

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN009983.D
 Acq On : 28 Feb 2020 11:09
 Operator : CG/JU
 Sample : L1536-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6R5

Quant Time: Feb 28 12:51:57 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	127524	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	530898	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	342689	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	717069	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	683754	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	739289	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	13256	4.28	ng/uL	0.00
5) Phenol-d5	6.58	99	315410	29.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	180136	24.07	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.92	132	254731	31.19	ng/ul	-0.01
13) 4-Methylphenol-d8	8.09	113	248433	28.79	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	125866	32.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	140252	33.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	252138	30.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	331839	36.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	402260	15.72	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	1015093	33.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	117874	25.21	ng/ul	0.00
58) Fluorene-d10	15.02	176	741575	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	48100	10.80	ng/ul	0.00
71) Anthracene-d10	16.87	188	1107690	33.70	ng/ul	0.00
79) Pyrene-d10	19.19	212	1284691	35.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1318220	35.71	ng/ul	0.00

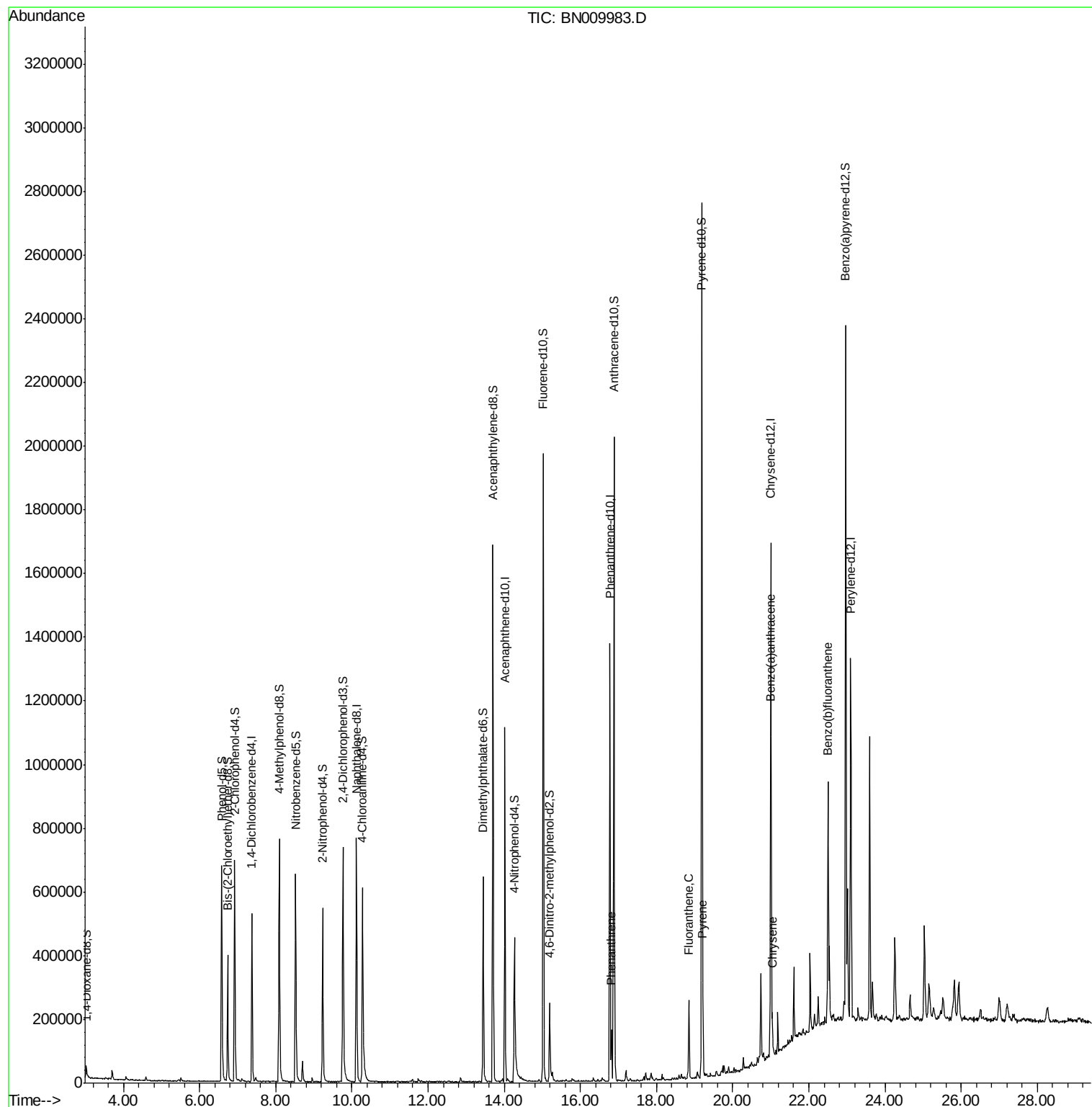
Target Compounds					Ovalue	
70) Phenanthrene	16.82	178	87211	2.131	ng/ul	98
77) Fluoranthene	18.85	202	141826	2.959	ng/ul	97
80) Pyrene	19.22	202	125533	2.547	ng/ul	98
83) Benzo(a)anthracene	20.99	228	67280	1.432	ng/ul	97
85) Chrysene	21.04	228	69279	1.498	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	95332	1.989	ng/ul#	96

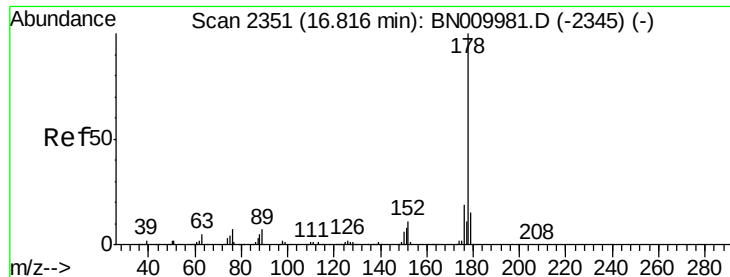
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.131 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009983.D

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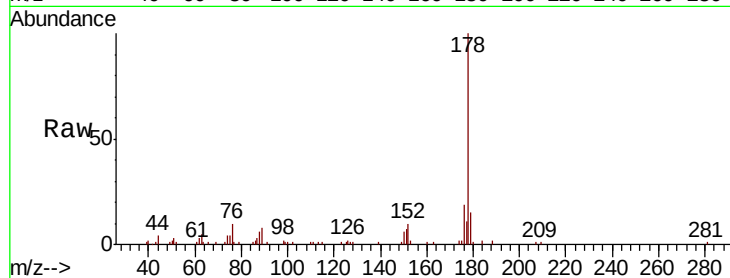
Tot Ion:178 Resp: 87211

Ion Ratio Lower Upper

178 100

179 14.6 12.5 18.7

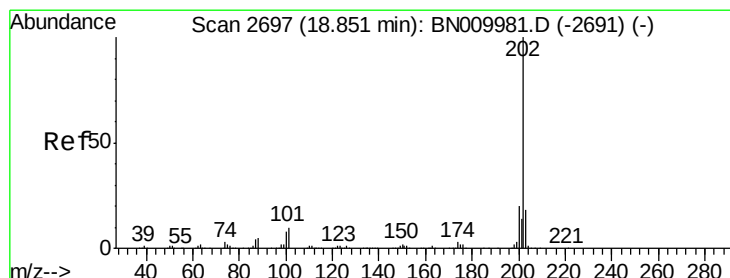
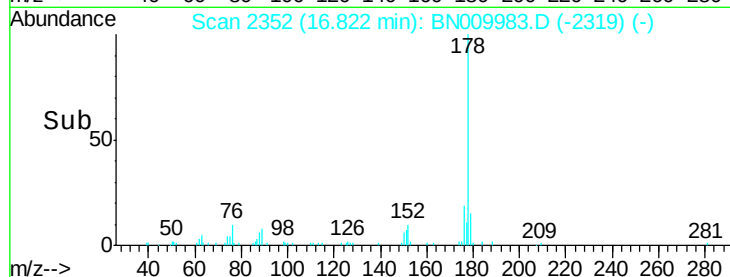
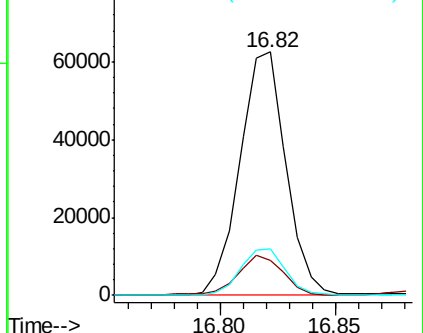
176 19.0 14.6 22.0



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: 2.959 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BN009983.D

Acq: 28 Feb 2020 11:09

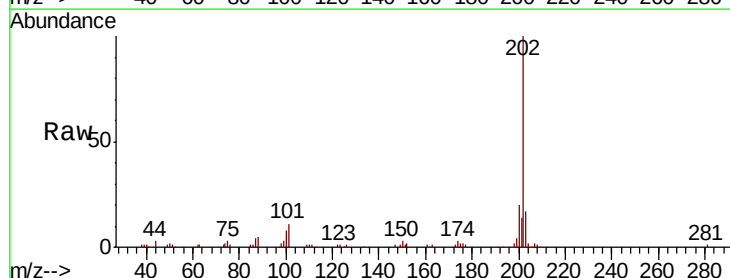
Tgt Ion:202 Resp: 141826

Ion Ratio Lower Upper

202 100

101 10.8 9.4 14.2

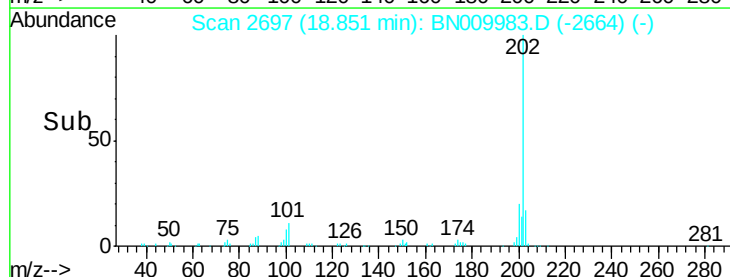
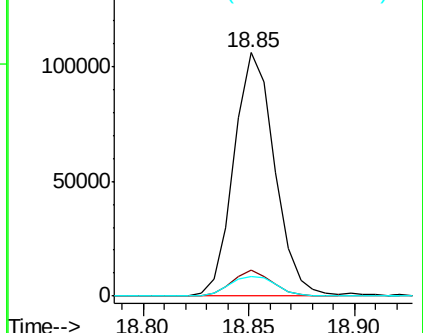
100 8.0 7.2 10.8

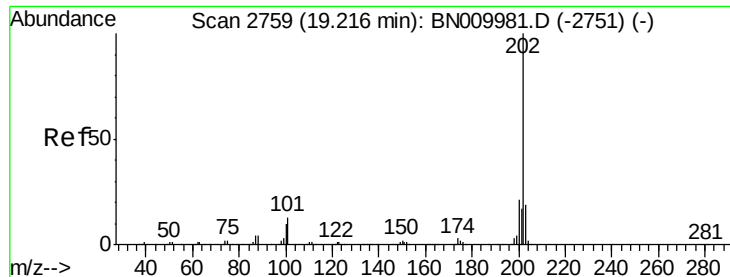


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

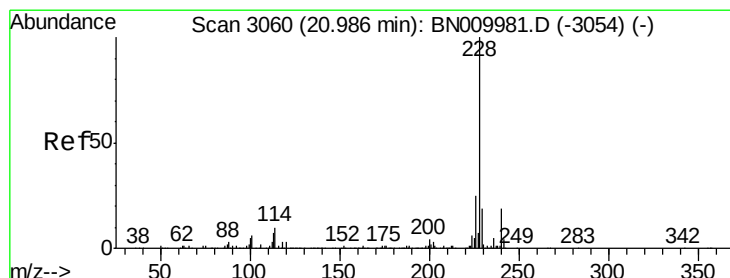
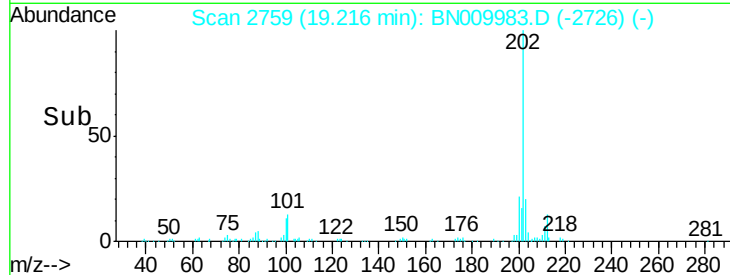
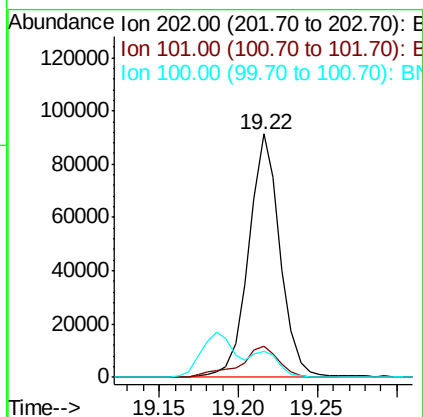
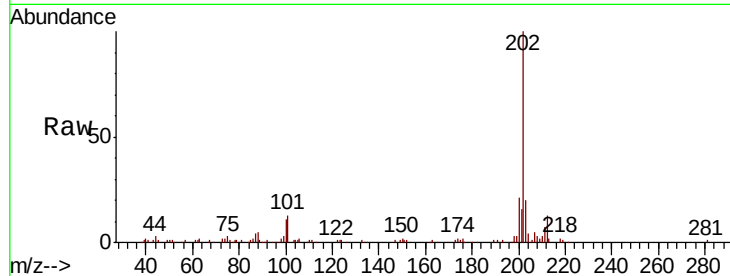




#80
Pvrene
Concen: 2.547 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009983.D
Acq: 28 Feb 2020 11:09

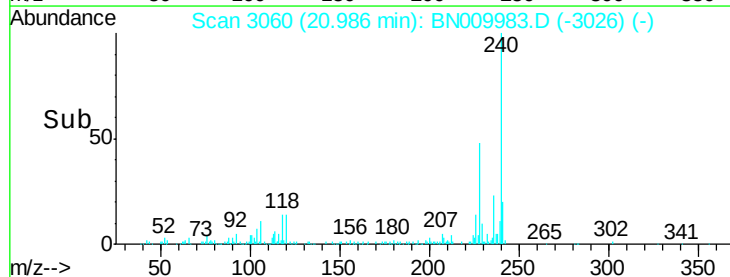
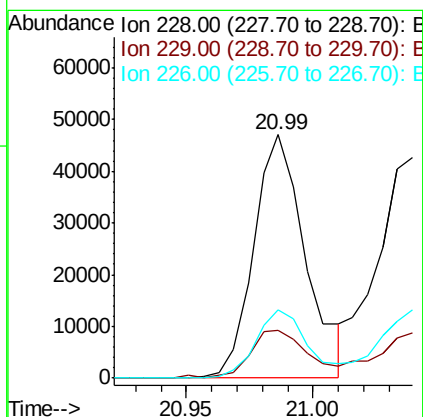
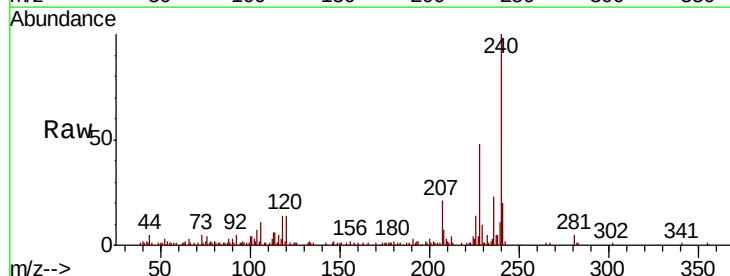
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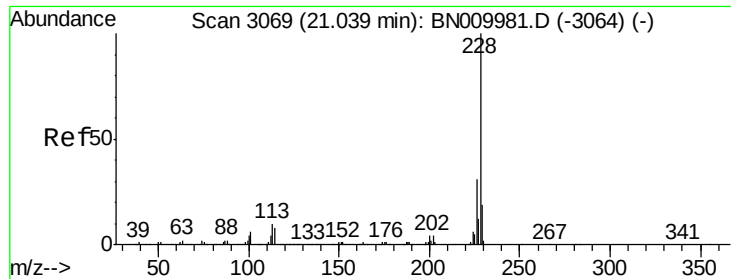
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.3	16.9
100	10.6	9.0	13.6



#83
Benzo(a)anthracene
Concen: 1.432 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009983.D
Acq: 28 Feb 2020 11:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.0	22.4
226	28.2	21.4	32.2

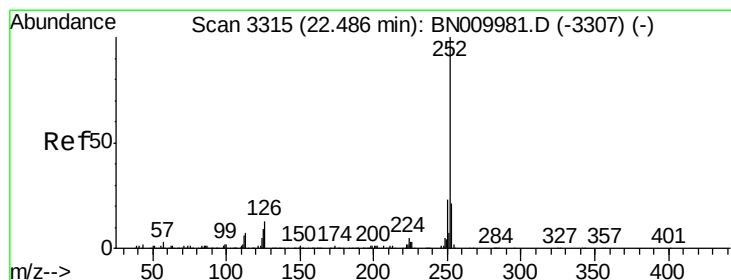
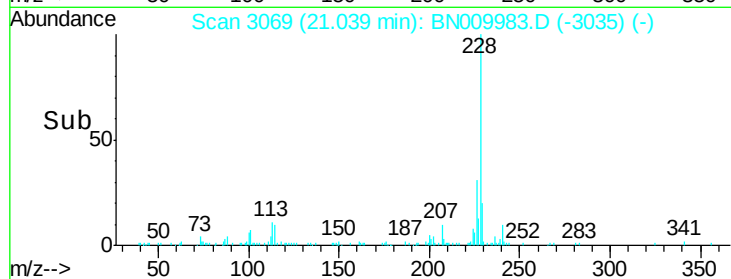
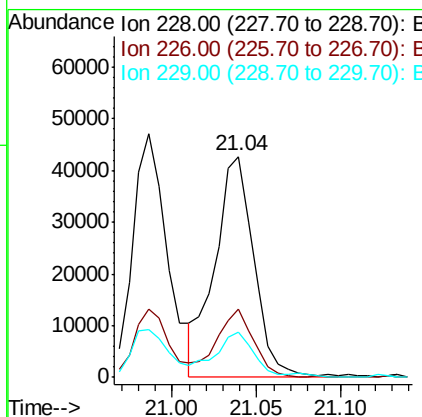
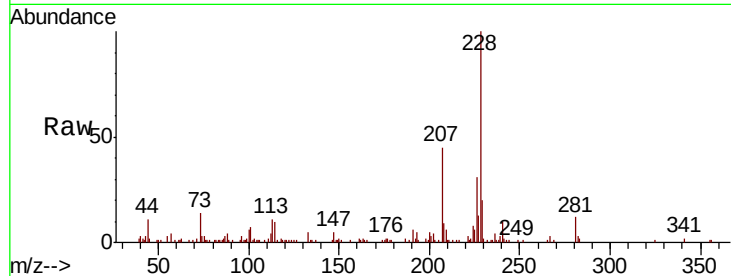




#85
Chrysene
Concen: 1.498 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BN009983.D
Acq: 28 Feb 2020 11:09

Instrument :
BNA_N
ClientSampleId :
CB6R5

Tot Ion:228 Resp: 69279
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.2
229 20.4 15.0 22.4



#88
Benzo(b)fluoranthene
Concen: 1.989 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. 0.01 min
Lab File: BN009983.D
Acq: 28 Feb 2020 11:09

Tgt Ion:252 Resp: 95332
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 13.7 8.0 12.0#

