

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010093.D
 Acq On : 05 Mar 2020 00:02
 Operator : CG/JU
 Sample : L1641-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z7

Manual Integrations
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Quant Time: Mar 05 07:58:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	92105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	386686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	244185	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	512040	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	442913	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	484203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	16217m	7.24	ng/uL	0.00
5) Phenol-d5	6.56	99	317598	40.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	226350	41.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	254027	43.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	196608	31.55	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	128261	45.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.21	143	146917	47.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	244995	41.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	112068	16.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	806956	44.24	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	975399	45.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	112795	33.86	ng/ul	0.00
58) Fluorene-d10	15.01	176	707637	44.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	116748	36.70	ng/ul	0.00
71) Anthracene-d10	16.86	188	960663	40.93	ng/ul	0.00
79) Pyrene-d10	19.17	212	1133873	48.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	1086876	44.95	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	24091	1.155	ng/ul	99
45) Dimethylphthalate	13.47	163	210916	11.082	ng/ul	100
50) Acenaphthene	14.06	153	26829	1.683	ng/ul	95
54) Dibenzofuran	14.42	168	27895	1.247	ng/ul	92
59) Fluorene	15.06	166	29192	1.555	ng/ul	99
70) Phenanthrene	16.80	178	461713	15.800	ng/ul	99
72) Anthracene	16.90	178	95926	3.211	ng/ul	98
75) Carbazole	17.18	167	44648	1.697	ng/ul	99
77) Fluoranthene	18.84	202	824588	24.090	ng/ul	97
80) Pyrene	19.20	202	745538	23.348	ng/ul	97
83) Benzo(a)anthracene	20.97	228	395103	12.981	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.93	149	70266	3.506	ng/ul#	97
85) Chrysene	21.02	228	372125	12.419	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	538090	17.140	ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	165640m	5.572	ng/ul	
91) Benzo(a)pyrene	22.99	252	334275	11.839	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	244275	7.287	ng/ul	97
93) Dibenzo(a,h)anthracene	25.11	278	63072	2.199	ng/ul#	89
94) Benzo(g,h,i)perylene	25.73	276	174900	6.222	ng/ul	96

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

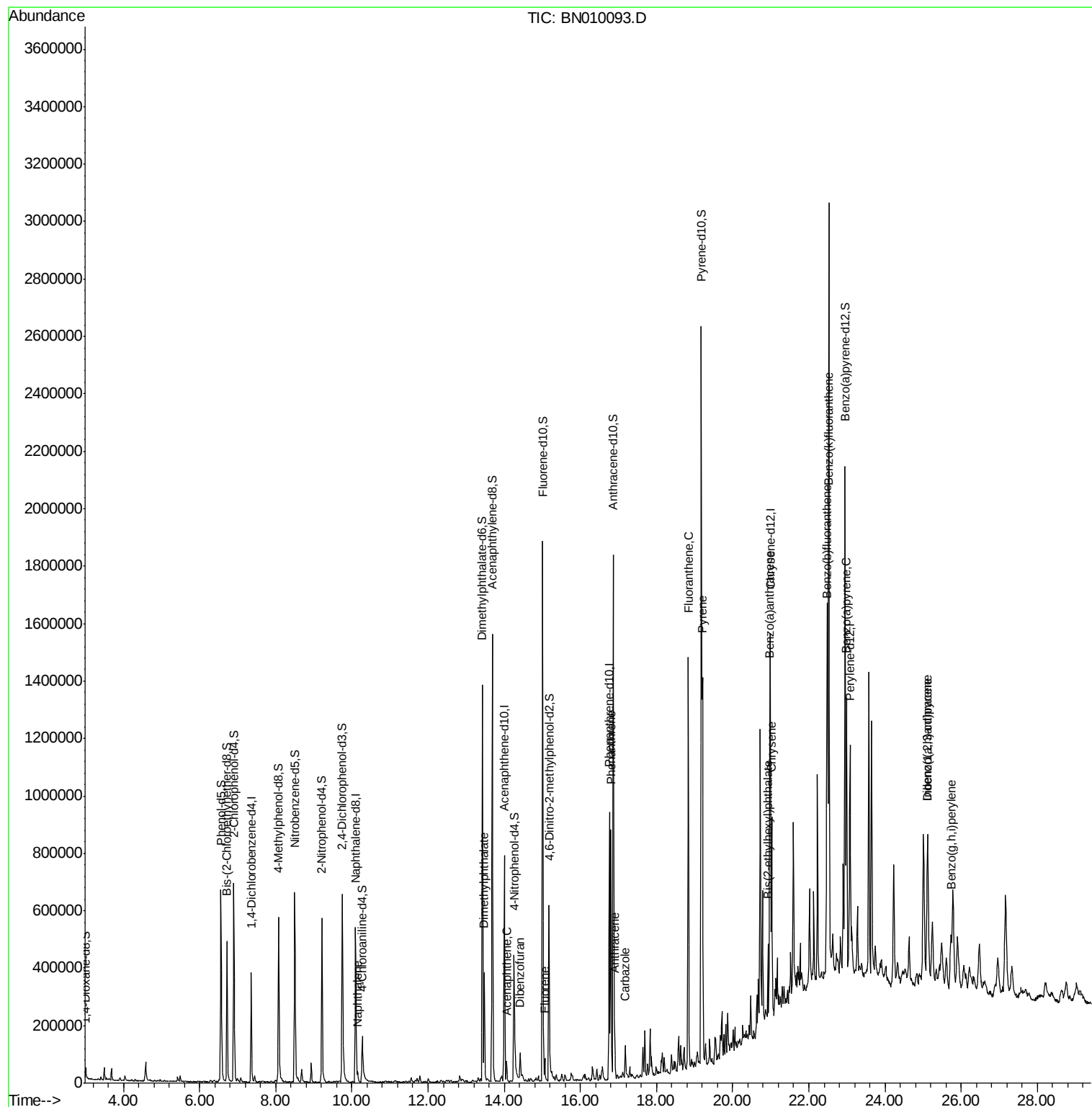
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010093.D
Acq On : 05 Mar 2020 00:02
Operator : CG/JU
Sample : L1641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

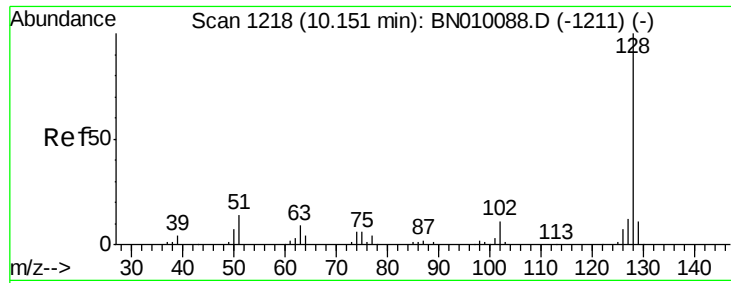
Instrument :
BNA_N
ClientSampleId :
CB6Z7

Quant Time: Mar 05 07:58:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration

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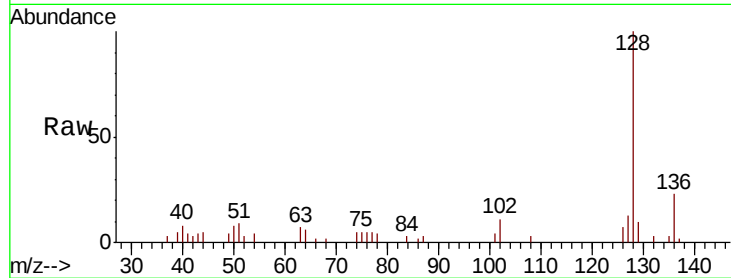
#28
Naphthalene
Concen: 1.155 ng/ul
RT: 10.15 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Instrument :
BNA_N
ClientSampleId :
CB6Z7

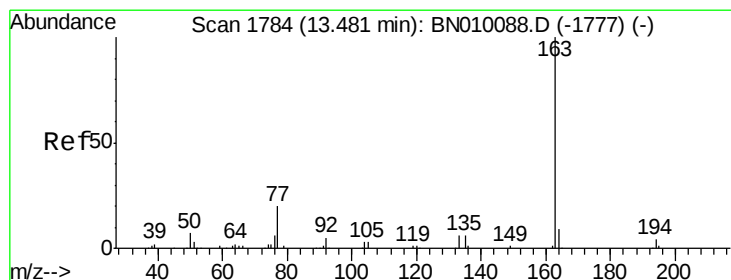
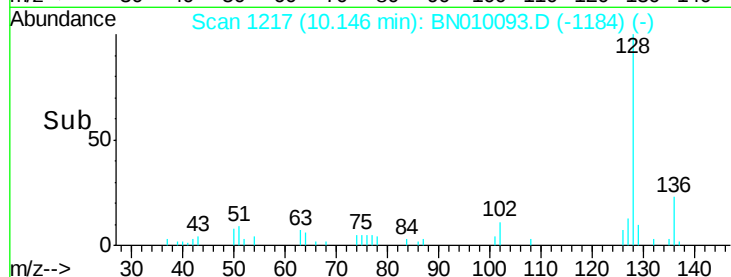
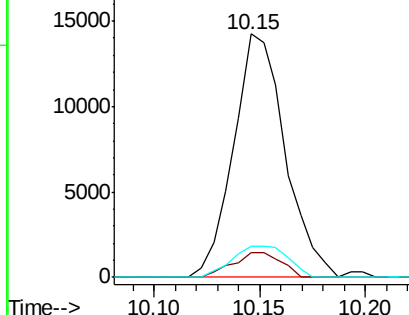
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	12.7	10.3	15.5

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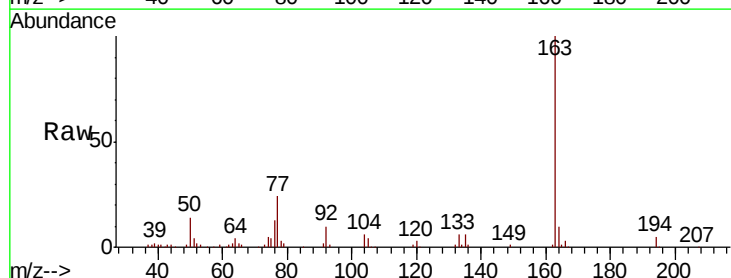


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

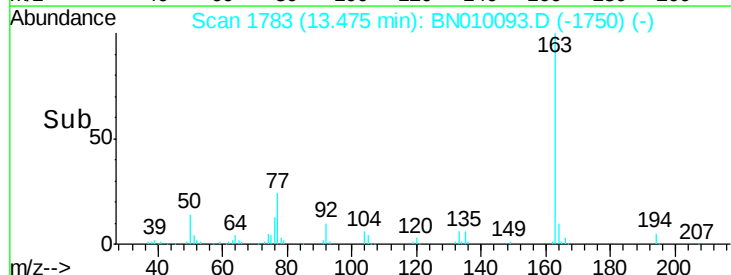
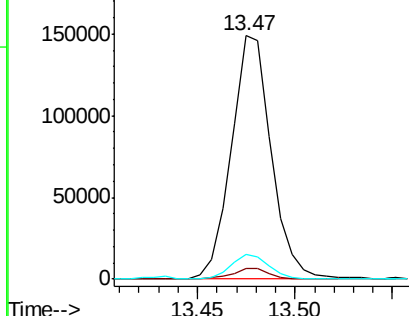


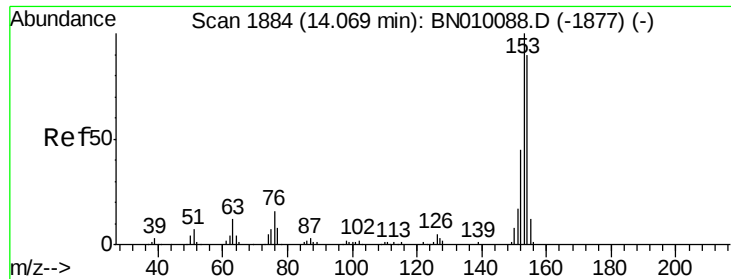
#45
Dimethylphthalate
Concen: 11.082 ng/ul
RT: 13.47 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.0	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





#50

Acenaphthene

Concen: 1.683 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

Instrument :

BNA_N

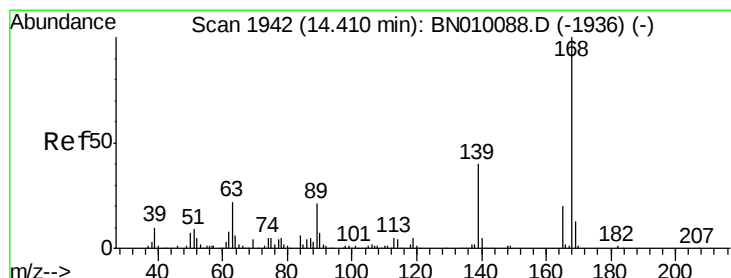
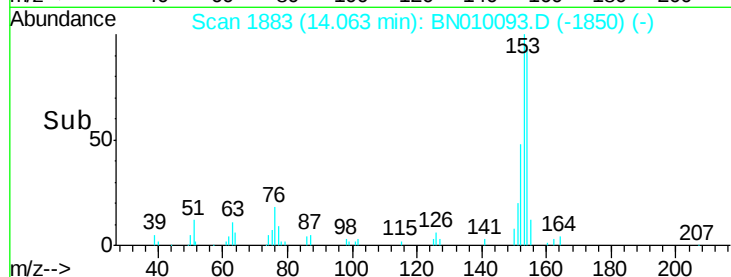
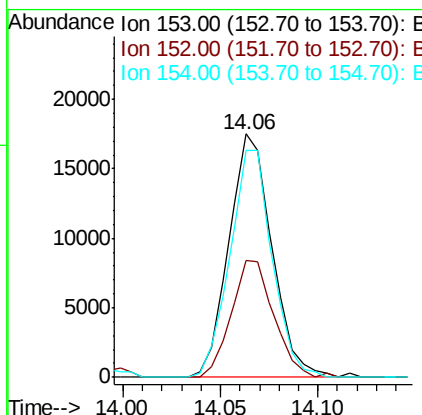
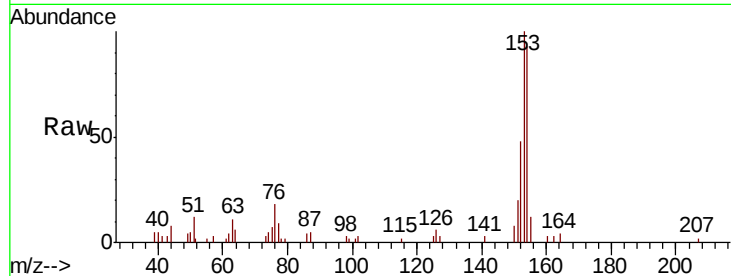
ClientSampleId :

CB6Z7

Tot Ion:	153	Resp:	26829
Ion	Ratio	Lower	Upper
153	100		
152	47.9	36.6	54.8
154	93.4	70.6	106.0

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#54

Dibenzofuran

Concen: 1.247 ng/ul

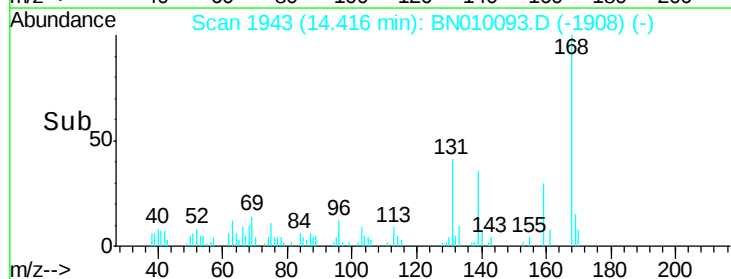
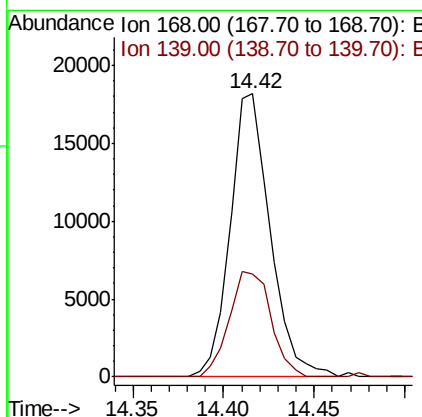
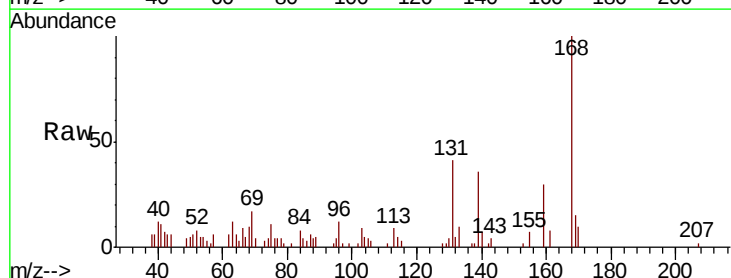
RT: 14.42 min Scan# 1943

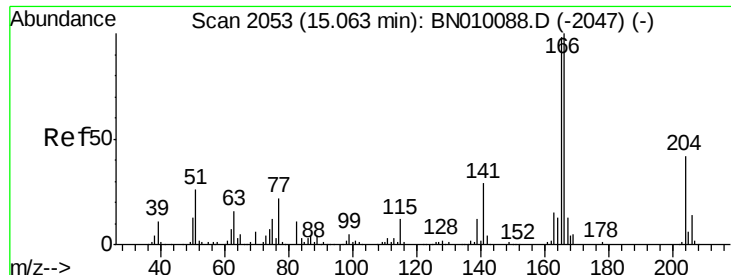
Delta R.T. 0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

Tgt Ion:	168	Resp:	27895
Ion	Ratio	Lower	Upper
168	100		
139	36.2	32.7	49.1





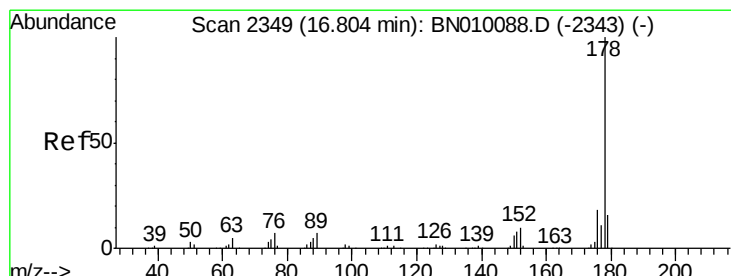
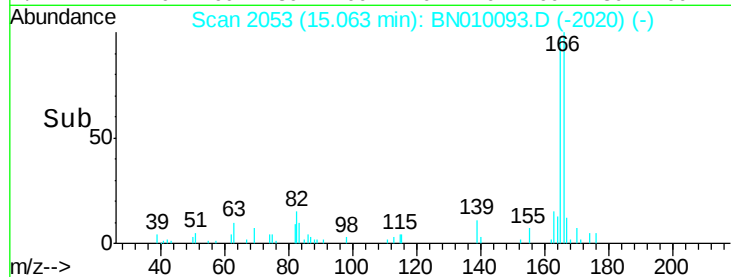
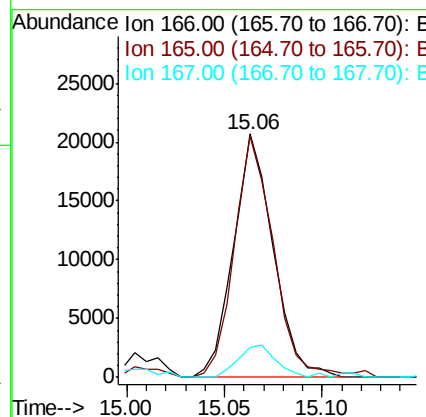
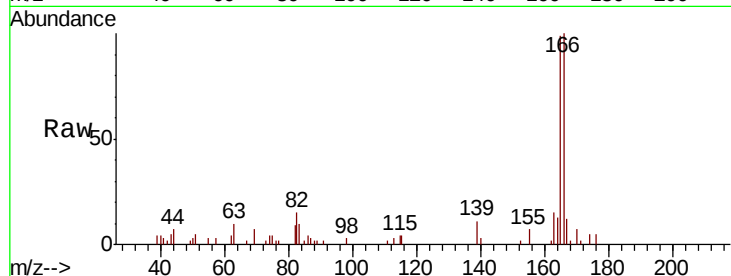
#59
Fluorene
 Concen: 1.555 ng/ul
 RT: 15.06 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BN010093.D
 Acq: 05 Mar 2020 00:02

Instrument :
 BNA_N
 ClientSampled :
 CB6Z7

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	12.1	10.7	16.1

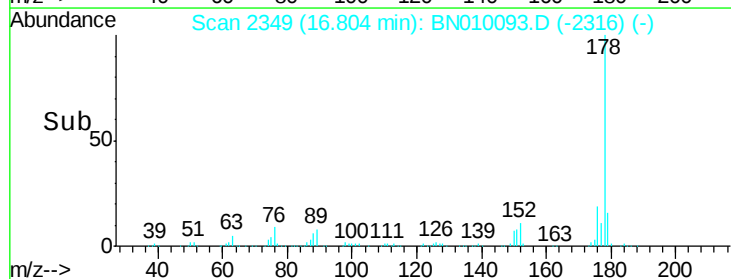
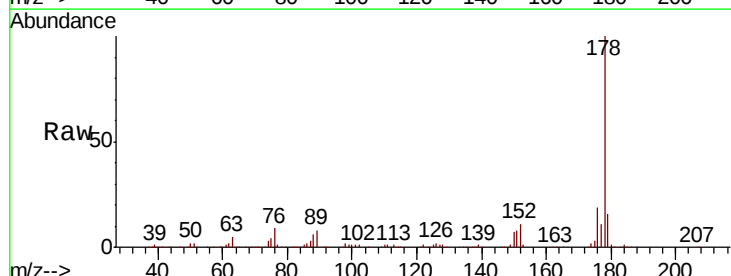
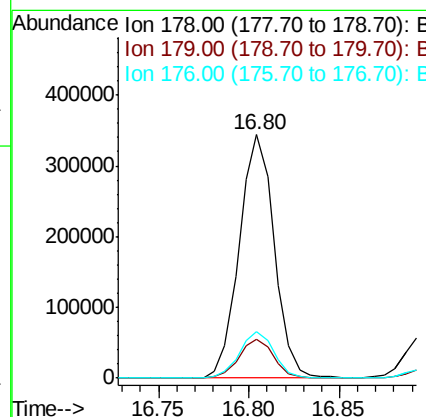
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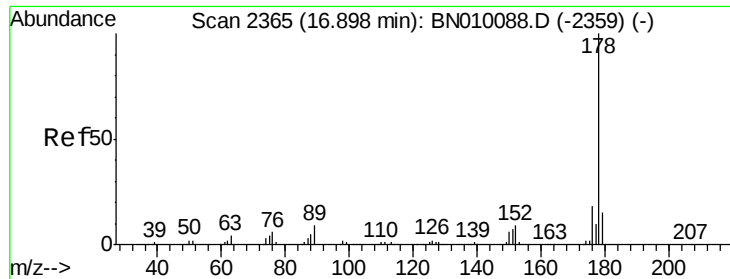
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#70
Phenanthrene
 Concen: 15.800 ng/ul
 RT: 16.80 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BN010093.D
 Acq: 05 Mar 2020 00:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.1	14.6	22.0





#72

Anthracene

Concen: 3.211 ng/ul

RT: 16.90 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

Instrument :

BNA_N

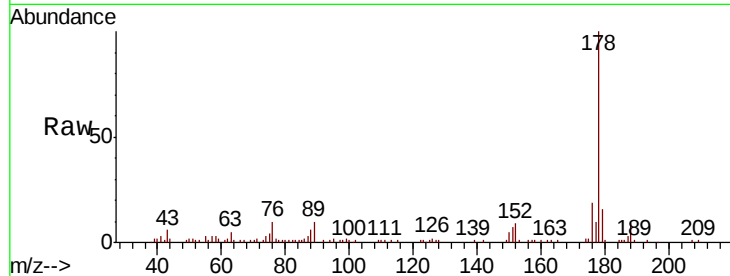
ClientSampleId :

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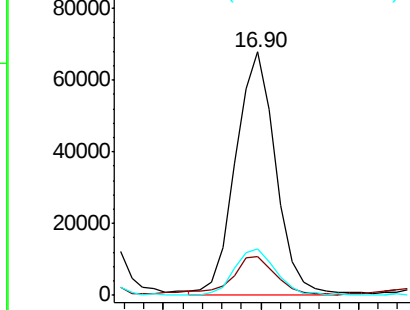
Tot Ion:	178	Resp:	95926
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.2
176	19.2	14.6	21.8

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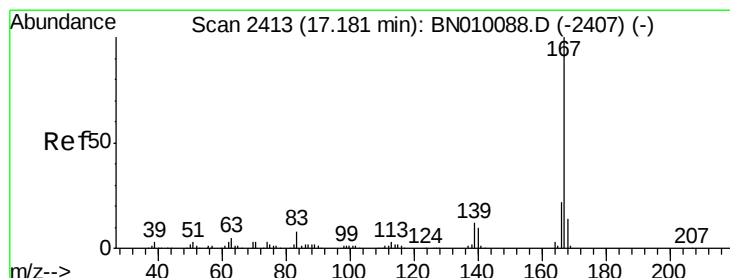
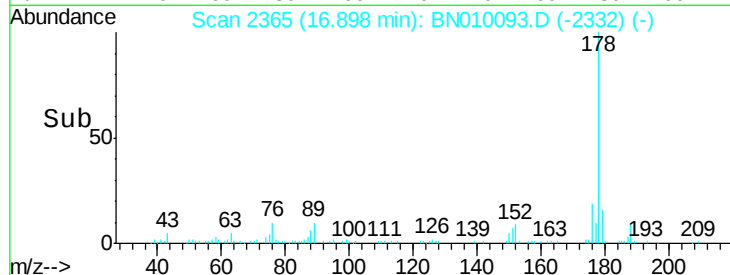
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 1.697 ng/ul

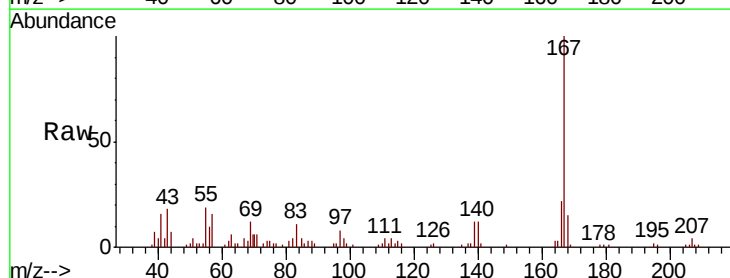
RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

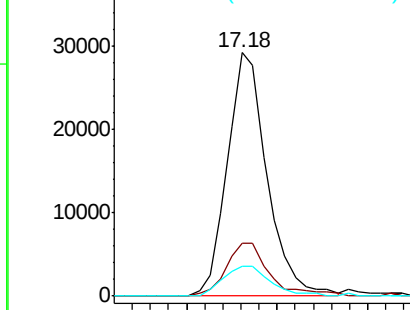
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Acq: 05 Mar 2020 00:02

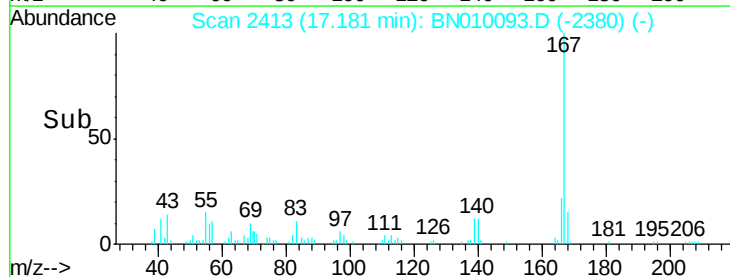
Tgt Ion:	167	Resp:	44648
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.6	24.8
139	12.4	9.9	14.9

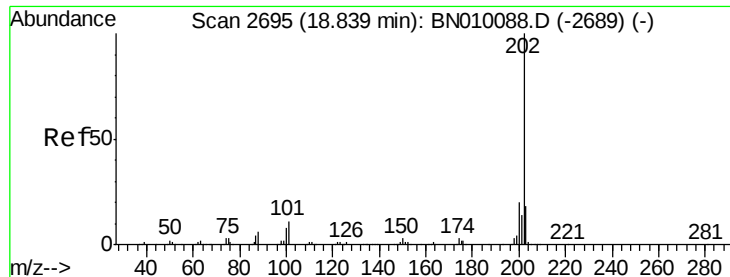


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





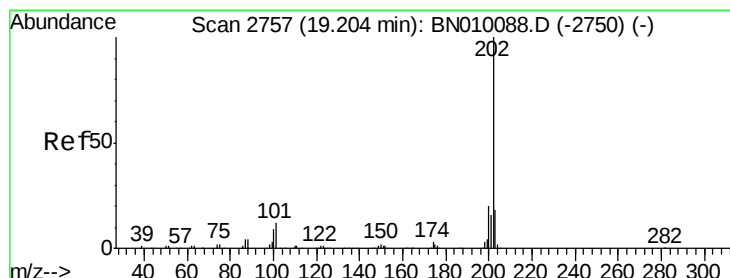
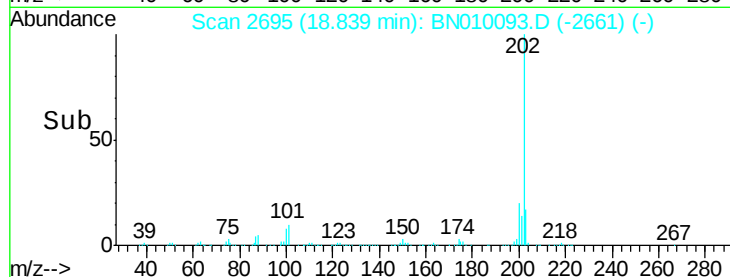
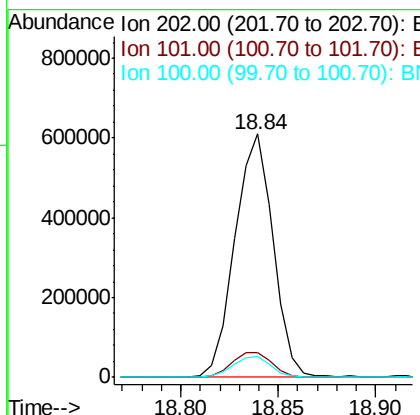
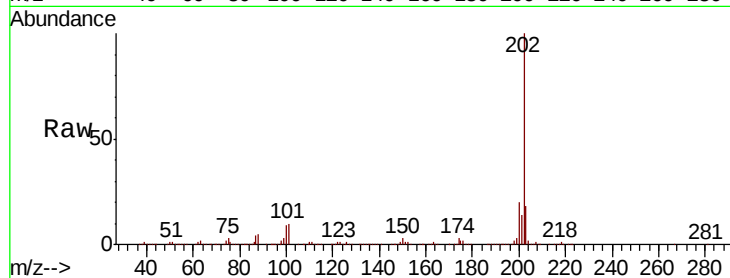
#77
Fluoranthene
 Concen: 24.090 ng/ul
 RT: 18.84 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: BN010093.D
 Acq: 05 Mar 2020 00:02

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z7

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	9.4	14.2
100	8.5	7.2	10.8

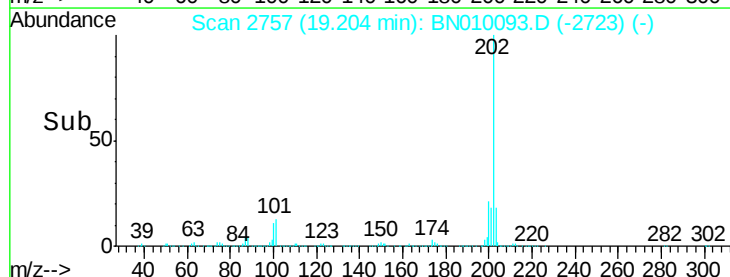
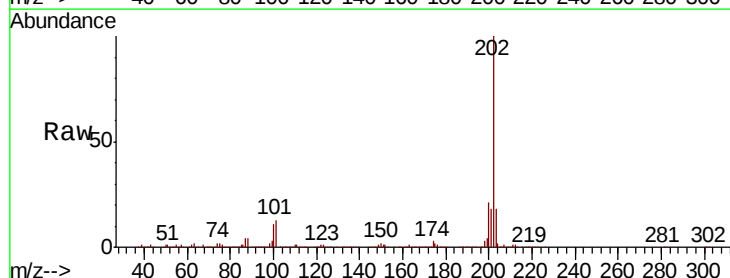
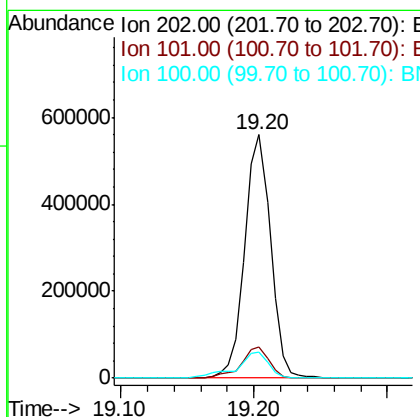
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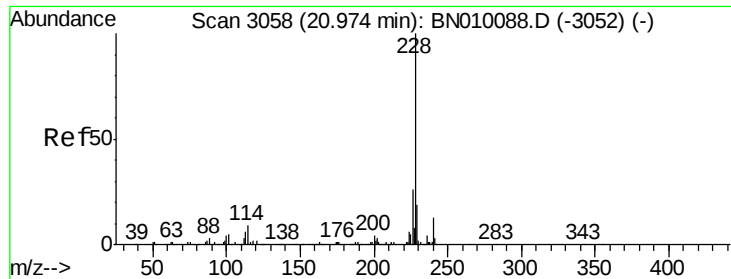
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#80
Pyrene
 Concen: 23.348 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: BN010093.D
 Acq: 05 Mar 2020 00:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	11.3	16.9
100	10.6	9.0	13.6





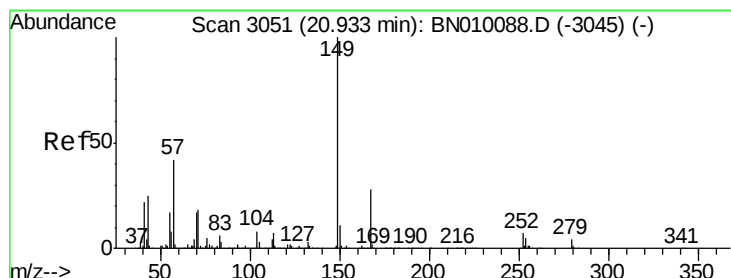
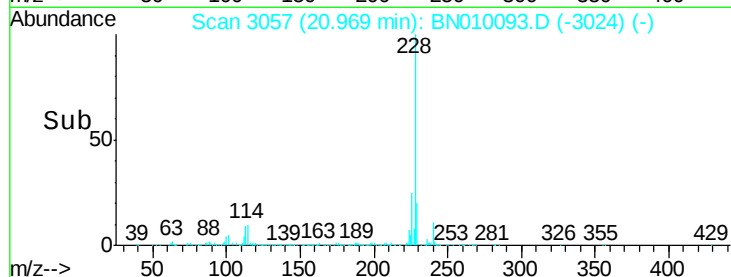
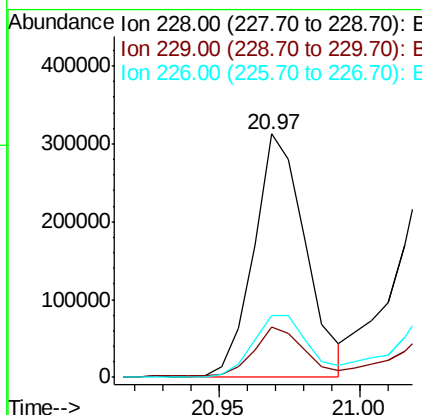
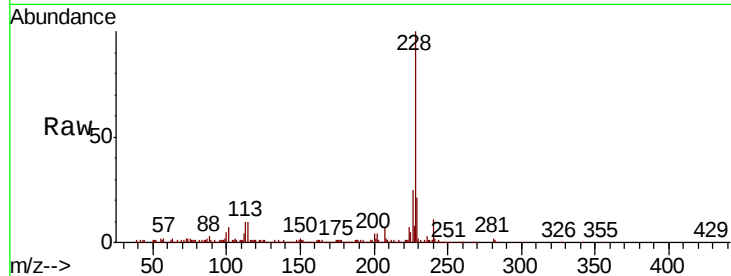
#83
Benzo(a)anthracene
Concen: 12.981 ng/ul
RT: 20.97 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Instrument :
BNA_N
ClientSampleId :
CB6Z7

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.0	22.4
226	25.4	21.4	32.2

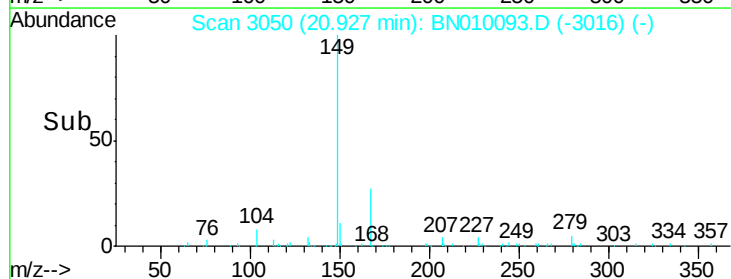
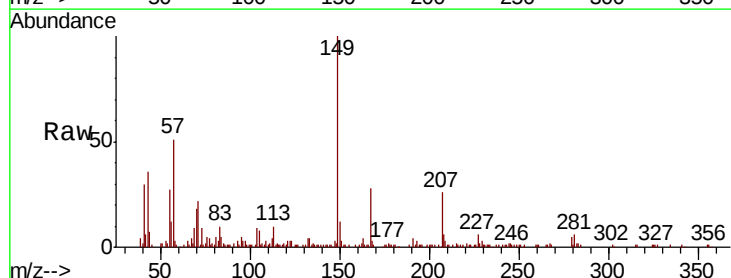
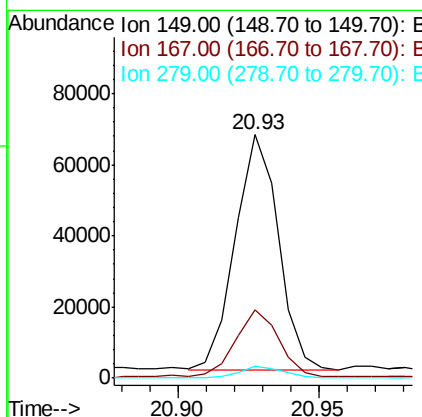
Manual Integrations
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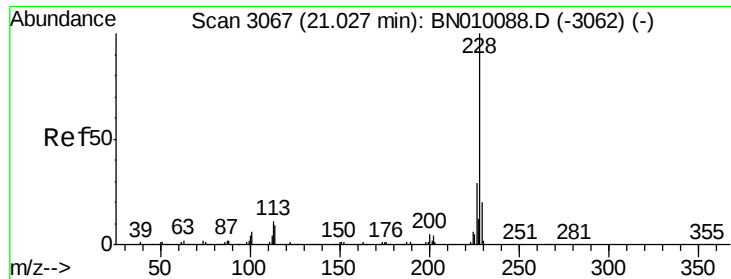
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.506 ng/ul
RT: 20.93 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.0	31.6
279	4.7	3.0	4.6#





#85

Chrysene

Concen: 12.419 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

Instrument :

BNA_N

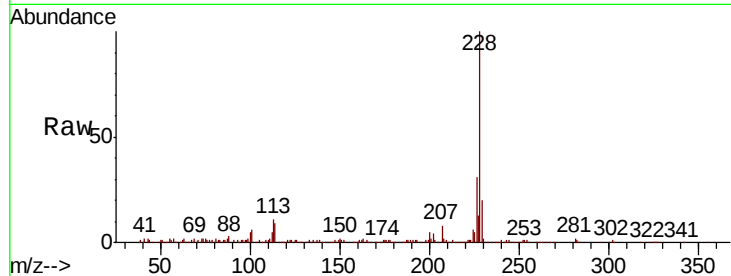
ClientSampleId :

CB6Z7

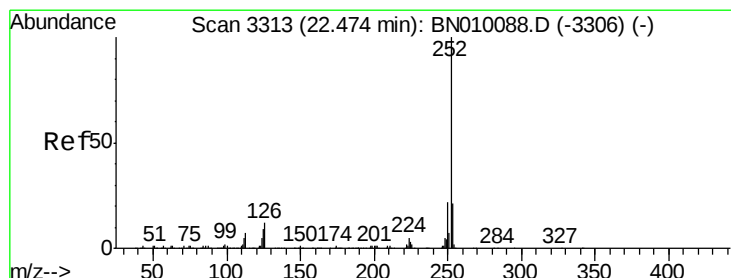
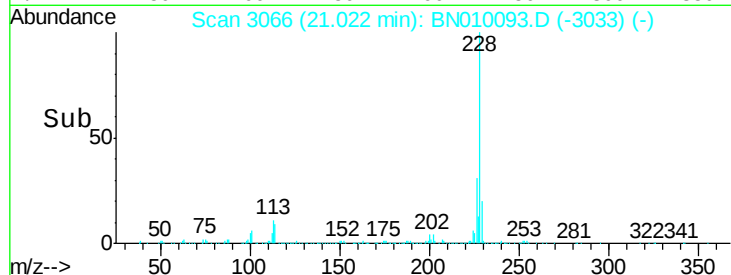
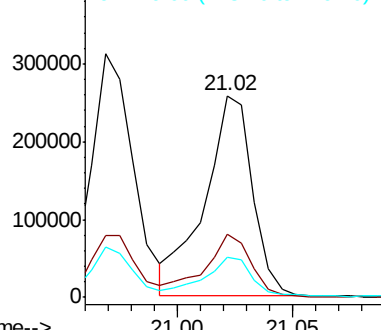
Tot Ion:	228	Resp:	372125
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.2
229	20.0	15.0	22.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 17.140 ng/ul

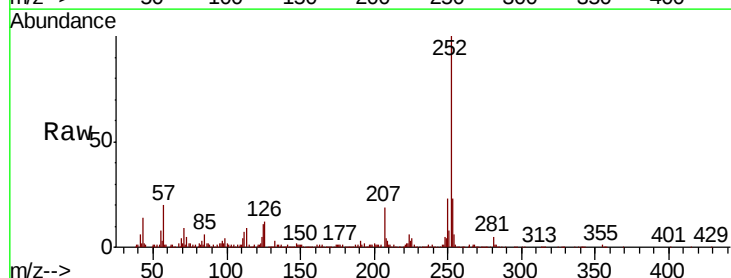
RT: 22.47 min Scan# 3312

Delta R.T. 0.00 min

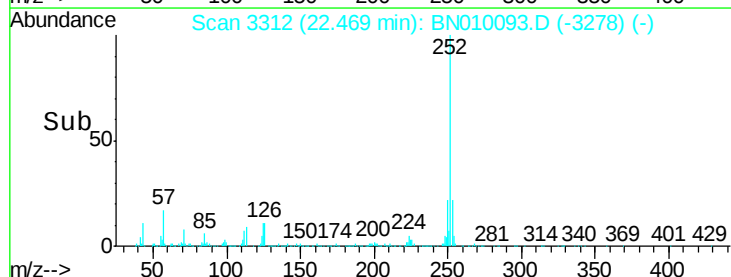
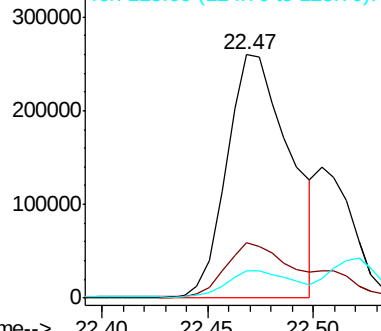
Lab File: BN010093.D

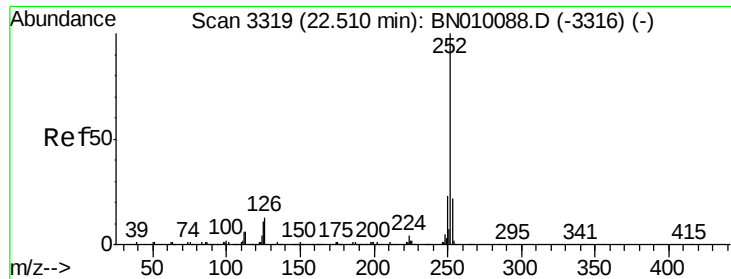
Acq: 05 Mar 2020 00:02

Tgt Ion:	252	Resp:	538090
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.4
125	11.1	8.0	12.0



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





#89

Benzo(k)fluoranthene

Concen: 5.572 ng/ul

RT: 22.50 min Scan# 3318

Delta R.T. -0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

Instrument :

BNA_N

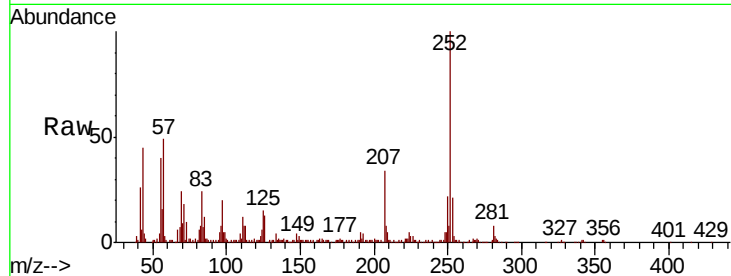
ClientSampled :

CB6Z7

Tot Ion:	252	Resp:	165640
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	15.3	8.2	12.2#

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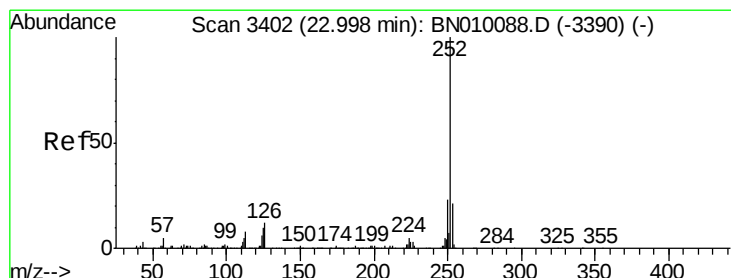
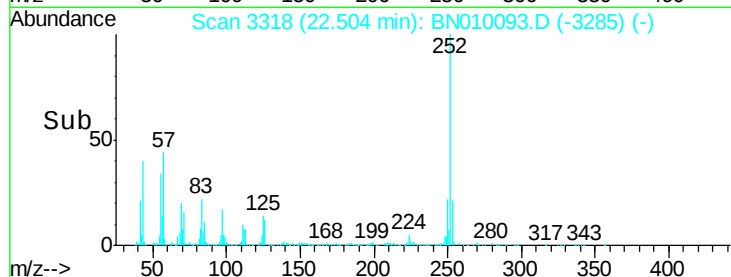
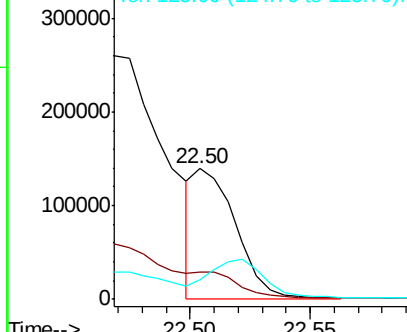


Abundance

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



#91

Benzo(a)pyrene

Concen: 11.839 ng/ul

RT: 22.99 min Scan# 3401

Delta R.T. -0.01 min

Lab File: BN010093.D

Acq: 05 Mar 2020 00:02

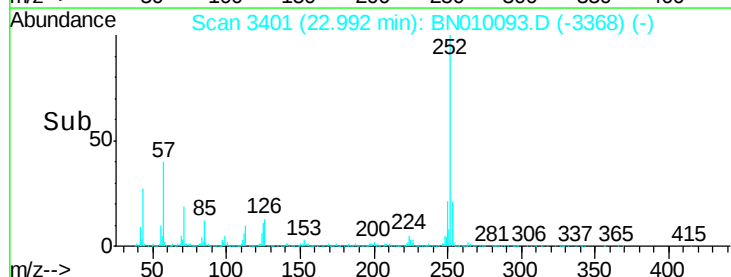
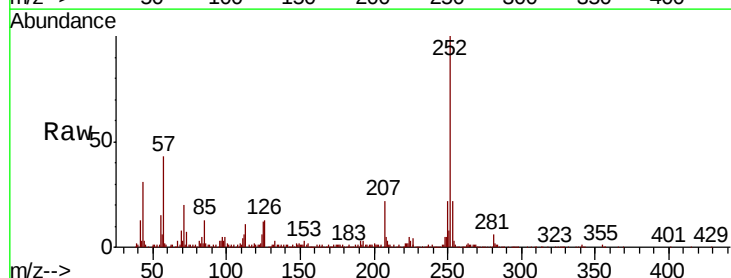
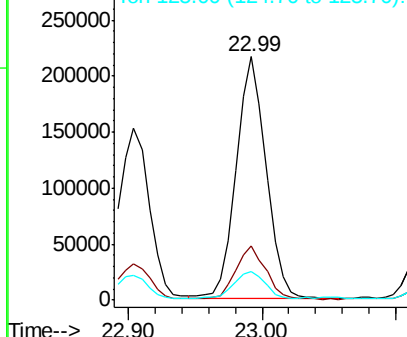
Tgt Ion:	252	Resp:	334275
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	11.8	9.0	13.6

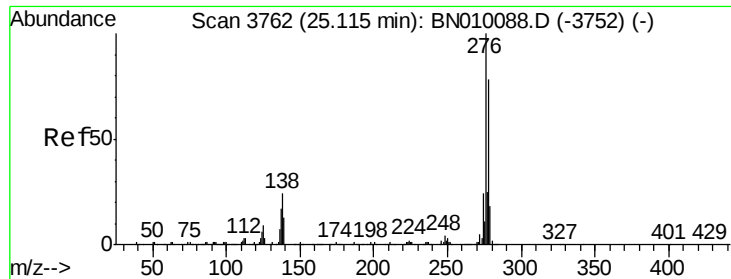
Abundance

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





#92

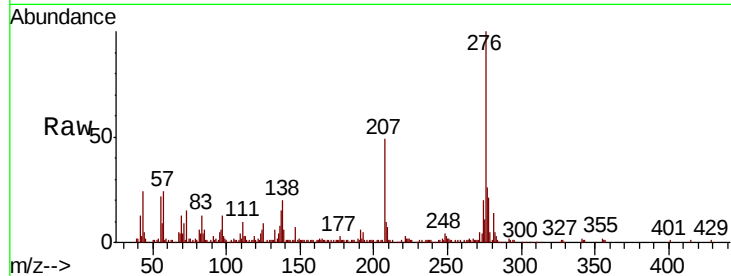
Indeno(1,2,3-cd)pyrene
Concen: 7.287 ng/ul
RT: 25.11 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Instrument :
BNA_N
ClientSampleID :
CB6Z7

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.9	31.3
277	25.7	18.2	27.4

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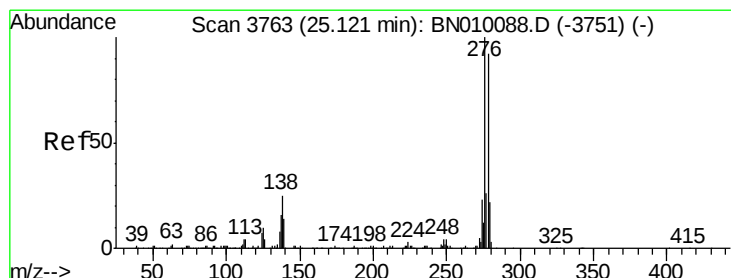
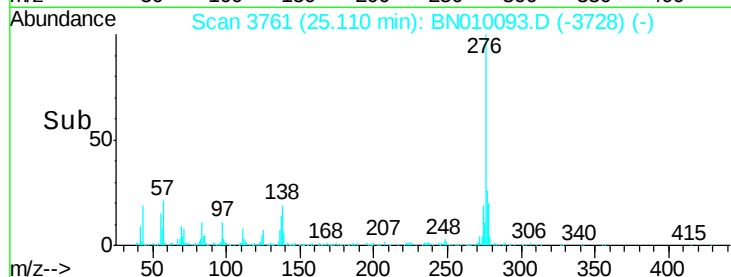
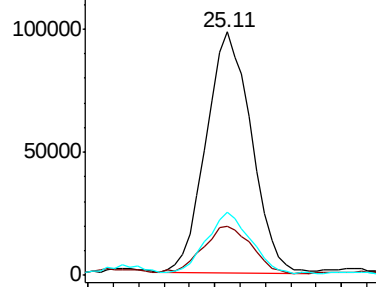


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

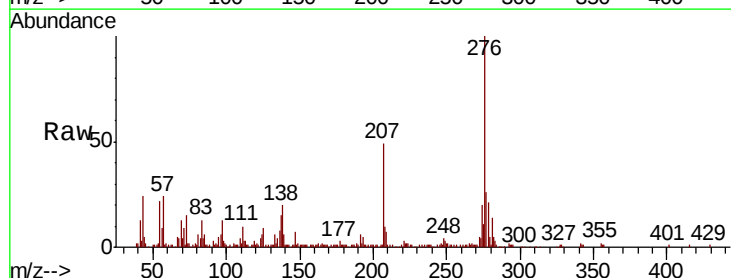
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 2.199 ng/ul
RT: 25.11 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BN010093.D
Acq: 05 Mar 2020 00:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	13.0	19.4#
279	21.8	17.5	26.3

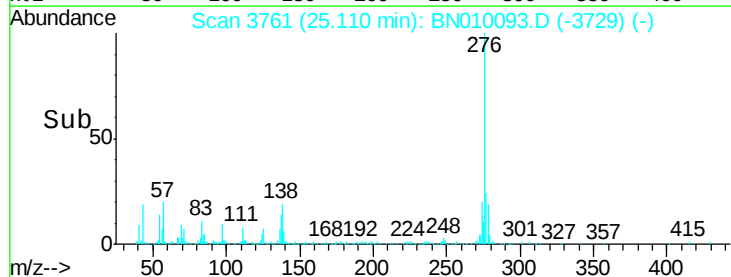
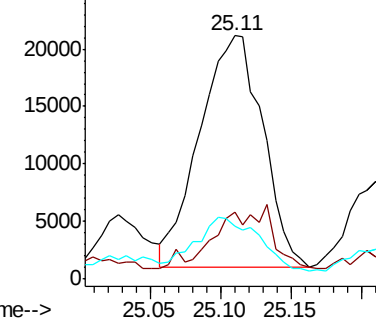


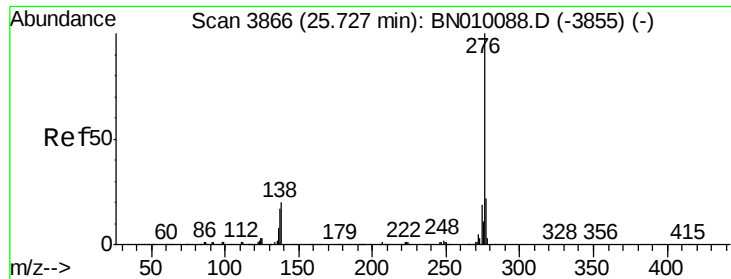
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(a,h,i)perylene
 Concen: 6.222 ng/ul
 RT: 25.73 min Scan# 3867
 Delta R.T. 0.01 min
 Lab File: BN010093.D
 Acq: 05 Mar 2020 00:02

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z7

Tot Ion:	276	Resp:	174900
Ion Ratio	Lower	Upper	
276	100		
138	19.6	17.5	26.3
277	24.2	18.1	27.1

Manual Integrations
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