

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010530.D
 Acq On : 16 Apr 2020 23:29
 Operator : CG/JU
 Sample : L2191-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A5

Quant Time: Apr 17 01:08:26 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	7.59	152	516522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2227539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1438497	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3218111	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3092886	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2726588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	61182	6.20	ng/uL	0.00
5) Phenol-d5	6.78	99	1322175	32.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	720815	34.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1146177	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1169666	34.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	585634	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	674511	35.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1224067	32.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1521221	35.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4013277	37.60	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4744571	36.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	689833	33.20	ng/ul	0.00
58) Fluorene-d10	15.22	176	3464403	36.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	577337	34.34	ng/ul	0.00
71) Anthracene-d10	17.07	188	5485758	36.80	ng/ul	0.00
79) Pyrene-d10	19.37	212	6334290	36.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5357531	37.88	ng/ul	0.00

Target Compounds

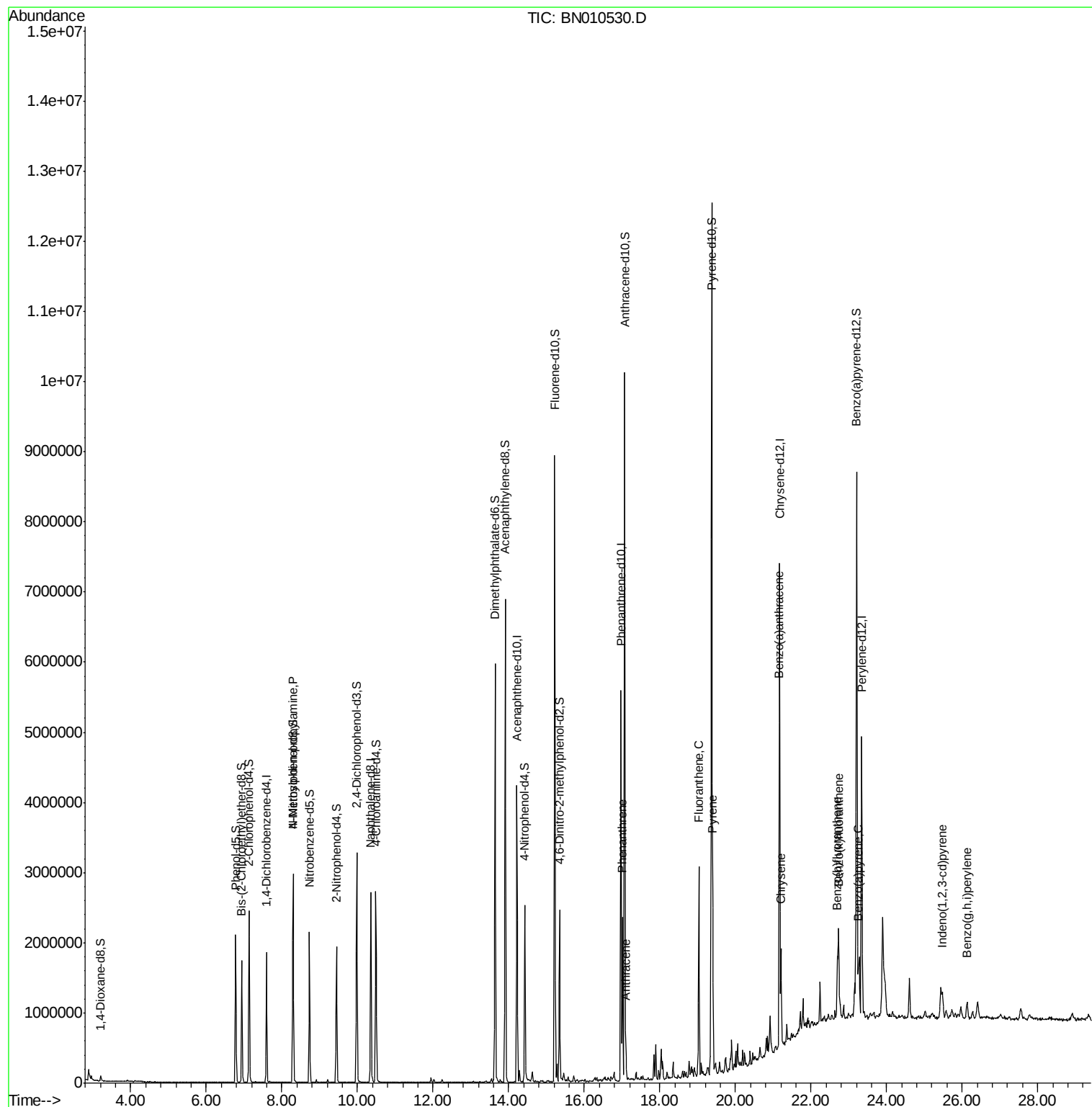
				Ovalue	
15) N-Nitroso-di-n-propylamine	8.29	70	30494	1.225	ng/ul# 1
70) Phenanthrene	17.01	178	1357807	7.598	ng/ul 99
72) Anthracene	17.10	178	266694	1.472	ng/ul 98
77) Fluoranthene	19.03	202	1743248	8.978	ng/ul 98
80) Pyrene	19.40	202	1576506	7.055	ng/ul 98
83) Benzo(a)anthracene	21.16	228	817672	3.811	ng/ul 99
85) Chrysene	21.21	228	752628	3.731	ng/ul 99
88) Benzo(b)fluoranthene	22.70	252	764831	4.299	ng/ul 96
89) Benzo(k)fluoranthene	22.74	252	263177	1.491	ng/ul# 97
91) Benzo(a)pyrene	23.25	252	436826	2.763	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	25.48	276	306442	1.722	ng/ul 95
94) Benzo(g,h,i)perylene	26.13	276	271887	1.846	ng/ul 98

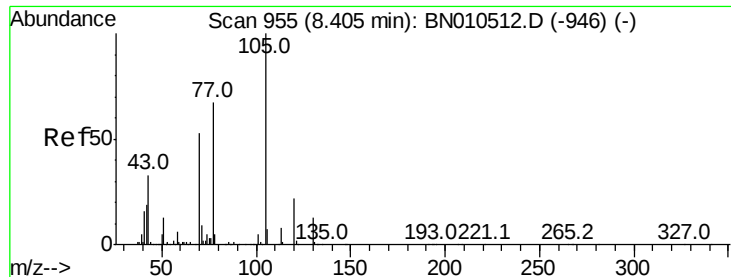
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 1.225 ng/ul

RT: 8.29 min Scan# 936

Delta R.T. -0.11 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_N

ClientSampleId :

CB7A5

Tot Ion: 70 Resp: 30494

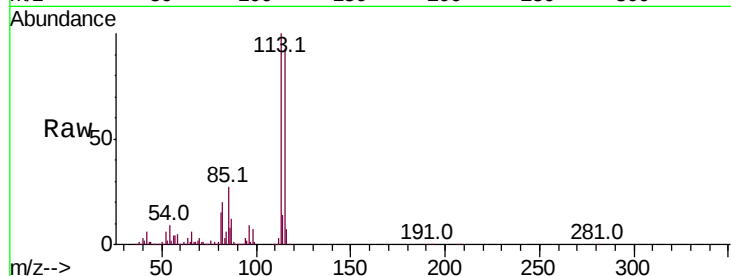
Ion Ratio Lower Upper

70 100

42 236.8 26.6 39.8#

101 0.0 8.4 12.6#

130 0.0 19.7 29.5#

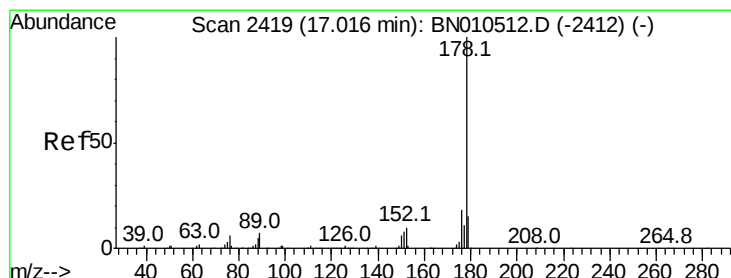
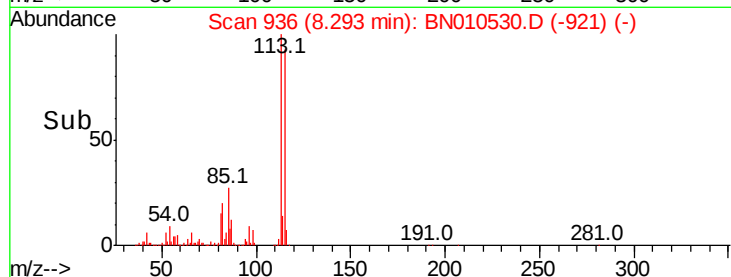
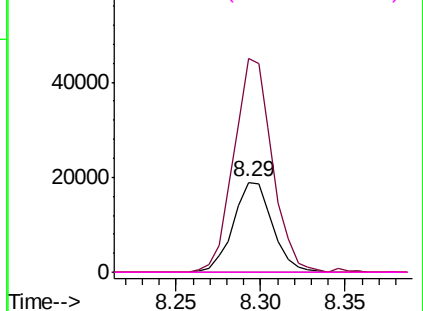


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#70

Phenanthrene

Concen: 7.598 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

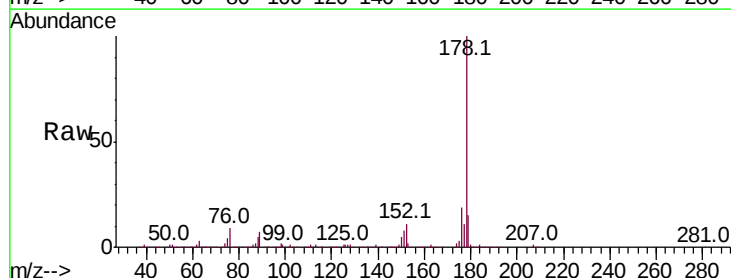
Tgt Ion:178 Resp: 1357807

Ion Ratio Lower Upper

178 100

179 15.3 11.4 17.2

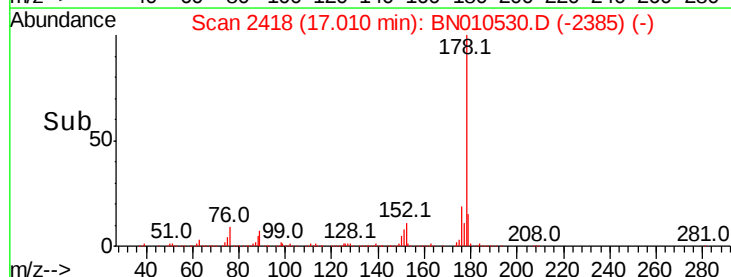
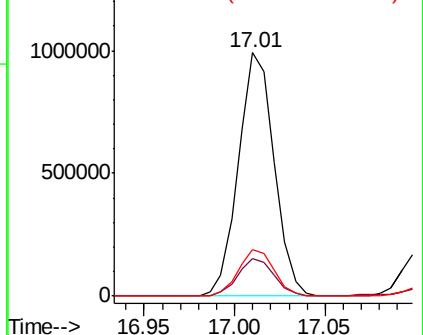
176 19.0 15.3 22.9

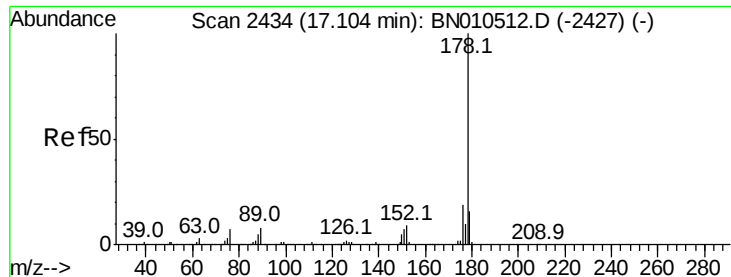


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.472 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Instrument :

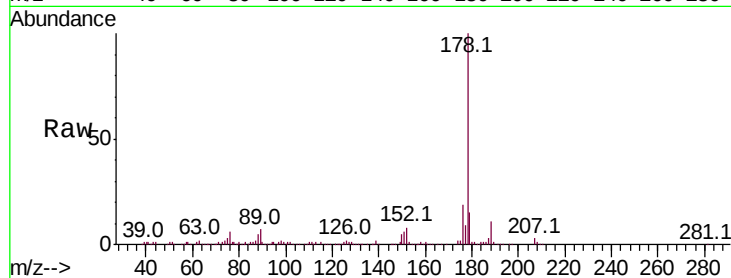
BNA_N

ClientSampleId :

CB7A5

Tot Ion:178 Resp: 266694

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	19.3	14.2	21.4

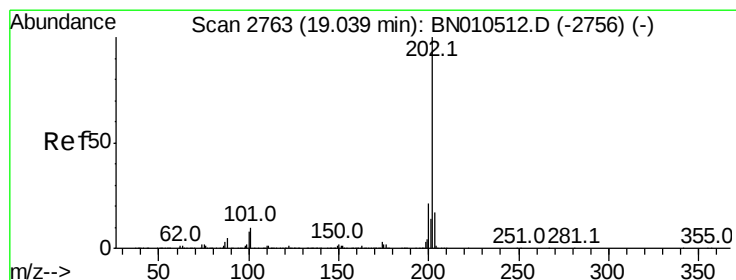
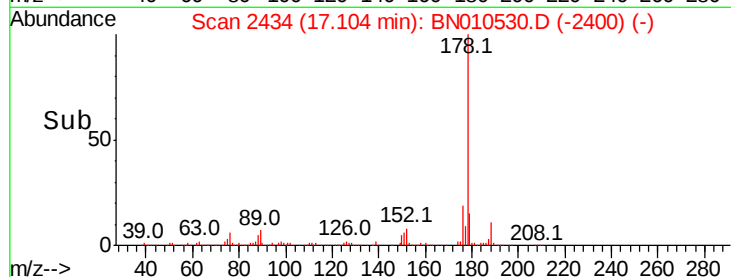
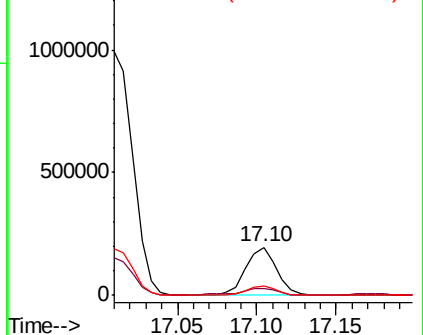


Abundance

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: 8.978 ng/ul

RT: 19.03 min Scan# 2762

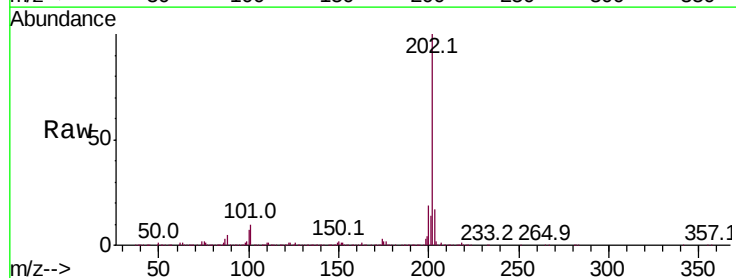
Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Tgt Ion:202 Resp: 1743248

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	7.3	5.5	8.3

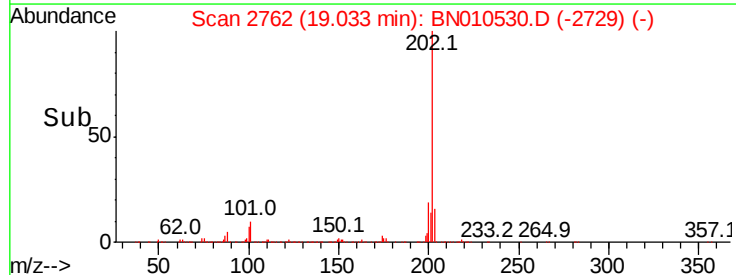
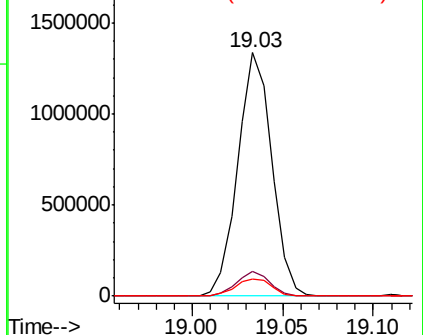


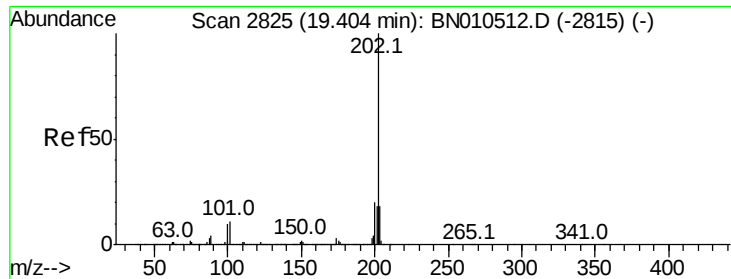
Abundance

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: 7.055 ng/ul

RT: 19.40 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_N

ClientSampleId :

CB7A5

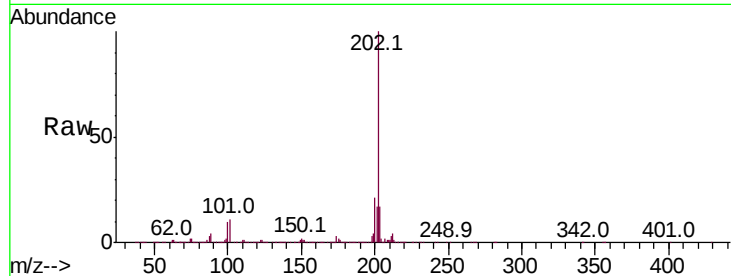
Tot Ion:202 Resp: 1576506

Ion Ratio Lower Upper

202 100

101 11.4 8.6 13.0

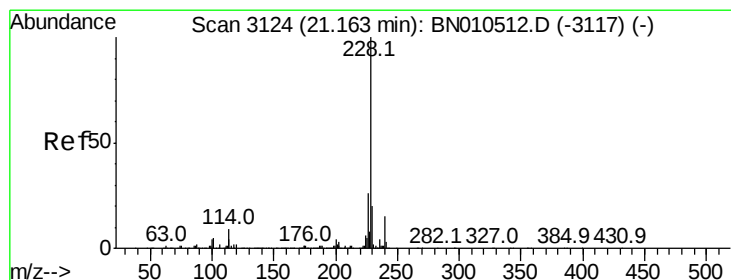
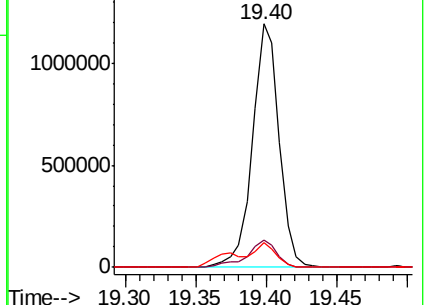
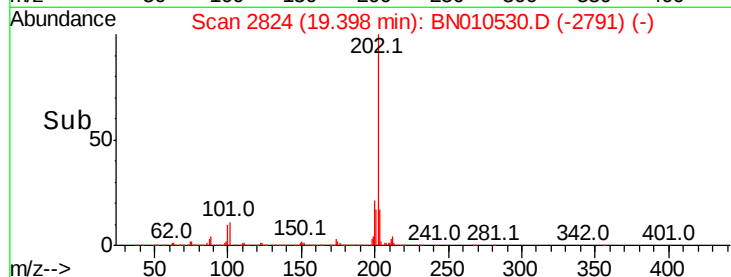
100 10.0 7.0 10.6



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: 3.811 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

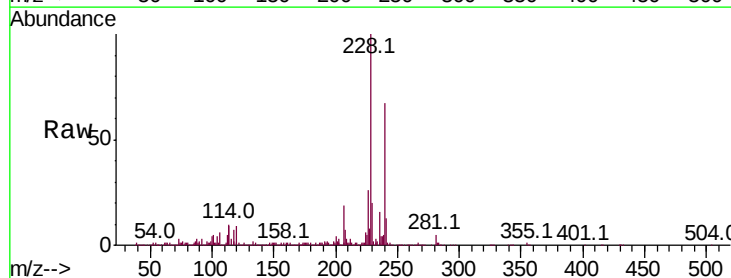
Tgt Ion:228 Resp: 817672

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

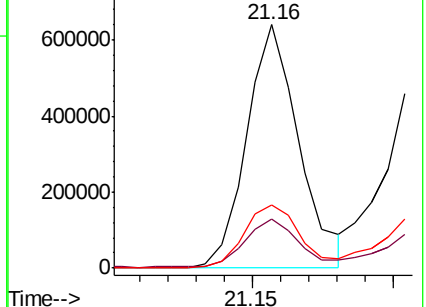
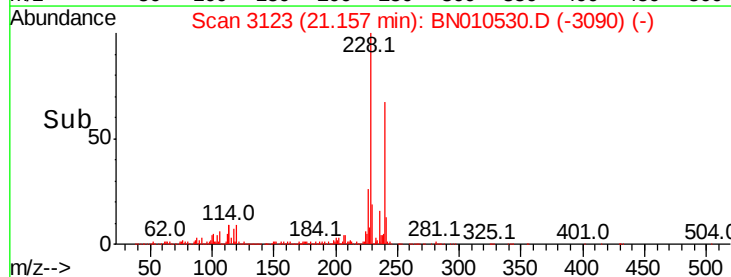
226 26.1 21.4 32.2

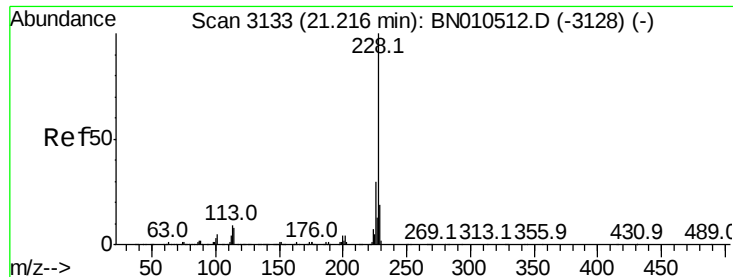


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 3.731 ng/ul

RT: 21.21 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_N

ClientSampled :

CB7A5

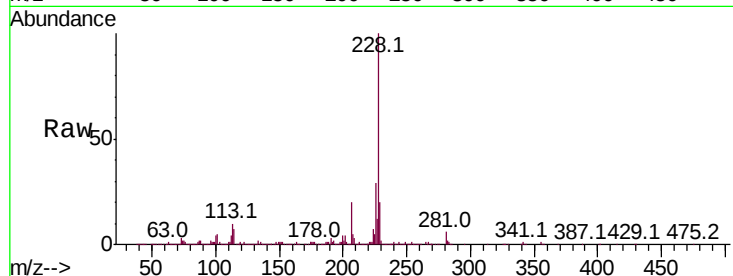
Tot Ion:228 Resp: 752628

Ion Ratio Lower Upper

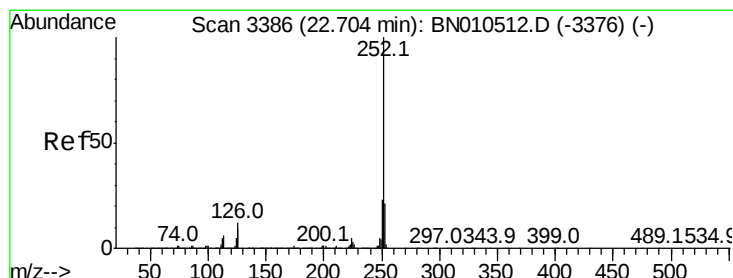
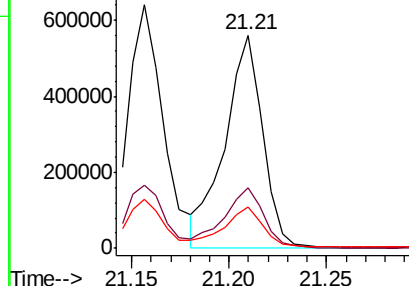
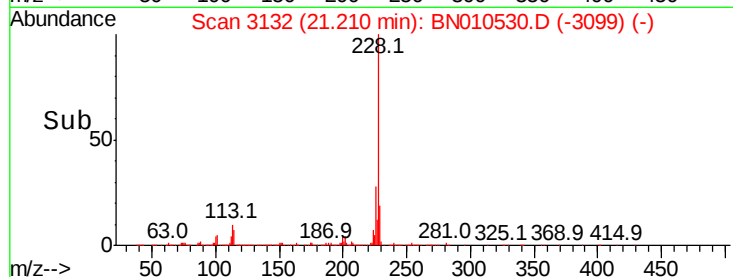
228 100

226 28.5 23.0 34.6

229 19.5 15.0 22.4



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: 4.299 ng/ul

RT: 22.70 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

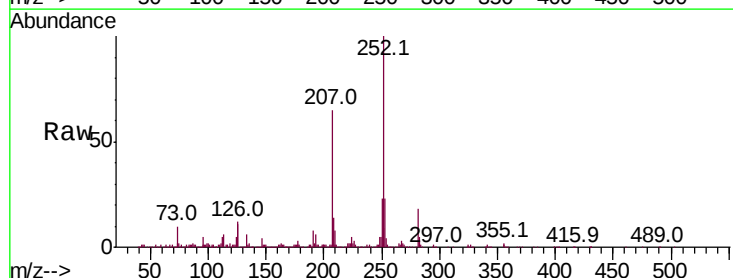
Tgt Ion:252 Resp: 764831

Ion Ratio Lower Upper

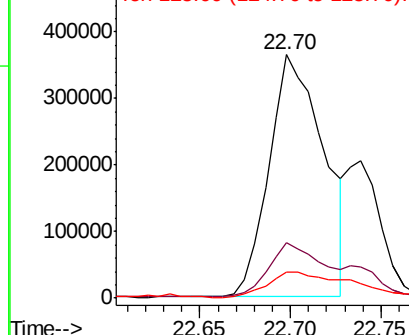
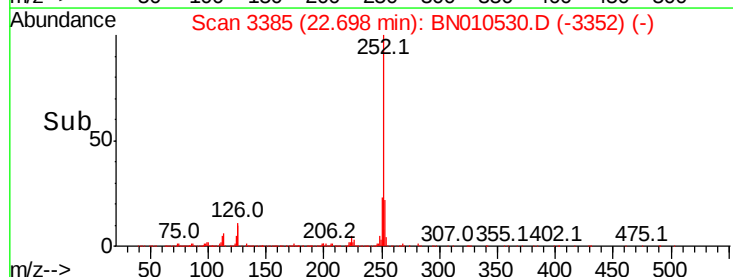
252 100

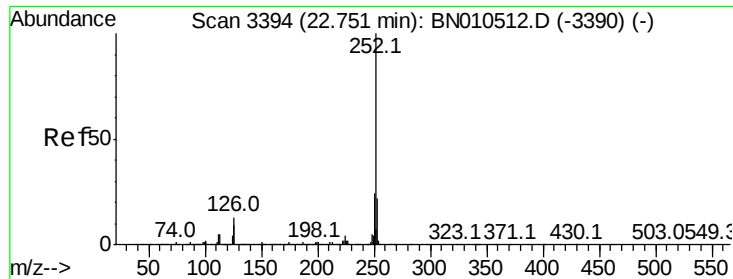
253 22.5 16.7 25.1

125 10.8 7.2 10.8



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: 1.491 ng/ul

RT: 22.74 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

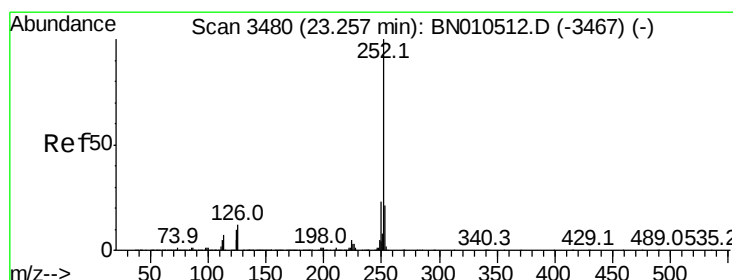
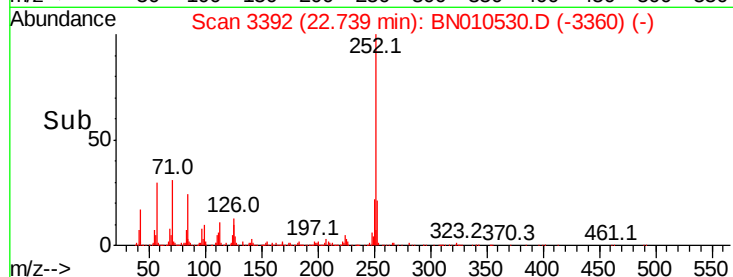
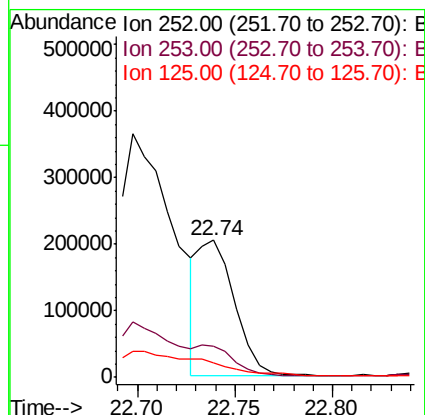
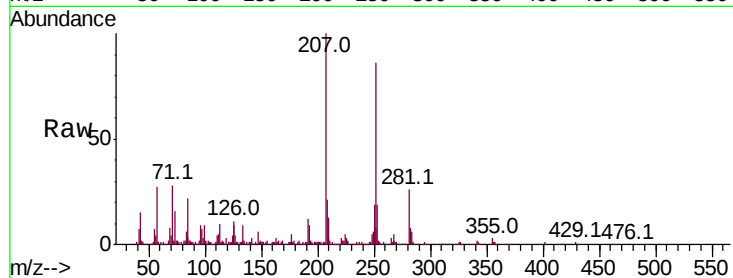
Instrument :

BNA_N

ClientSampled :

CB7A5

Tot Ion:	252	Resp:	263177
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	10.7	6.9	10.3#



#91

Benzo(a)pyrene

Concen: 2.763 ng/ul

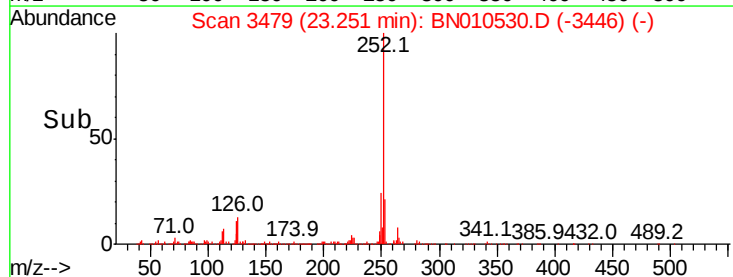
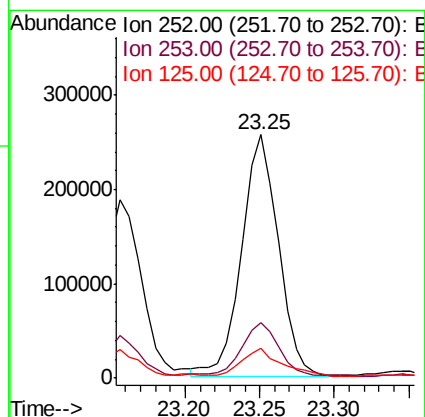
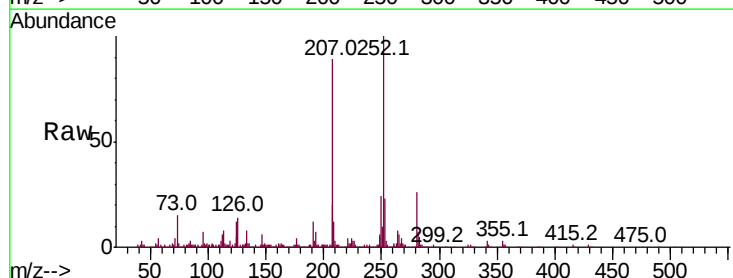
RT: 23.25 min Scan# 3479

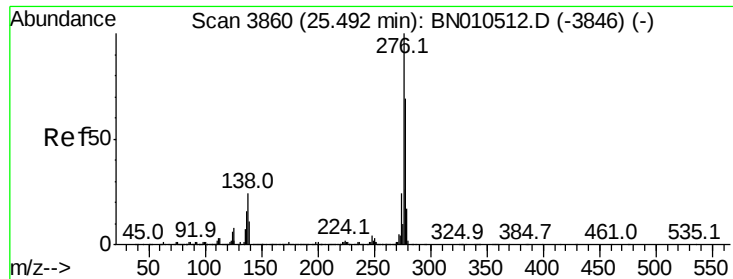
Delta R.T. -0.01 min

Lab File: BN010530.D

Acq: 16 Apr 2020 23:29

Tgt Ion:	252	Resp:	436826
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	12.3	7.8	11.6#



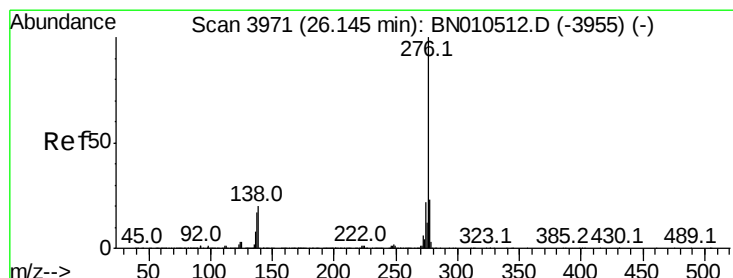
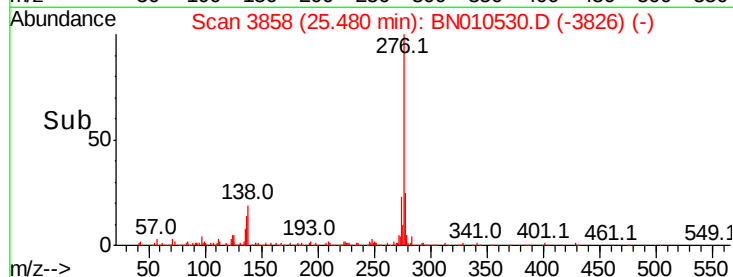
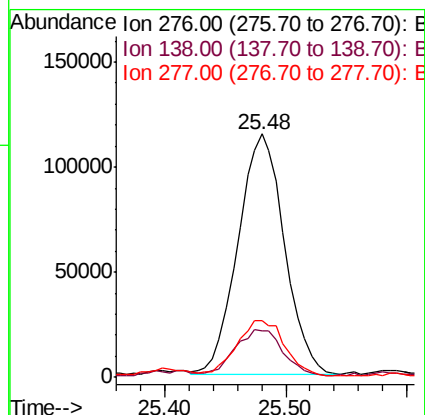
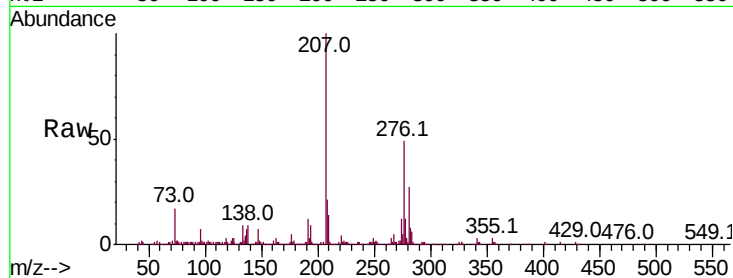


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng/ul
RT: 25.48 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.3	27.5
277	23.5	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 1.846 ng/ul
RT: 26.13 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	14.7	22.1
277	22.9	18.4	27.6

