

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010528.D
 Acq On : 16 Apr 2020 22:10
 Operator : CG/JU
 Sample : L2191-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A6

Manual Integrations
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Quant Time: Apr 17 03:38:34 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	475690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2124341	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1401883	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3196563	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3192558	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2819020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	57593	6.34	ng/uL	0.00
5) Phenol-d5	6.78	99	1282635	34.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	696804	36.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1103312	34.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1113056	35.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	580716	35.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	642044	35.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1196477	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1136029	27.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3848858	37.00	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4689942	36.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	669658	33.07	ng/ul	0.00
58) Fluorene-d10	15.22	176	3458351	37.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	545286	32.66	ng/ul	0.00
71) Anthracene-d10	17.07	188	5308066	35.85	ng/ul	0.00
79) Pyrene-d10	19.37	212	6264590	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5478390	37.47	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.69	163	224248	2.077	ng/ul#	98
70) Phenanthrene	17.01	178	878443	4.949	ng/ul	98
77) Fluoranthene	19.03	202	1614918	8.373	ng/ul	98
80) Pyrene	19.40	202	1361960	5.904	ng/ul	99
83) Benzo(a)anthracene	21.16	228	784514	3.542	ng/ul	98
85) Chrysene	21.21	228	737001	3.539	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	852733	4.636	ng/ul	98
89) Benzo(k)fluoranthene	22.74	252	296200m	1.623	ng/ul	
91) Benzo(a)pyrene	23.25	252	546969	3.347	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	321332	1.747	ng/ul	98
94) Benzo(g,h,i)perylene	26.13	276	231012	1.517	ng/ul	96

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

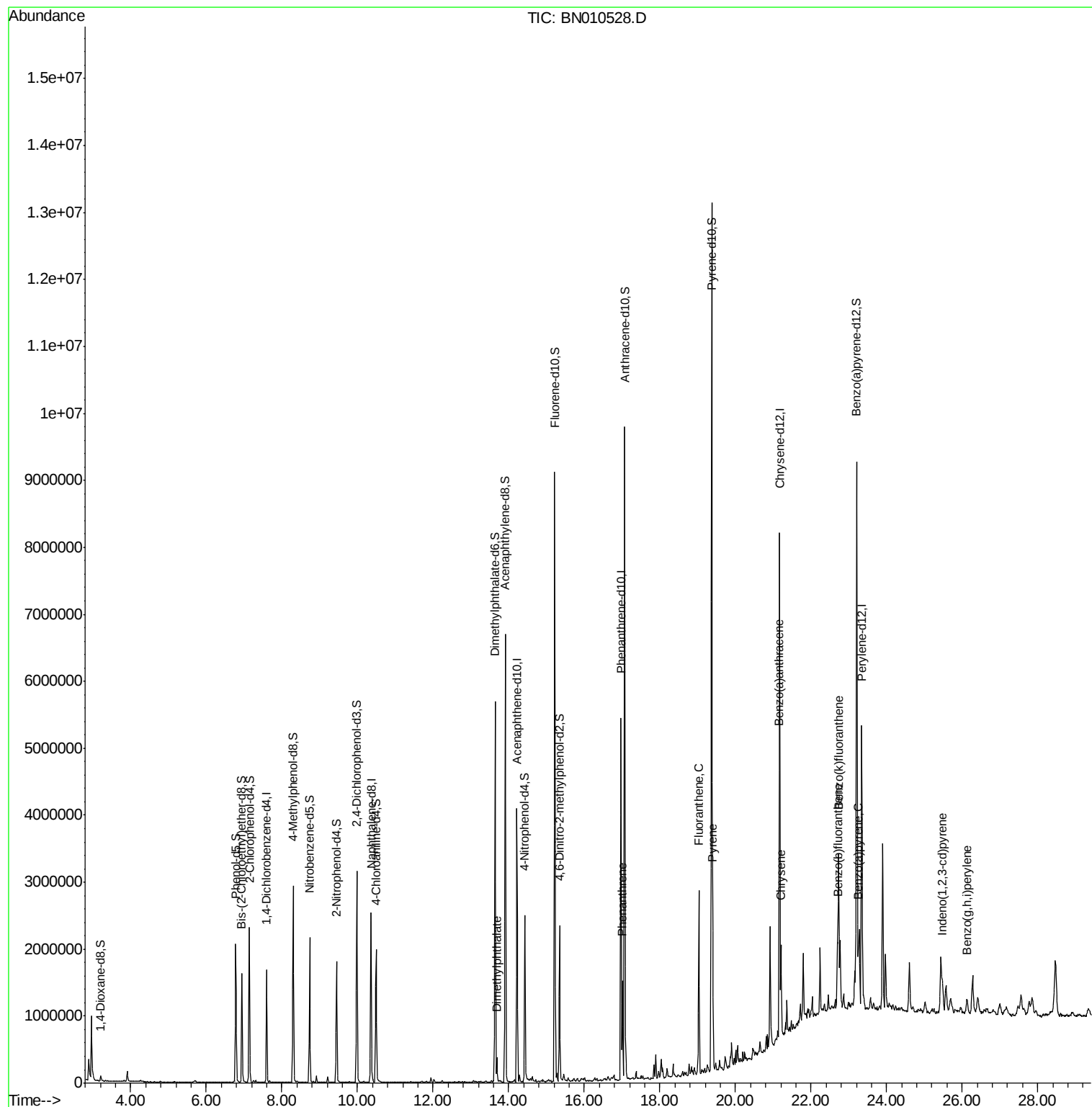
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010528.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2191-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

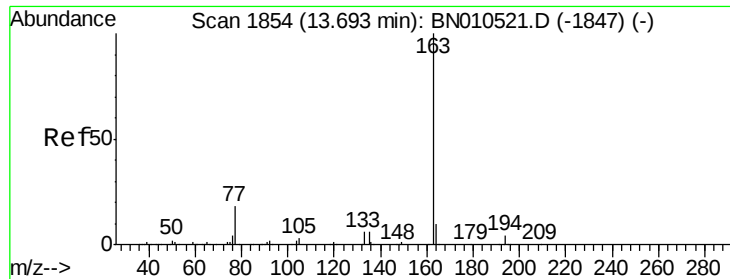
Instrument :
BNA_N
ClientSampleId :
CB7A6

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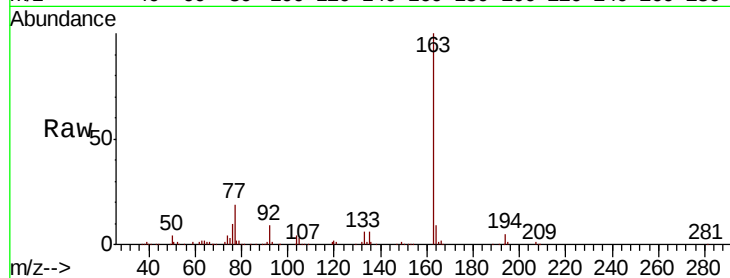
#45
Dimethylphthalate
Concen: 2.077 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Instrument :
BNA_N
ClientSampleId :
CB7A6

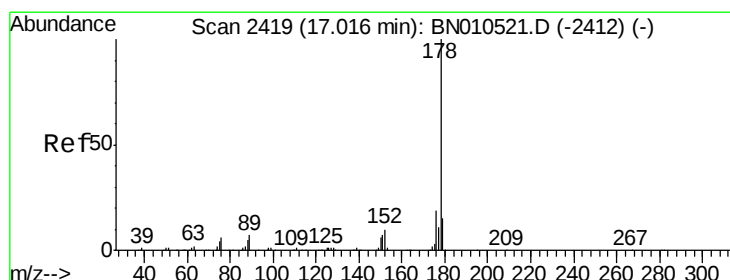
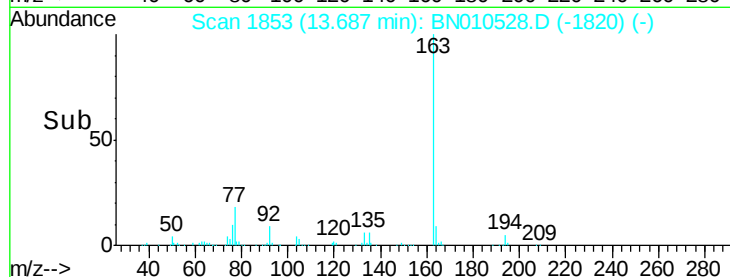
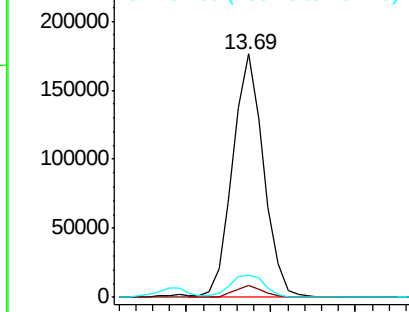
Tot Ion	Ratio	Resp	Lower	Upper
163	100	224248		
194	5.1	3.3	4.9#	
164	9.3	8.0	12.0	

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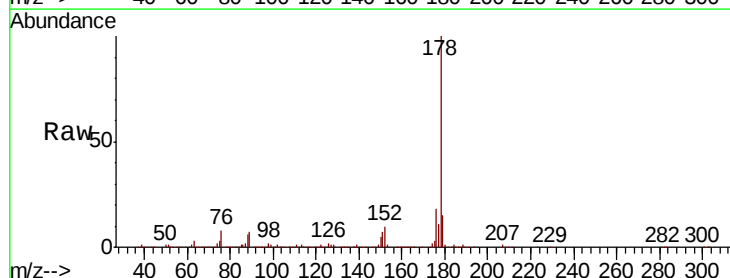


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

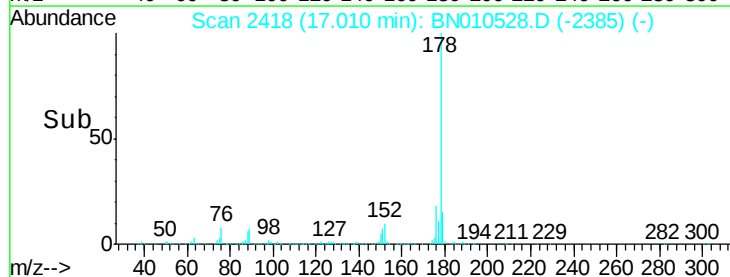
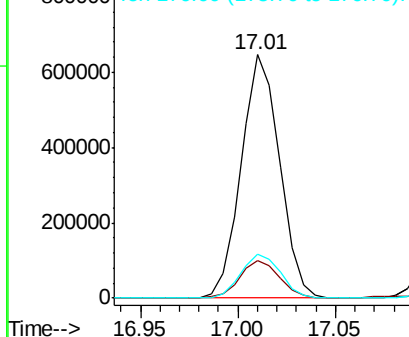


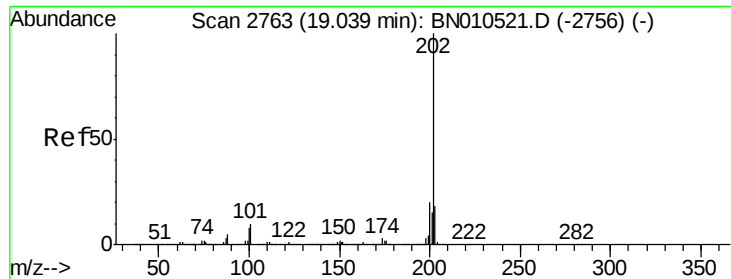
#70
Phenanthrene
Concen: 4.949 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	878443		
179	15.2	11.4	17.2	
176	18.0	15.3	22.9	



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





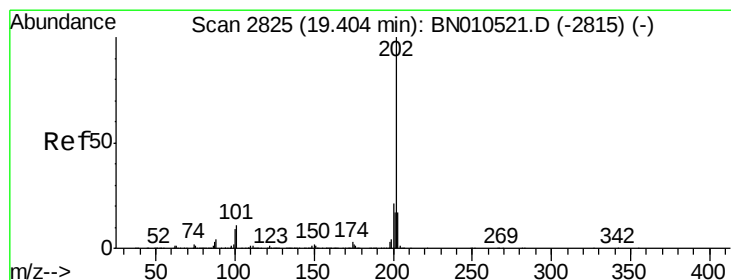
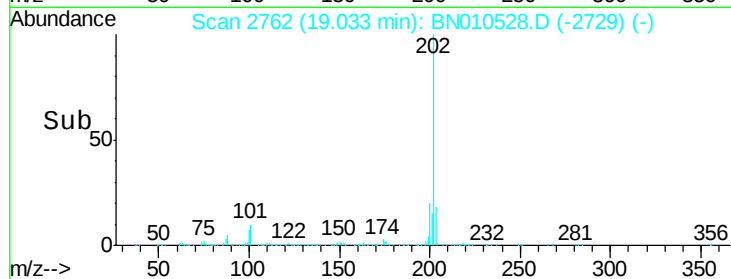
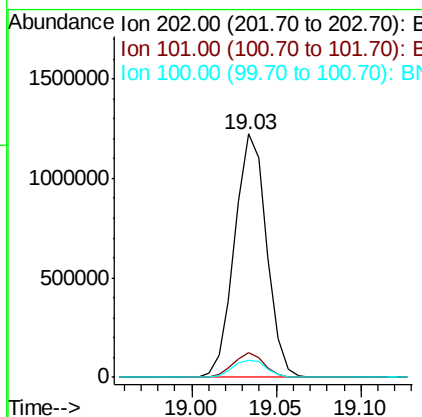
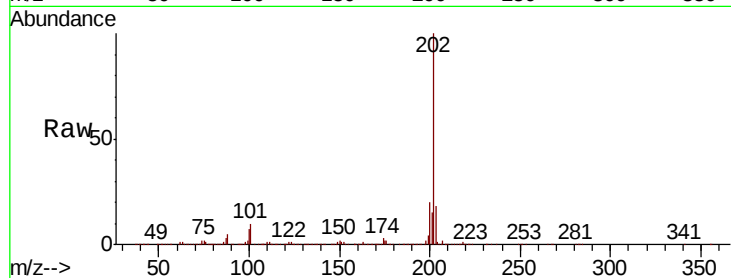
#77
Fluoranthene
 Concen: 8.373 ng/ul
 RT: 19.03 min Scan# 2762
 Delta R.T. -0.01 min
 Lab File: BN010528.D
 Acq: 16 Apr 2020 22:10

Instrument :
 BNA_N
 ClientSampleId :
 CB7A6

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	7.2	5.5	8.3

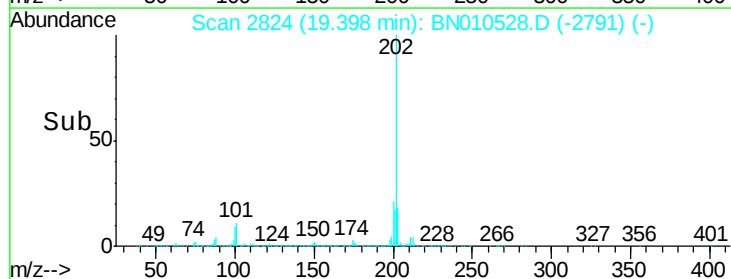
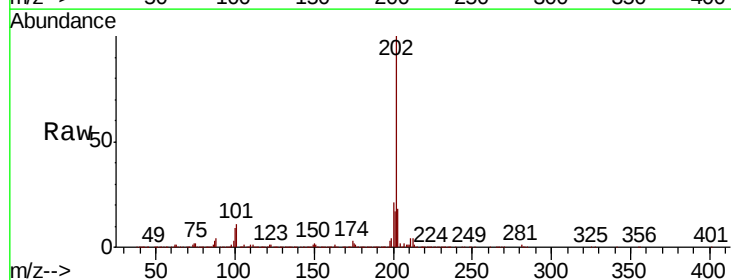
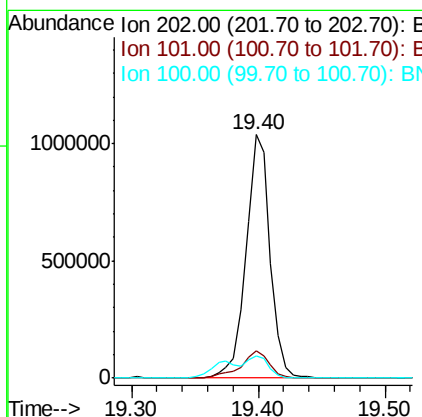
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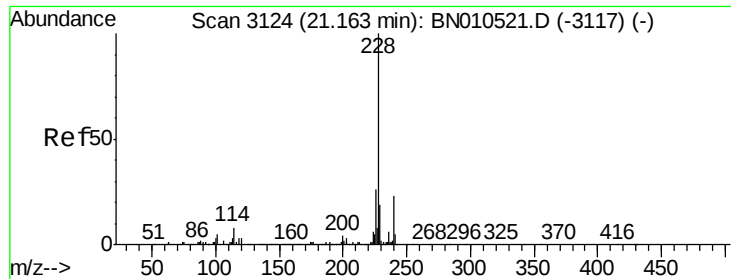
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#80
Pyrene
 Concen: 5.904 ng/ul
 RT: 19.40 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BN010528.D
 Acq: 16 Apr 2020 22:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.6	13.0
100	9.4	7.0	10.6





#83

Benzo(a)anthracene

Concen: 3.542 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

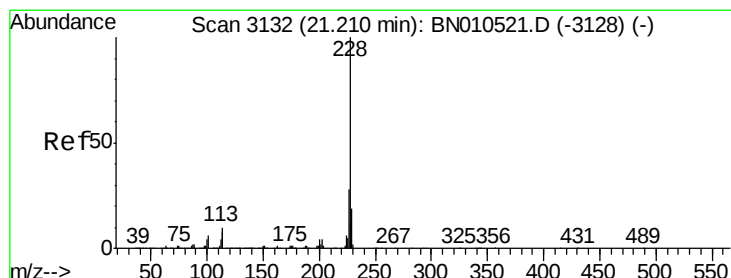
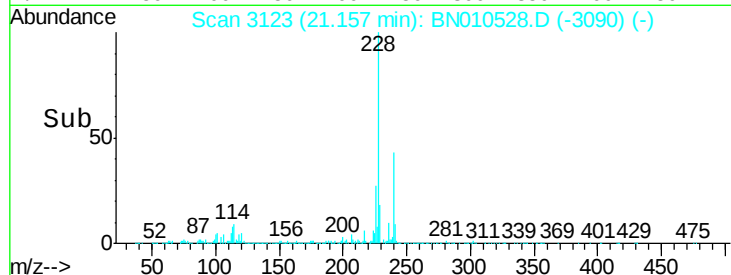
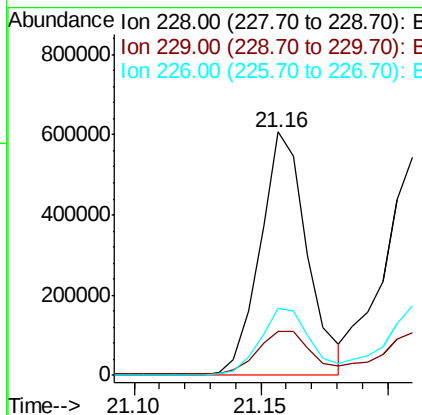
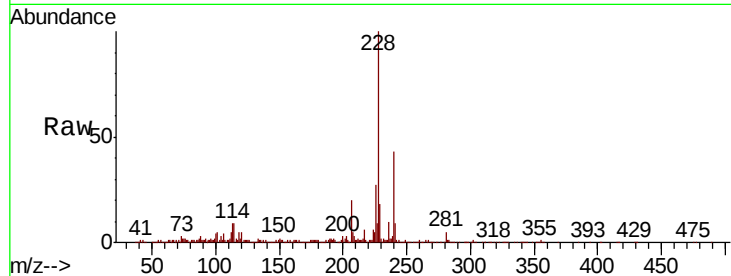
ClientSampleId :

CB7A6

Tot Ion:228	Resp:	784514
Ion Ratio	Lower	Upper
228	100	
229	18.2	16.0 24.0
226	27.4	21.4 32.2

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#85

Chrysene

Concen: 3.539 ng/ul

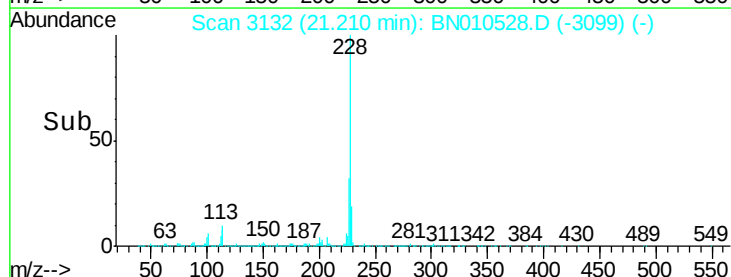
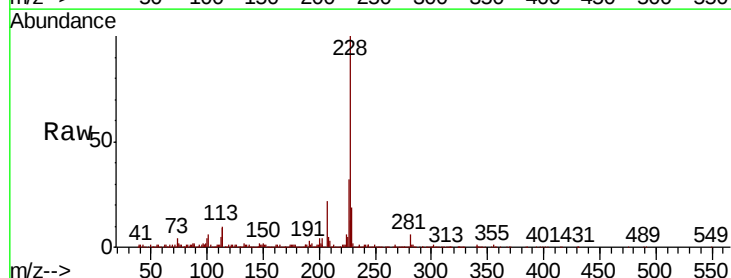
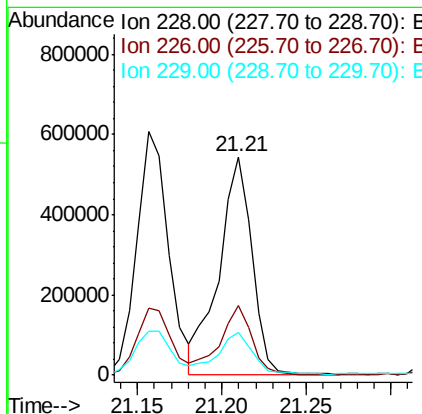
RT: 21.21 min Scan# 3132

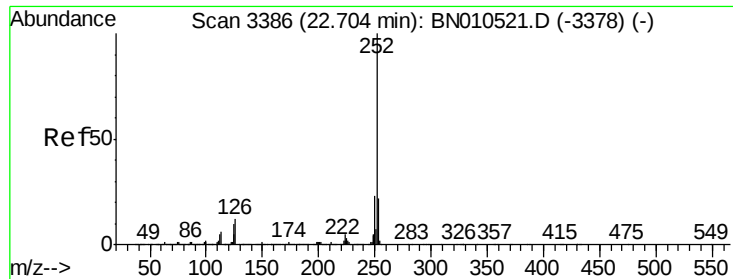
Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Tgt Ion:228	Resp:	737001
Ion Ratio	Lower	Upper
228	100	
226	31.8	23.0 34.6
229	19.4	15.0 22.4





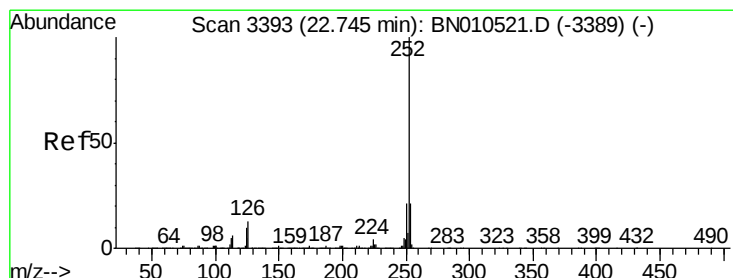
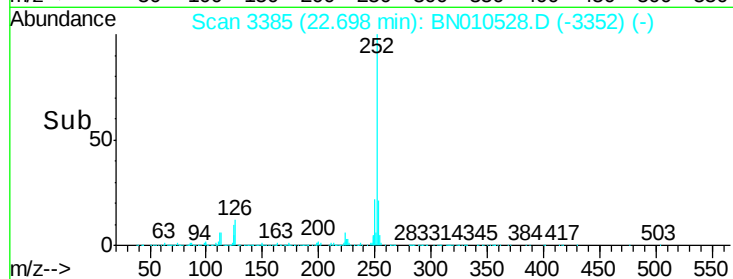
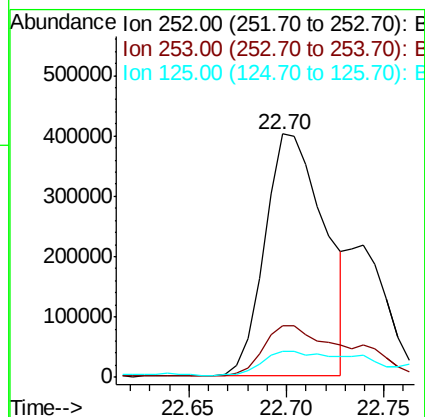
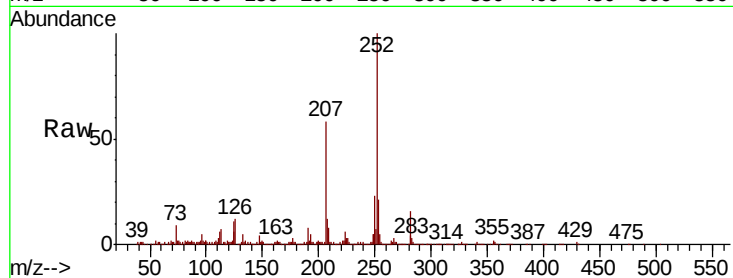
#88
Benzo(b)fluoranthene
Concen: 4.636 ng/ul
RT: 22.70 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Instrument :
BNA_N
ClientSampleId :
CB7A6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.7	25.1
125	10.8	7.2	10.8

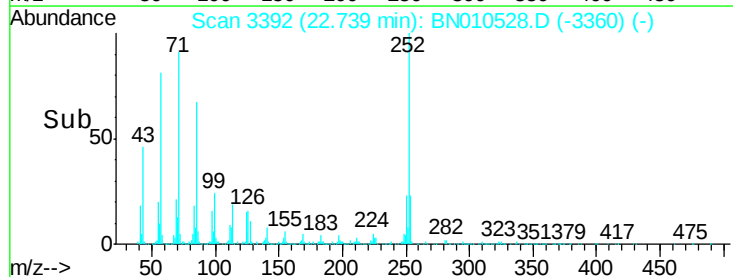
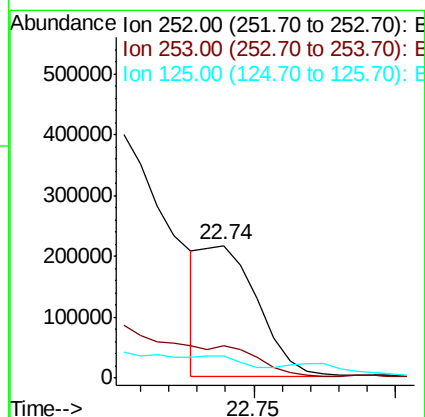
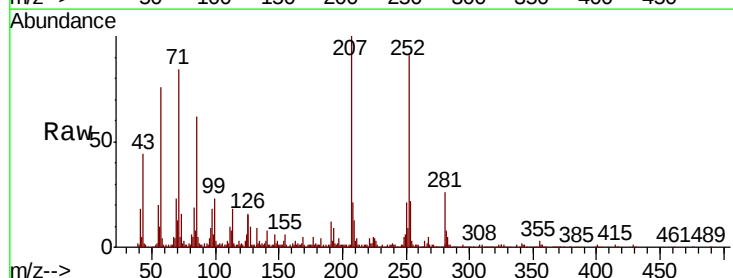
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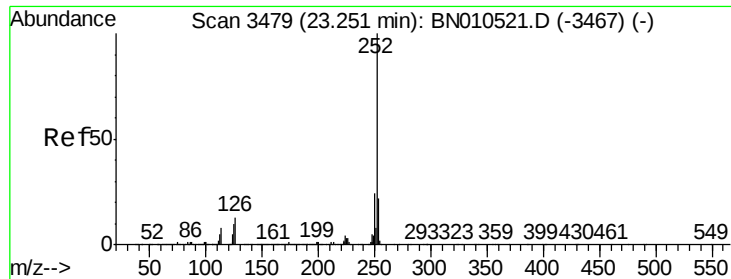
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#89
Benzo(k)fluoranthene
Concen: 1.623 ng/ul m
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	16.6	6.9	10.3#





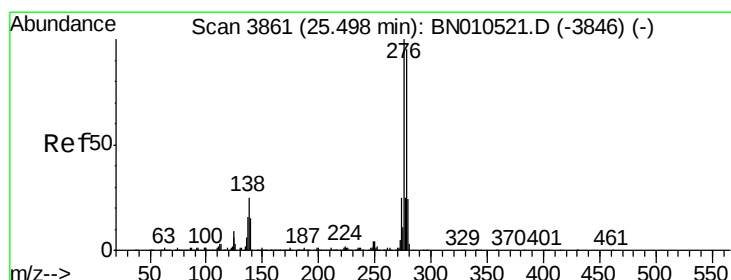
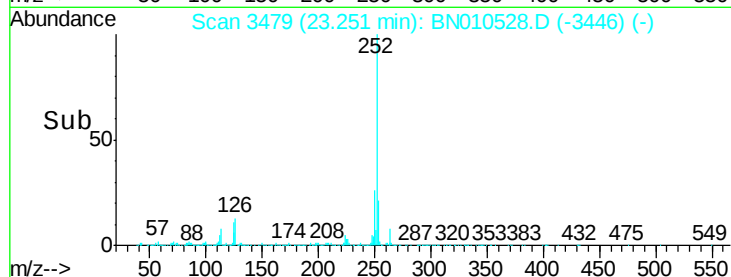
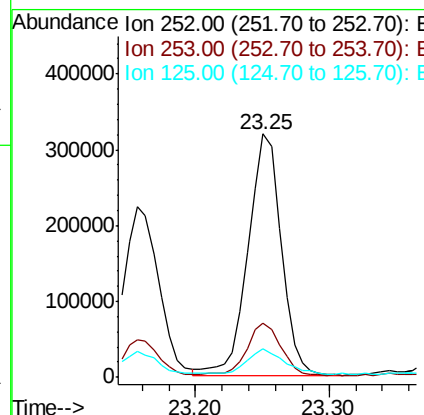
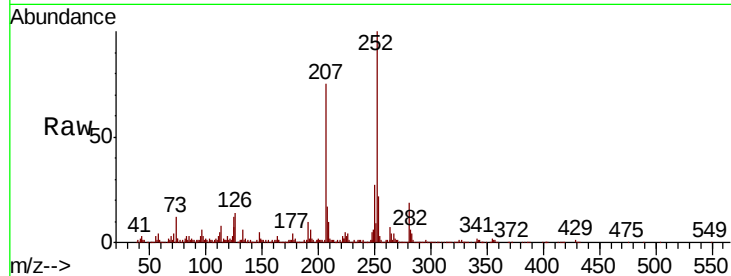
#91
Benzo(a)pyrene
Concen: 3.347 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Instrument :
BNA_N
ClientSampled :
CB7A6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.8	7.8	11.6

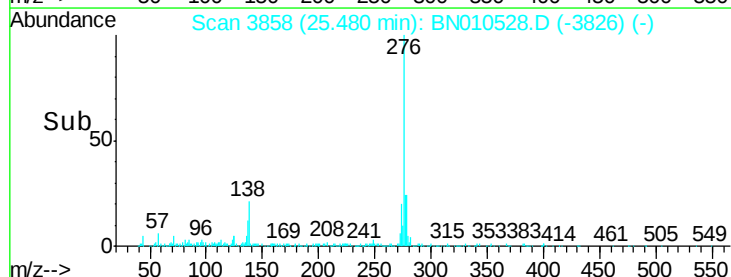
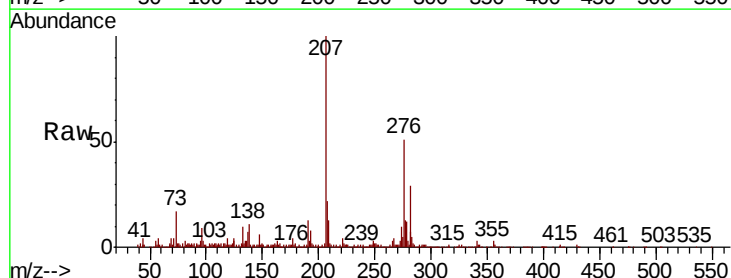
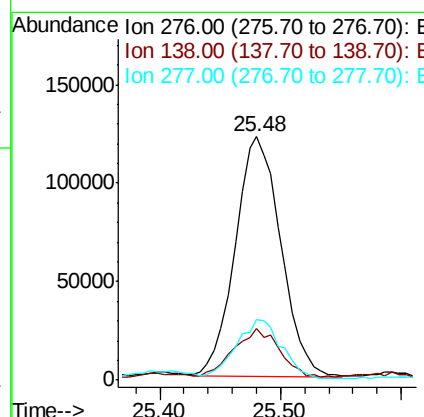
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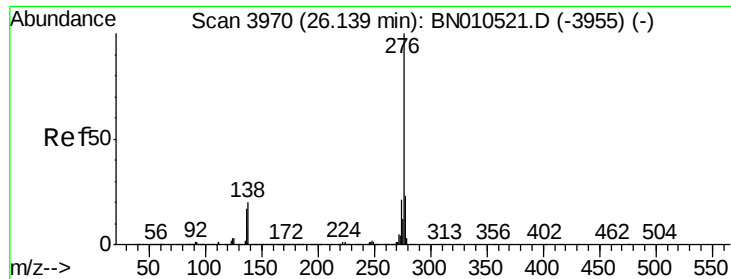
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.747 ng/ul
RT: 25.48 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BN010528.D
Acq: 16 Apr 2020 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.3	27.5
277	25.1	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 1.517 ng/ul

RT: 26.13 min Scan# 3969

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

Tot Ion:	276	Resp:	231012
Ion Ratio	Lower	Upper	
276	100		
138	20.4	14.7	22.1
277	21.0	18.4	27.6

Manual Integrations
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