

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010525.D
 Acq On : 16 Apr 2020 20:23
 Operator : CG/JU
 Sample : L2191-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB797

Manual Integrations
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 4/17/2020 1:52:07 PM

Quant Time: Apr 17 01:29:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	457893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1996535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1280543	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2866717	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2813518	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2483525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	50128	5.73	ng/uL	0.00
5) Phenol-d5	6.78	99	1108311	30.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	593402	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	945679	30.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	849382	27.86	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	480039	31.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	524899	30.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	981466	29.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	898228	23.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3105224	32.68	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	3792084	32.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	510550	27.60	ng/ul	0.00
58) Fluorene-d10	15.22	176	2804930	32.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	406601	27.15	ng/ul	0.00
71) Anthracene-d10	17.07	188	4245005	31.97	ng/ul	0.00
79) Pyrene-d10	19.37	212	5067421	31.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4275148	33.19	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.69	163	613427	6.219	ng/ul	99
70) Phenanthrene	17.01	178	1040677	6.537	ng/ul	98
72) Anthracene	17.10	178	221242	1.371	ng/ul	99
77) Fluoranthene	19.03	202	2014045	11.644	ng/ul	96
80) Pyrene	19.40	202	1772907	8.721	ng/ul	97
83) Benzo(a)anthracene	21.16	228	1083249	5.550	ng/ul	97
85) Chrysene	21.21	228	988829	5.388	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	1219668	7.526	ng/ul#	94
89) Benzo(k)fluoranthene	22.74	252	363017m	2.258	ng/ul	
91) Benzo(a)pyrene	23.25	252	778557	5.407	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	461504	2.848	ng/ul	97
93) Dibenzo(a,h)anthracene	25.49	278	137250	1.008	ng/ul#	94
94) Benzo(g,h,i)perylene	26.14	276	330534	2.464	ng/ul	96

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

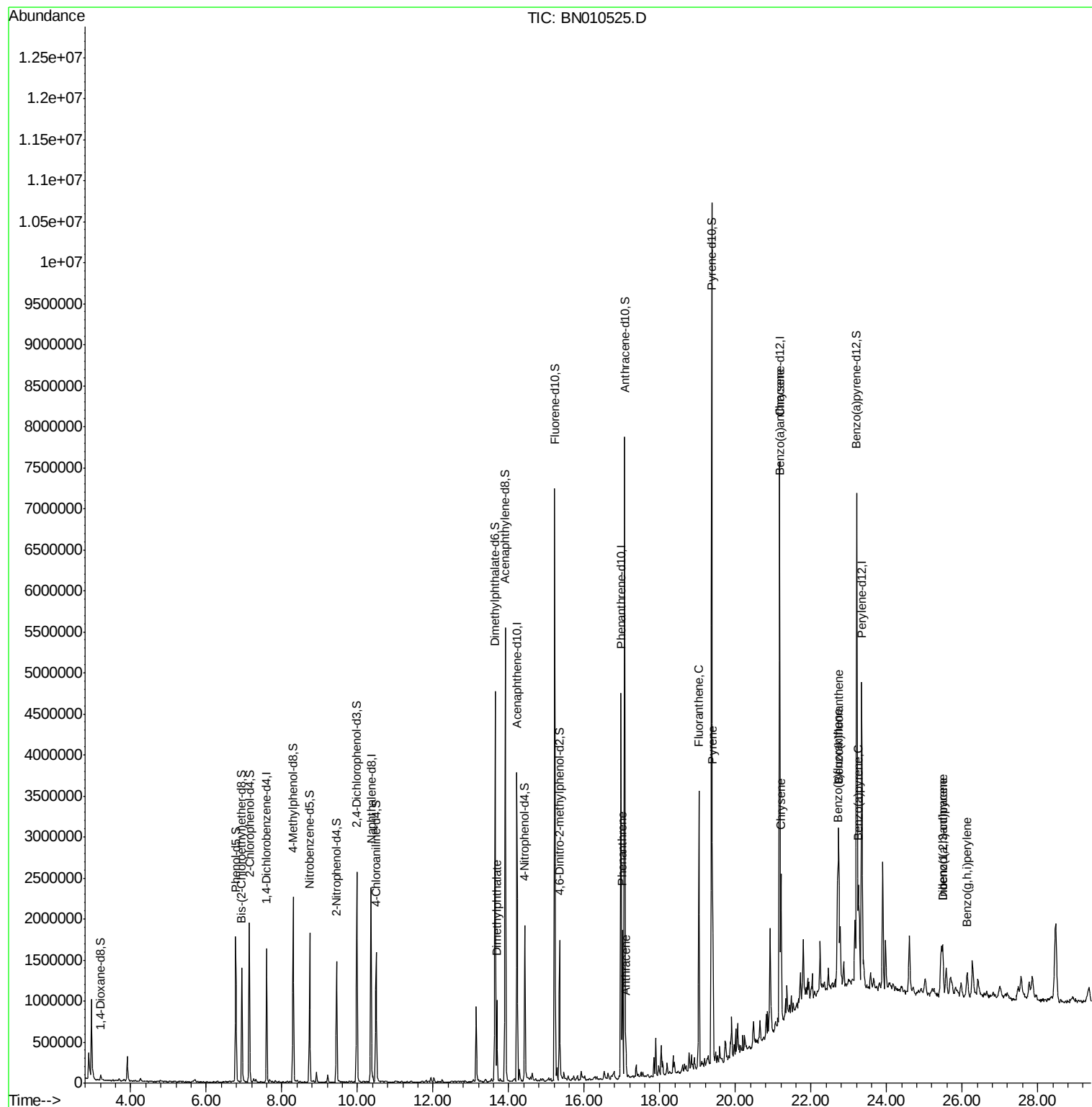
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010525.D
Acq On : 16 Apr 2020 20:23
Operator : CG/JU
Sample : L2191-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

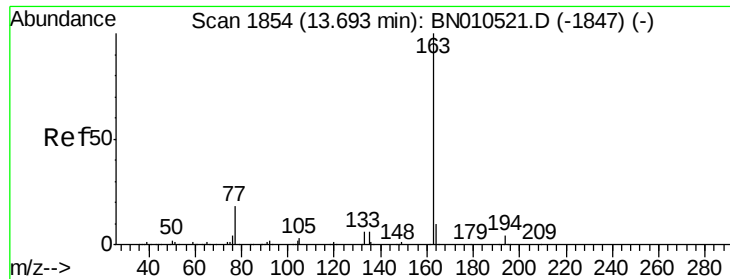
Instrument :
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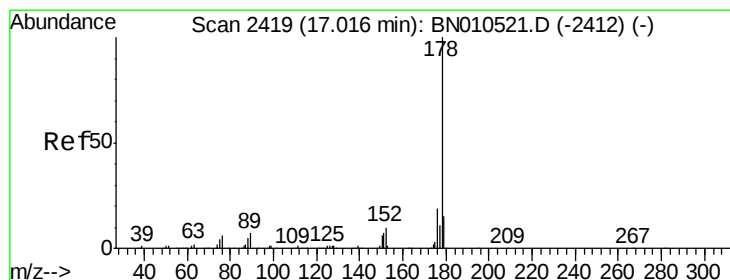
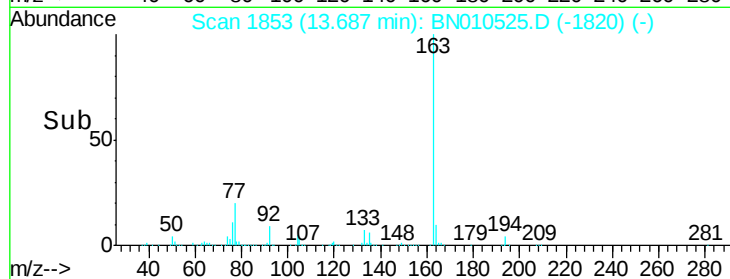
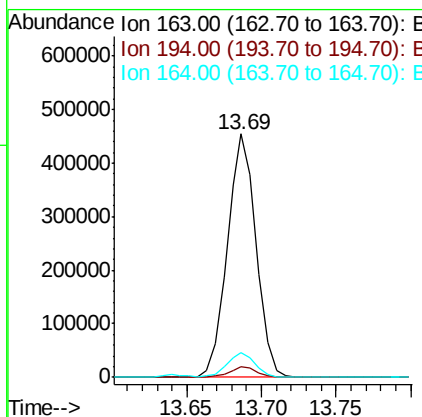
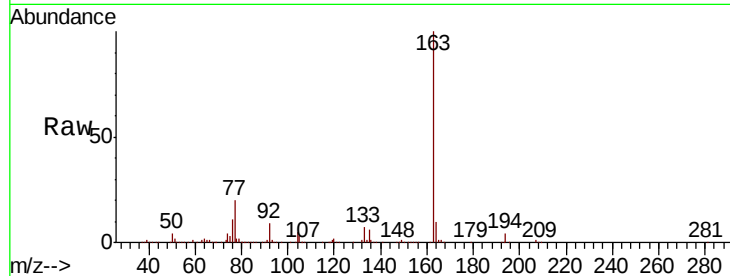
#45
Dimethylphthalate
Concen: 6.219 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Instrument :
BNA_N
ClientSampleId :
CB797

Tot Ion:	163	Resp:	613427
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.4	8.0	12.0

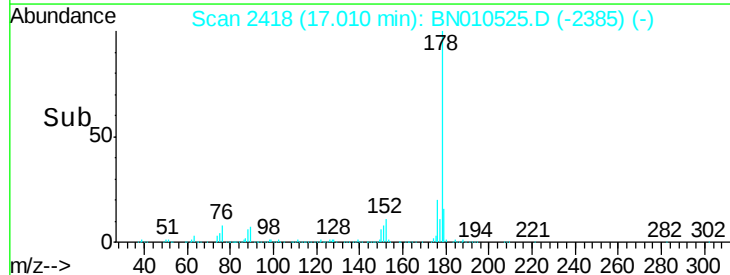
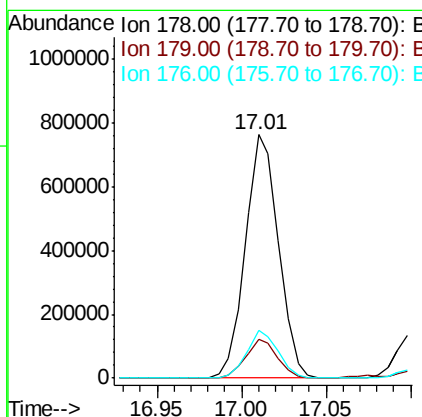
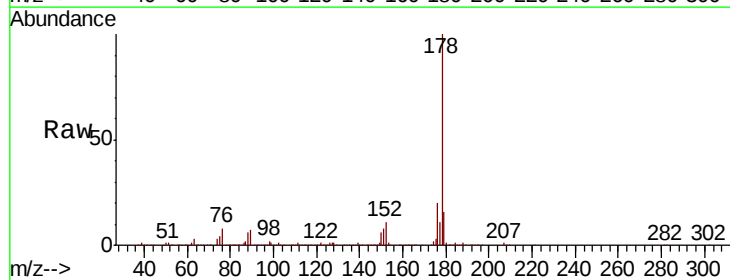
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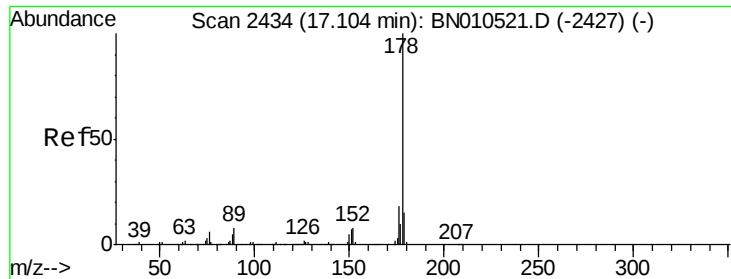
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#70
Phenanthrene
Concen: 6.537 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Tgt Ion:	178	Resp:	1040677
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.4	17.2
176	19.6	15.3	22.9





#72

Anthracene

Concen: 1.371 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

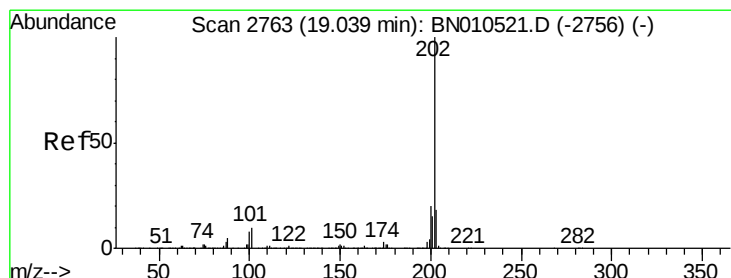
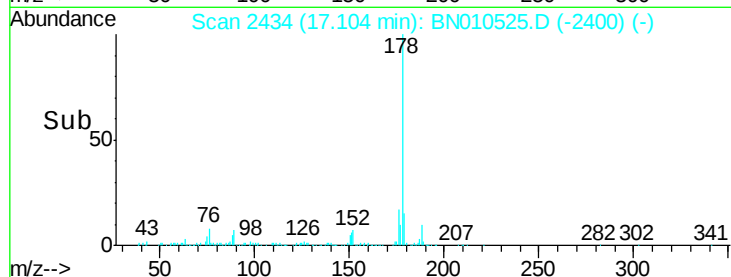
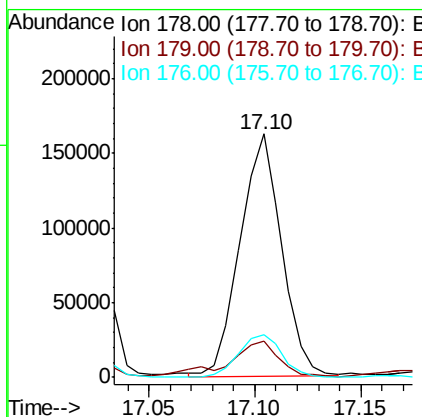
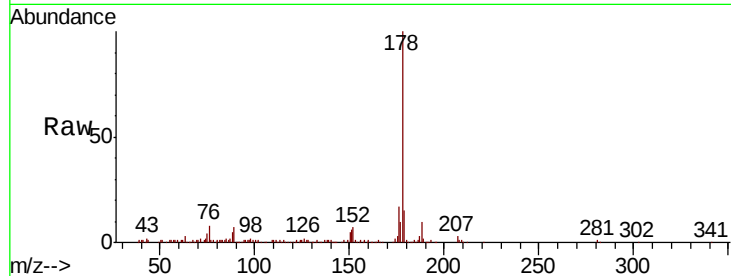
ClientSampleId :

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Tot Ion:	178	Resp:	221242
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.3	18.5
176	17.4	14.2	21.4

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#77

Fluoranthene

Concen: 11.644 ng/ul

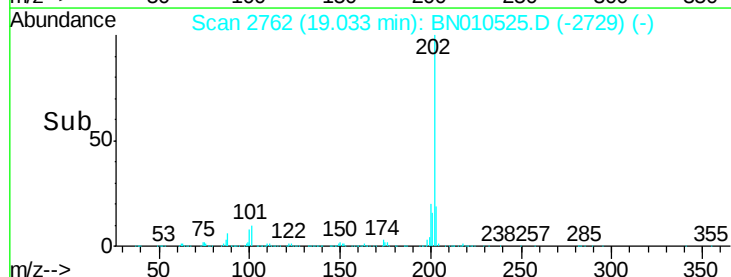
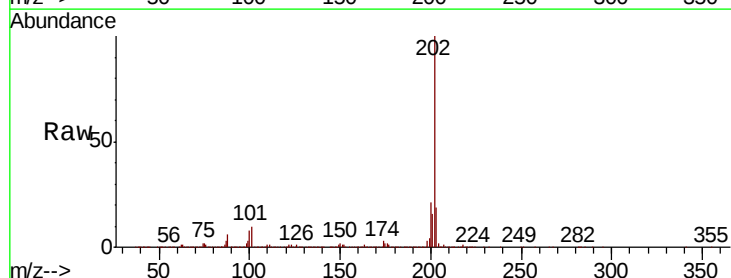
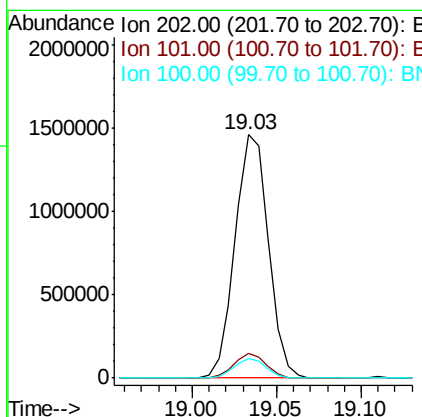
RT: 19.03 min Scan# 2762

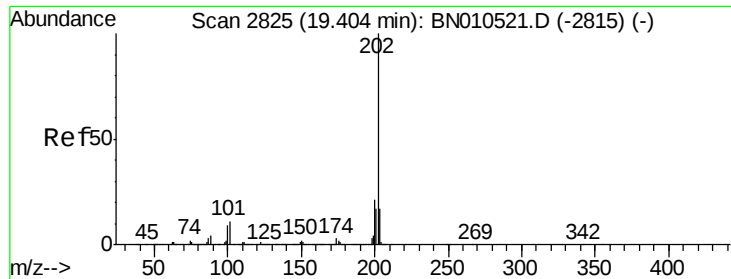
Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Tgt Ion:	202	Resp:	2014045
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.1	10.7
100	8.2	5.5	8.3





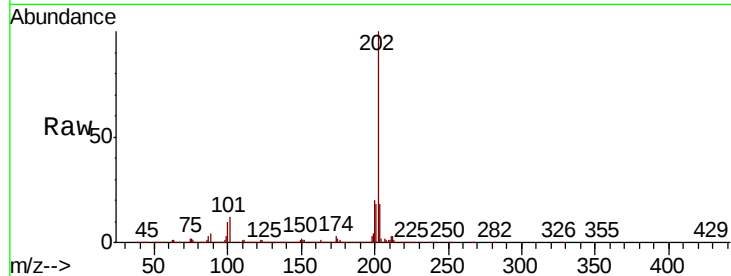
#80
Pvrene
Concen: 8.721 ng/ul
RT: 19.40 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Instrument :
BNA_N
ClientSampleId :
CB797

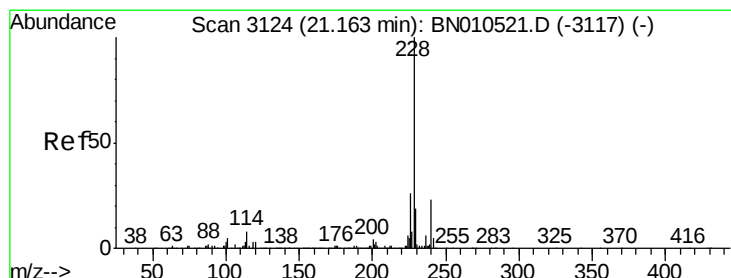
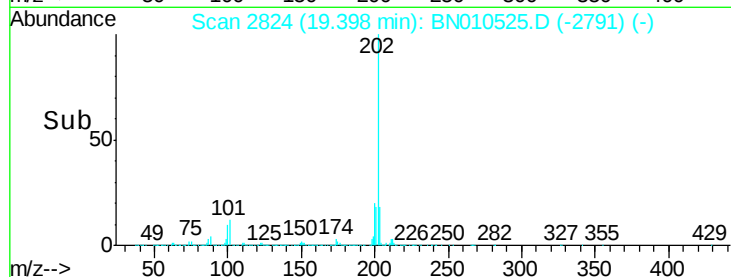
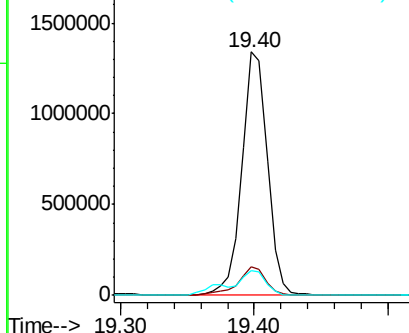
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.6	13.0
100	10.0	7.0	10.6

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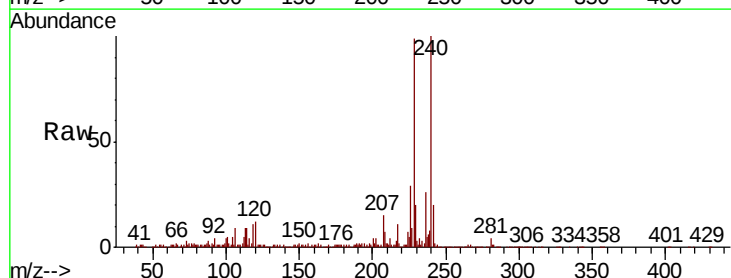


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

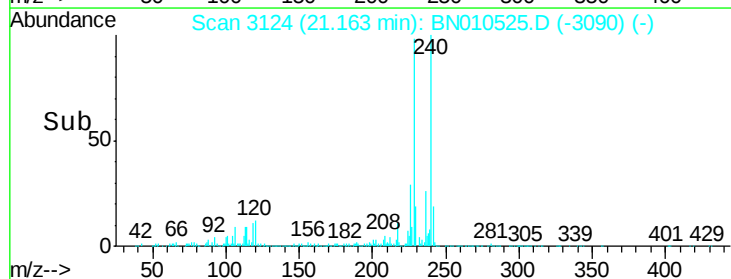
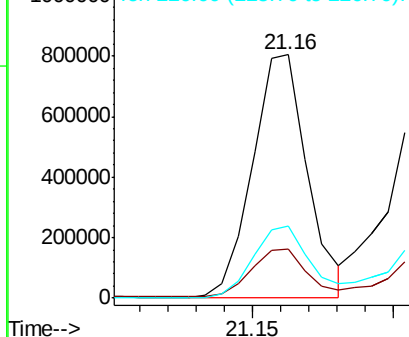


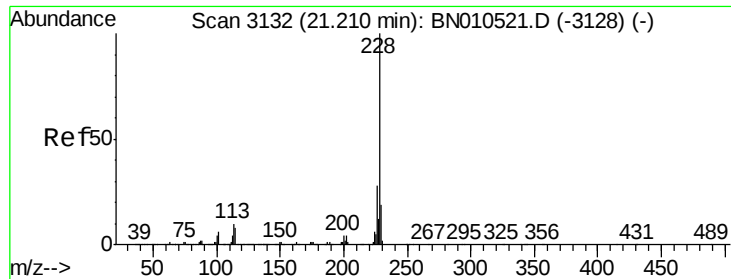
#83
Benzo(a)anthracene
Concen: 5.550 ng/ul
RT: 21.16 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	29.4	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





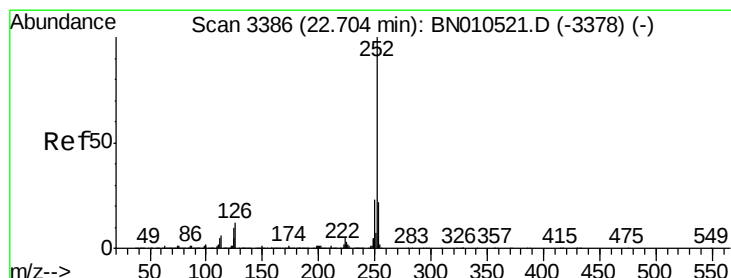
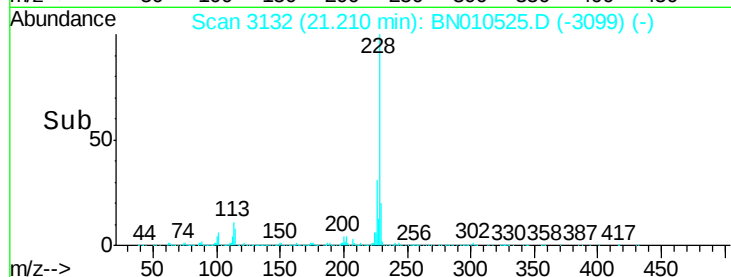
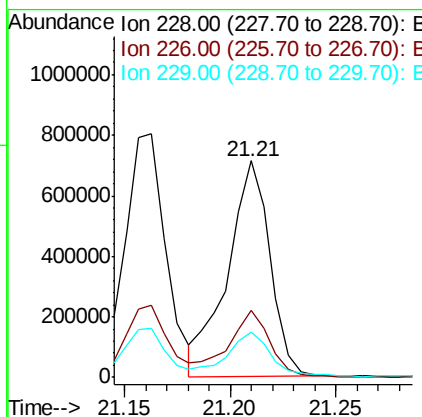
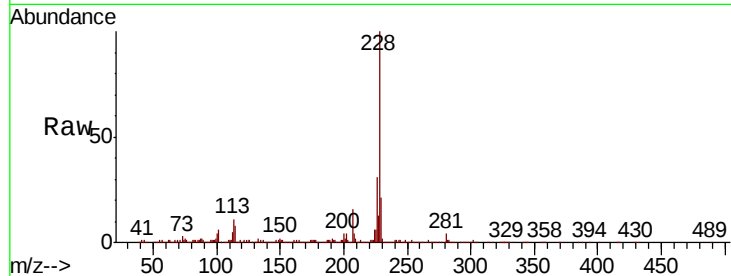
#85
 Chrysene
 Concen: 5.388 ng/ul
 RT: 21.21 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.6
229	20.7	15.0	22.4

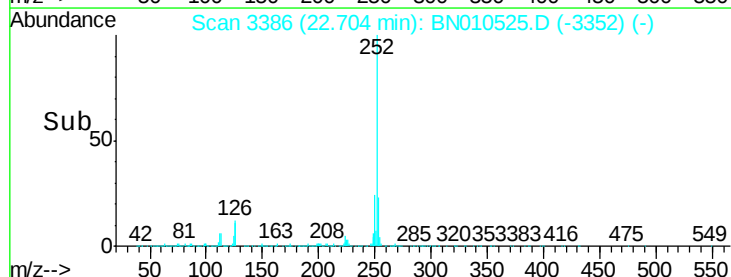
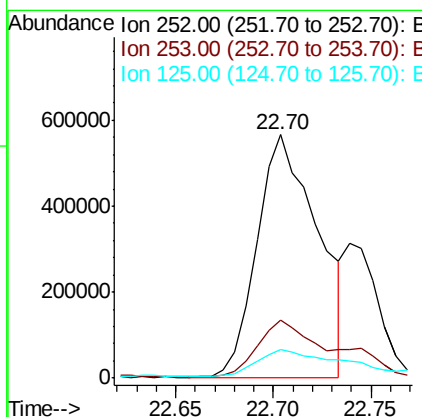
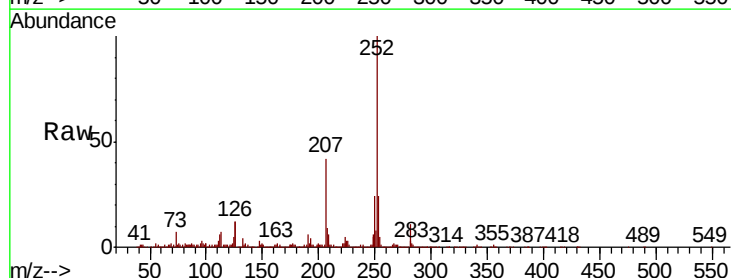
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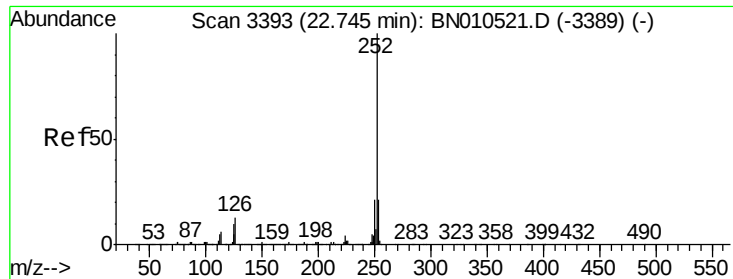
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#88
 Benzo(b)fluoranthene
 Concen: 7.526 ng/ul
 RT: 22.70 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.7	25.1
125	11.5	7.2	10.8





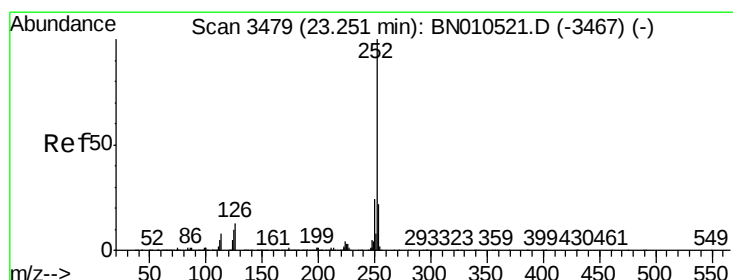
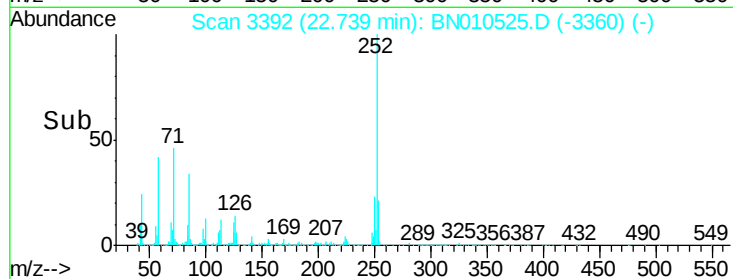
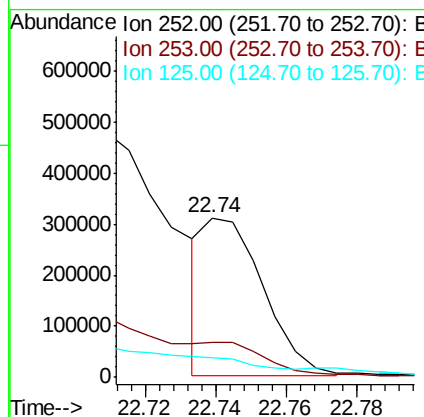
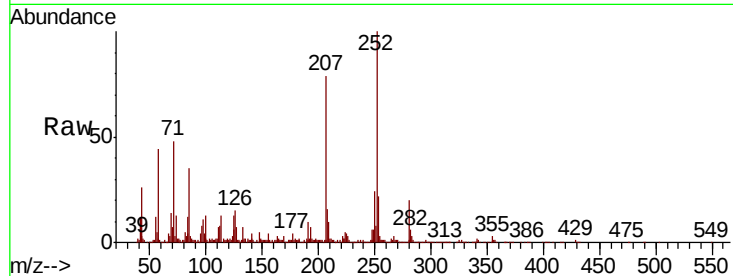
#89
Benzo(k)fluoranthene
Concen: 2.258 ng/ul m
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Instrument :
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ClientSampleId :
CB797

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	12.6	6.9	10.3

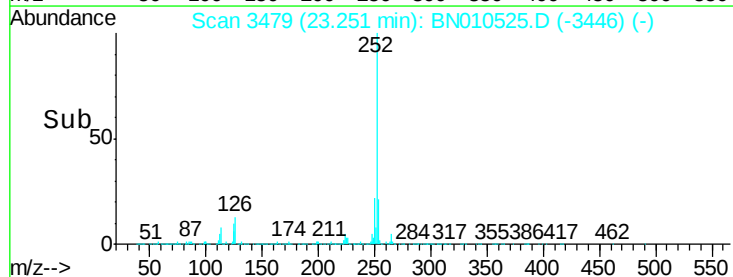
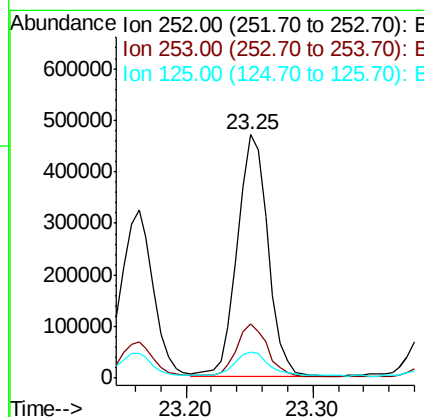
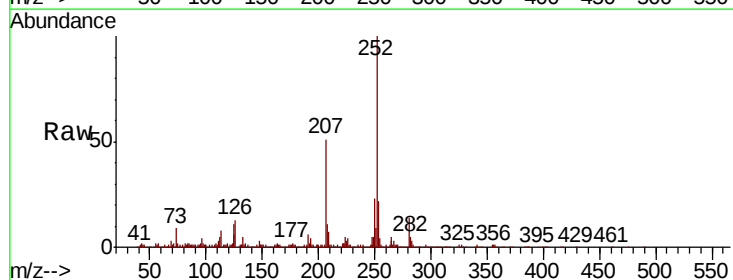
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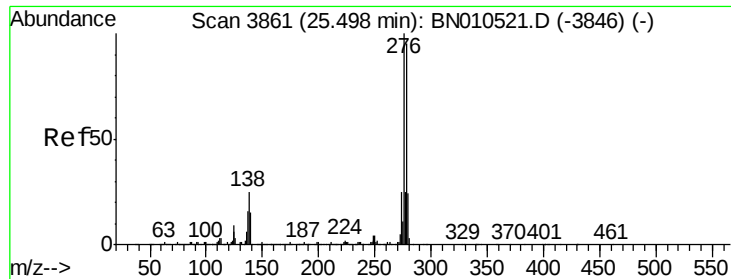
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#91
Benzo(a)pyrene
Concen: 5.407 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	7.8	11.6





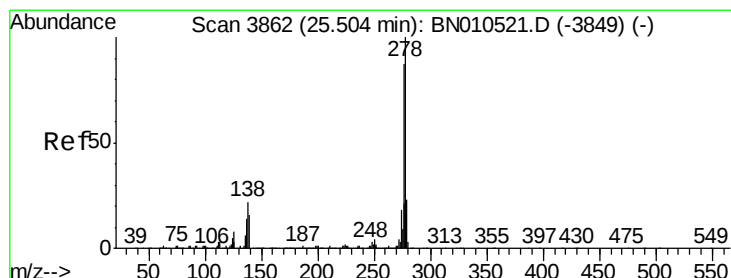
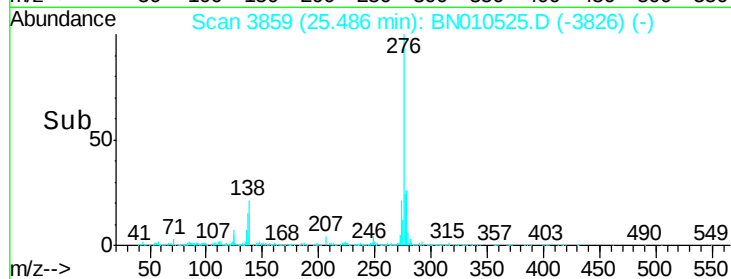
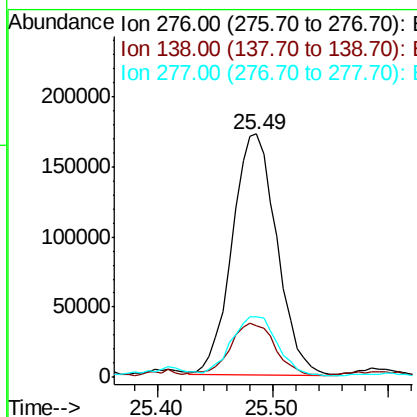
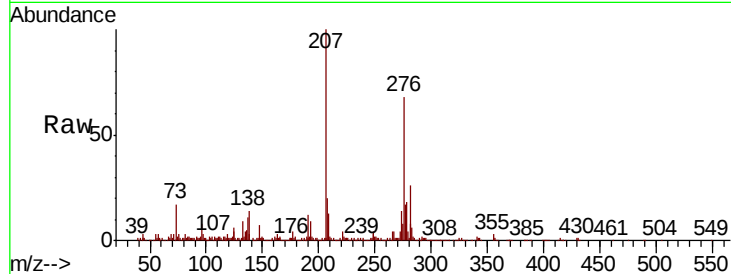
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.848 ng/ul
 RT: 25.49 min Scan# 3859
 Delta R.T. -0.01 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Instrument :
 BNA_N
 ClientSampleId :
 CB797

Tot Ion:	276	Resp:	461504
Ion Ratio	Lower	Upper	
276	100		
138	26.0	18.3	27.5
277	24.6	19.8	29.8

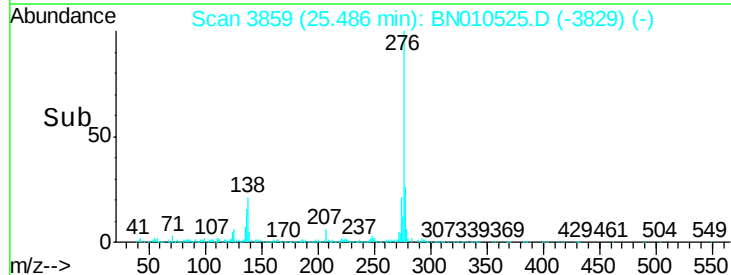
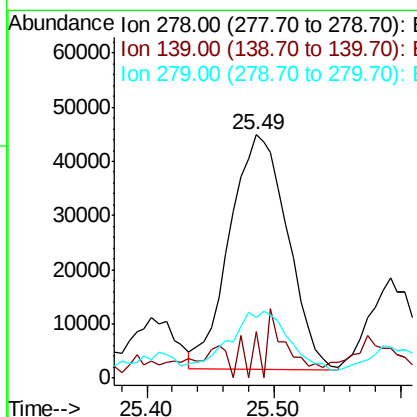
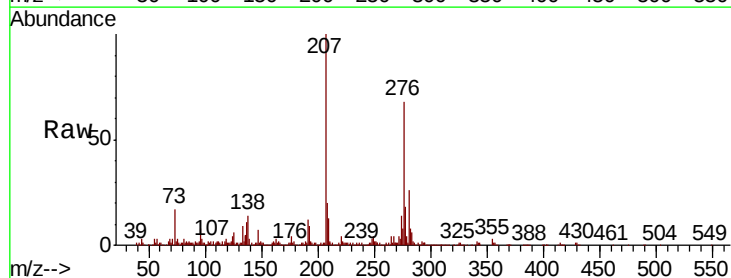
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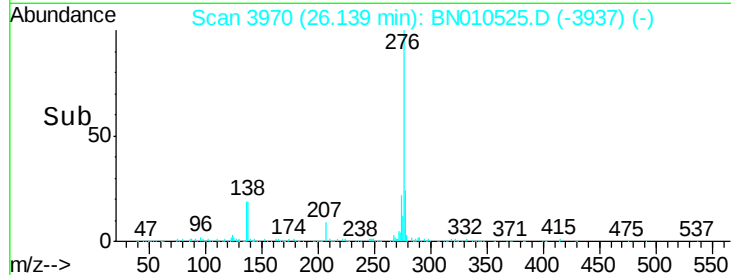
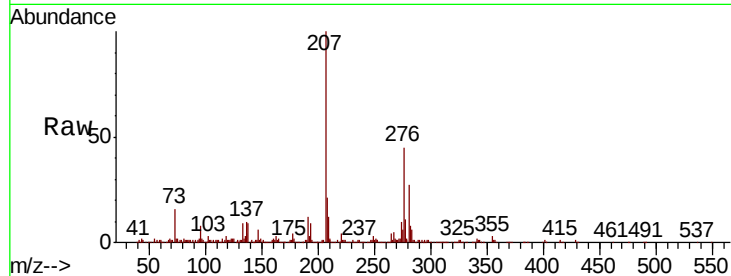
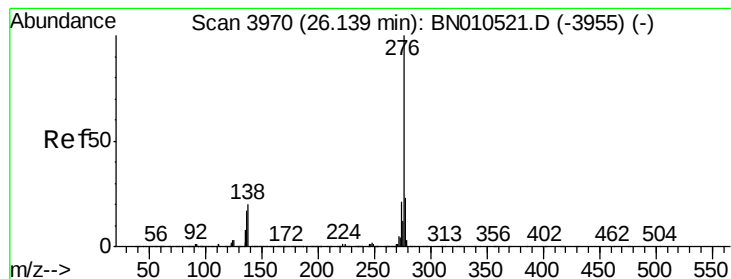
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.008 ng/ul
 RT: 25.49 min Scan# 3859
 Delta R.T. -0.02 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Tgt Ion:	278	Resp:	137250
Ion Ratio	Lower	Upper	
278	100		
139	18.9	11.5	17.3#
279	25.1	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 2.464 ng/ul

RT: 26.14 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

ClientSampleId :

CB797

Tot Ion:	276	Resp:	330534
Ion Ratio	Lower	Upper	
276	100		
138	19.8	14.7	22.1
277	25.1	18.4	27.6

Manual Integrations
APPROVED

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