

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009962.D
 Acq On : 27 Feb 2020 13:28
 Operator : CG/JU
 Sample : L1543-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 01:14:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	82713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	365582	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	232849	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	517601	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	507749	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	511357	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	9857	4.90	ng/uL	0.00
5) Phenol-d5	6.59	99	202384	28.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	145297	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	163066	30.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	160375	28.66	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	78994	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	87241	29.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	156914	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	167217	26.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	532104	30.59	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	615994	30.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	70357	22.15	ng/ul	0.00
58) Fluorene-d10	15.03	176	465029	30.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	66011	20.53	ng/ul	0.00
71) Anthracene-d10	16.88	188	733063	30.90	ng/ul	0.00
79) Pyrene-d10	19.19	212	832277	31.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	831042	32.54	ng/ul	0.00

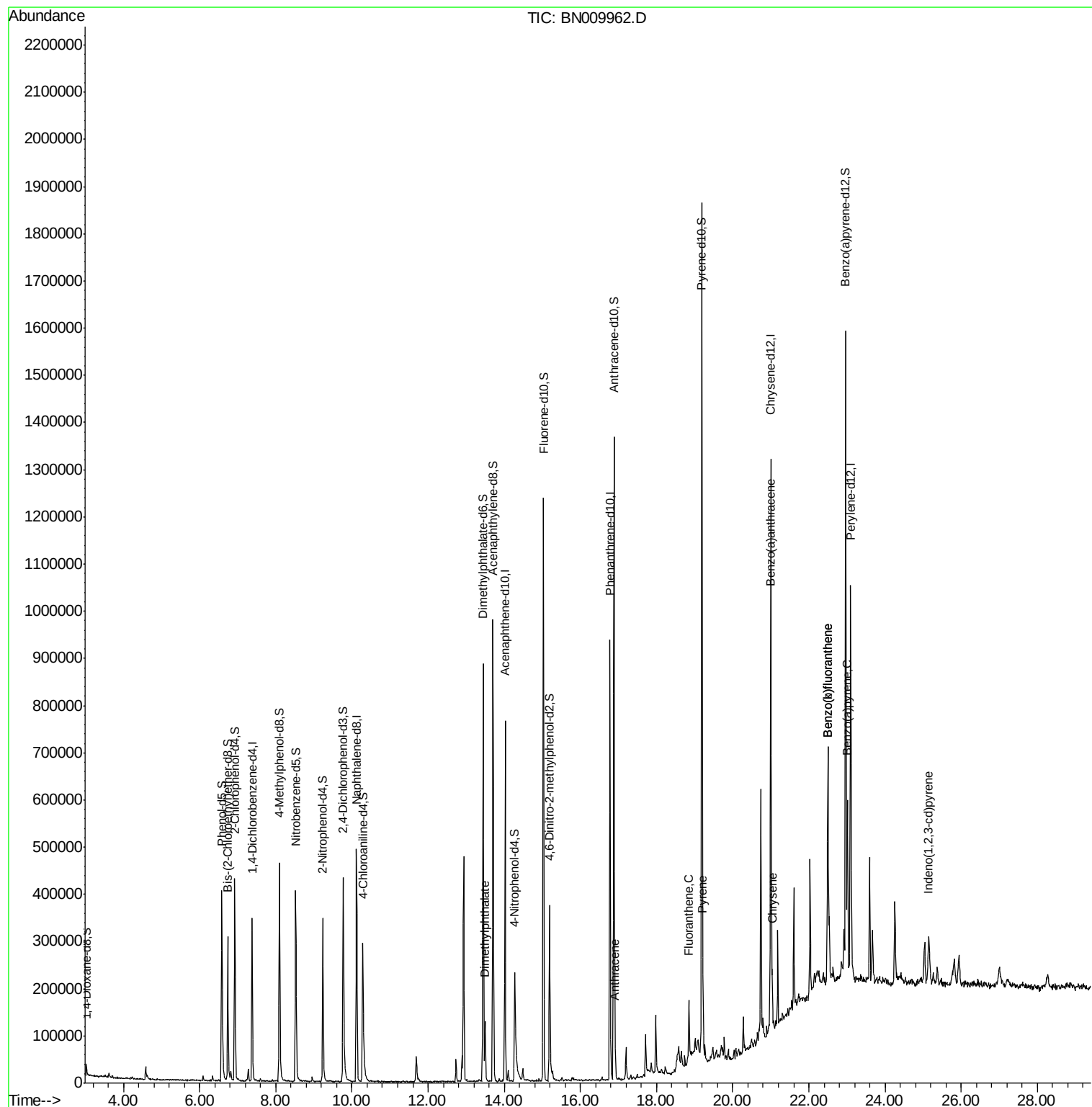
Target Compounds				Ovalue		
45) Dimethylphthalate	13.50	163	78775	4.341	ng/ul	98
72) Anthracene	16.92	178	32731	1.084	ng/ul	94
77) Fluoranthene	18.85	202	66358	1.918	ng/ul	98
80) Pyrene	19.22	202	96647	2.640	ng/ul	99
83) Benzo(a)anthracene	20.99	228	54980	1.576	ng/ul	96
85) Chrysene	21.03	228	75120	2.187	ng/ul	94
88) Benzo(b)fluoranthene	22.49	252	141811	4.277	ng/ul	97
89) Benzo(k)fluoranthene	22.49	252	141811	4.517	ng/ul	99
91) Benzo(a)pyrene	23.01	252	48671	1.632	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.14	276	41149	1.162	ng/ul	95

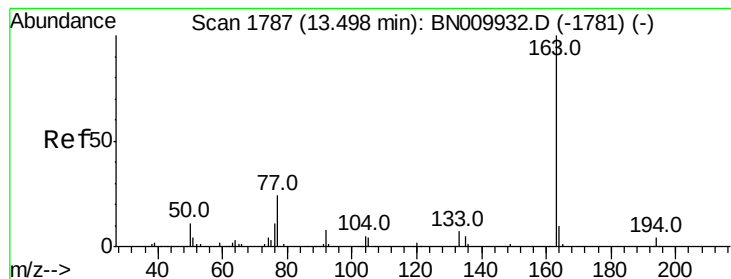
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.341 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

Instrument :

BNA_N

ClientSampleId :

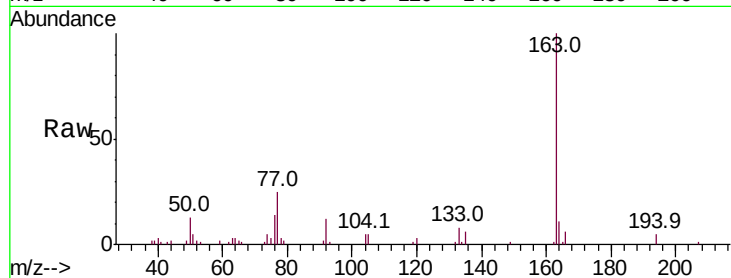
Tot Ion:163 Resp: 78775

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

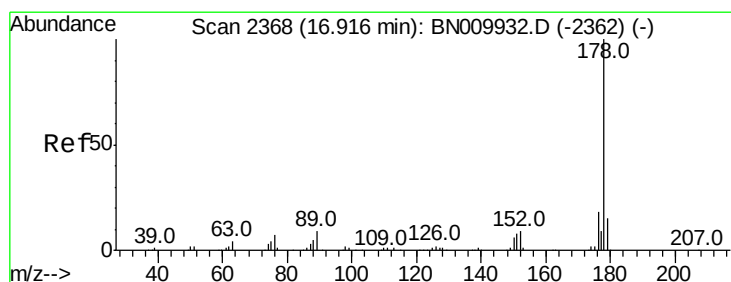
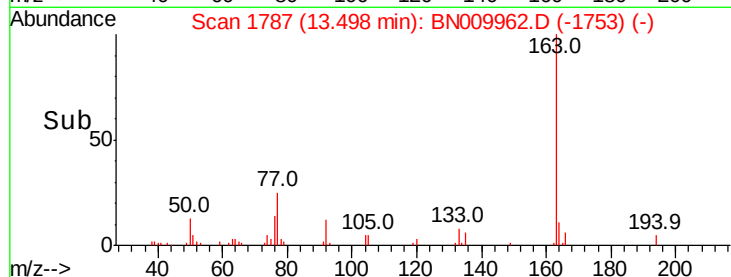
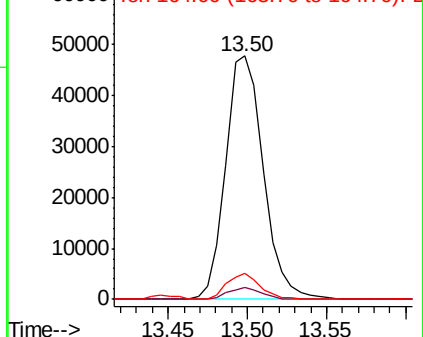
164 10.7 8.0 12.0



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



#72

Anthracene

Concen: 1.084 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

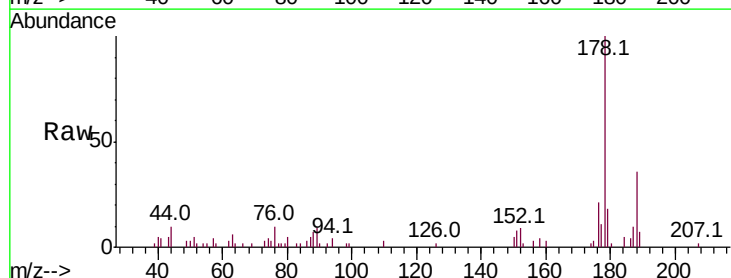
Tgt Ion:178 Resp: 32731

Ion Ratio Lower Upper

178 100

179 18.0 12.2 18.2

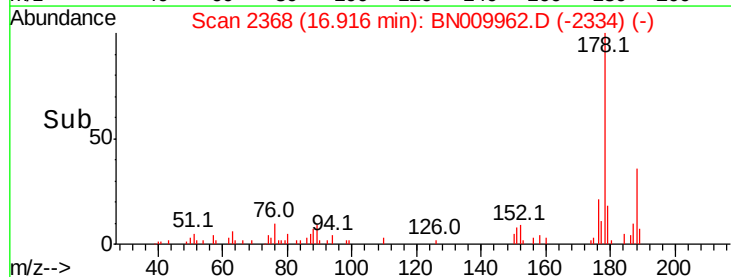
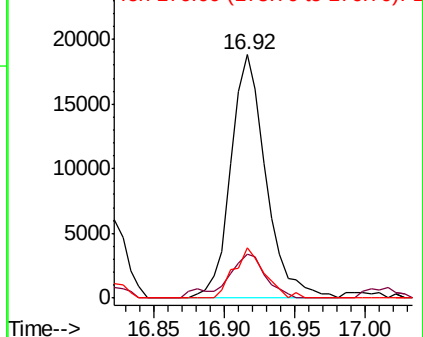
176 20.6 14.6 21.8

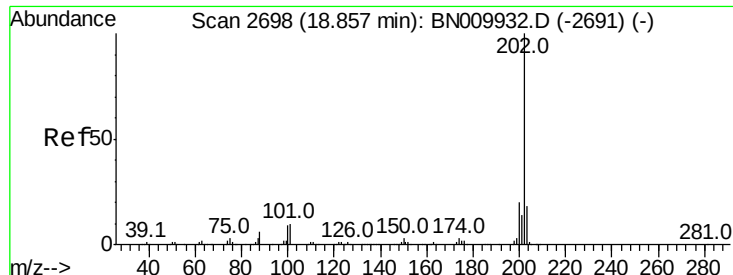


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

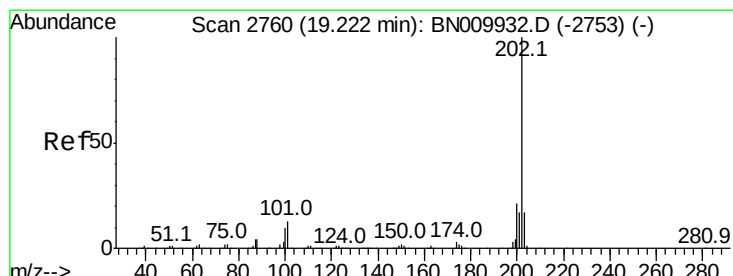
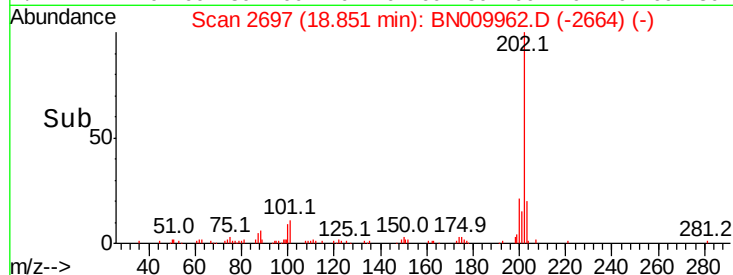
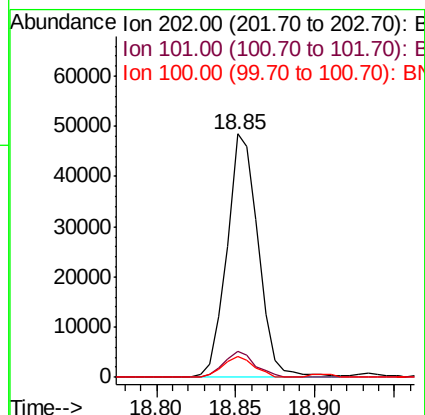
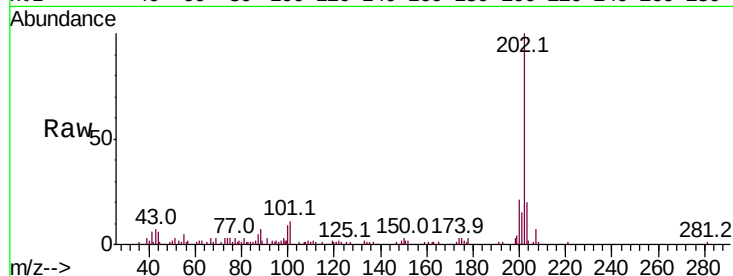




#77
 Fluoranthene
 Concen: 1.918 ng/ul
 RT: 18.85 min Scan# 2697
 Delta R.T. -0.01 min
 Lab File: BN009962.D
 Acq: 27 Feb 2020 13:28

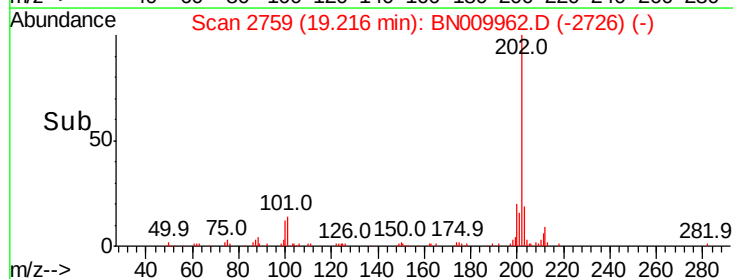
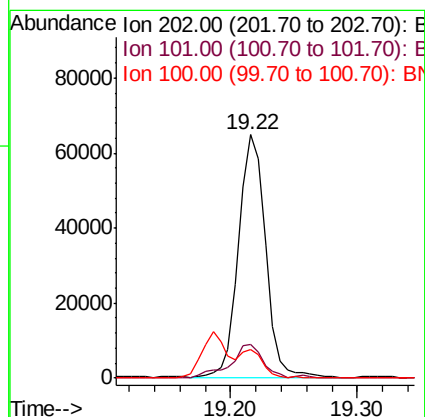
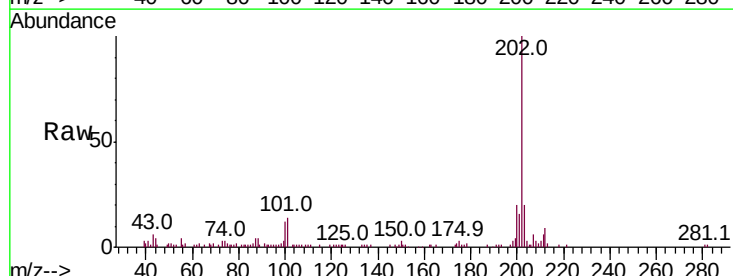
Instrument :
 BNA_N
 ClientSampleId :

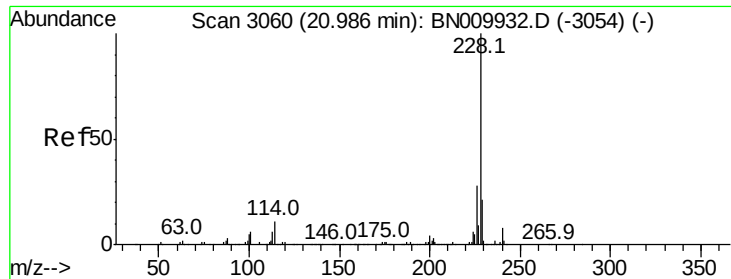
Tot Ion:	202	Resp:	66358
Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	8.6	7.2	10.8



#80
 Pyrene
 Concen: 2.640 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BN009962.D
 Acq: 27 Feb 2020 13:28

Tgt Ion:	202	Resp:	96647
Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.3	16.9
100	11.6	9.0	13.6

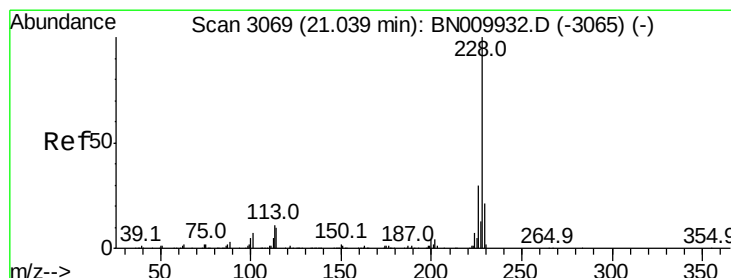
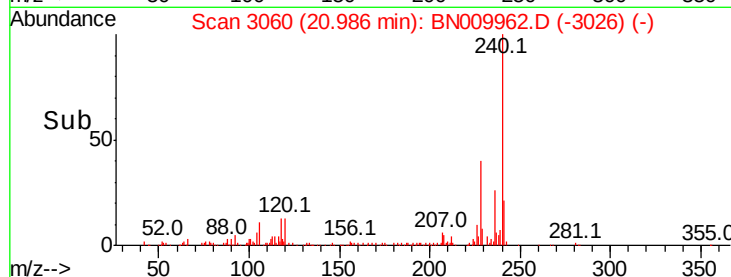
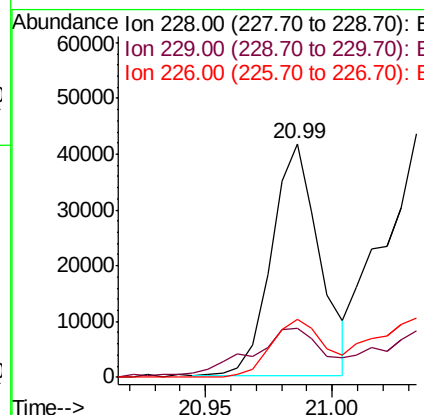
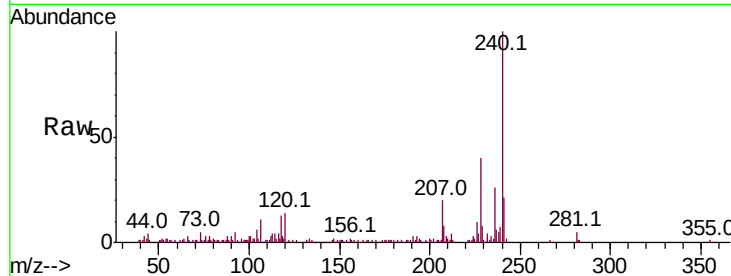




#83
Benzo(a)anthracene
Concen: 1.576 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009962.D
Acq: 27 Feb 2020 13:28

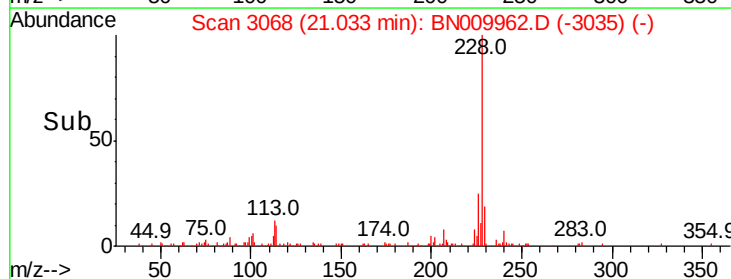
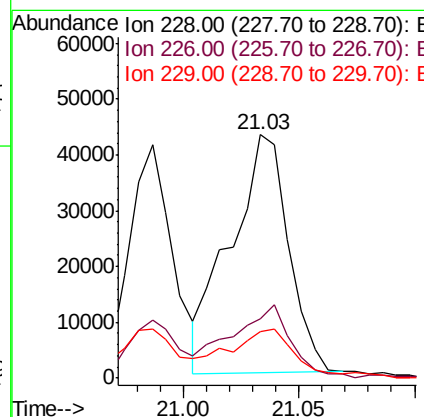
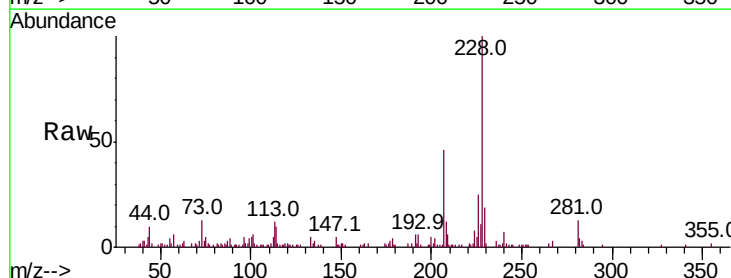
Instrument :
BNA_N
ClientSampled :

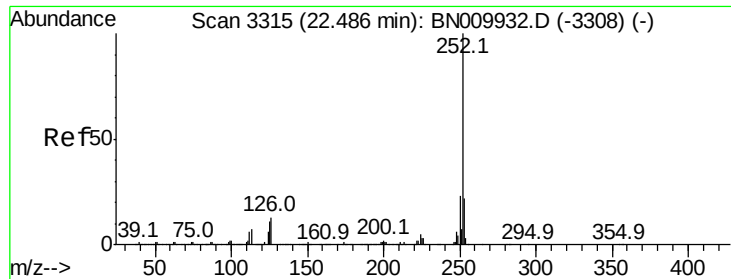
Tot Ion:228 Resp: 54980
Ion Ratio Lower Upper
228 100
229 21.0 15.0 22.4
226 25.1 21.4 32.2



#85
Chrysene
Concen: 2.187 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN009962.D
Acq: 27 Feb 2020 13:28

Tgt Ion:228 Resp: 75120
Ion Ratio Lower Upper
228 100
226 24.5 23.4 35.2
229 19.1 15.0 22.4





#88

Benzo(b)fluoranthene

Concen: 4.277 ng/ul

RT: 22.49 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

Instrument :

BNA_N

ClientSampled :

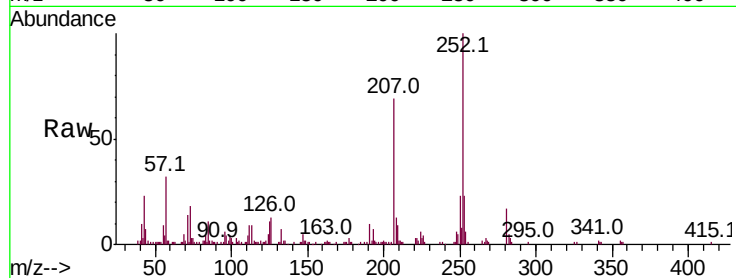
Tot Ion:252 Resp: 141811

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

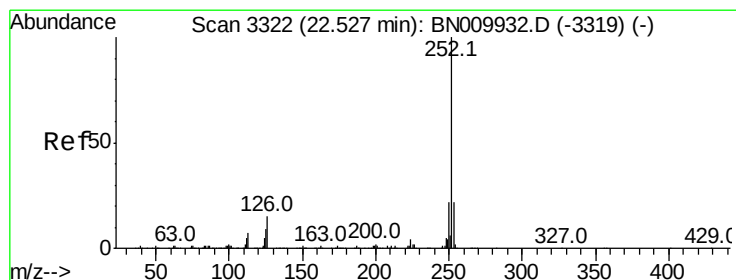
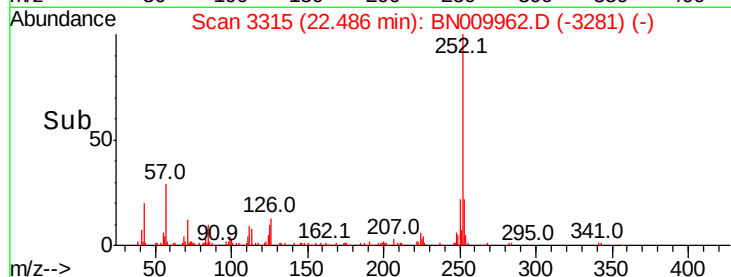
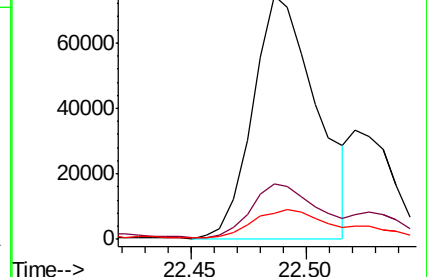
125 10.6 8.0 12.0



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: 4.517 ng/ul

RT: 22.49 min Scan# 3315

Delta R.T. -0.04 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

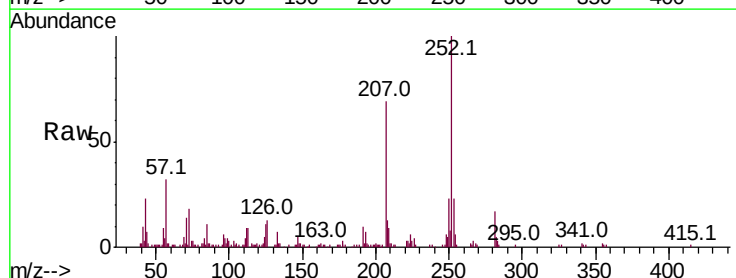
Tgt Ion:252 Resp: 141811

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

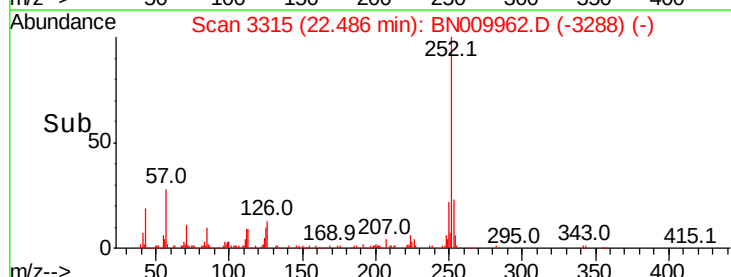
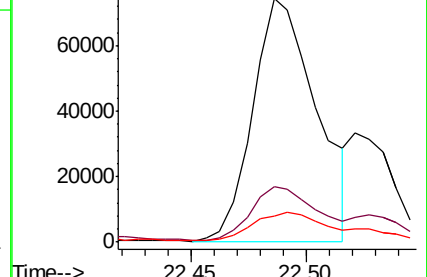
125 10.6 8.2 12.2

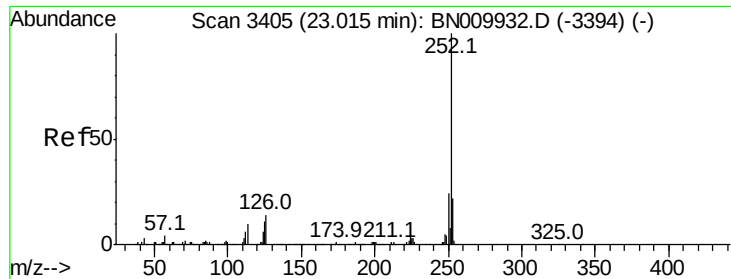


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.632 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

Instrument :

BNA_N

ClientSampleId :

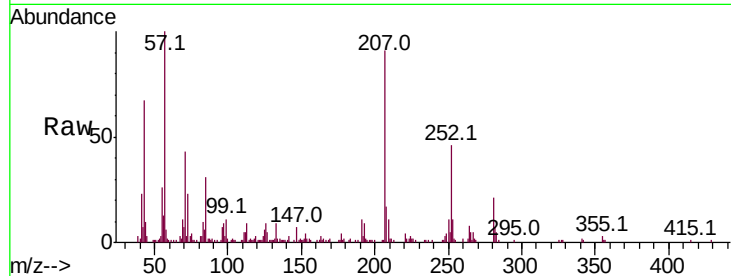
Tot Ion:252 Resp: 48671

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

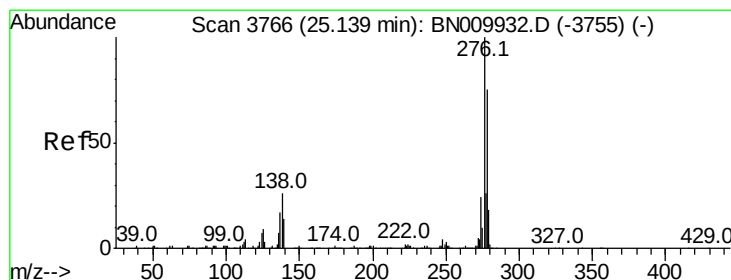
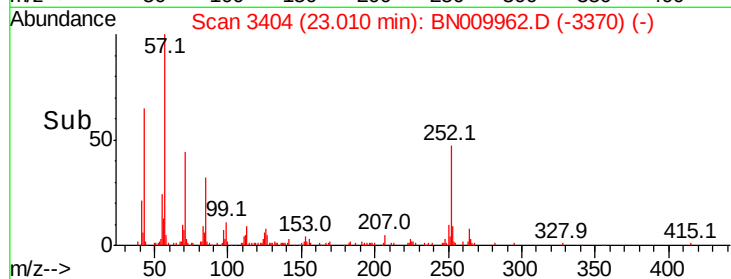
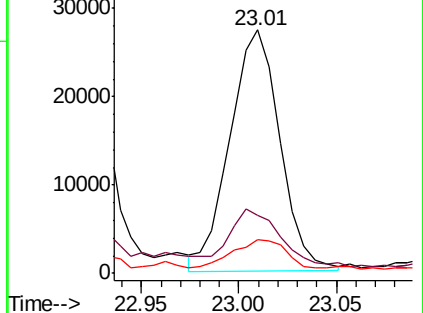
125 14.0 9.0 13.6#



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: 1.162 ng/ul

RT: 25.14 min Scan# 3766

Delta R.T. -0.01 min

Lab File: BN009962.D

Acq: 27 Feb 2020 13:28

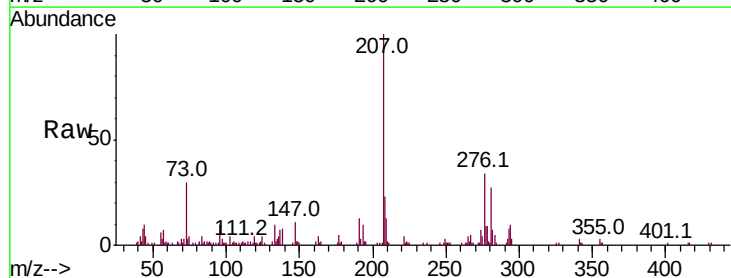
Tgt Ion:276 Resp: 41149

Ion Ratio Lower Upper

276 100

138 24.7 20.9 31.3

277 26.7 18.2 27.4



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

