

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010091.D
 Acq On : 04 Mar 2020 22:50
 Operator : CG/JU
 Sample : L1641-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y4

Manual Integrations
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Quant Time: Mar 05 04:15:27 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	80972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	341973	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	225629	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	474528	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	436925	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	485891	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	14437m	7.33	ng/uL	0.00
5) Phenol-d5	6.56	99	274747	39.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	197944	41.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	219252	42.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	167567	30.58	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	109337	43.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	127068	46.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	212889	40.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	146017	24.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	728056	43.20	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	882235	44.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	108134	35.13	ng/ul	0.00
58) Fluorene-d10	15.01	176	655065	45.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	105465	35.78	ng/ul	0.00
71) Anthracene-d10	16.86	188	902182	41.48	ng/ul	0.00
79) Pyrene-d10	19.17	212	1117408	48.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	1138328	46.91	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.48	163	36722	2.088	ng/ul	96
48) Acenaphthylene	13.72	152	22539	1.049	ng/ul	98
70) Phenanthrene	16.80	178	269810	9.963	ng/ul	98
72) Anthracene	16.90	178	62070	2.242	ng/ul	95
77) Fluoranthene	18.84	202	518174	16.335	ng/ul	96
80) Pyrene	19.20	202	473555	15.033	ng/ul	97
83) Benzo(a)anthracene	20.97	228	282581	9.411	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	25620	1.296	ng/ul#	97
85) Chrysene	21.03	228	276854	9.366	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	397147	12.607	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	134053m	4.494	ng/ul	
91) Benzo(a)pyrene	22.99	252	268218	9.466	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	199733	5.937	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.12	278	55358	1.924	ng/ul#	81
94) Benzo(g,h,i)perylene	25.73	276	148535	5.266	ng/ul	99

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

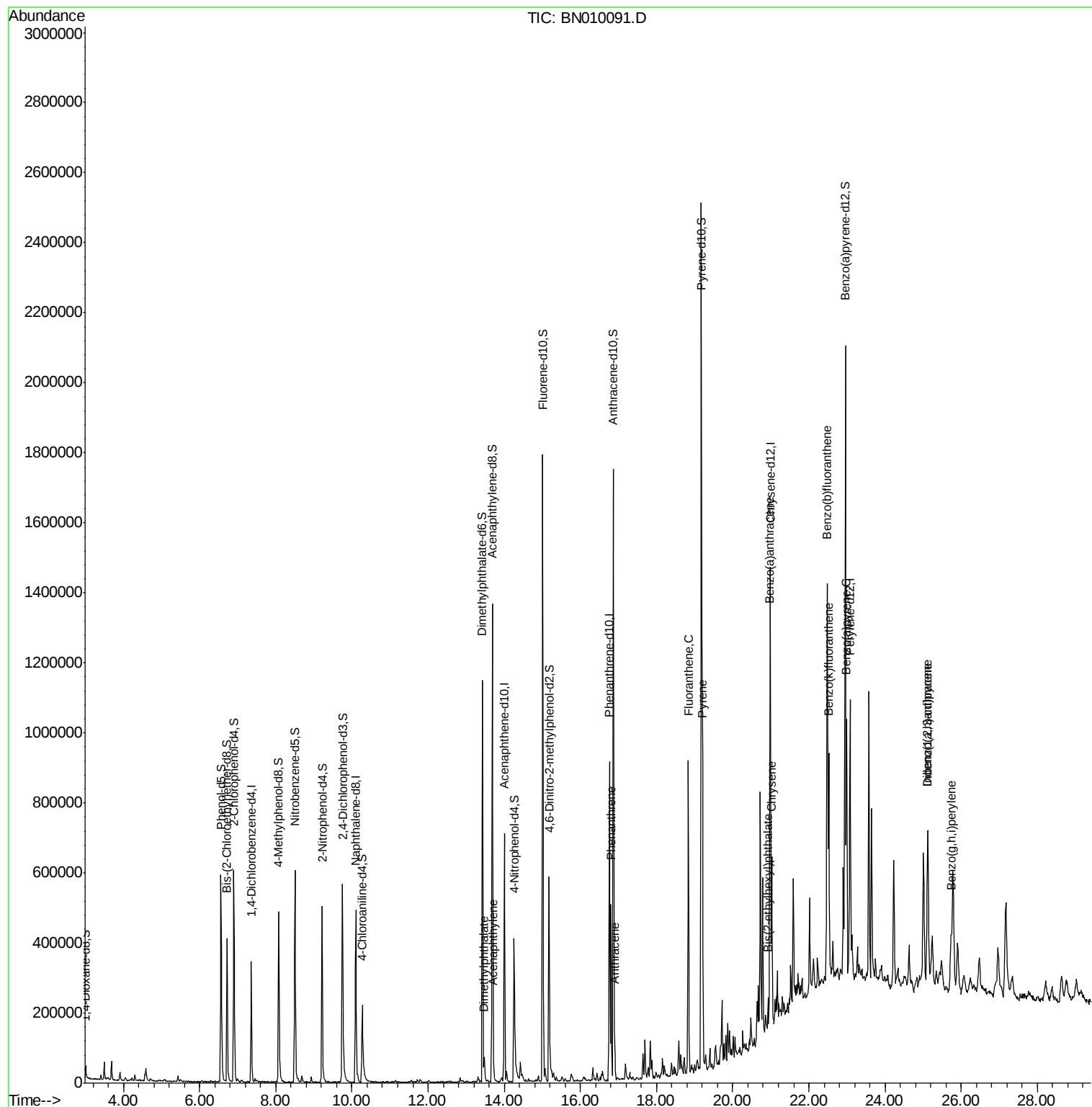
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010091.D
Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

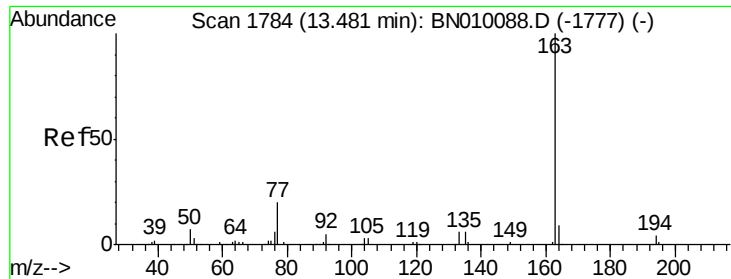
Instrument :
BNA_N
ClientSampleId :
CB6Y4

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Quant Time: Mar 05 04:15:27 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





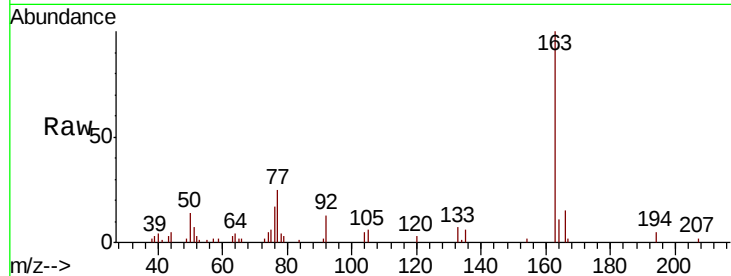
#45
Dimethylphthalate
Concen: 2.088 ng/ul
RT: 13.48 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampled :
CB6Y4

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	11.5	8.0	12.0

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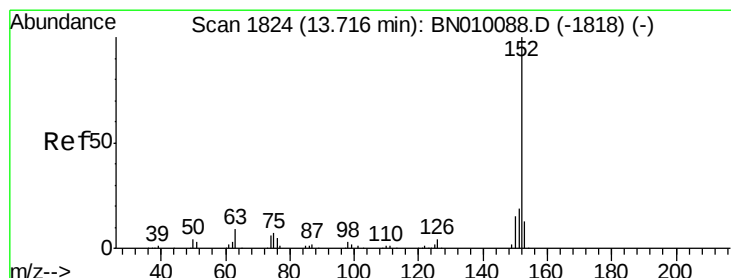
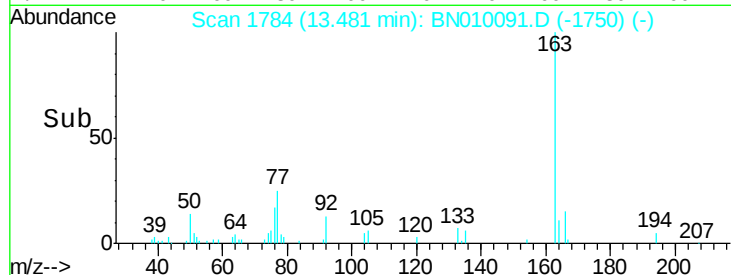
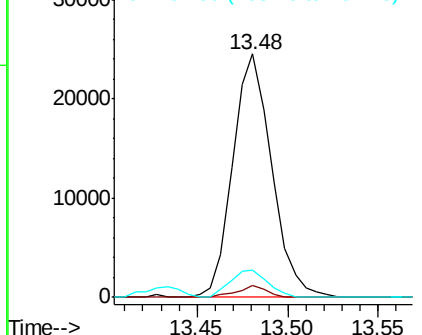


Abundance

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



#48
Acenaphthylene
Concen: 1.049 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

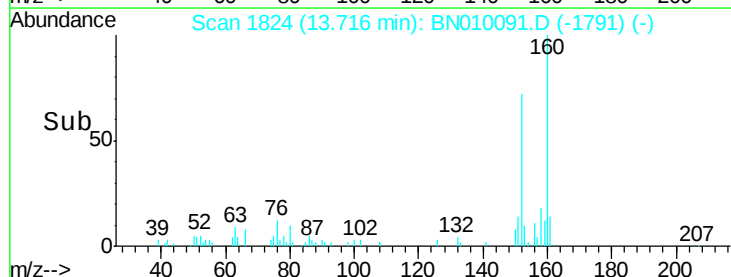
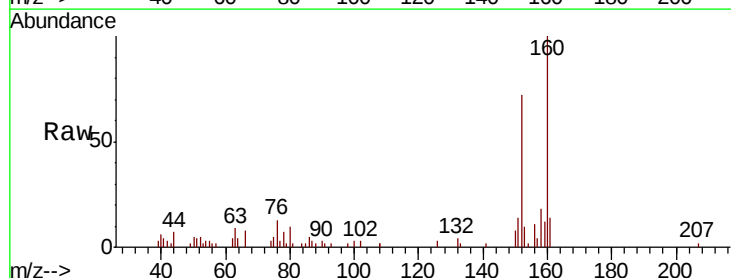
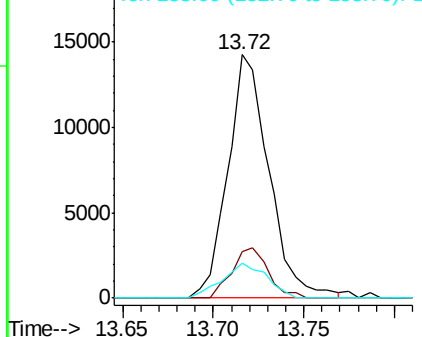
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	14.1	10.3	15.5

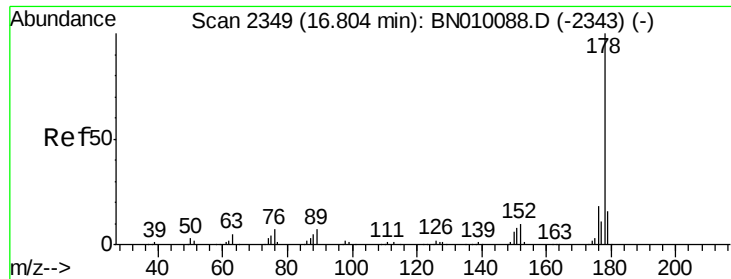
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





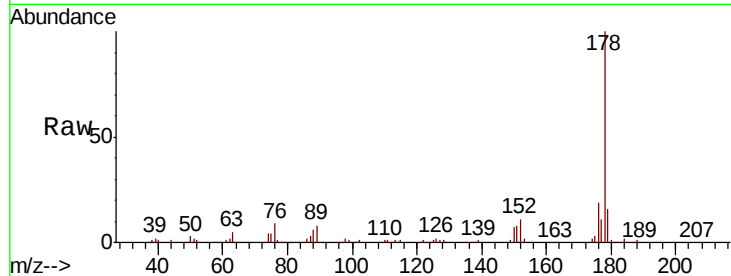
#70
Phenanthrene
Concen: 9.963 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampled :
CB6Y4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.9	14.6	22.0

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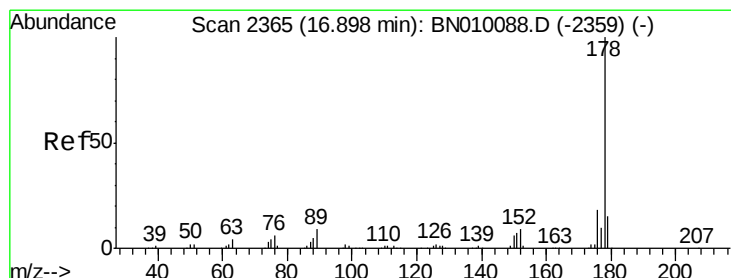
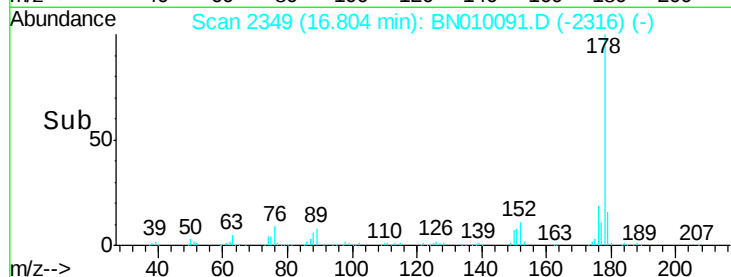
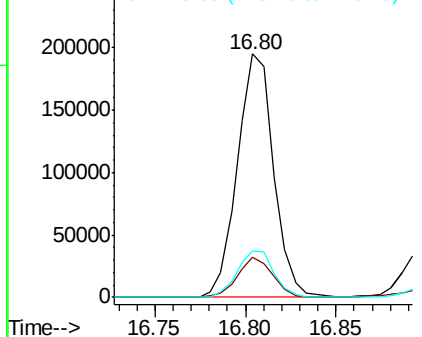


Abundance

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



#72
Anthracene
Concen: 2.242 ng/ul
RT: 16.90 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

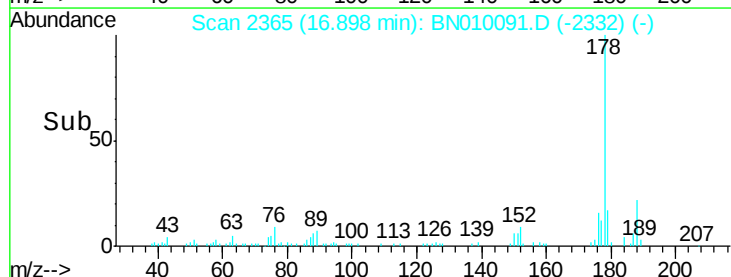
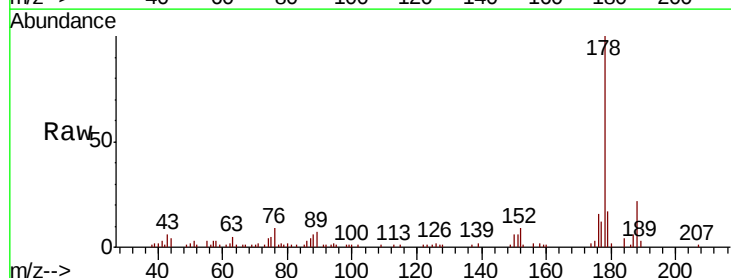
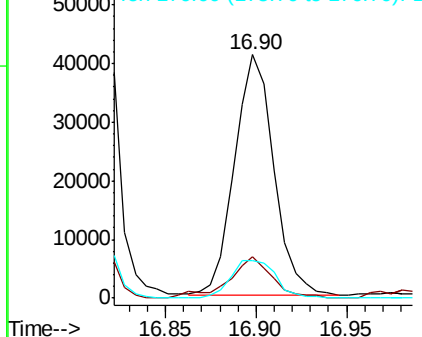
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.2
176	15.7	14.6	21.8

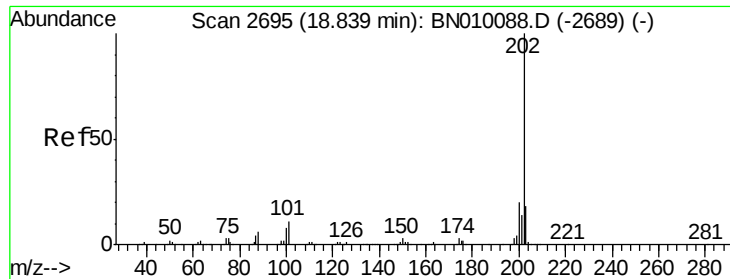
Abundance

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





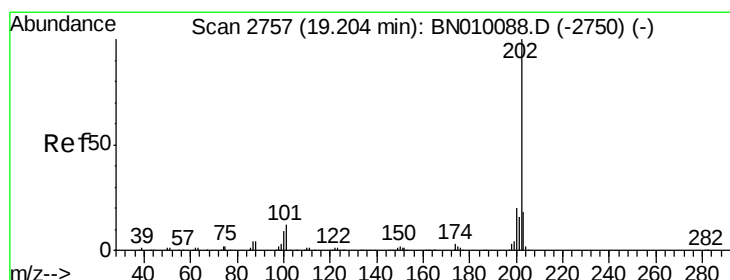
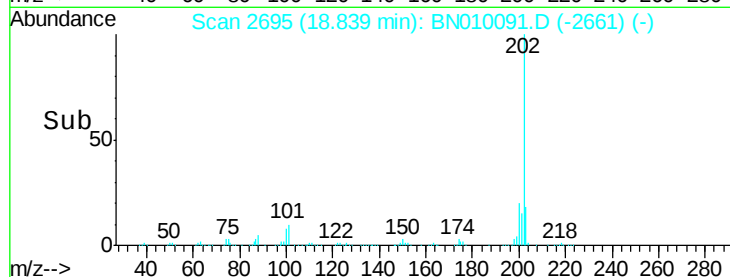
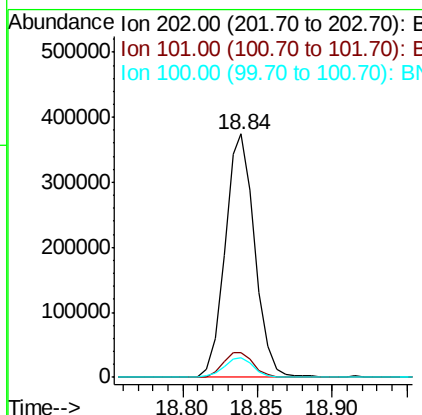
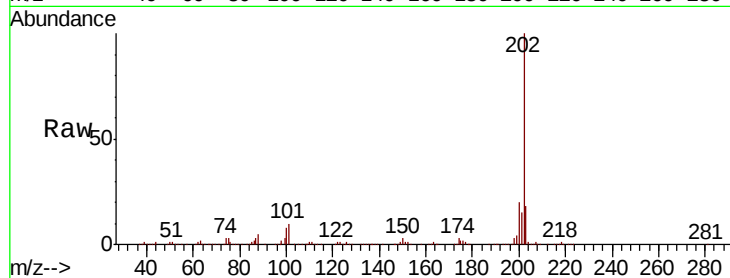
#77
Fluoranthene
 Concen: 16.335 ng/ul
 RT: 18.84 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BN010091.D
 Acq: 04 Mar 2020 22:50

Instrument :
 BNA_N
 ClientSampled :
 CB6Y4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	9.4	14.2
100	7.9	7.2	10.8

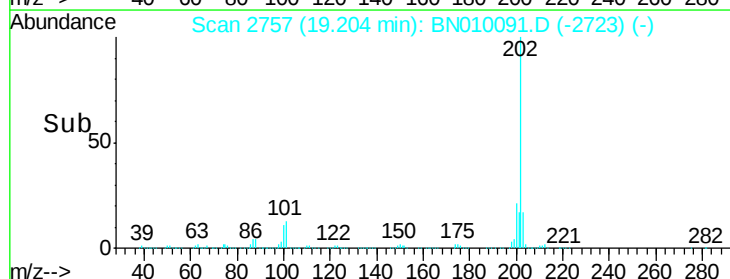
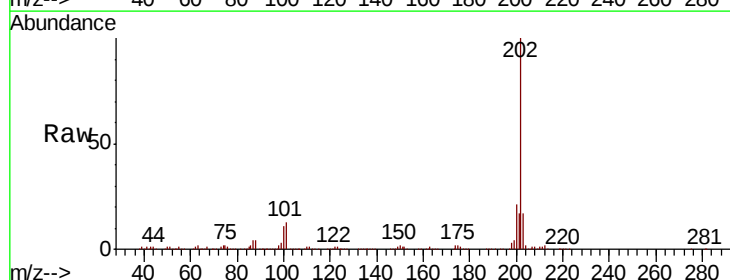
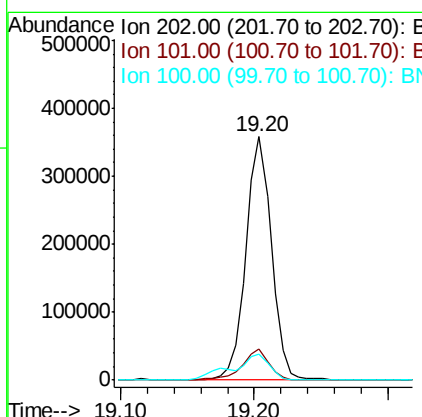
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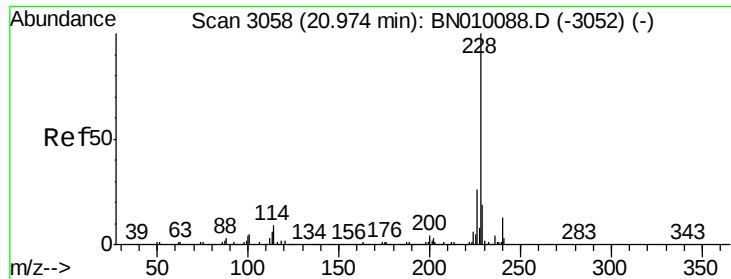
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#80
Pyrene
 Concen: 15.033 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: BN010091.D
 Acq: 04 Mar 2020 22:50

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	11.3	16.9
100	10.8	9.0	13.6





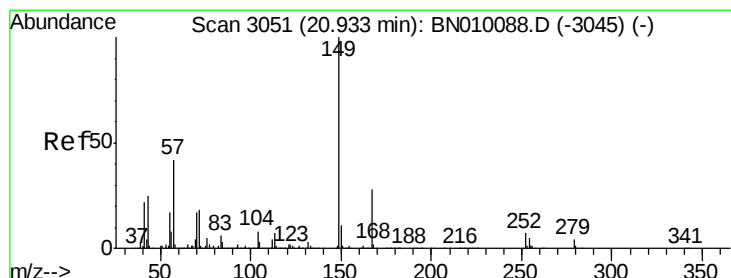
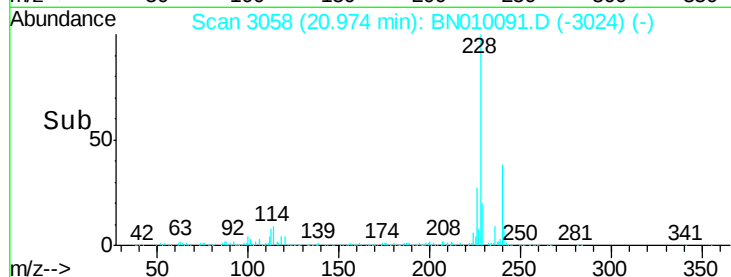
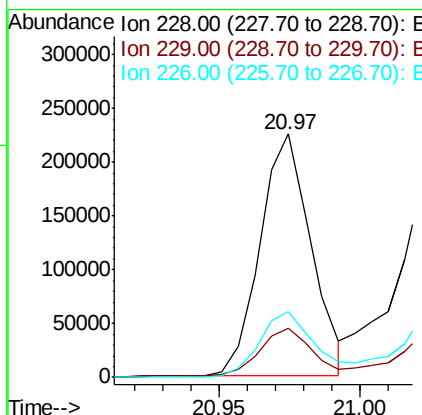
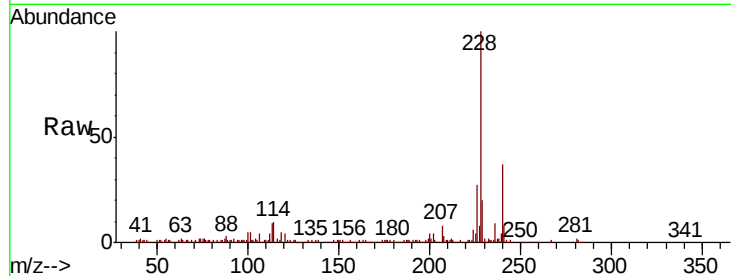
#83
Benzo(a)anthracene
Concen: 9.411 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampleId :
CB6Y4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.0	22.4
226	27.0	21.4	32.2

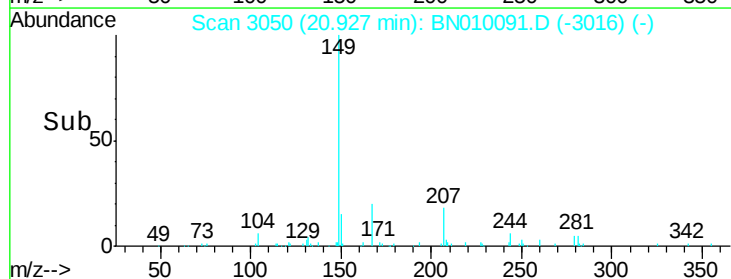
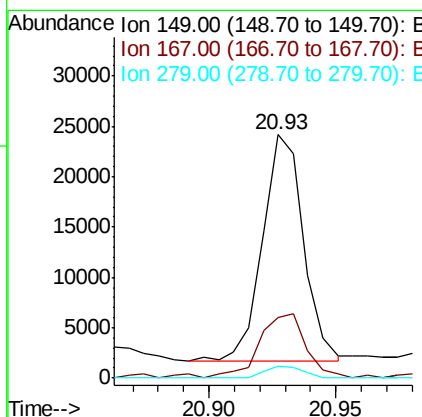
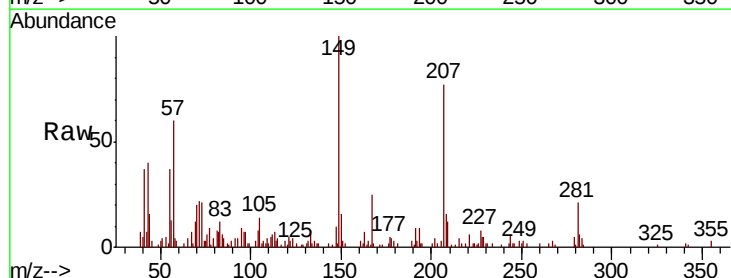
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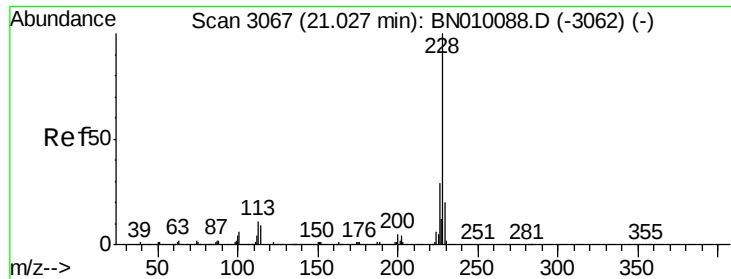
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.296 ng/ul
RT: 20.93 min Scan# 3050
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.6
279	4.9	3.0	4.6#





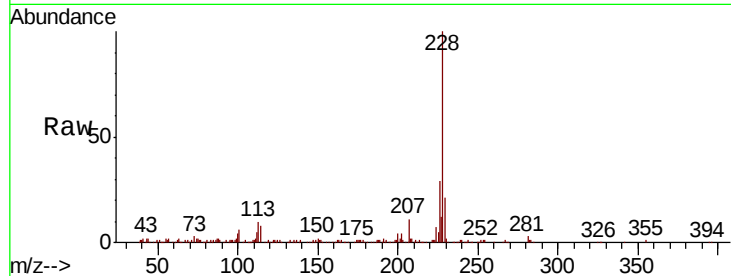
#85
Chrysene
Concen: 9.366 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampleId :
CB6Y4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.0	15.0	22.4

Manual Integrations
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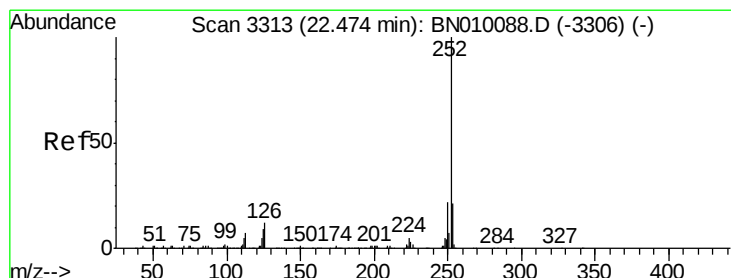
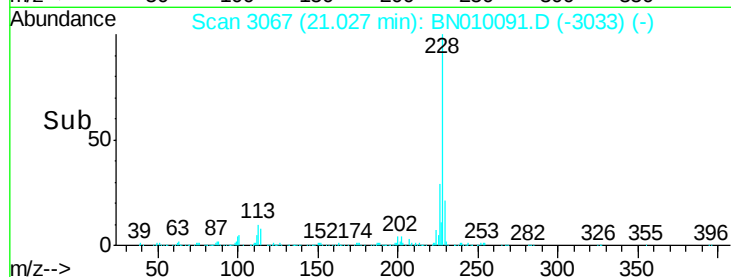
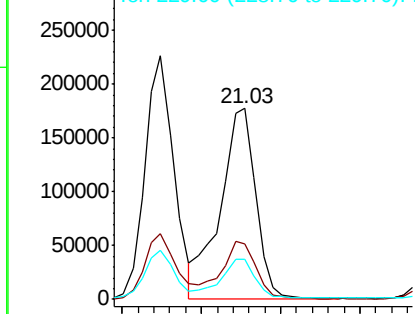


Abundance

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: 12.607 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. 0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

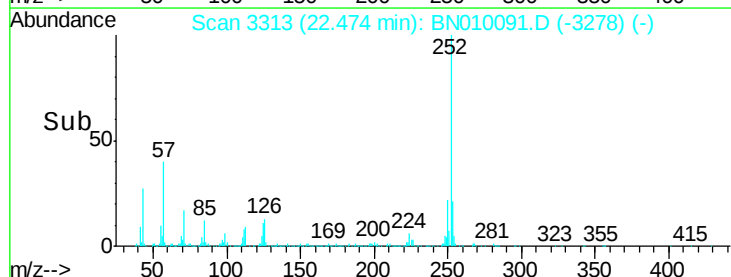
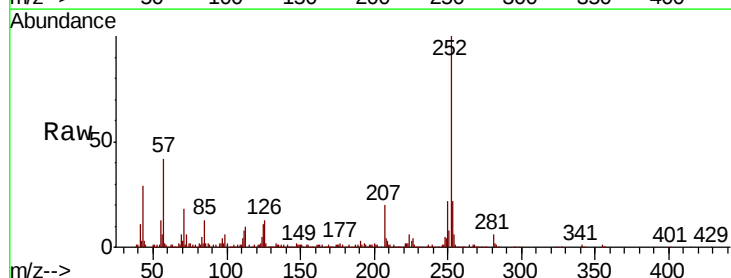
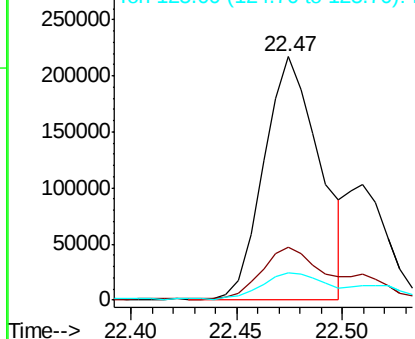
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	11.0	8.0	12.0

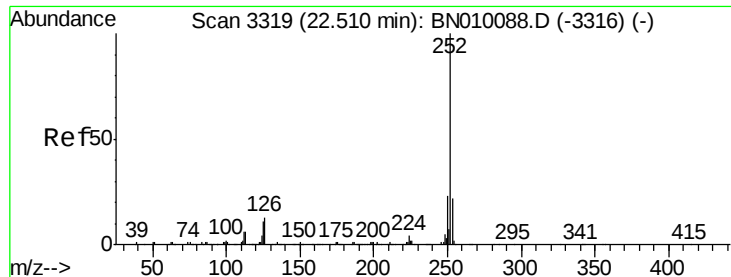
Abundance

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





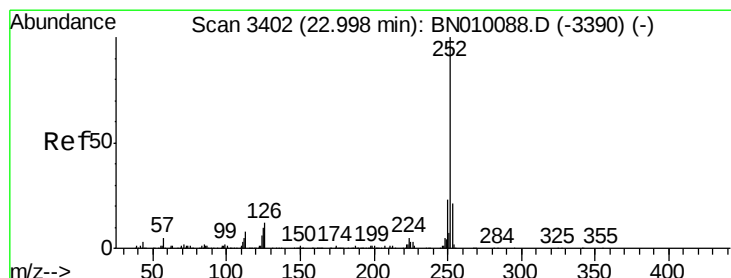
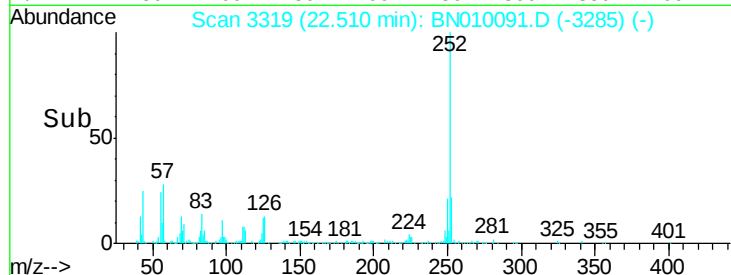
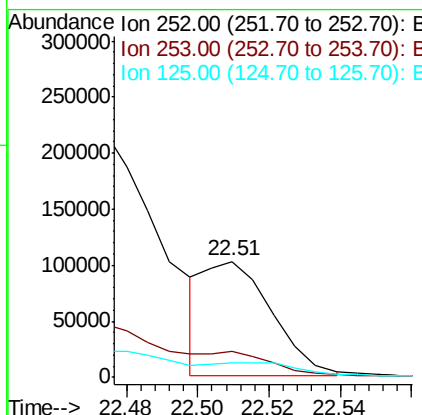
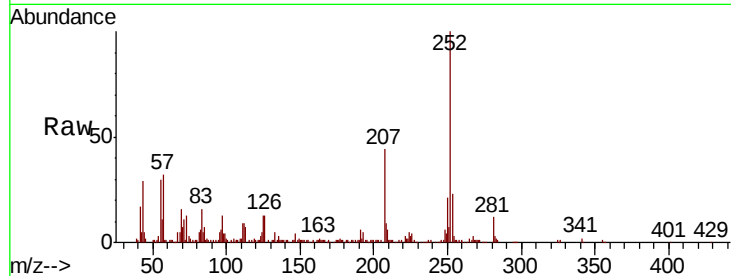
#89
Benzo(k)fluoranthene
Concen: 4.494 ng/ul m
RT: 22.51 min Scan# 3319
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampled :
CB6Y4

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.9	18.0	27.0	
125	12.9	8.2	12.2	

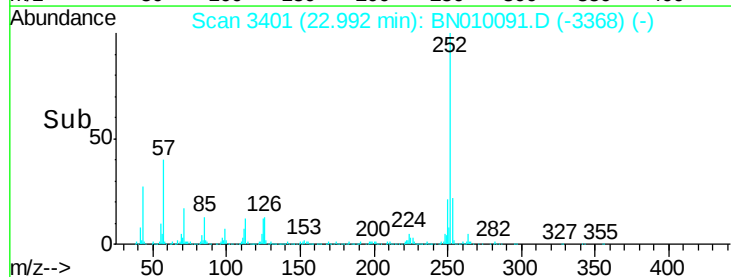
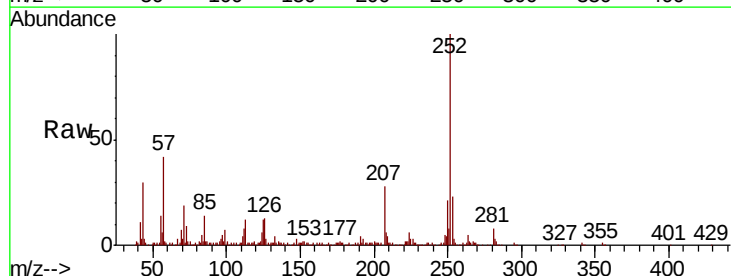
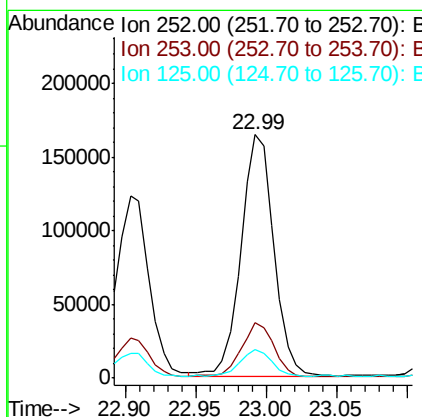
Manual Integrations
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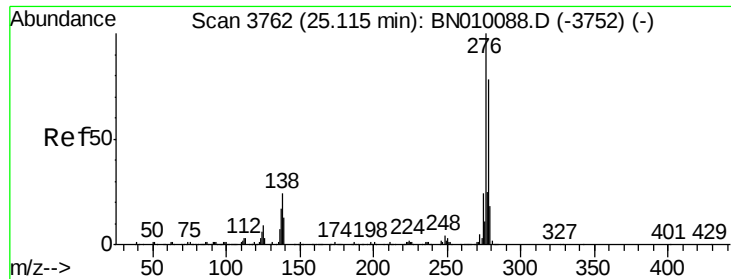
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#91
Benzo(a)pyrene
Concen: 9.466 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.8	17.4	26.0	
125	11.9	9.0	13.6	





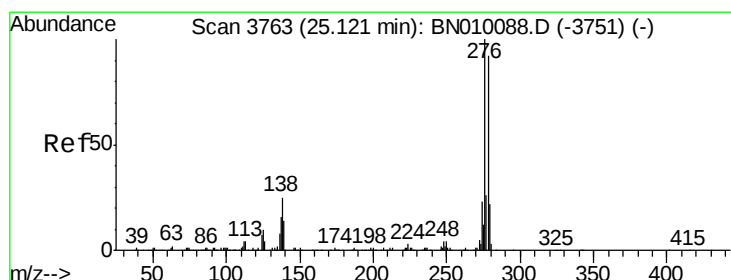
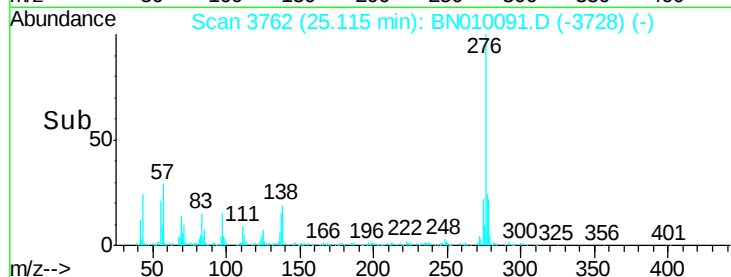
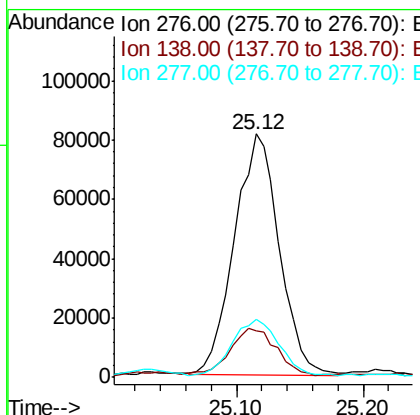
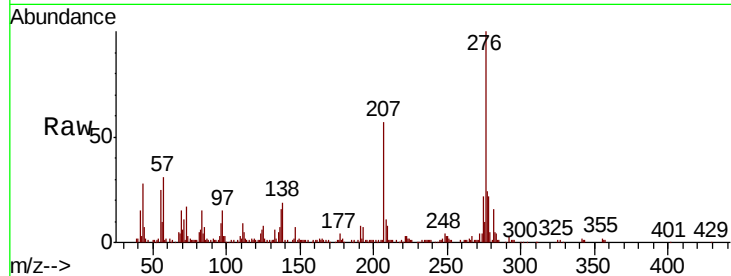
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.937 ng/ul
RT: 25.12 min Scan# 3762
Delta R.T. -0.00 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Instrument :
BNA_N
ClientSampleId :
CB6Y4

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	20.9	31.3#
277	24.1	18.2	27.4

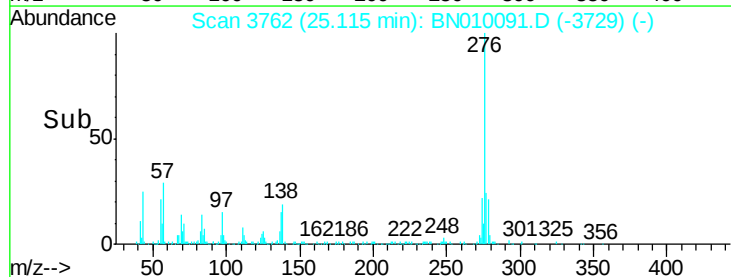
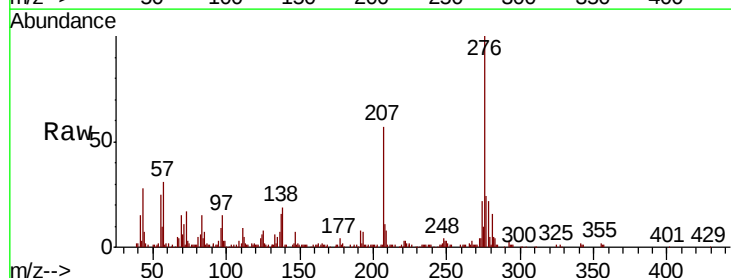
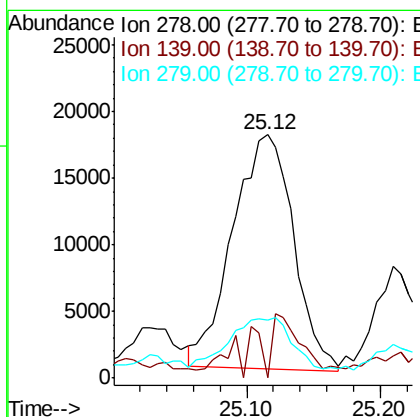
Manual Integrations
APPROVED

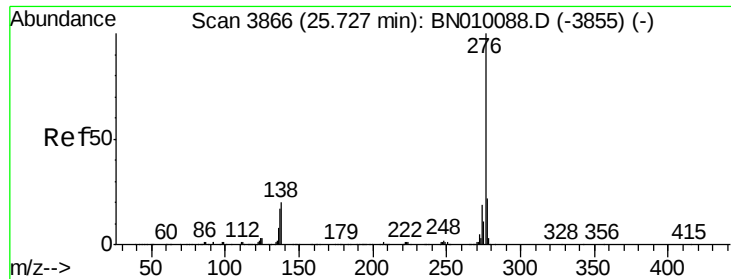
mohammad
3/5/2020 3:56:21 PM



#93
Dibenzo(a,h)anthracene
Concen: 1.924 ng/ul
RT: 25.12 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BN010091.D
Acq: 04 Mar 2020 22:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	24.0	17.5	26.3





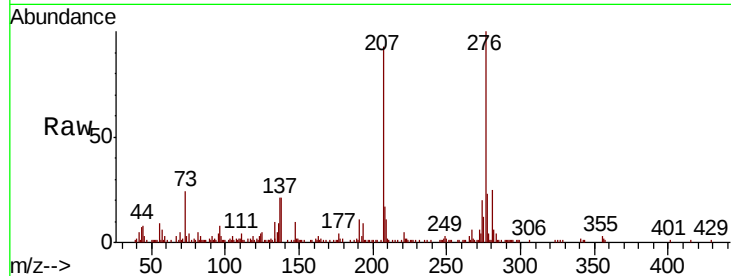
#94
 Benzo(a,h,i)perylene
 Concen: 5.266 ng/ul
 RT: 25.73 min Scan# 3867
 Delta R.T. 0.01 min
 Lab File: BN010091.D
 Acq: 04 Mar 2020 22:50

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y4

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.5	26.3
277	23.0	18.1	27.1

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:21 PM



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

