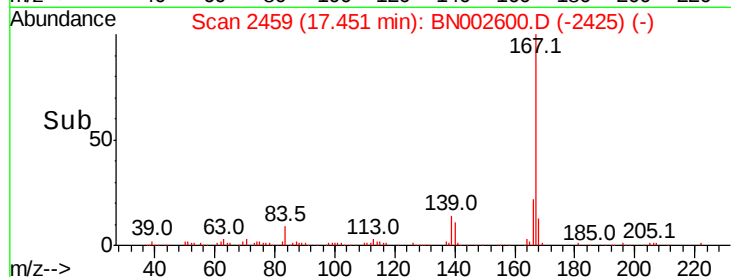
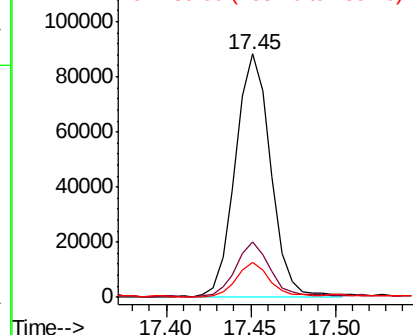


Abundance

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: 23.518 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

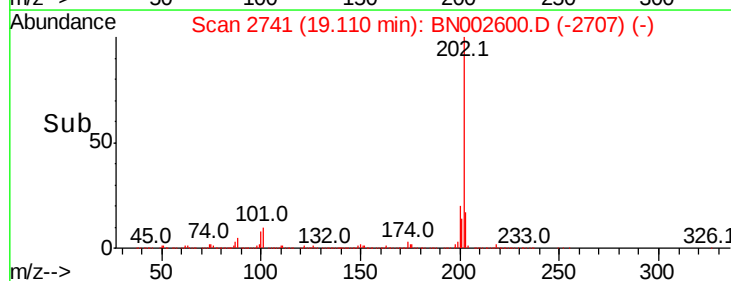
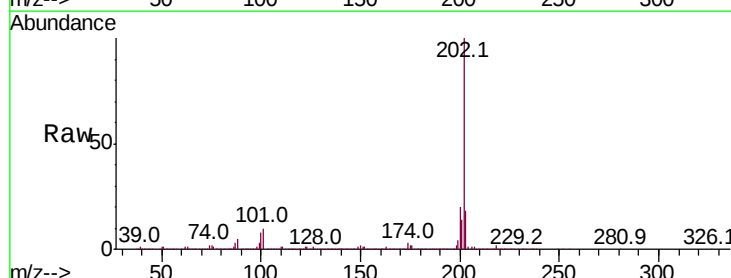
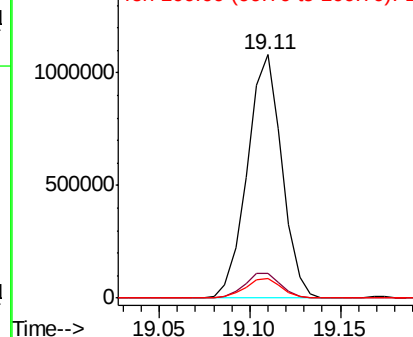
Tgt Ion:	202	Resp:	1425905
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.8	13.2
100	8.3	6.6	9.8

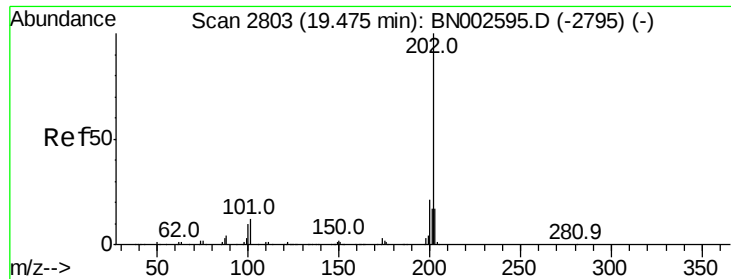
Abundance

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): E





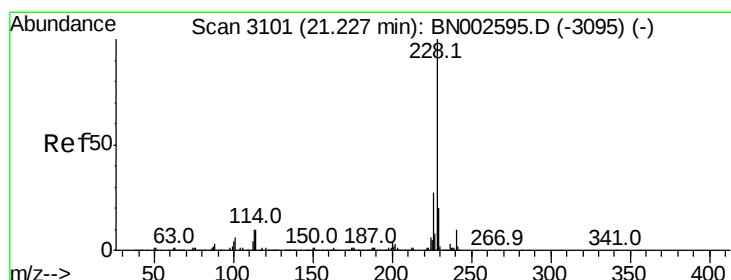
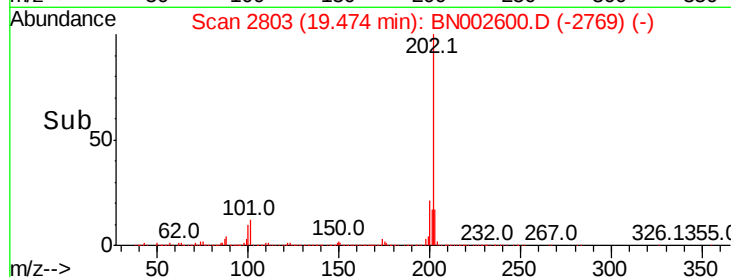
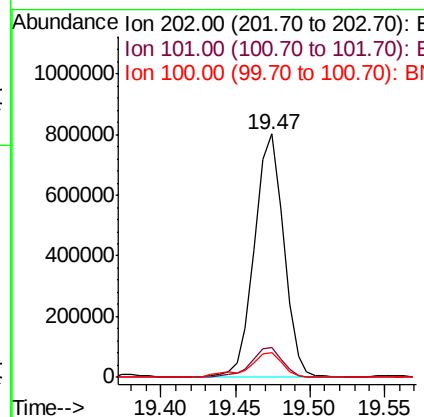
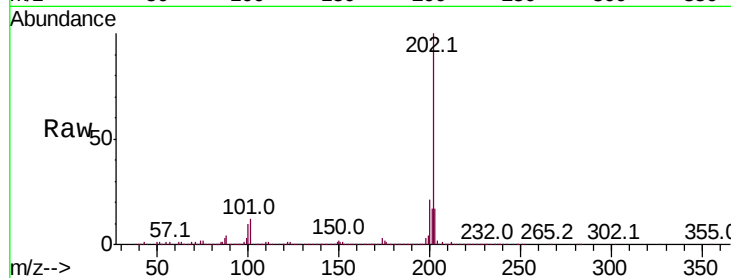
#79
Pvrene
Concen: 17.585 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN002600.D
Acq: 06 Sep 2018 03:02

Instrument :
BNA_N
ClientSampled :
A3Z19

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
100	10.1	8.5	12.7

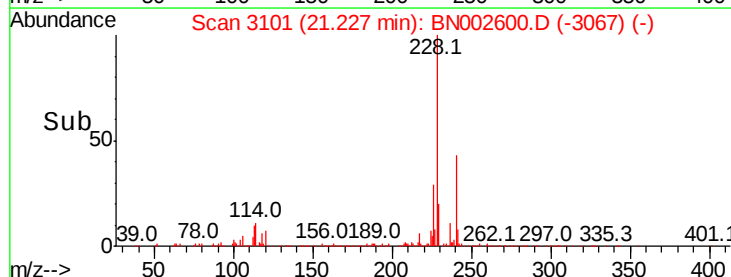
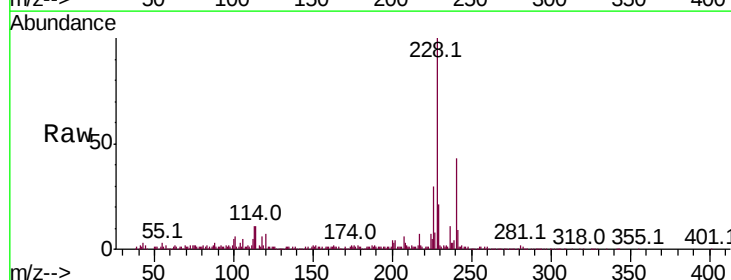
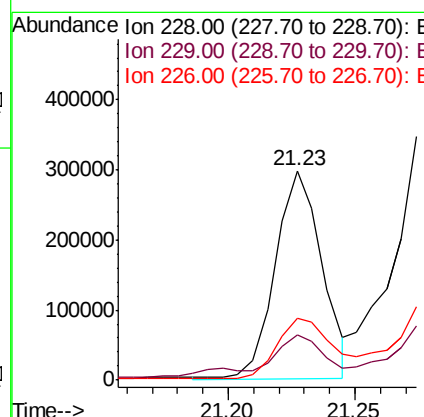
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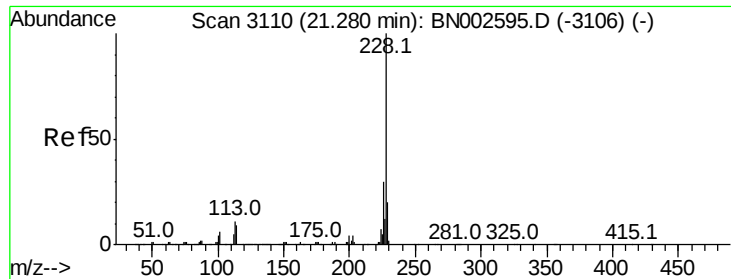
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#82
Benzo(a)anthracene
Concen: 6.171 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN002600.D
Acq: 06 Sep 2018 03:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	29.6	21.8	32.6





#84

Chrysene

Concen: 9.907 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Instrument :

BNA_N

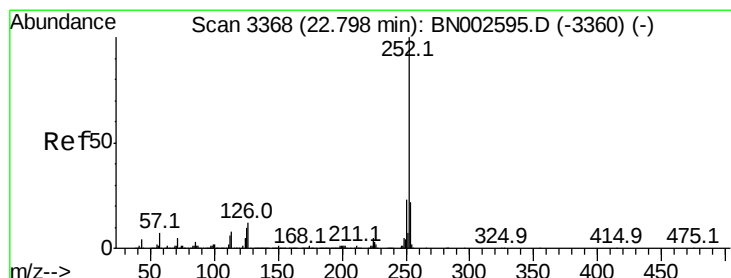
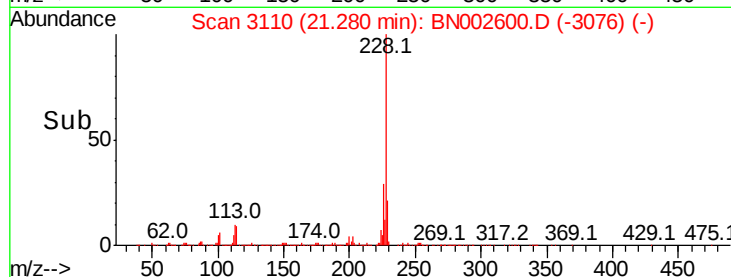
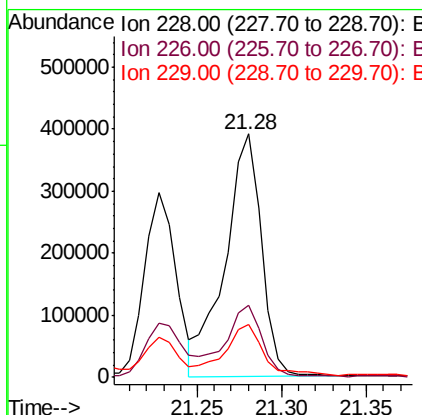
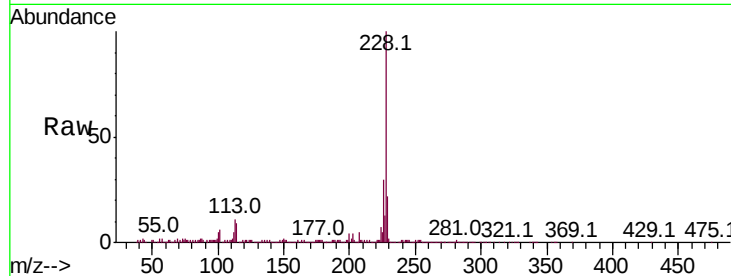
ClientSampled :

A3Z19

Tot Ion:	228	Resp:	584152
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	21.8	15.6	23.4

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9/6/2018 4:29:58 PM



#87

Benzo(b)fluoranthene

Concen: 11.085 ng/ul

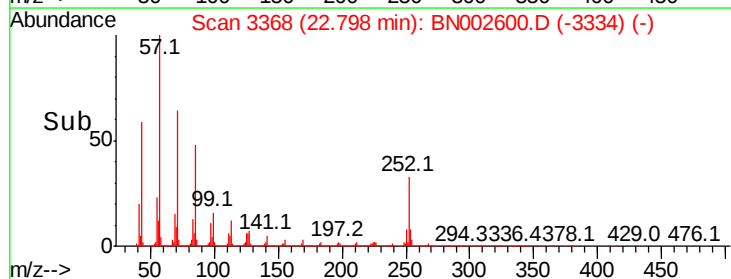
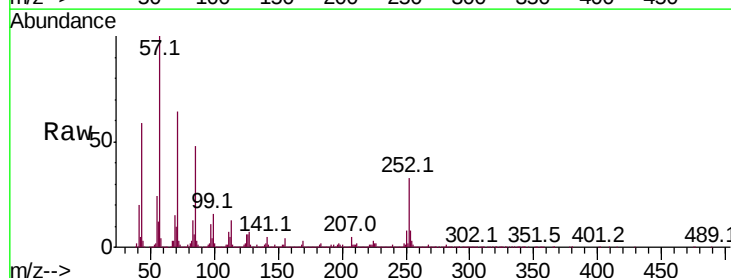
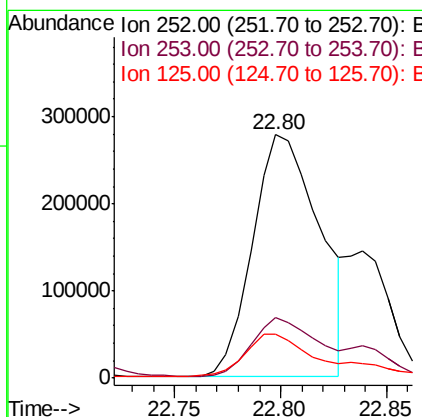
RT: 22.80 min Scan# 3368

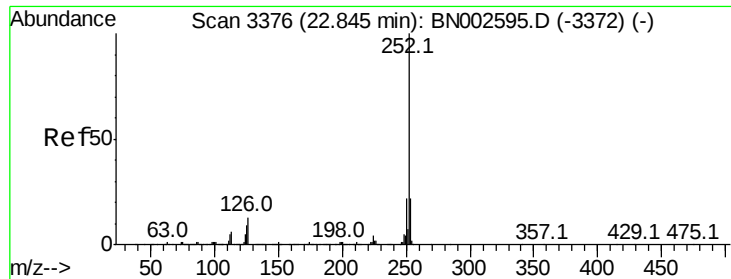
Delta R.T. -0.00 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Tgt Ion:	252	Resp:	616679
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	18.3	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 3.916 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Instrument :

BNA_N

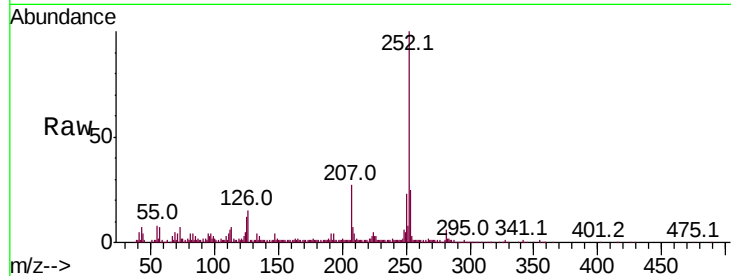
ClientSampled :

A3Z19

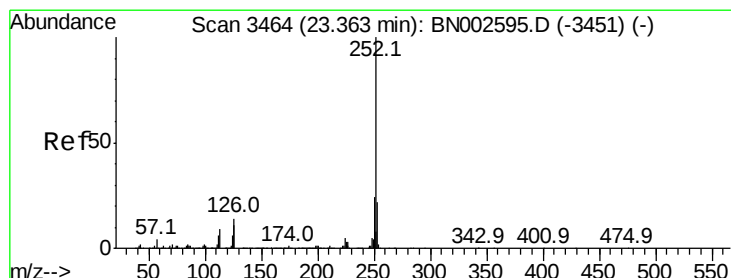
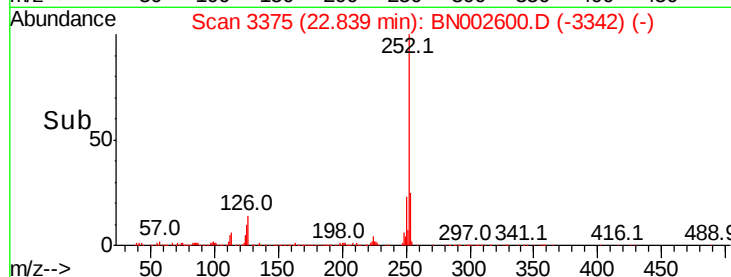
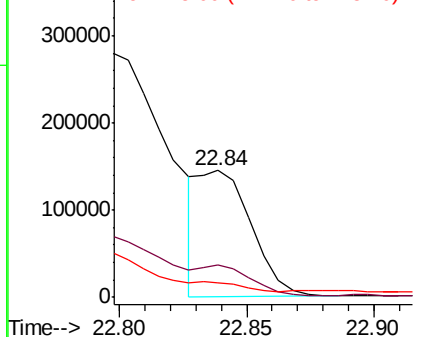
Tot Ion:	252	Resp:	205250
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.3	25.9
125	11.6	8.2	12.2

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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



#90

Benzo(a)pyrene

Concen: 5.786 ng/ul

RT: 23.36 min Scan# 3464

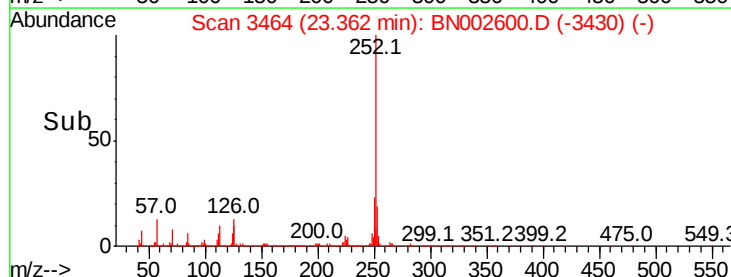
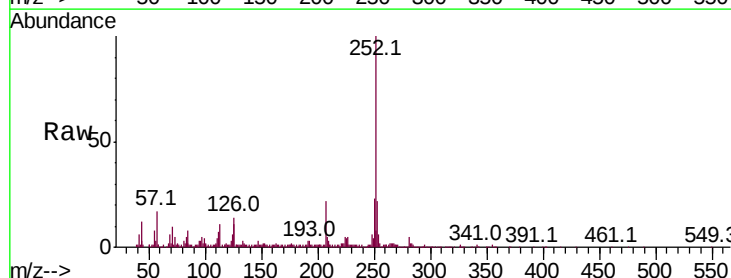
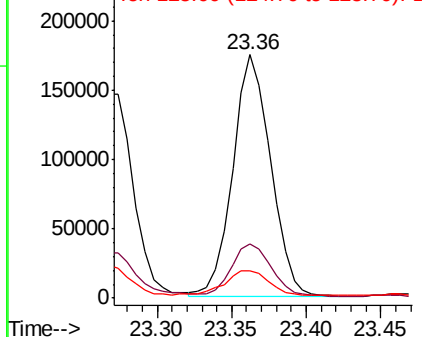
Delta R.T. -0.00 min

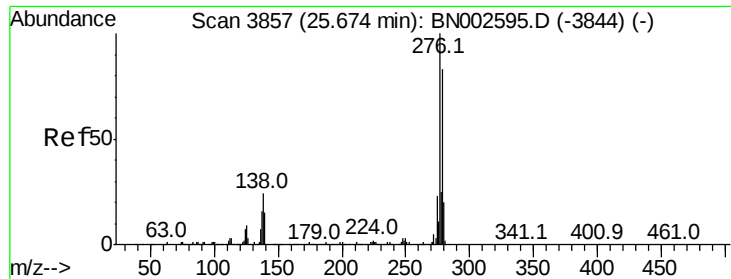
Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Tgt Ion:	252	Resp:	306632
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	11.2	9.0	13.6

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





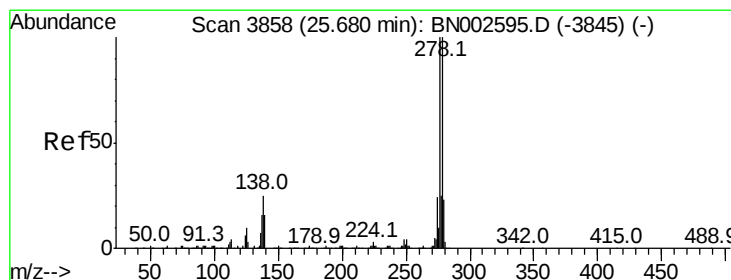
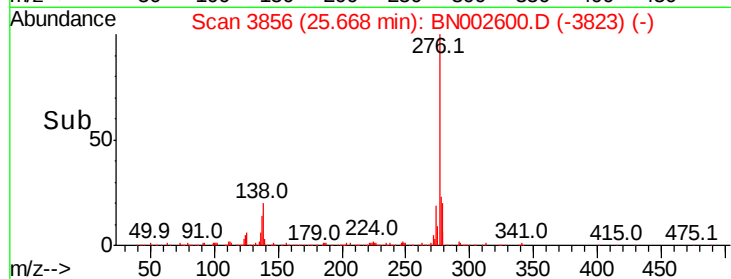
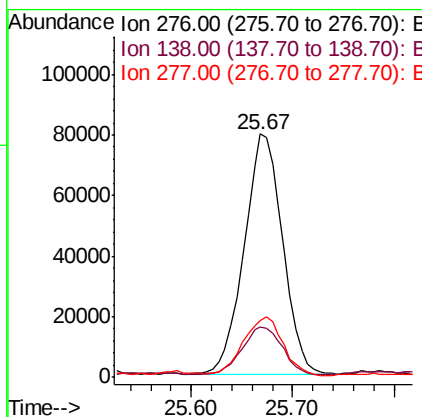
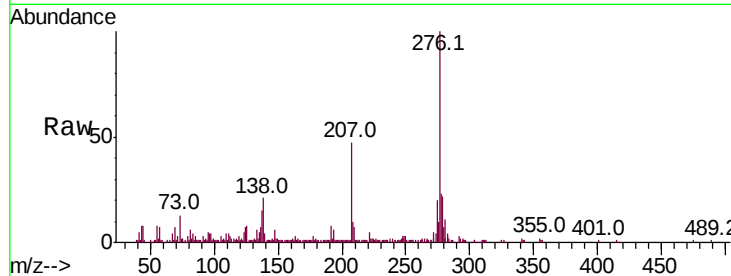
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.316 ng/ul
 RT: 25.67 min Scan# 3856
 Delta R.T. -0.01 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

Instrument :
 BNA_N
 ClientSampled :
 A3Z19

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.3	33.5#
277	23.4	20.2	30.2

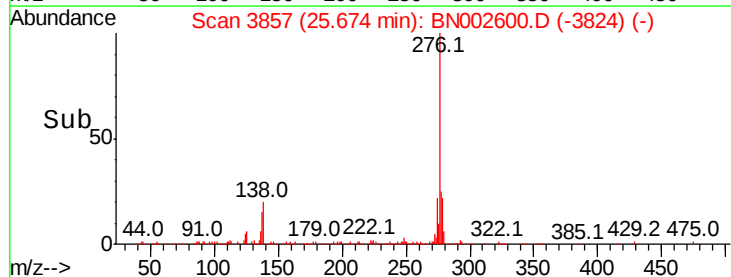
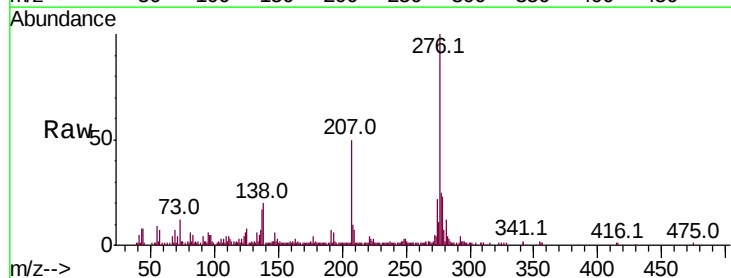
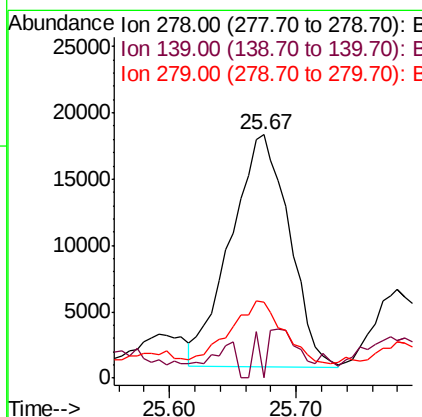
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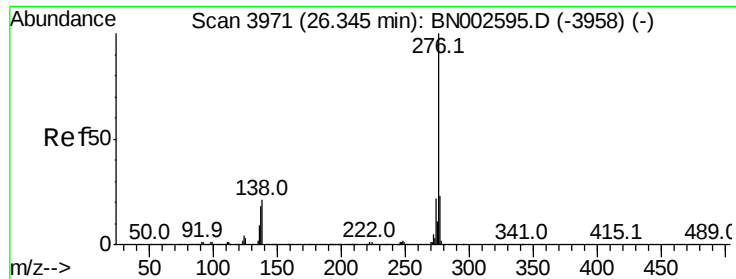
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.065 ng/ul
 RT: 25.67 min Scan# 3857
 Delta R.T. -0.01 min
 Lab File: BN002600.D
 Acq: 06 Sep 2018 03:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	31.1	19.0	28.4#





#93

Benzo(a,h,i)perylene

Concen: 3.409 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BN002600.D

Acq: 06 Sep 2018 03:02

Instrument :

BNA_N

ClientSampleId :

A3Z19

Tot Ion:	276	Resp:	179306
Ion Ratio	Lower	Upper	
276	100		
138	20.8	18.9	28.3
277	24.0	19.2	28.8

Manual Integrations
APPROVED

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