

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010392.D
 Acq On : 02 Apr 2020 14:56
 Operator : CG/JU
 Sample : L2062-01DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 F3E00DL

Manual Integrations
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Quant Time: Apr 02 15:34:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 17:35:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	380649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1696489	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1161321	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2686952	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2941620	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3371983	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	33252	4.13	ng/uL	0.00
5) Phenol-d5	6.79	99	793829	25.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	408509	24.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	649590	25.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	722269	26.93	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	333323	26.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	358232	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	787867	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	505795	15.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2588311	29.54	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3071443	30.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	430837	26.18	ng/ul	0.00
58) Fluorene-d10	15.23	176	2315029	30.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	340493	22.13	ng/ul	0.00
71) Anthracene-d10	17.08	188	3780845	30.64	ng/ul	0.00
79) Pyrene-d10	19.38	212	4444675	29.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	5155434	30.73	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.70	163	203673	2.251	ng/ul#	98
48) Acenaphthylene	13.95	152	269987	2.452	ng/ul	99
72) Anthracene	17.11	178	578753	3.887	ng/ul	96
77) Fluoranthene	19.05	202	2925484	18.450	ng/ul	98
80) Pyrene	19.41	202	10912349	55.479	ng/ul	98
83) Benzo(a)anthracene	21.17	228	5243669m	26.532	ng/ul	
85) Chrysene	21.22	228	6627247	35.164	ng/ul	97
88) Benzo(b)fluoranthene	22.72	252	11009097	53.915	ng/ul	97
89) Benzo(k)fluoranthene	22.76	252	4657732	23.481	ng/ul	98
91) Benzo(a)pyrene	23.27	252	5493707	28.737	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.51	276	2517526	10.204	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.51	278	727518	3.570	ng/ul#	82
94) Benzo(g,h,i)perylene	26.15	276	1578073	7.592	ng/ul	99

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

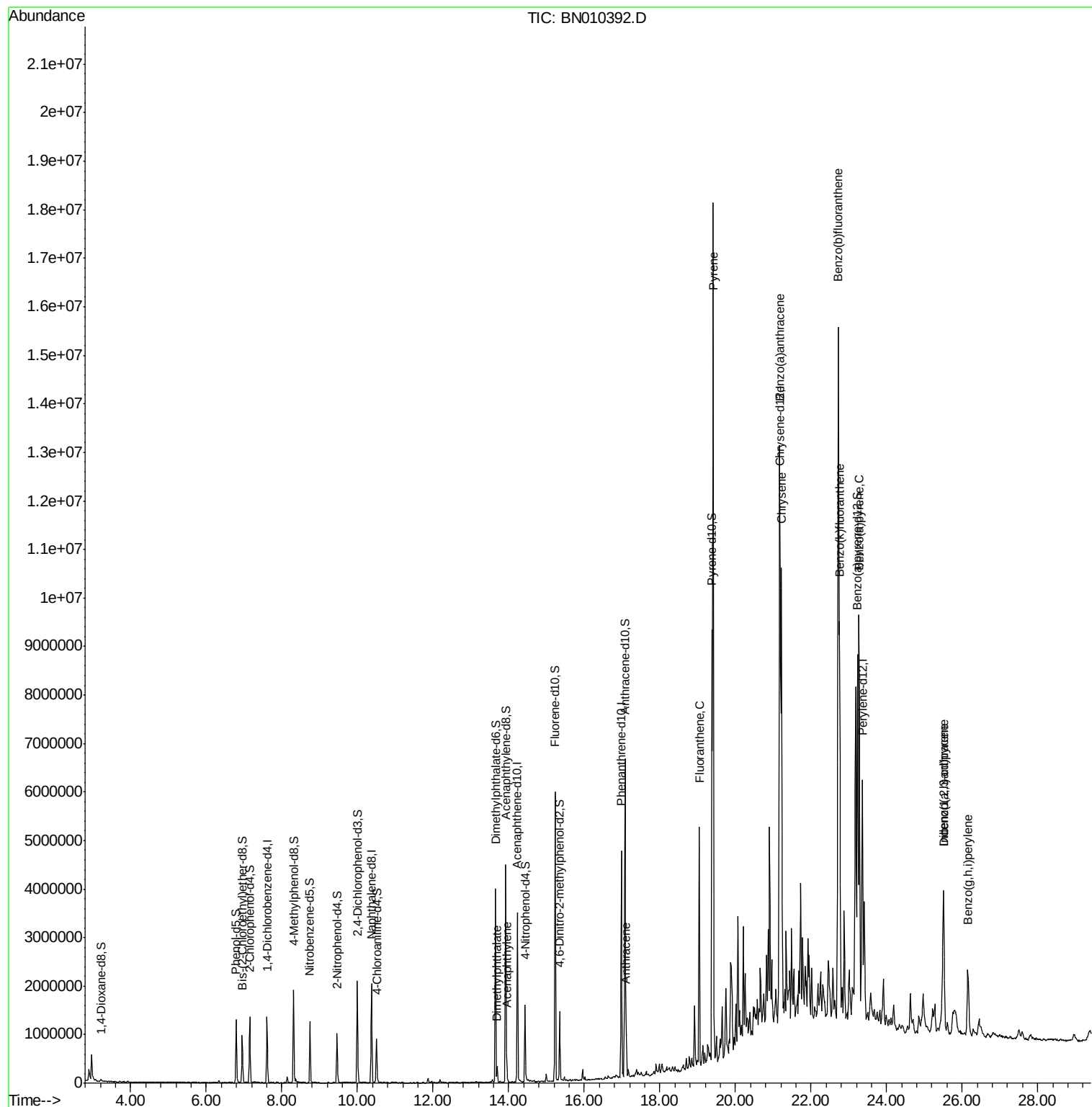
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010392.D
Acq On : 02 Apr 2020 14:56
Operator : CG/JU
Sample : L2062-01DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

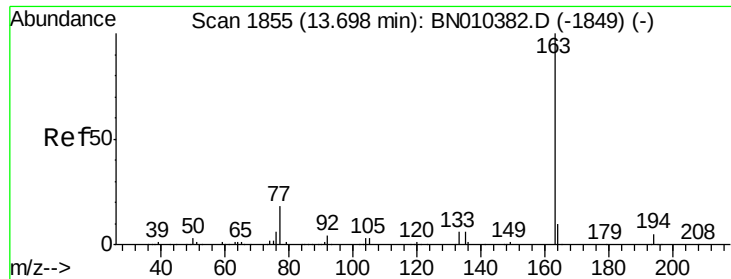
Instrument :
BNA_N
ClientSampleId :
F3E00DL

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Quant Time: Apr 02 15:34:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.251 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Instrument :

BNA_N

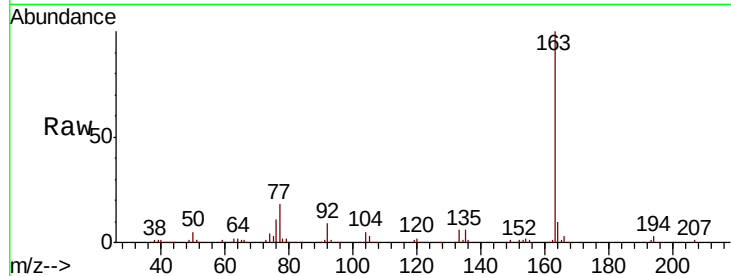
ClientSampleId :

F3E00DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.7	5.5#
164	9.5	8.0	12.0

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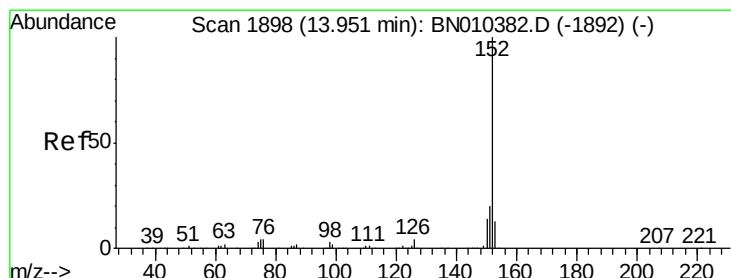
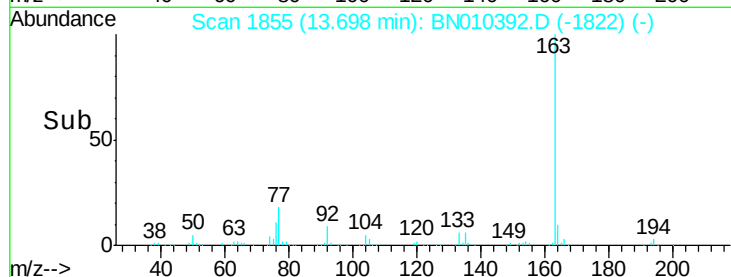
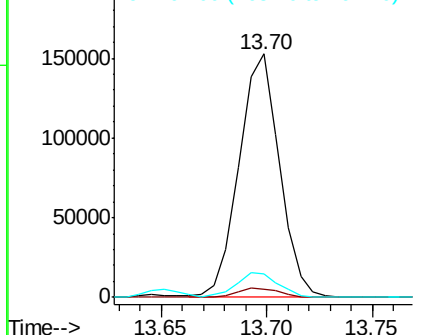


Abundance

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: 2.452 ng/ul

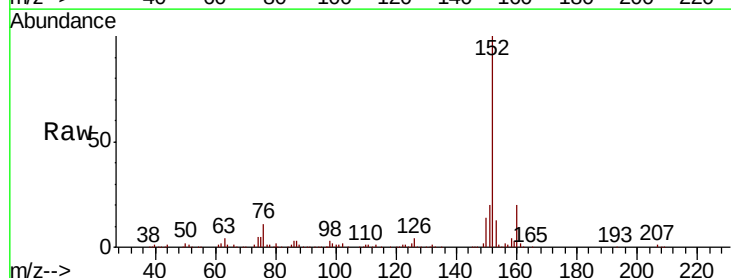
RT: 13.95 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.2	15.2

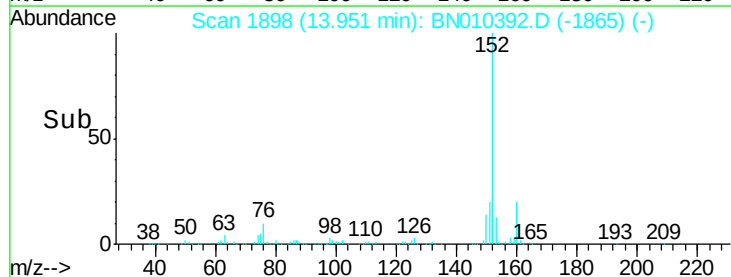
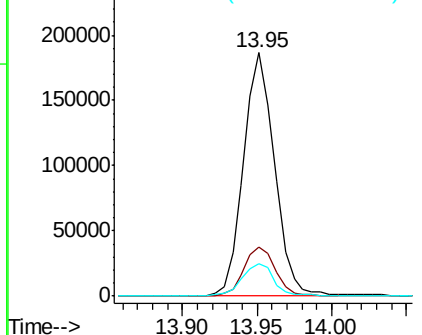


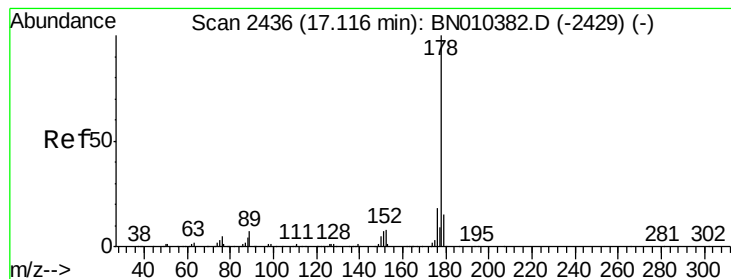
Abundance

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





#72

Anthracene

Concen: 3.887 ng/ul

RT: 17.11 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Instrument :

BNA_N

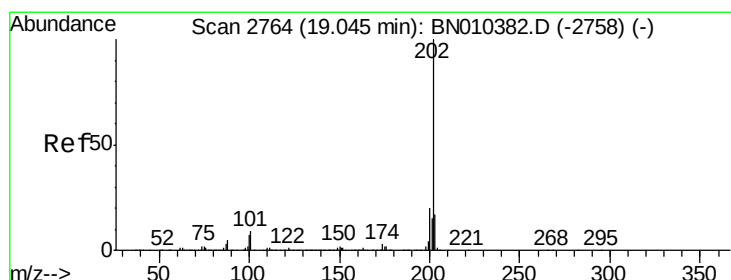
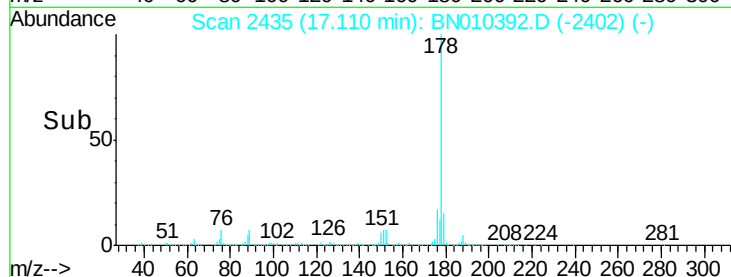
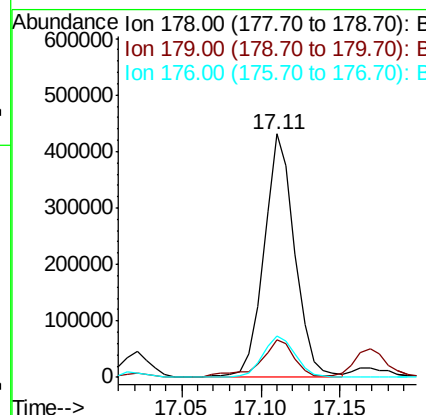
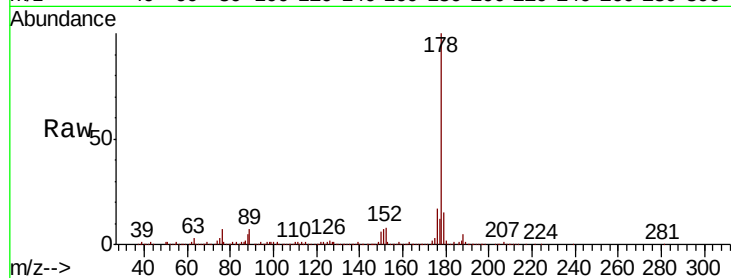
ClientSampleId :

F3E00DL

Tot Ion:	178	Resp:	578753
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.9	19.3
176	16.8	15.2	22.8

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#77

Fluoranthene

Concen: 18.450 ng/ul

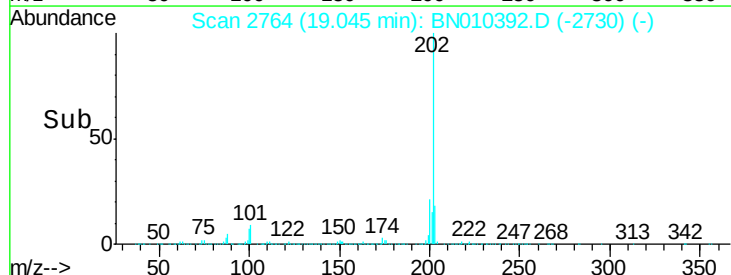
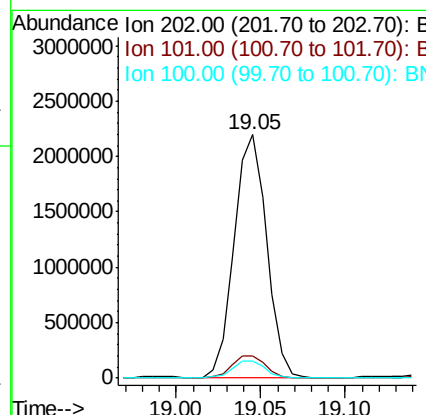
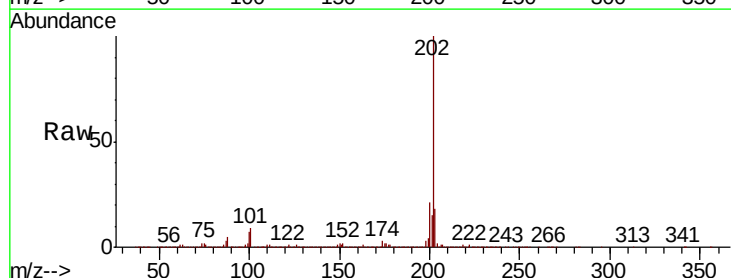
RT: 19.05 min Scan# 2764

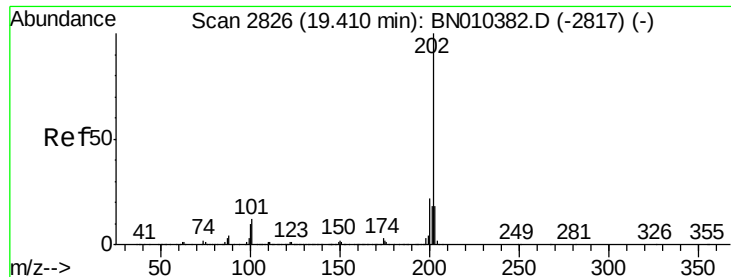
Delta R.T. 0.00 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Tgt Ion:	202	Resp:	2925484
Ion Ratio	Lower	Upper	
202	100		
101	9.3	8.1	12.1
100	6.8	6.2	9.4





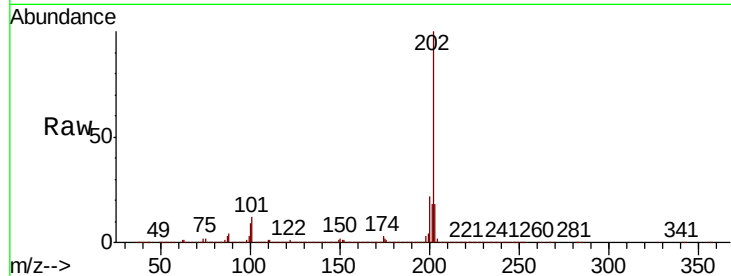
#80
Pvrene
Concen: 55.479 ng/ul
RT: 19.41 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BN010392.D
Acq: 02 Apr 2020 14:56

Instrument :
BNA_N
ClientSampled :
F3E00DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	9.3	8.1	12.1

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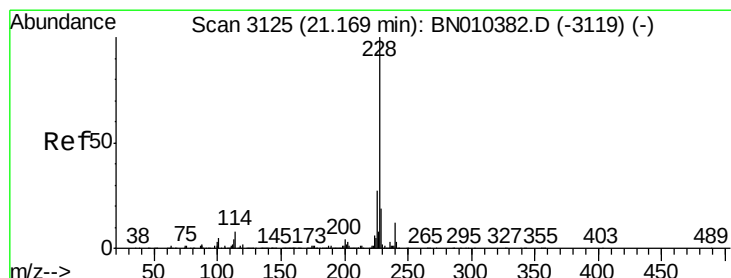
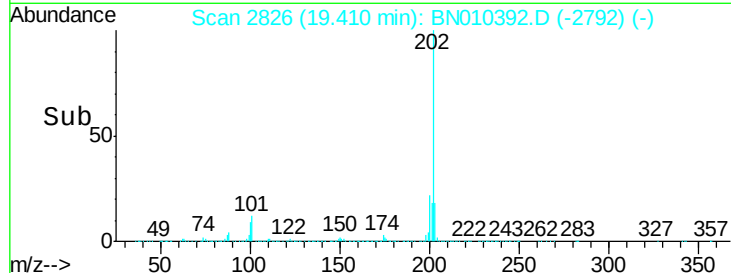
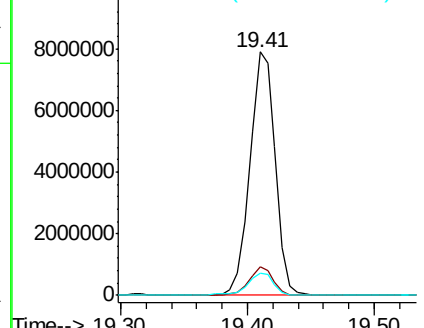


Abundance

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: 26.532 ng/ul m
RT: 21.17 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BN010392.D
Acq: 02 Apr 2020 14:56

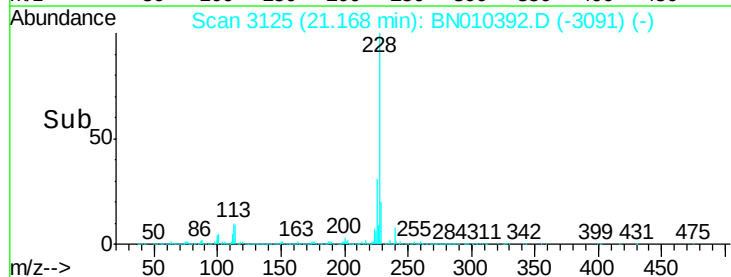
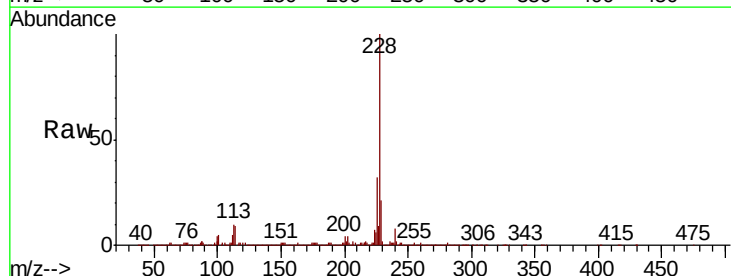
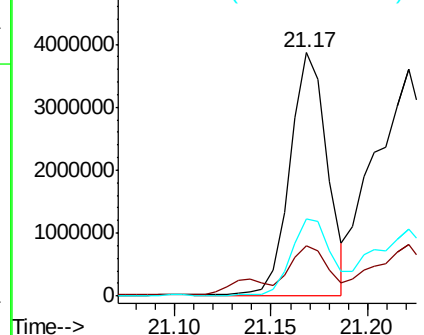
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	31.6	21.0	31.6#

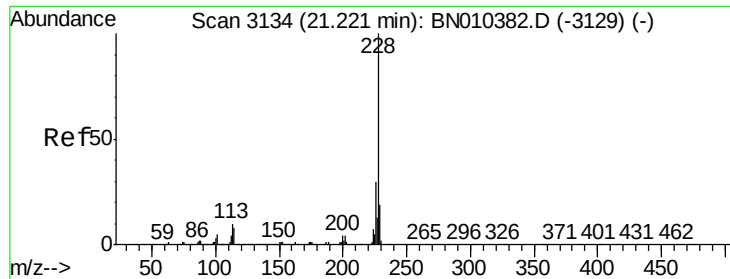
Abundance

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





#85

Chrysene

Concen: 35.164 ng/ul

RT: 21.22 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Instrument :

BNA_N

ClientSampled :

F3E00DL

Tot Ion:228 Resp: 6627247

Ion Ratio Lower Upper

228 100

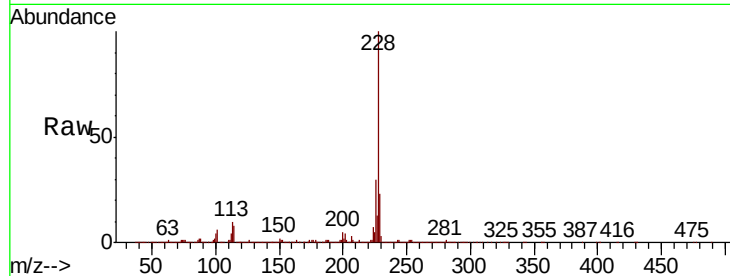
226 29.5 23.0 34.6

229 22.6 15.7 23.5

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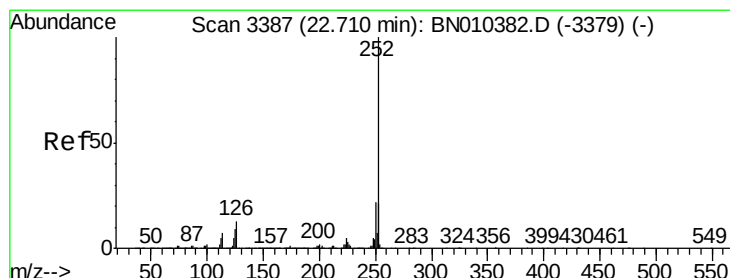
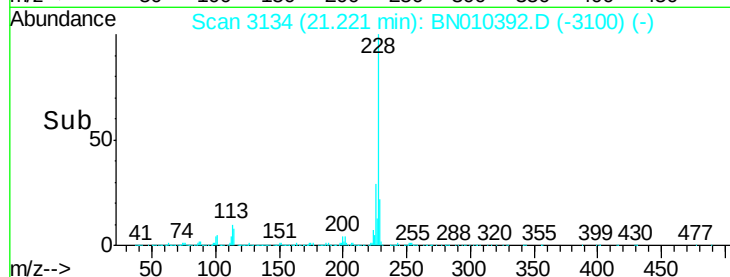
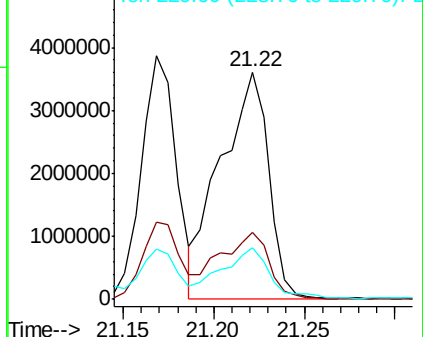


Abundance

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: 53.915 ng/ul

RT: 22.72 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

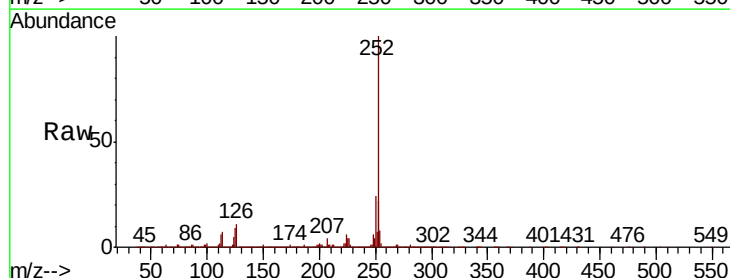
Tgt Ion:252 Resp:11009097

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 9.3 7.4 11.0

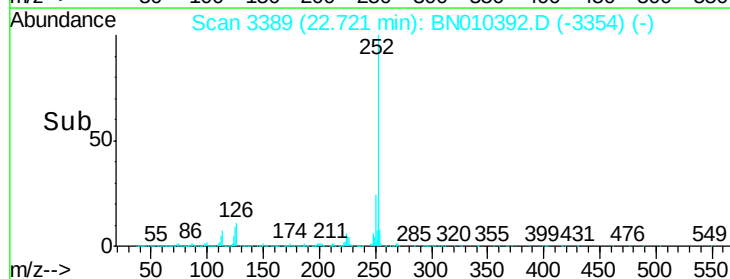
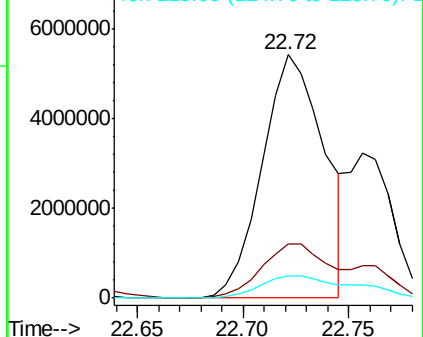


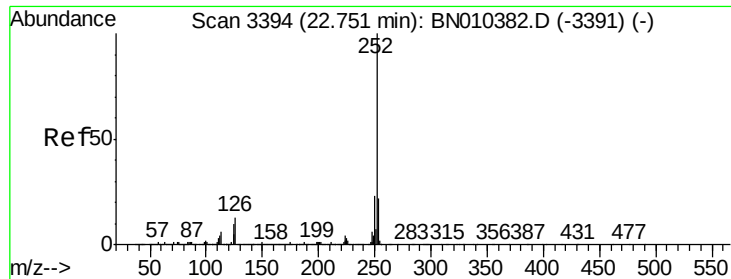
Abundance

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: 23.481 ng/ul

RT: 22.76 min Scan# 3395

Delta R.T. 0.00 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Instrument :

BNA_N

ClientSampleId :

F3E00DL

Tot Ion:252 Resp: 4657732

Ion Ratio Lower Upper

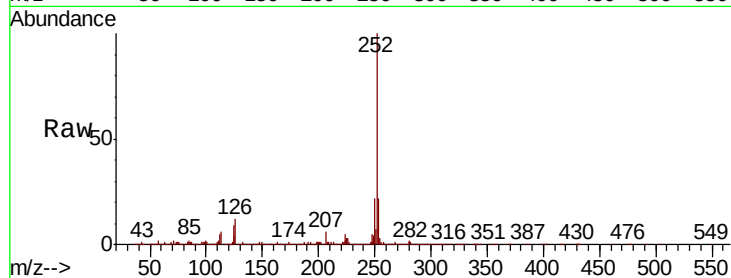
252 100

253 22.2 18.6 27.8

125 9.1 8.1 12.1

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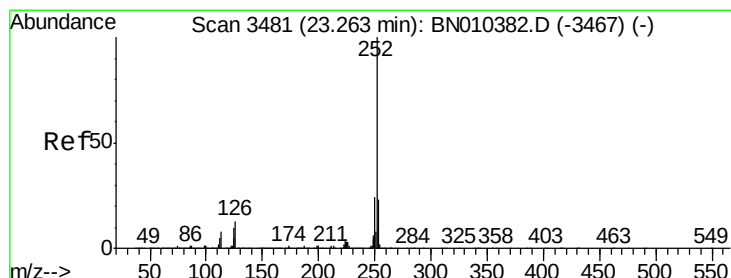
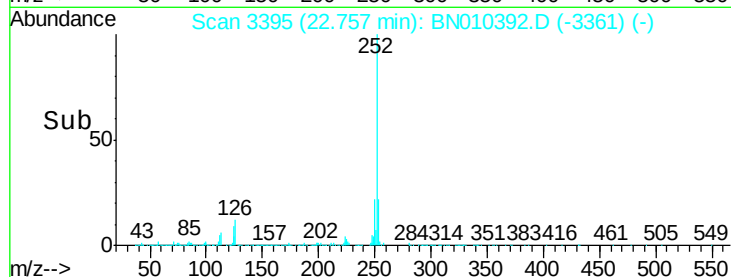
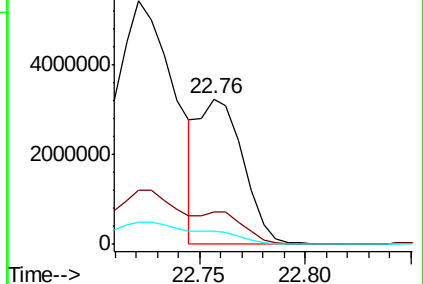
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 28.737 ng/ul

RT: 23.27 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Tgt Ion:252 Resp: 5493707

Ion Ratio Lower Upper

252 100

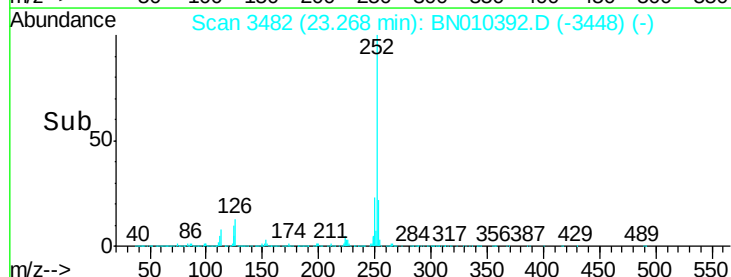
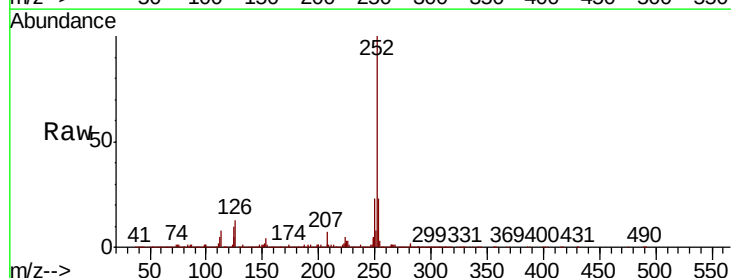
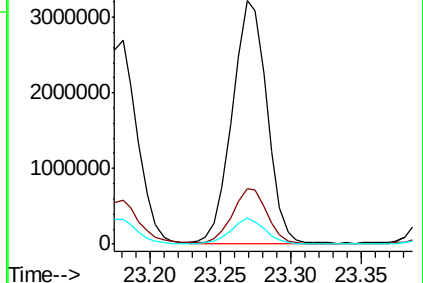
253 22.5 18.6 27.8

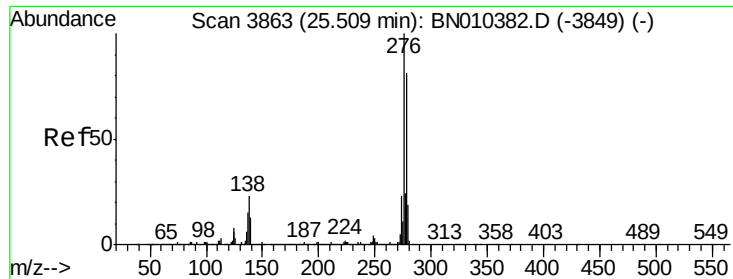
125 10.5 8.9 13.3

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





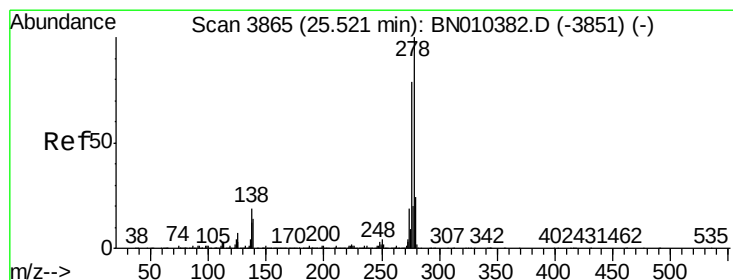
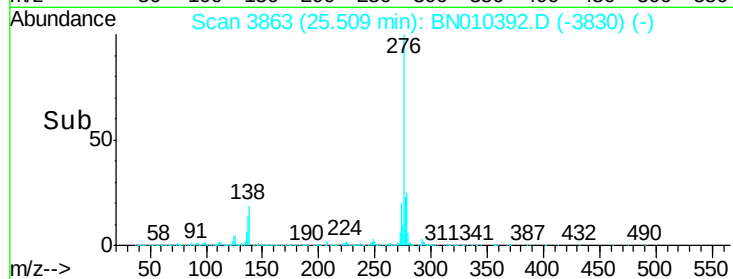
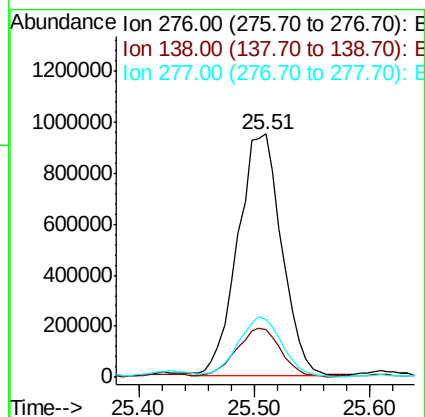
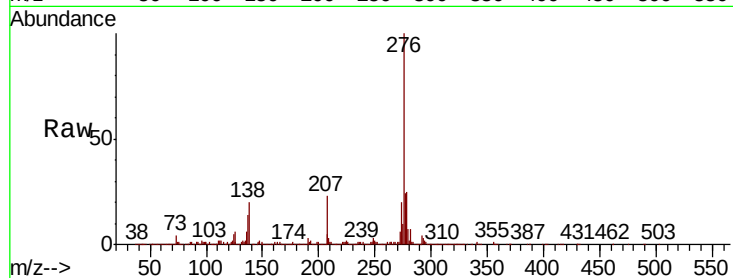
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 10.204 ng/ul
 RT: 25.51 min Scan# 3863
 Delta R.T. -0.01 min
 Lab File: BN010392.D
 Acq: 02 Apr 2020 14:56

Instrument :
 BNA_N
 ClientSampleId :
 F3E00DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.8	29.8#
277	23.6	20.6	30.8

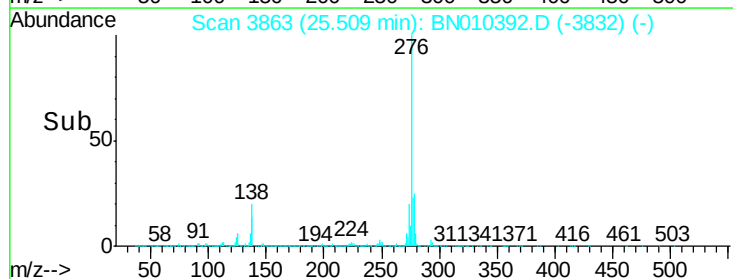
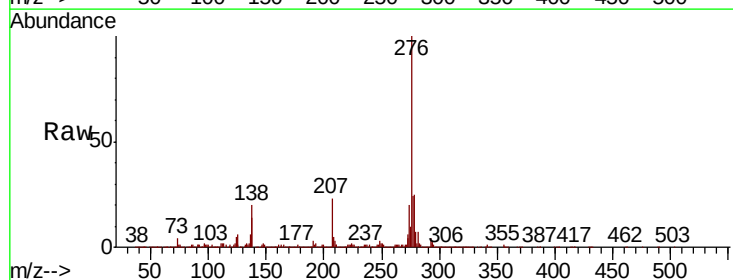
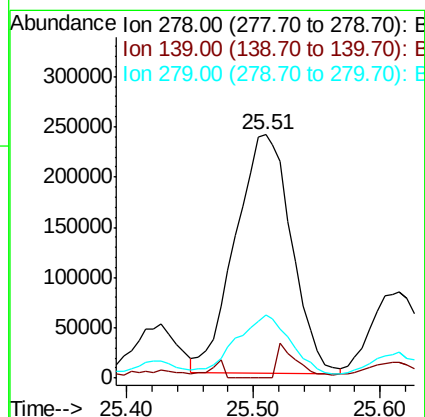
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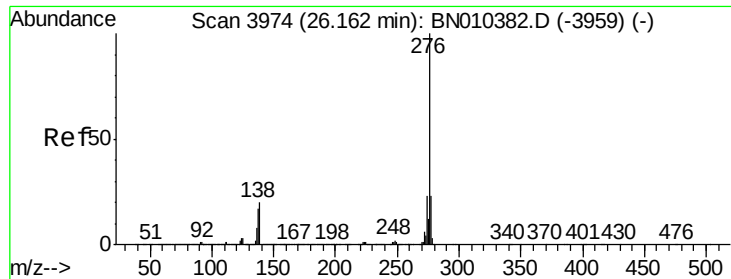
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#93
 Dibenzo(a,h)anthracene
 Concen: 3.570 ng/ul
 RT: 25.51 min Scan# 3863
 Delta R.T. -0.02 min
 Lab File: BN010392.D
 Acq: 02 Apr 2020 14:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.0	18.0#
279	25.9	18.2	27.2





#94

Benzo(a,h,i)perylene

Concen: 7.592 ng/ul

RT: 26.15 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BN010392.D

Acq: 02 Apr 2020 14:56

Instrument :

BNA_N

ClientSampleId :

F3E00DL

Tot Ion:276 Resp: 1578073

Ion Ratio Lower Upper

276 100

138 20.5 16.8 25.2

277 23.8 18.4 27.6

Manual Integrations

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