

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010094.D
 Acq On : 05 Mar 2020 00:39
 Operator : CG/JU
 Sample : L1641-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y6

Manual Integrations
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Quant Time: Mar 05 08:03:27 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	85334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	363361	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	240229	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	493435	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	420879	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	463908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	13367m	6.44	ng/uL	0.00
5) Phenol-d5	6.56	99	292277	40.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	199603	39.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	226870	41.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	184397	31.94	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	114244	42.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	131650	45.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	219101	39.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	79438	12.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	719607	40.10	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	879108	41.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	106151	32.39	ng/ul	0.00
58) Fluorene-d10	15.01	176	636336	41.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	104469	34.08	ng/ul	0.00
71) Anthracene-d10	16.86	188	864640	38.23	ng/ul	0.00
79) Pyrene-d10	19.17	212	1013053	46.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	961993	41.52	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	26590	1.357	ng/ul	97
45) Dimethylphthalate	13.47	163	40131	2.143	ng/ul	99
48) Acenaphthylene	13.72	152	27520	1.203	ng/ul	99
50) Acenaphthene	14.06	153	33506	2.137	ng/ul#	94
54) Dibenzofuran	14.41	168	34781	1.580	ng/ul	97
59) Fluorene	15.06	166	43487	2.354	ng/ul	94
70) Phenanthrene	16.80	178	560219	19.894	ng/ul	98
72) Anthracene	16.90	178	123406	4.287	ng/ul	98
75) Carbazole	17.18	167	51916	2.048	ng/ul#	95
77) Fluoranthene	18.84	202	755681	22.909	ng/ul	95
80) Pyrene	19.20	202	676376	22.291	ng/ul	96
83) Benzo(a)anthracene	20.97	228	368952	12.756	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	22308	1.171	ng/ul#	95
85) Chrysene	21.02	228	338399	11.884	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	418122	13.901	ng/ul	96
89) Benzo(k)fluoranthene	22.51	252	168288m	5.909	ng/ul	
91) Benzo(a)pyrene	22.99	252	305405	11.289	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	210731	6.561	ng/ul	94
93) Dibenzo(a,h)anthracene	25.10	278	59191	2.154	ng/ul#	89
94) Benzo(g,h,i)perylene	25.73	276	157213	5.838	ng/ul	98

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

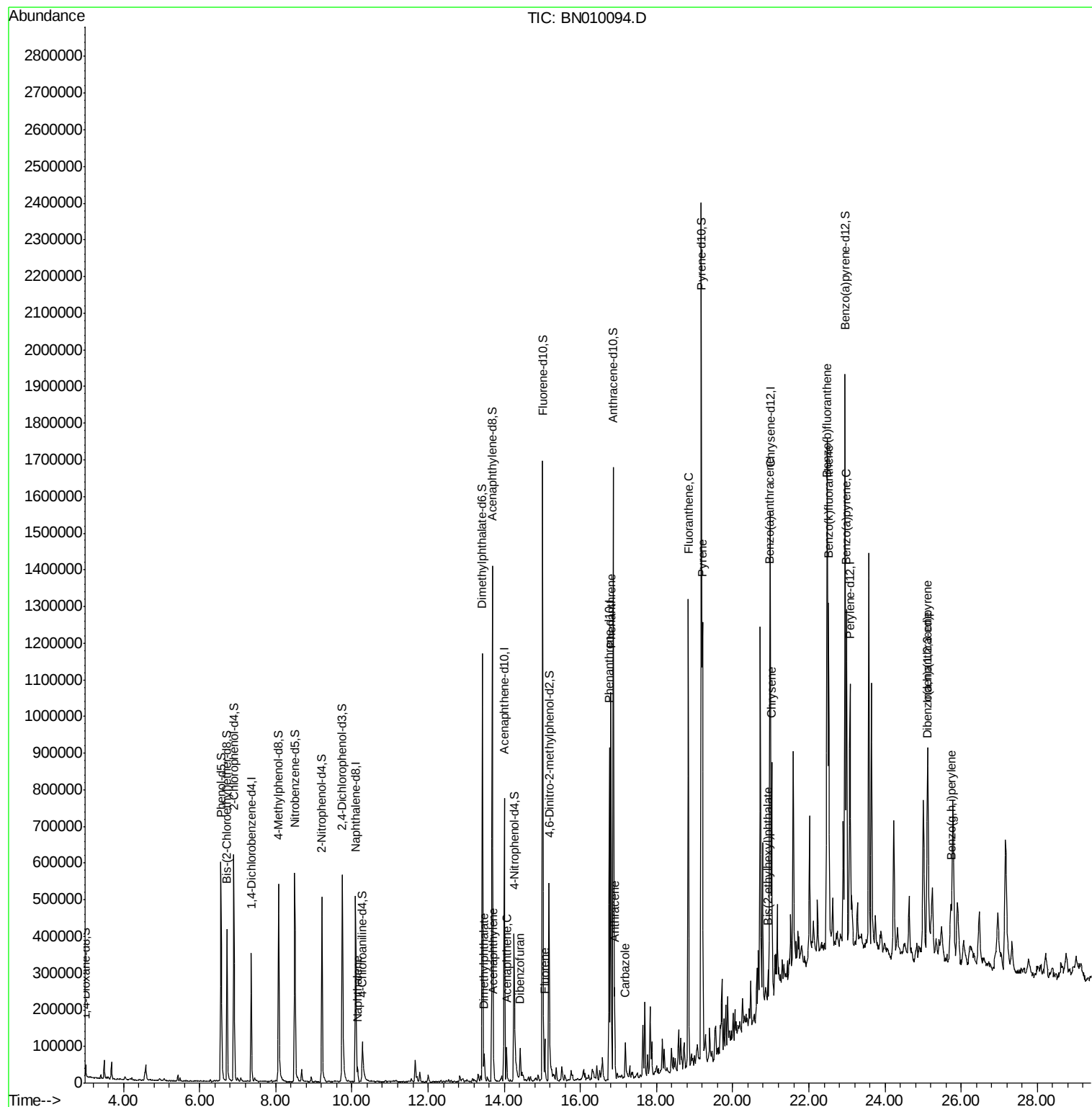
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010094.D
Acq On : 05 Mar 2020 00:39
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Sample : L1641-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

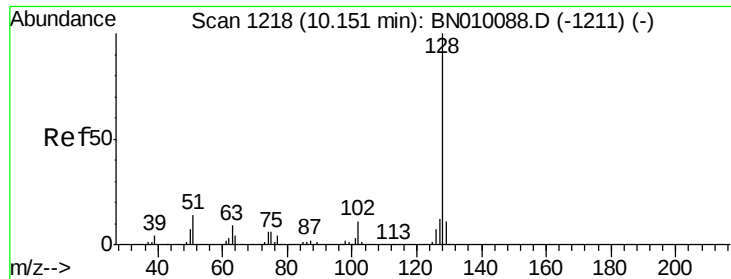
Instrument :
BNA_N
ClientSampleId :
CB6Y6

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Quant Time: Mar 05 08:03:27 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





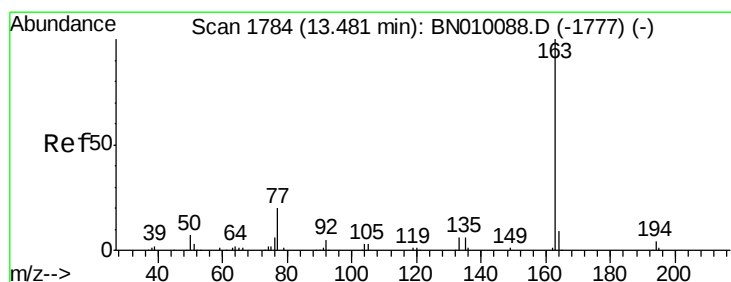
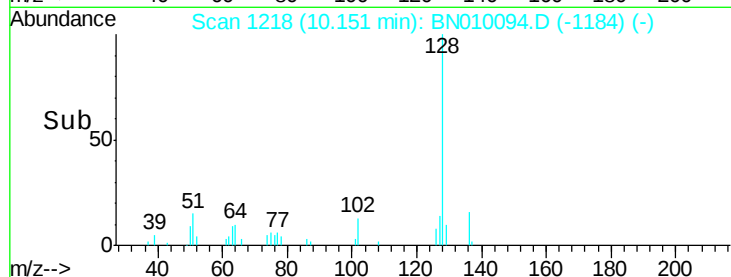
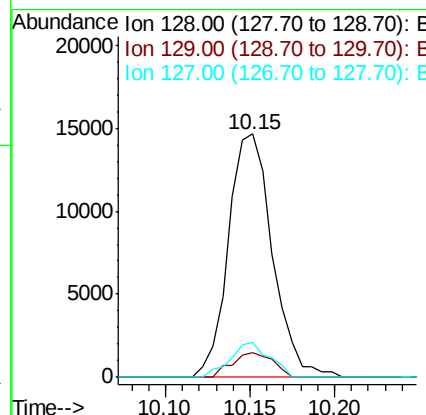
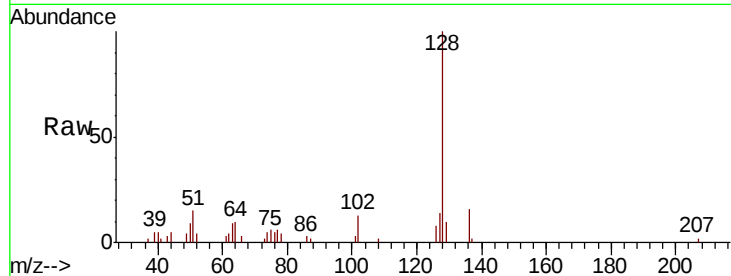
#28
Naphthalene
Concen: 1.357 ng/ul
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampleId :
CB6Y6

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	14.5	10.3	15.5

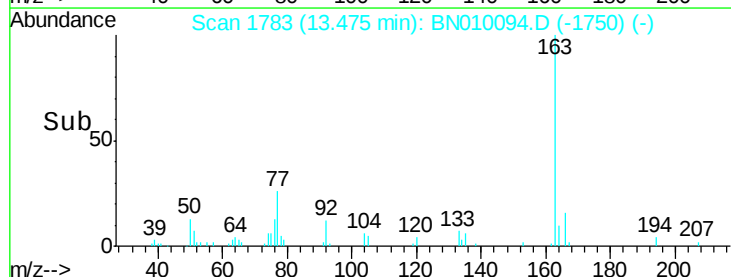
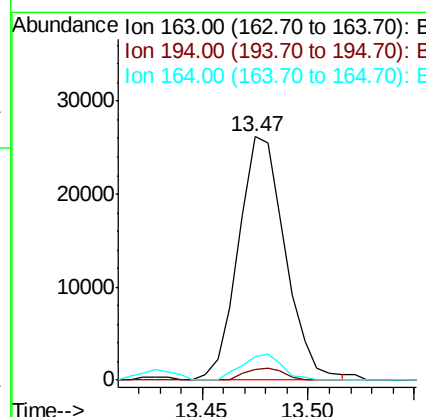
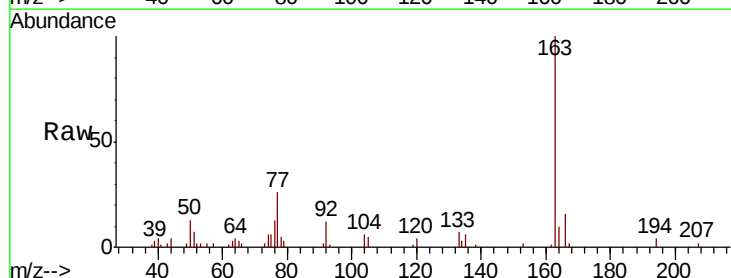
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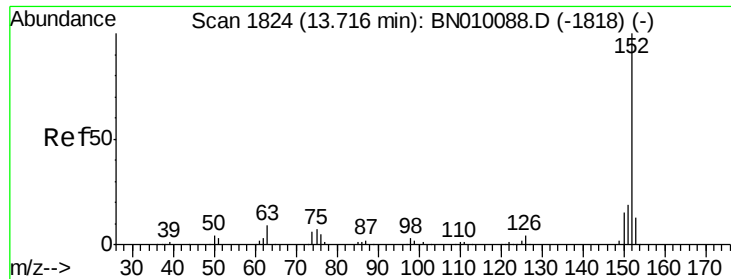
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#45
Dimethylphthalate
Concen: 2.143 ng/ul
RT: 13.47 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.0	12.0





#48

Acenaphthylene

Concen: 1.203 ng/ul

RT: 13.72 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BN010094.D

Acq: 05 Mar 2020 00:39

Instrument :

BNA_N

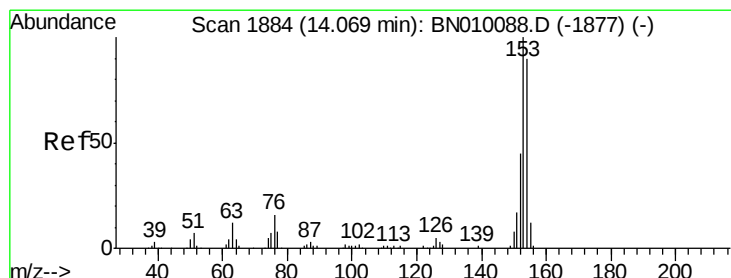
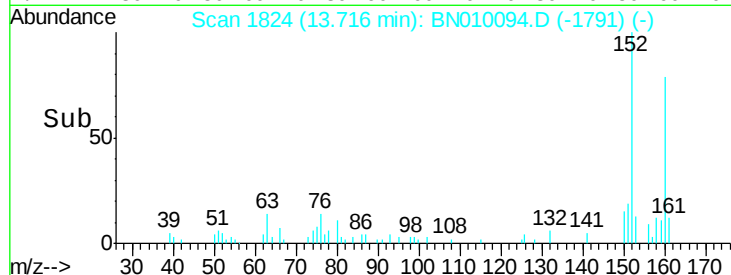
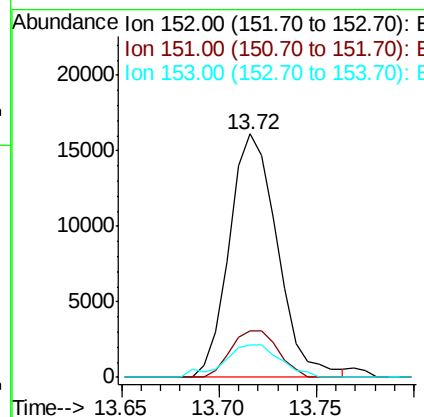
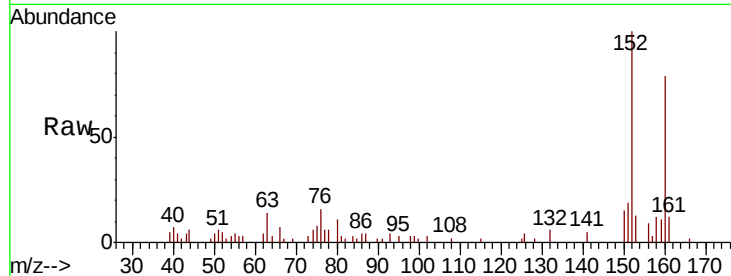
ClientSampleId :

CB6Y6

Tot Ion:	152	Resp:	27520
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.7	23.5
153	13.4	10.3	15.5

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#50

Acenaphthene

Concen: 2.137 ng/ul

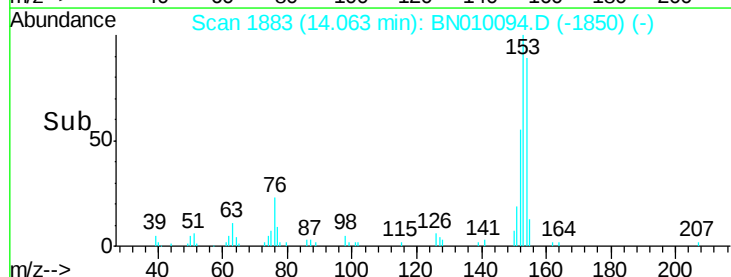
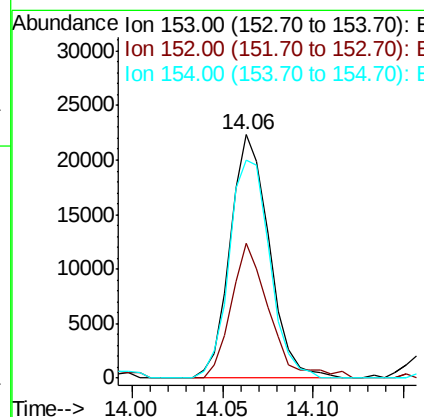
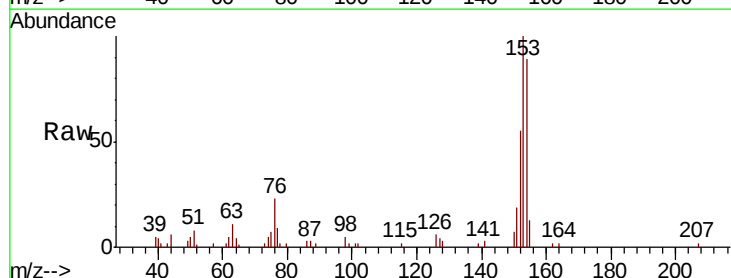
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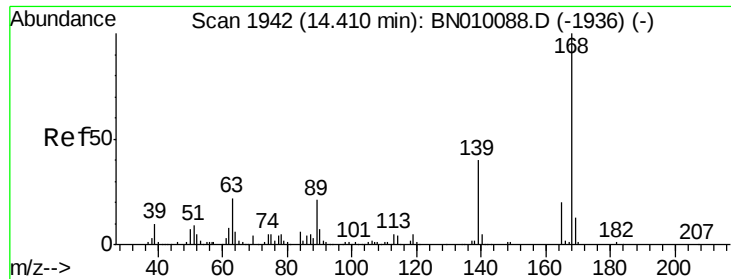
Delta R.T. -0.01 min

Lab File: BN010094.D

Acq: 05 Mar 2020 00:39

Tgt Ion:	153	Resp:	33506
Ion Ratio	Lower	Upper	
153	100		
152	55.5	36.6	54.8#
154	89.5	70.6	106.0





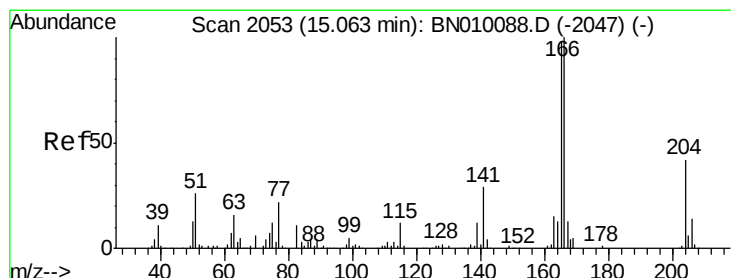
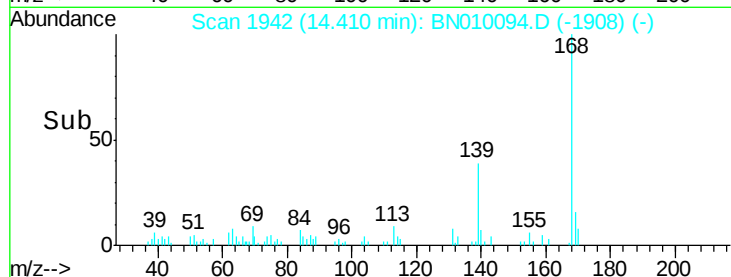
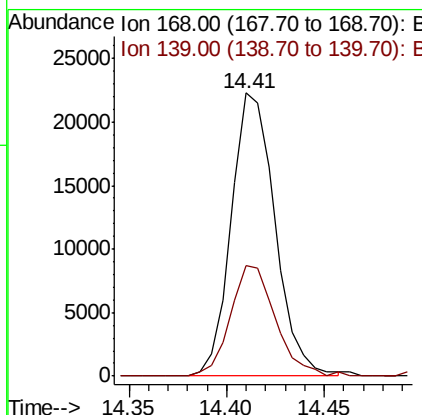
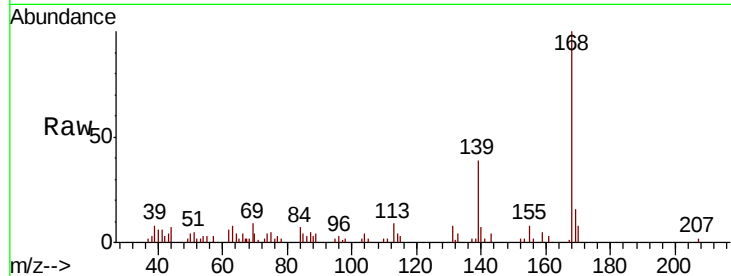
#54
Dibenzofuran
Concen: 1.580 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampled :
CB6Y6

Tot Ion:168 Resp: 34781
Ion Ratio Lower Upper
168 100
139 39.2 32.7 49.1

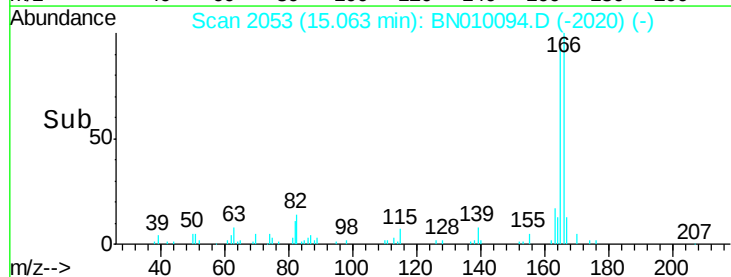
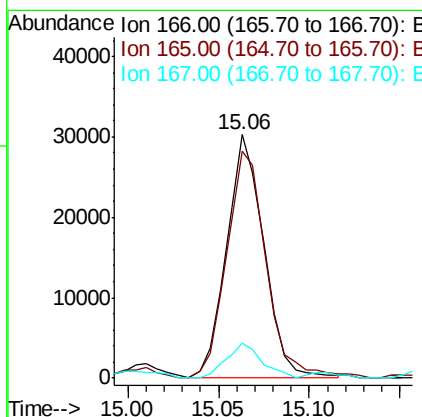
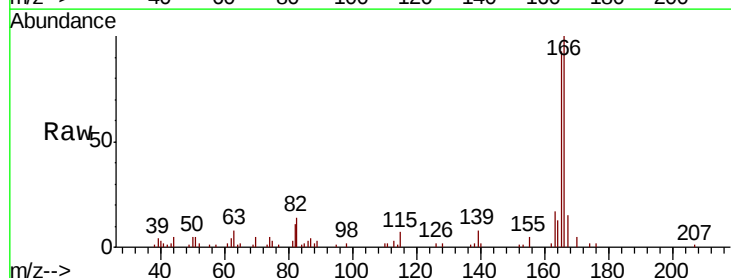
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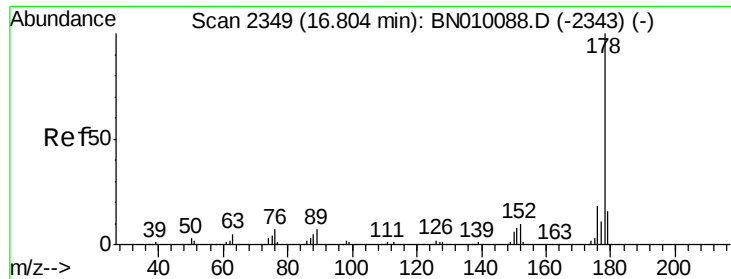
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#59
Fluorene
Concen: 2.354 ng/ul
RT: 15.06 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Tgt Ion:166 Resp: 43487
Ion Ratio Lower Upper
166 100
165 93.0 79.8 119.8
167 14.5 10.7 16.1





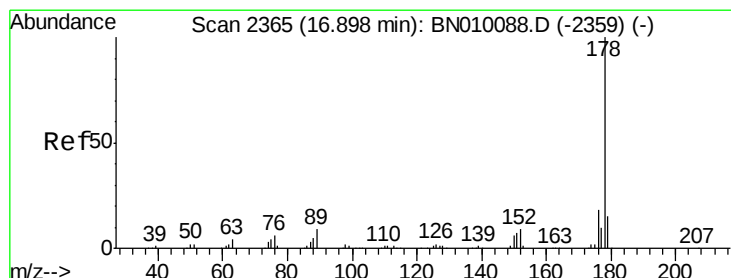
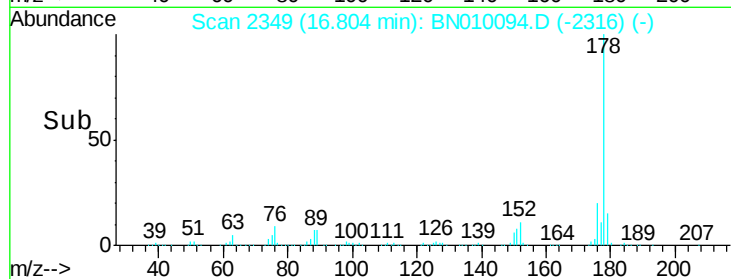
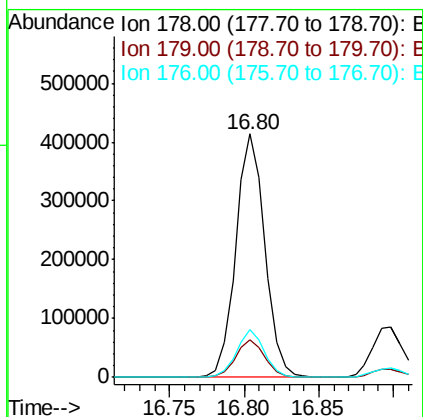
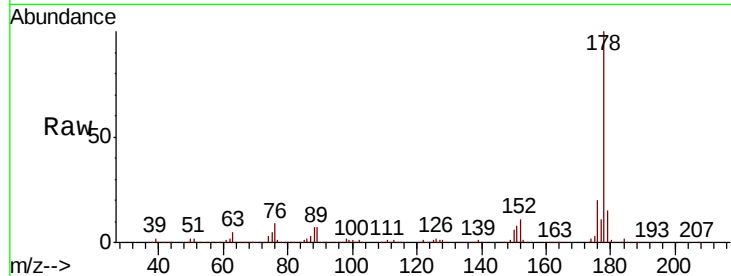
#70
Phenanthrene
Concen: 19.894 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampled :
CB6Y6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.5	14.6	22.0

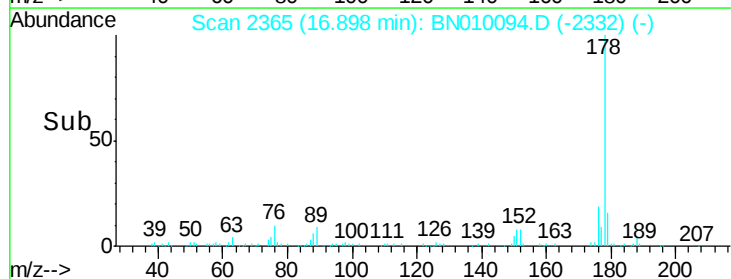
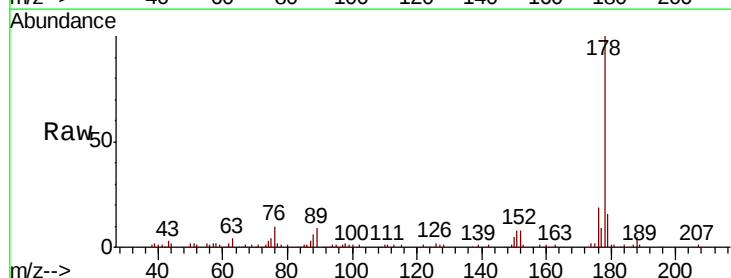
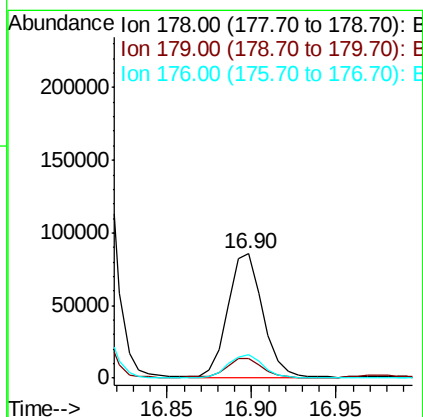
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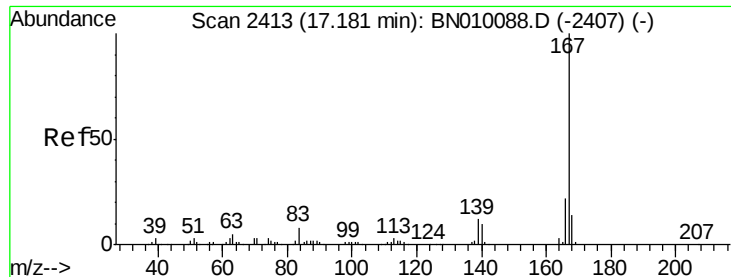
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#72
Anthracene
Concen: 4.287 ng/ul
RT: 16.90 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.2	14.6	21.8





#75

Carbazole

Concen: 2.048 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BN010094.D

Acq: 05 Mar 2020 00:39

Instrument :

BNA_N

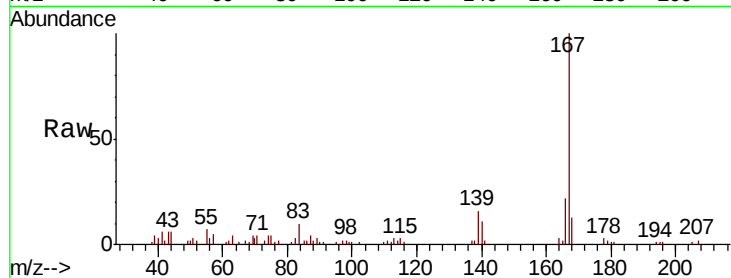
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CB6Y6

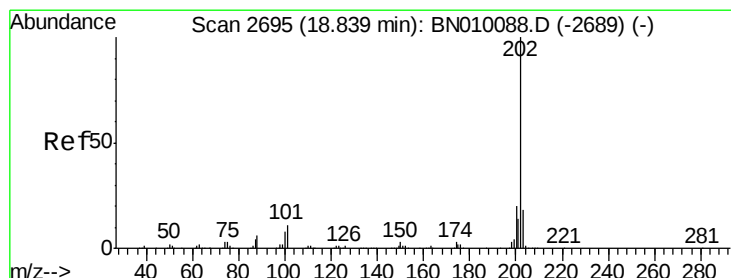
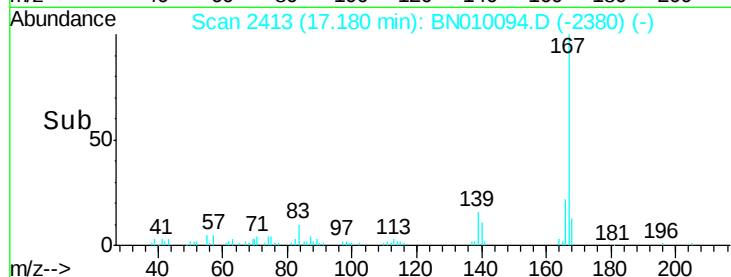
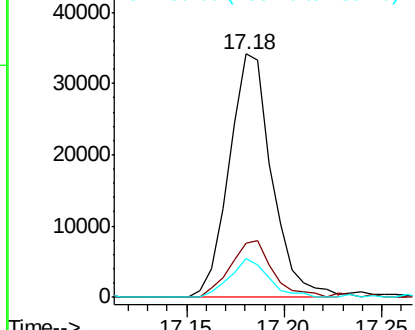
Tot Ion:	167	Resp:	51916
Ion Ratio	Lower	Upper	
167	100		
166	22.0	16.6	24.8
139	15.9	9.9	14.9

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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



#77

Fluoranthene

Concen: 22.909 ng/ul

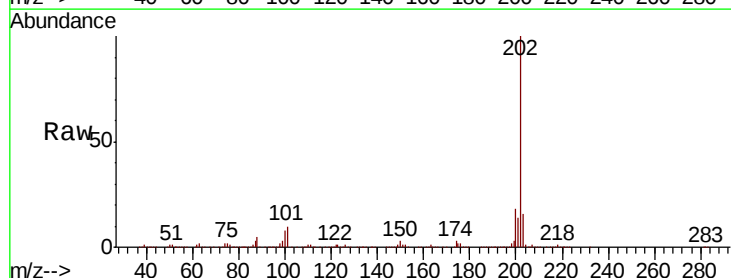
RT: 18.84 min Scan# 2695

Delta R.T. -0.00 min

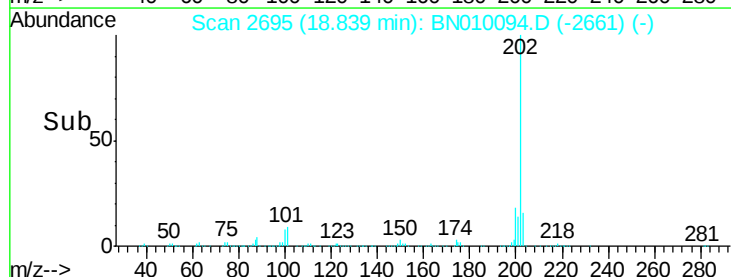
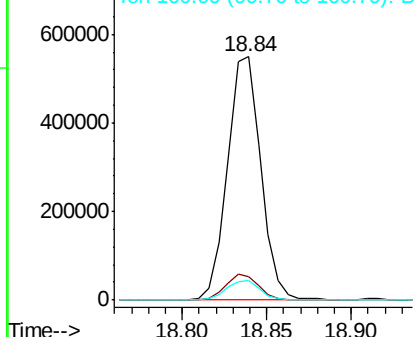
Lab File: BN010094.D

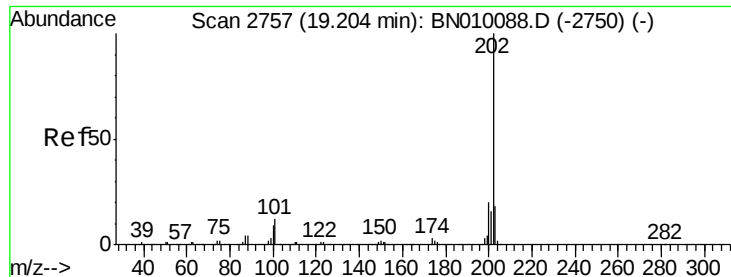
Acq: 05 Mar 2020 00:39

Tgt Ion:	202	Resp:	755681
Ion Ratio	Lower	Upper	
202	100		
101	9.6	9.4	14.2
100	7.8	7.2	10.8



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): B





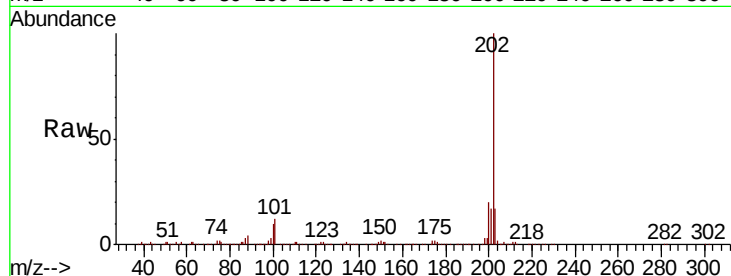
#80
Pvrene
Concen: 22.291 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampleId :
CB6Y6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.3	16.9
100	10.4	9.0	13.6

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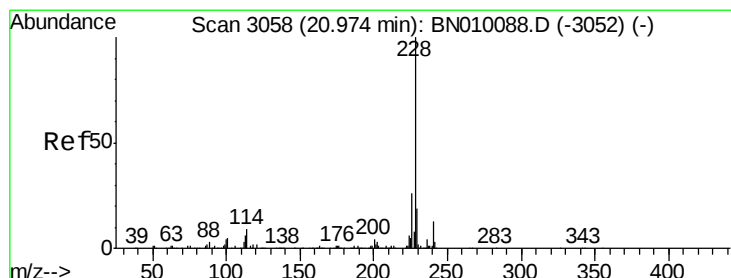
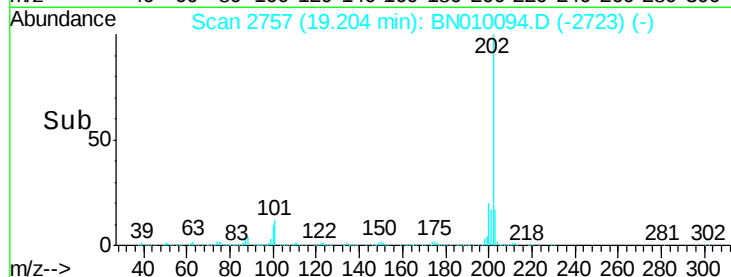
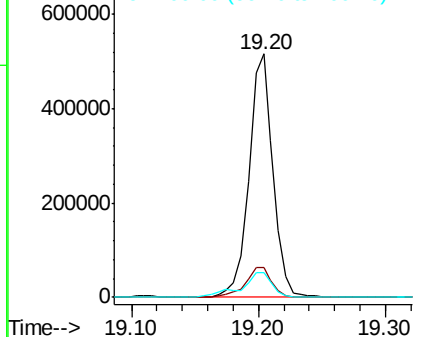


Abundance

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): E



#83
Benzo(a)anthracene
Concen: 12.756 ng/ul
RT: 20.97 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

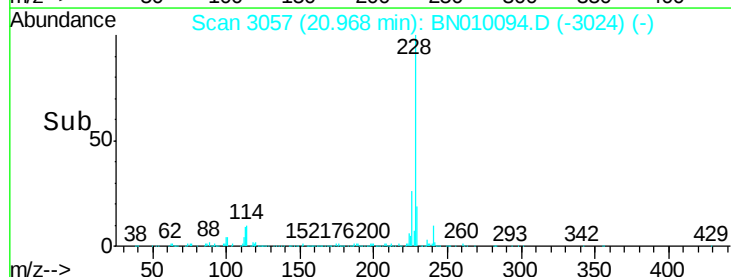
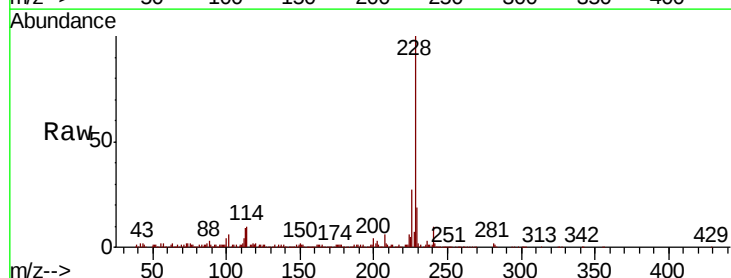
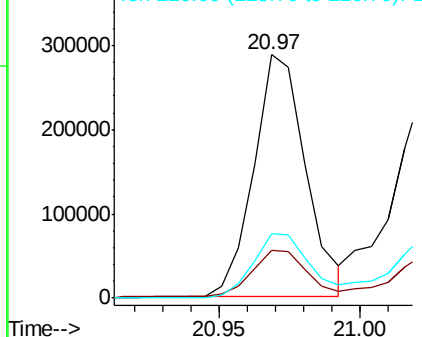
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.0	22.4
226	26.7	21.4	32.2

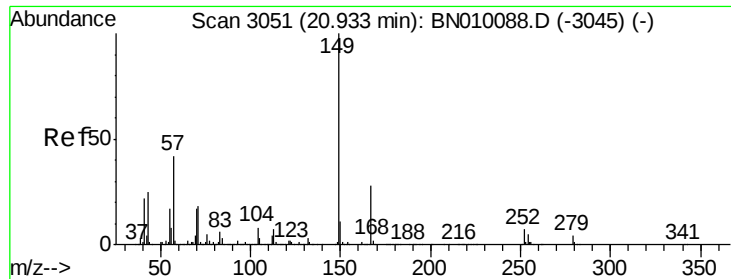
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





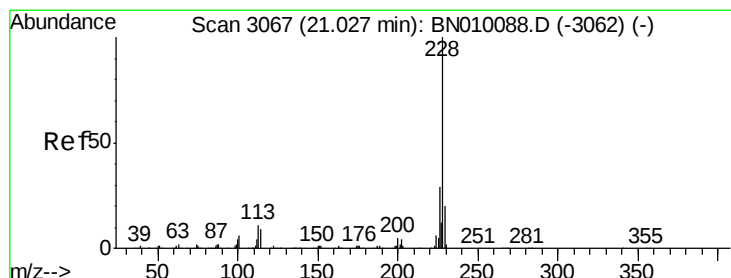
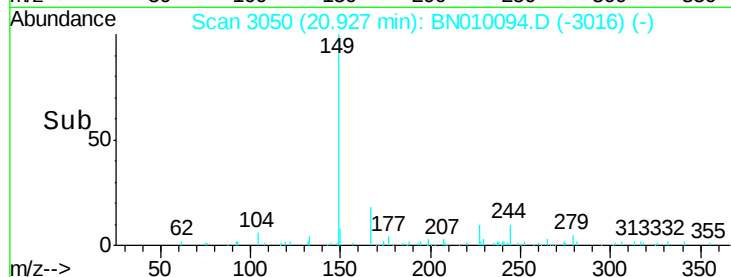
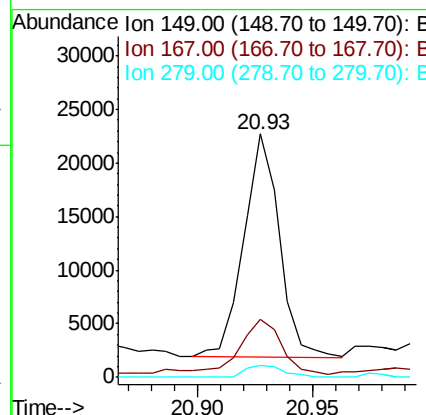
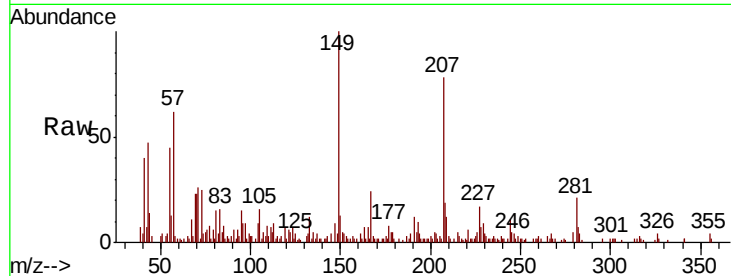
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.171 ng/ul
 RT: 20.93 min Scan# 3050
 Delta R.T. -0.00 min
 Lab File: BN010094.D
 Acq: 05 Mar 2020 00:39

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y6

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.0	31.6
279	5.0	3.0	4.6

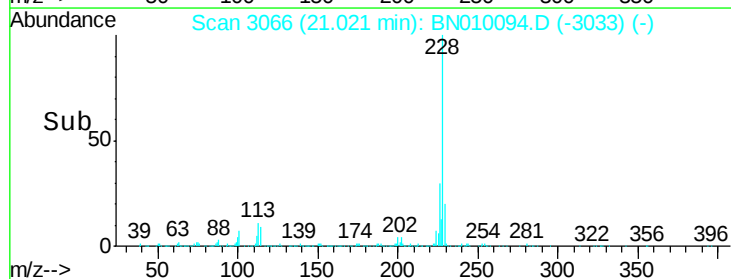
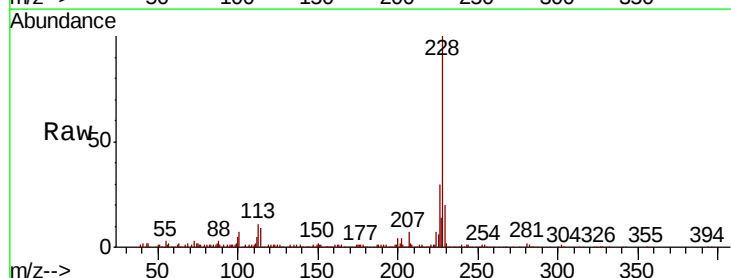
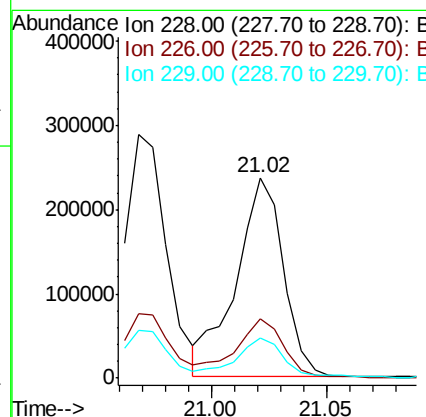
Manual Integrations
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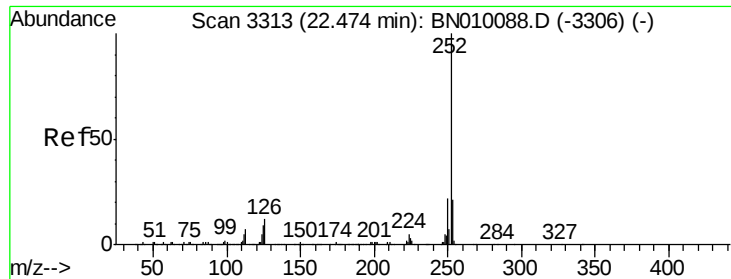
mohammad
 3/5/2020 3:56:30 PM



#85
 Chrysene
 Concen: 11.884 ng/ul
 RT: 21.02 min Scan# 3066
 Delta R.T. -0.01 min
 Lab File: BN010094.D
 Acq: 05 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	20.0	15.0	22.4





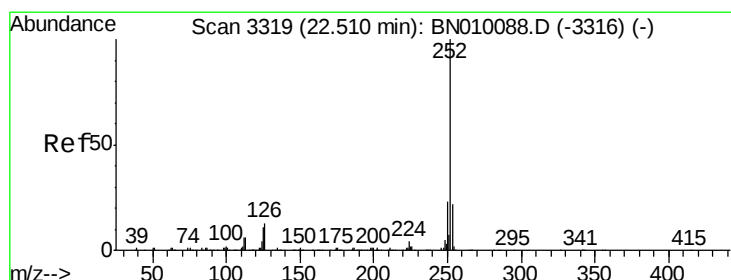
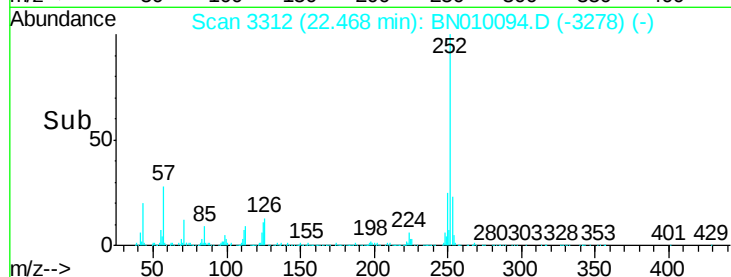
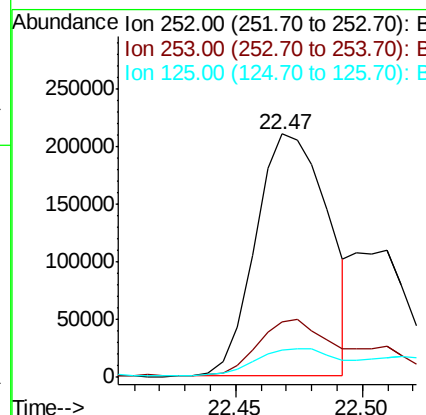
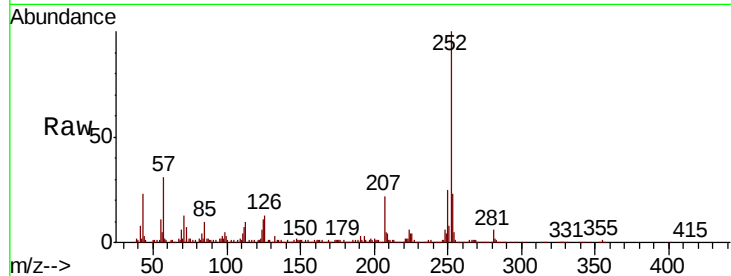
#88
Benzo(b)fluoranthene
Concen: 13.901 ng/ul
RT: 22.47 min Scan# 3312
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampled :
CB6Y6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	11.4	8.0	12.0

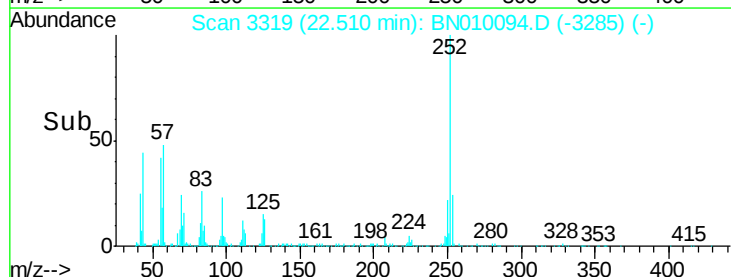
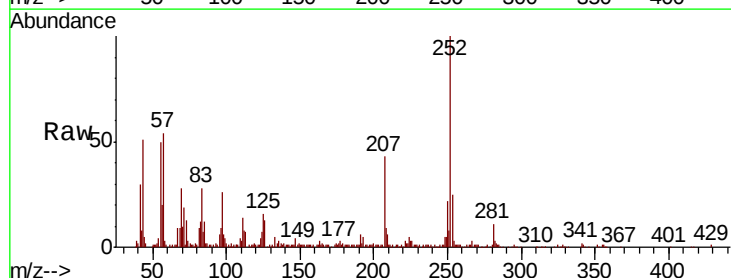
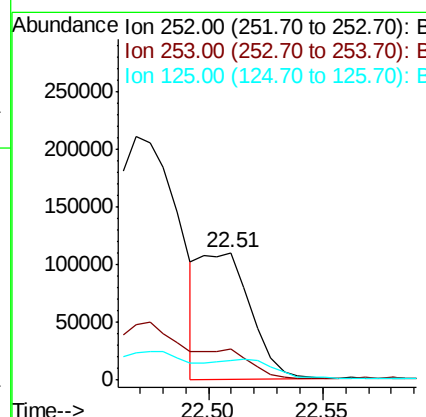
Manual Integrations
APPROVED

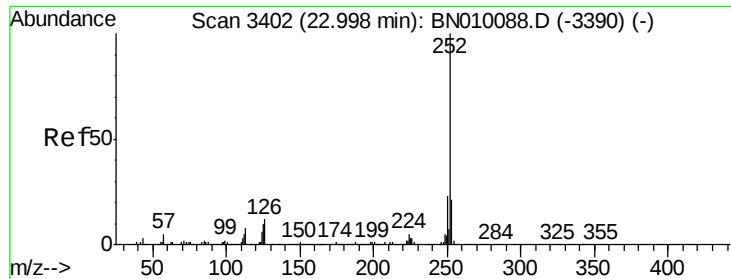
mohammad
3/5/2020 3:56:30 PM



#89
Benzo(k)fluoranthene
Concen: 5.909 ng/ul m
RT: 22.51 min Scan# 3319
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	15.6	8.2	12.2#





#91

Benzo(a)pyrene

Concen: 11.289 ng/ul

RT: 22.99 min Scan# 3401

Delta R.T. -0.01 min

Lab File: BN010094.D

Acq: 05 Mar 2020 00:39

Instrument :

BNA_N

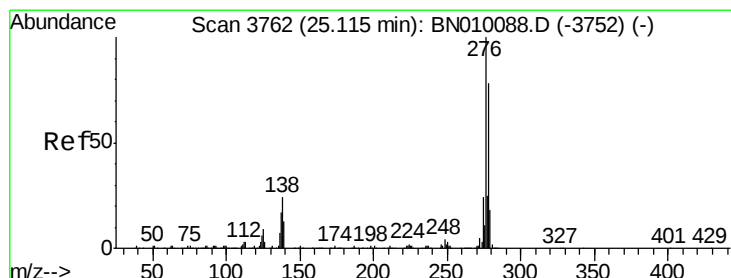
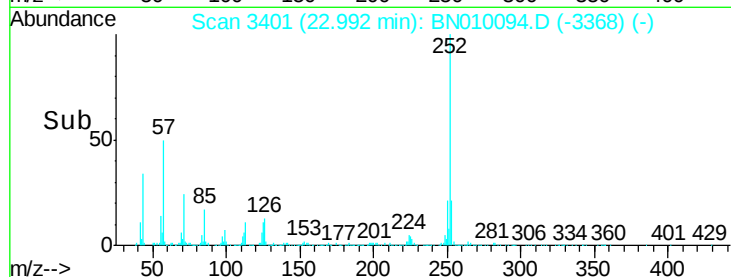
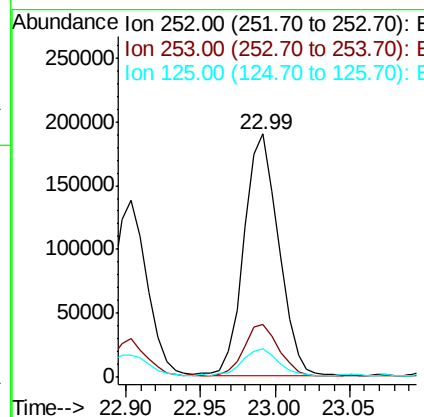
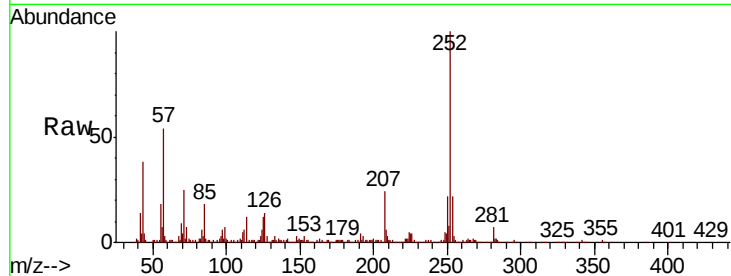
ClientSampled :

CB6Y6

Tot Ion:	252	Resp:	305405
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	11.8	9.0	13.6

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 6.561 ng/ul

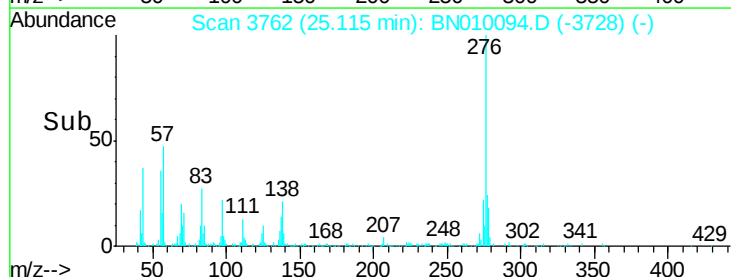
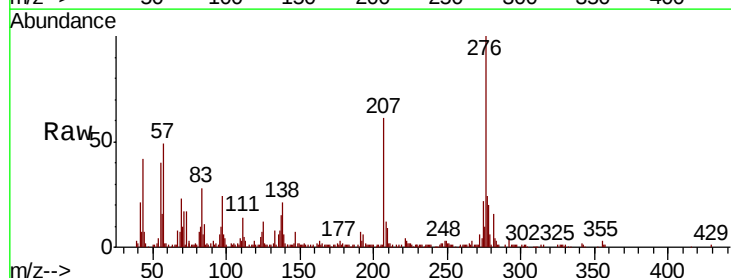
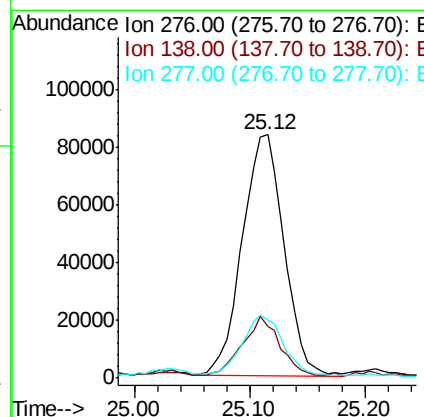
RT: 25.12 min Scan# 3762

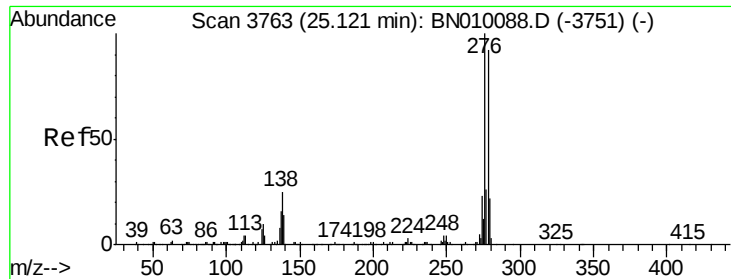
Delta R.T. -0.00 min

Lab File: BN010094.D

Acq: 05 Mar 2020 00:39

Tgt Ion:	276	Resp:	210731
Ion Ratio	Lower	Upper	
276	100		
138	21.3	20.9	31.3
277	23.9	18.2	27.4





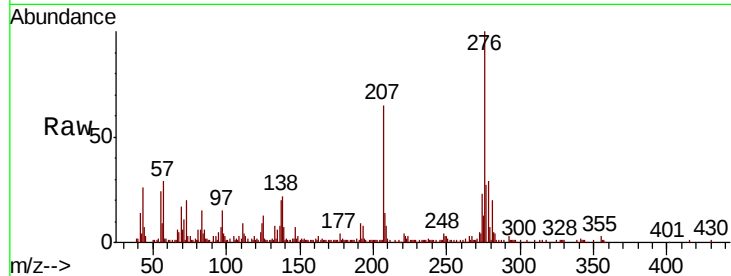
#93
Dibenzo(a,h)anthracene
Concen: 2.154 ng/ul
RT: 25.10 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Instrument :
BNA_N
ClientSampleId :
CB6Y6

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.9	13.0	19.4#
279	25.0	17.5	26.3

Manual Integrations
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3/5/2020 3:56:30 PM

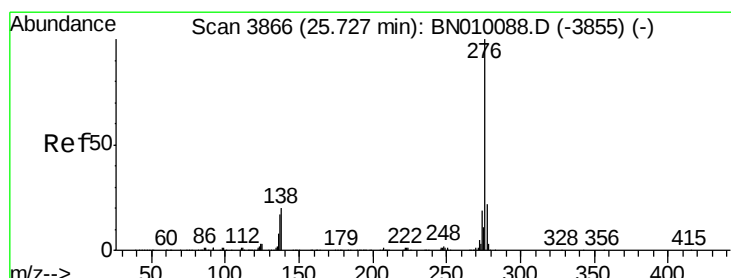
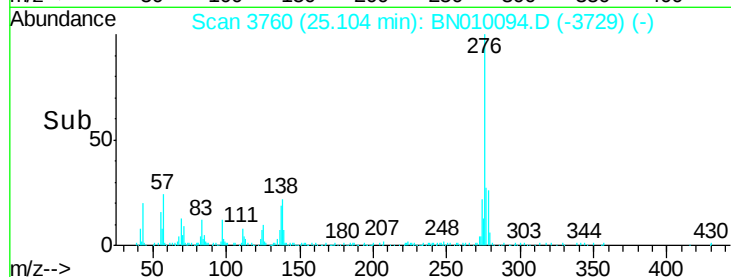
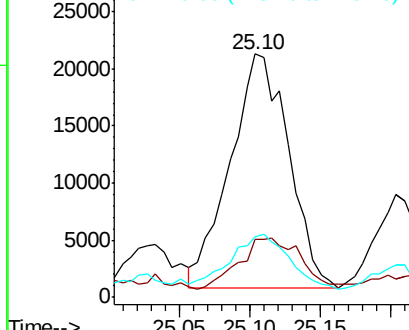


Abundance

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(g,h,i)perylene
Concen: 5.838 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BN010094.D
Acq: 05 Mar 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.5	26.3
277	24.0	18.1	27.1

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

