

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009824.D
 Acq On : 22 Feb 2020 01:05
 Operator : CG/JU
 Sample : L1535-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 22 02:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117679	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	498316	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	313702	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	655235	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	582869	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	635100	20.00	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.03	96	11584	4.05	ng/uL	-0.02
5) Phenol-d5	6.59	99	212783	21.26	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	161857	23.43	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	173524	23.03	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	158767	19.94	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	86399	23.70	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	94355	23.66	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	170618	22.25	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	197434	22.92	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	536062	22.88	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	646430	23.42	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	63890	14.93	ng/ul	-0.02
58) Fluorene-d10	15.03	176	469553	23.21	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	64351	15.81	ng/ul	-0.02
71) Anthracene-d10	16.89	188	687192	22.88	ng/ul	-0.02
79) Pyrene-d10	19.19	212	770127	25.28	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	749162	23.62	ng/ul	-0.03

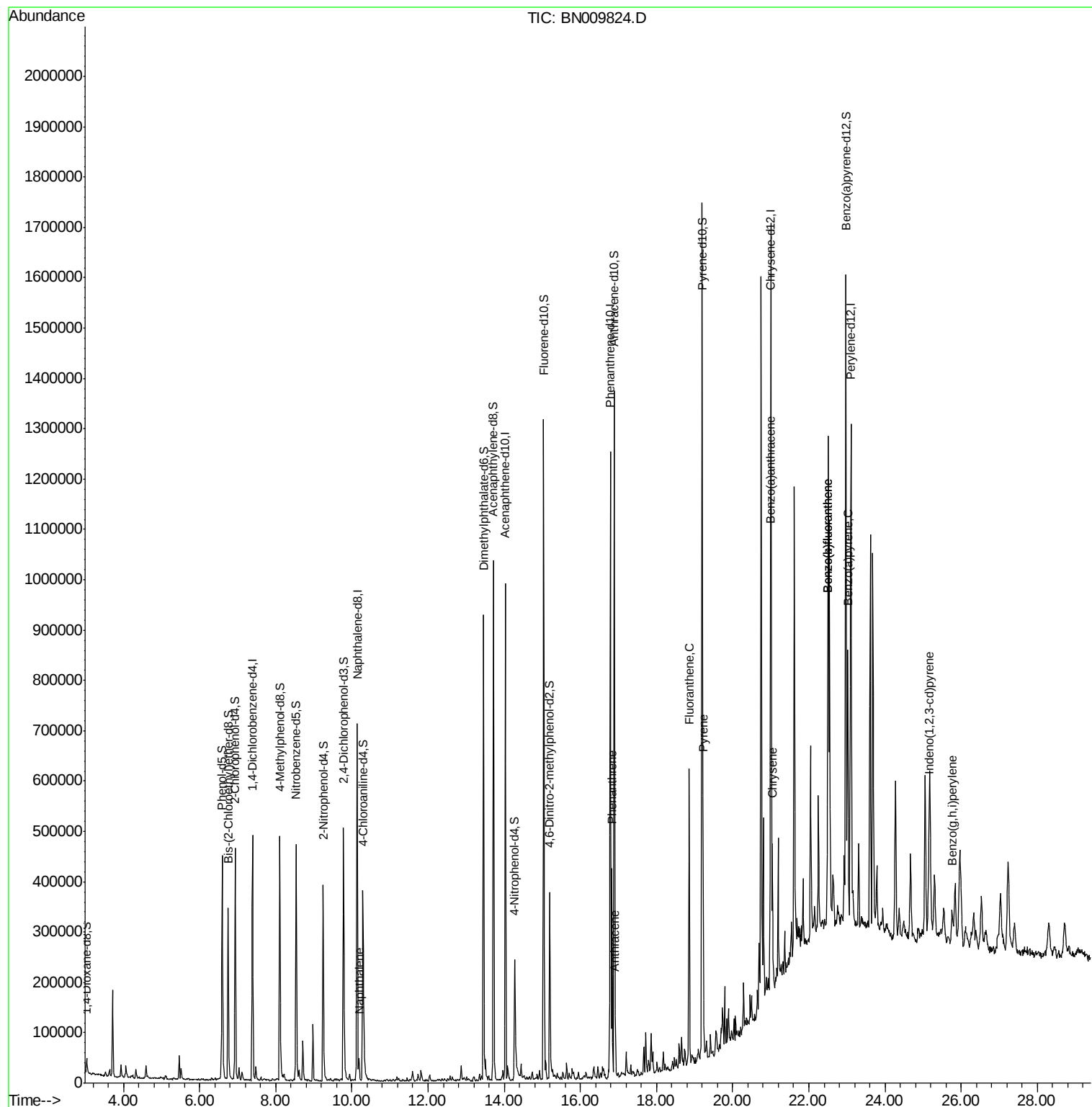
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.19	128	30879	1.149	ng/ul	98
70) Phenanthrene	16.83	178	217208	5.809	ng/ul	98
72) Anthracene	16.92	178	47399	1.240	ng/ul	95
77) Fluoranthene	18.86	202	321499	7.340	ng/ul	99
80) Pyrene	19.22	202	291489	6.937	ng/ul	98
83) Benzo(a)anthracene	20.99	228	164939	4.118	ng/ul	98
85) Chrysene	21.04	228	156524	3.969	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	203074	4.932	ng/ul	98
89) Benzo(k)fluoranthene	22.49	252	203074	5.208	ng/ul	96
91) Benzo(a)pyrene	23.02	252	127945	3.455	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.15	276	77572	1.764	ng/ul#	93
94) Benzo(g,h,i)perylene	25.77	276	73942	2.006	ng/ul	96

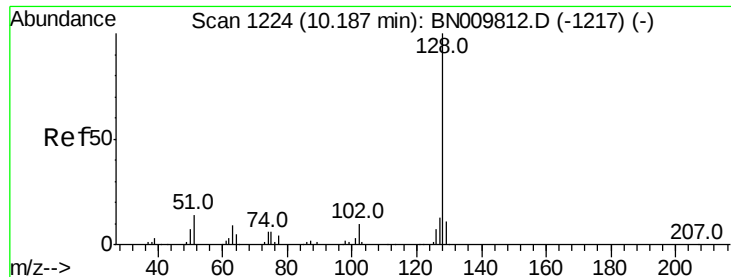
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009824.D
Acq On : 22 Feb 2020 01:05
Operator : CG/JU
Sample : L1535-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 22 02:18:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.149 ng/ul

RT: 10.19 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

Instrument :

BNA_N

ClientSampled :

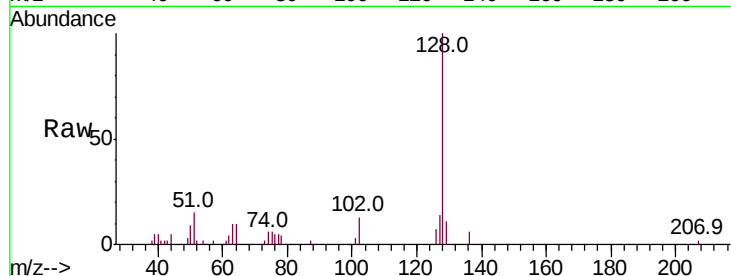
Tot Ion:128 Resp: 30879

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

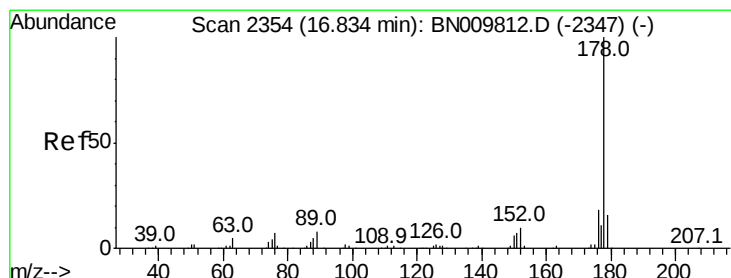
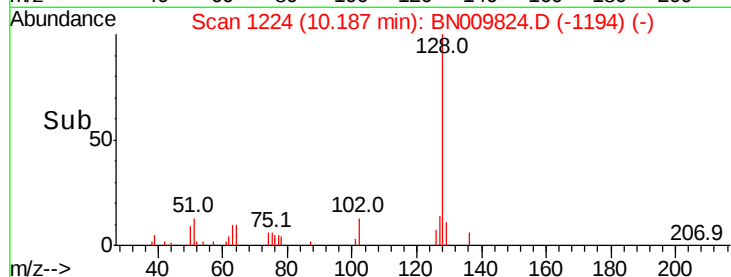
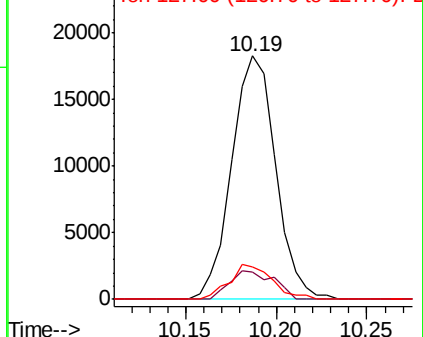
127 13.6 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#70

Phenanthrene

Concen: 5.809 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

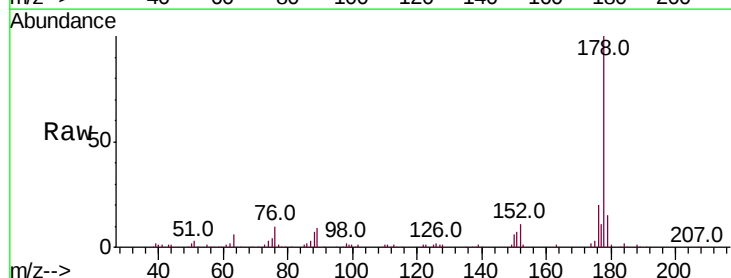
Tgt Ion:178 Resp: 217208

Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

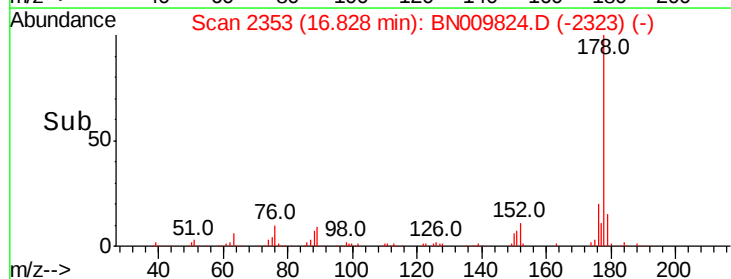
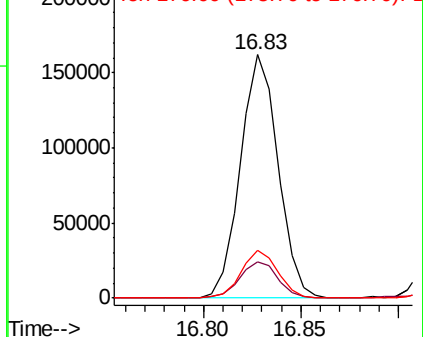
176 19.5 14.6 22.0

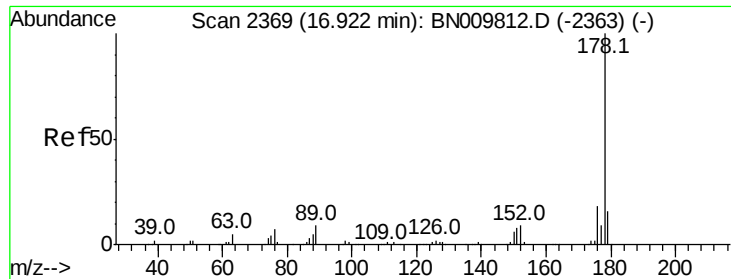


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.240 ng/ul

RT: 16.92 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

Instrument :

BNA_N

ClientSampleId :

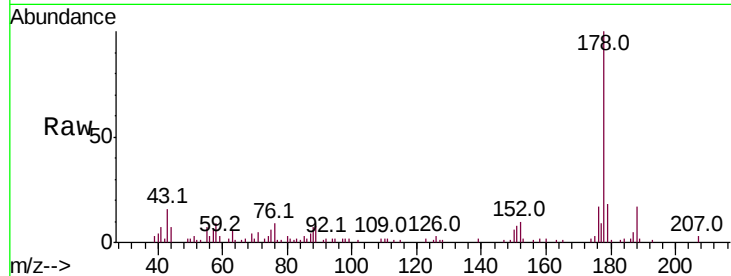
Tot Ion:178 Resp: 47399

Ion Ratio Lower Upper

178 100

179 17.8 12.2 18.2

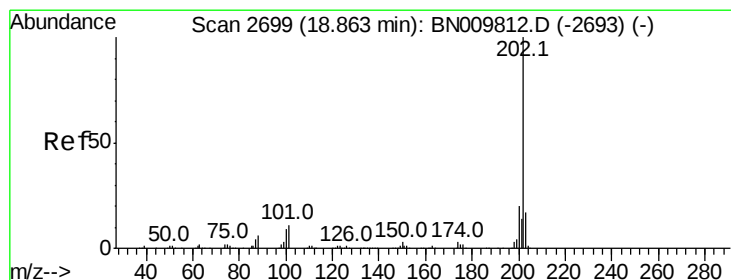
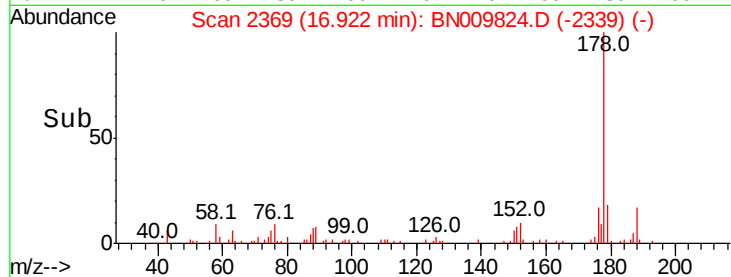
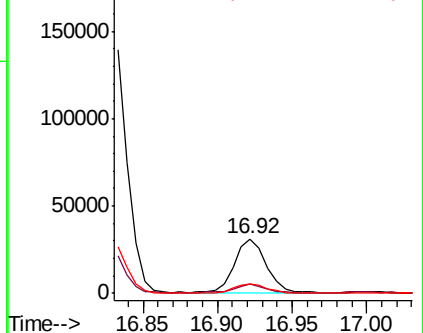
176 16.7 14.6 21.8



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: 7.340 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

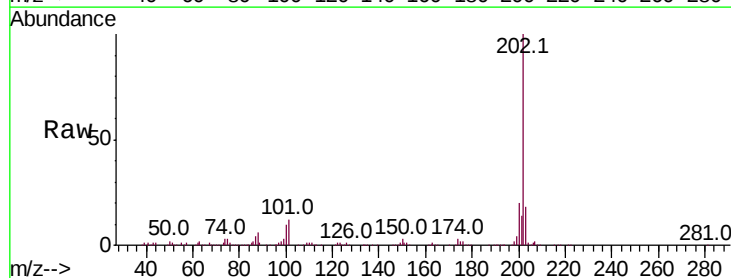
Tgt Ion:202 Resp: 321499

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

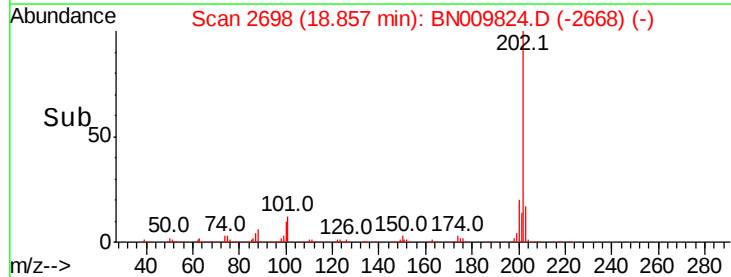
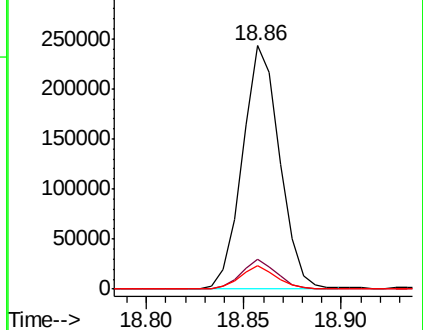
100 9.6 7.2 10.8

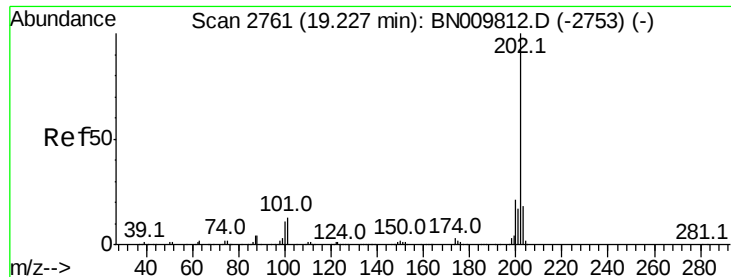


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

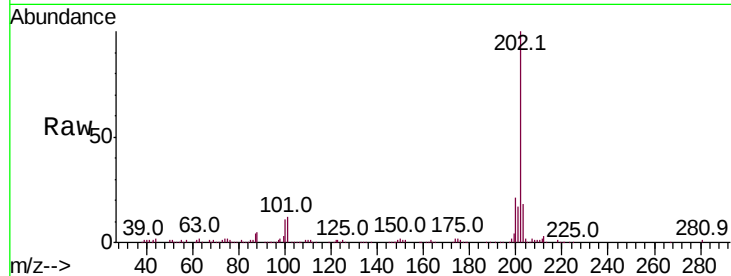




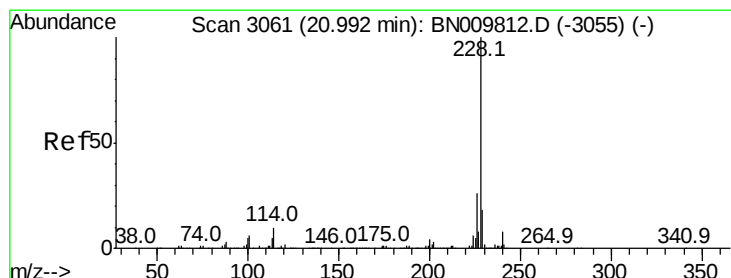
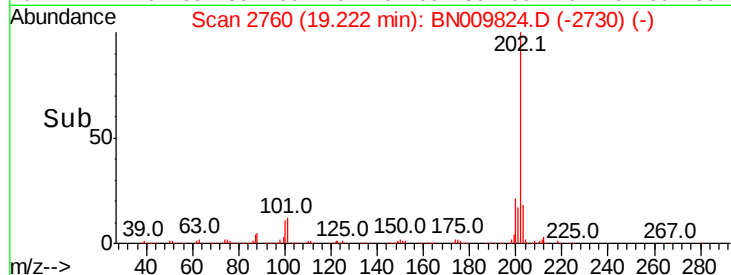
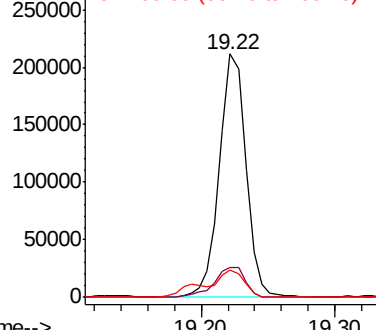
#80
Pvrene
Concen: 6.937 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.3	16.9
100	11.4	9.0	13.6

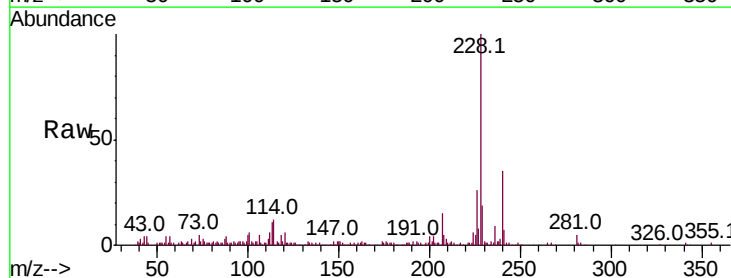


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

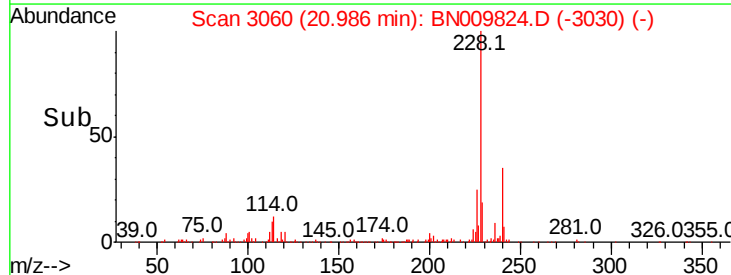
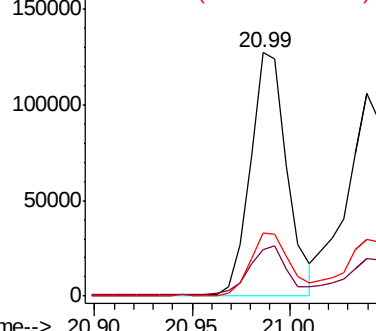


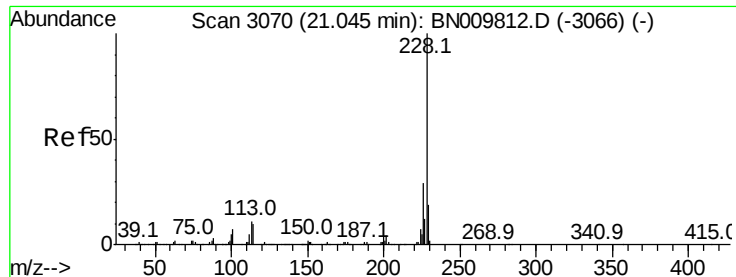
#83
Benzo(a)anthracene
Concen: 4.118 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN009824.D
Acq: 22 Feb 2020 01:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.0	22.4
226	25.7	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: 3.969 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

Instrument :

BNA_N

ClientSampleId :

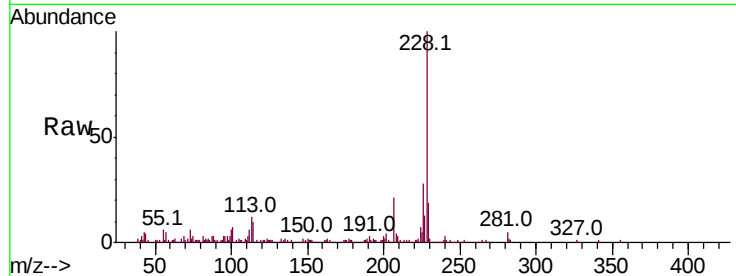
Tot Ion:228 Resp: 156524

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

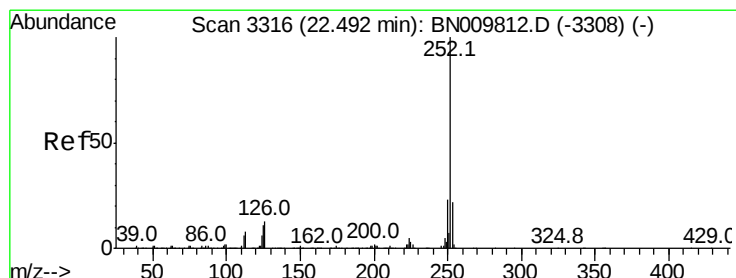
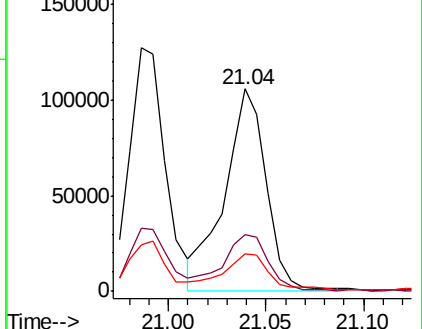
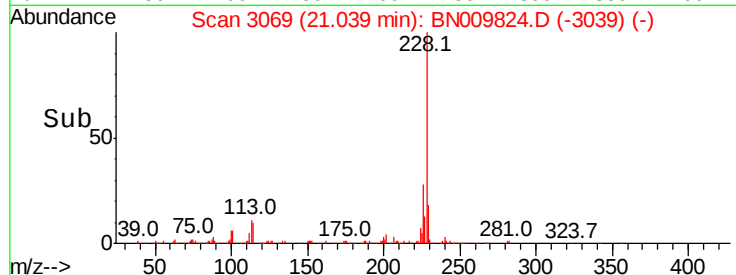
229 18.8 15.0 22.4



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: 4.932 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

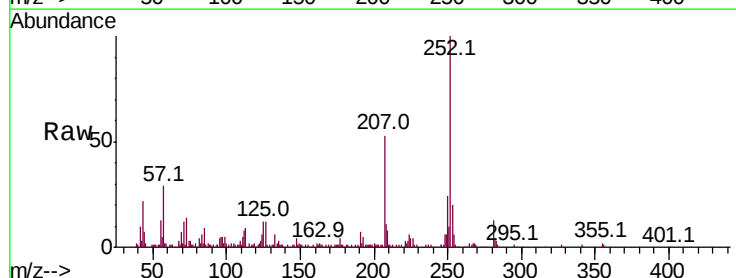
Tgt Ion:252 Resp: 203074

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.4

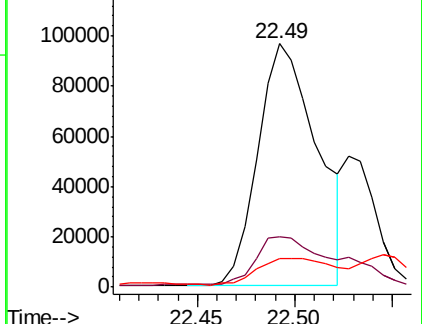
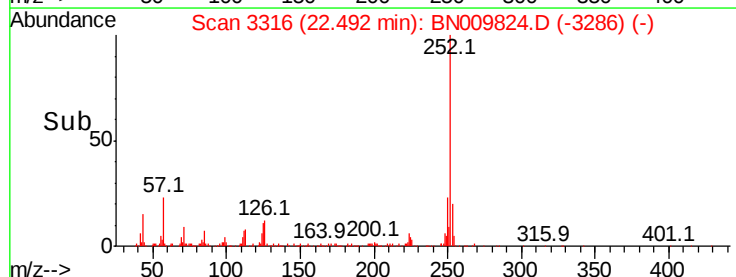
125 11.5 8.0 12.0

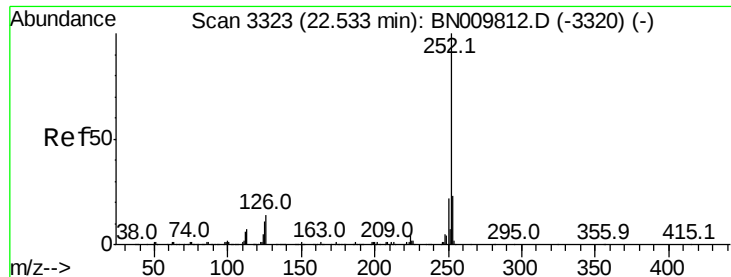


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.208 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.06 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

Instrument :

BNA_N

ClientSampleId :

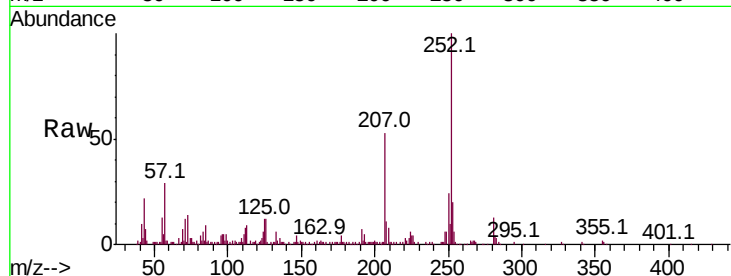
Tot Ion:252 Resp: 203074

Ion Ratio Lower Upper

252 100

253 20.5 18.0 27.0

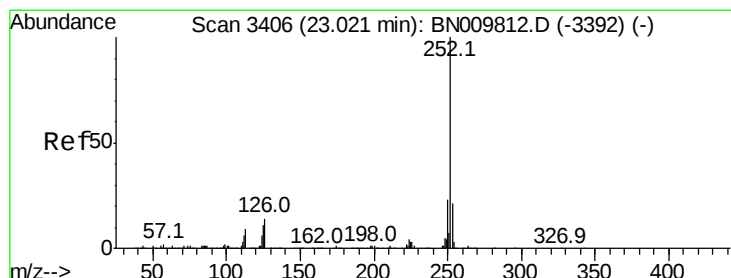
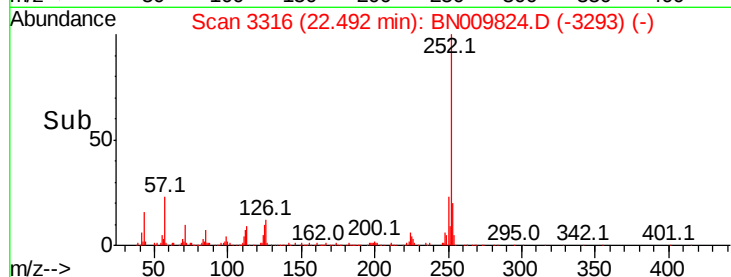
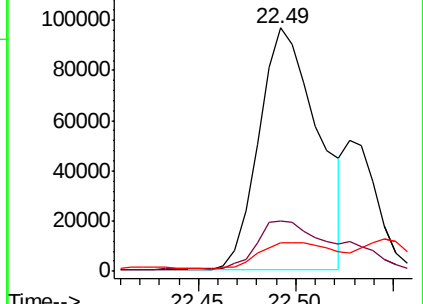
125 11.5 8.2 12.2



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: 3.455 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.02 min

Lab File: BN009824.D

Acq: 22 Feb 2020 01:05

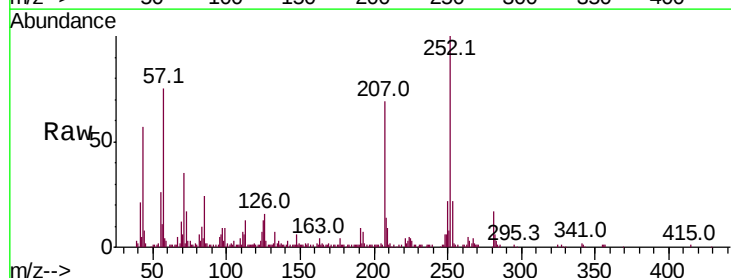
Tgt Ion:252 Resp: 127945

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

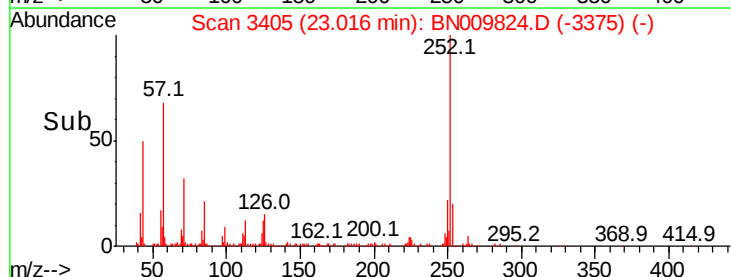
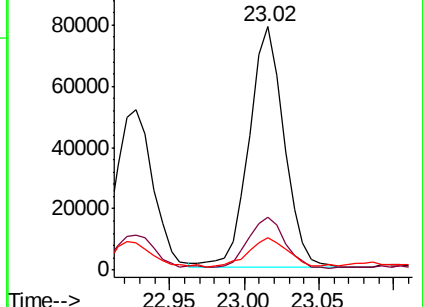
125 13.4 9.0 13.6

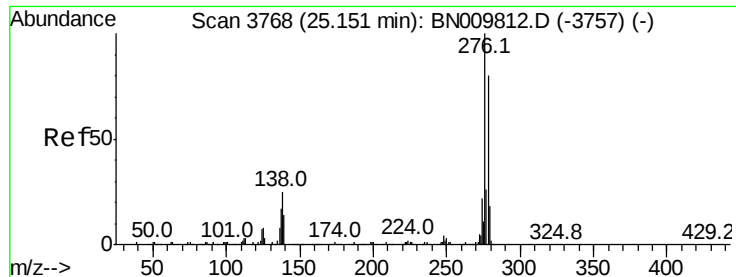


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

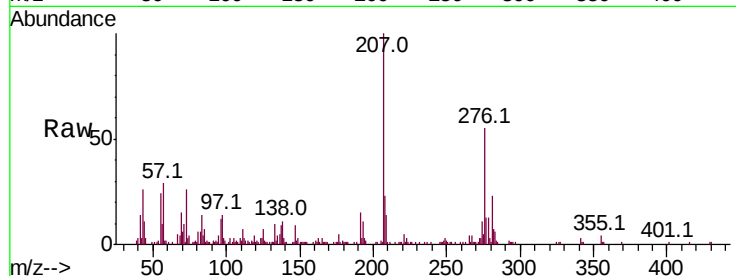




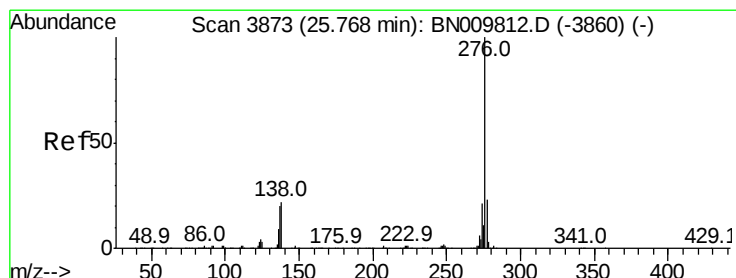
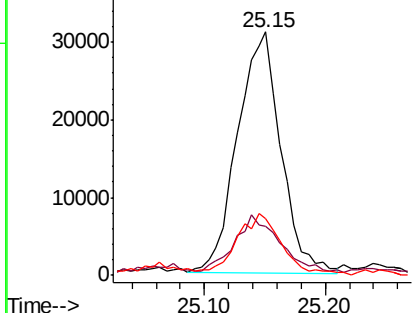
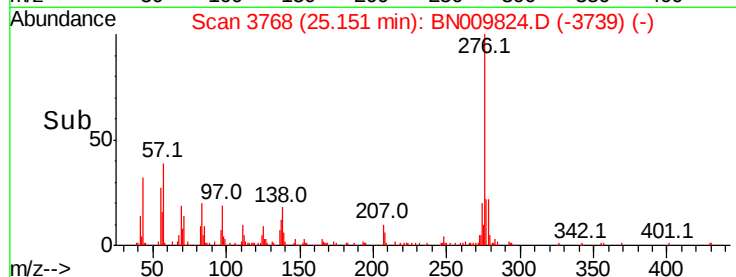
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.764 ng/ul
 RT: 25.15 min Scan# 3768
 Delta R.T. -0.03 min
 Lab File: BN009824.D
 Acq: 22 Feb 2020 01:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 77572
 Ion Ratio Lower Upper
 276 100
 138 20.1 20.9 31.3#
 277 23.1 18.2 27.4

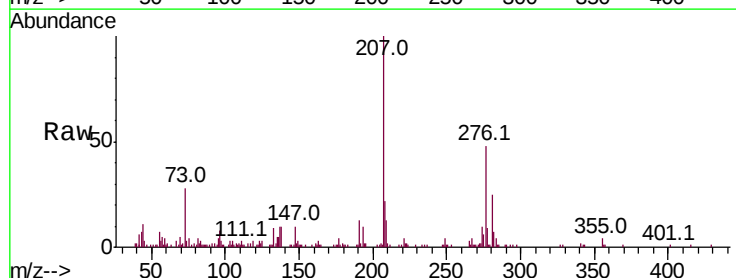


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#94
 Benzo(g,h,i)perylene
 Concen: 2.006 ng/ul
 RT: 25.77 min Scan# 3873
 Delta R.T. -0.04 min
 Lab File: BN009824.D
 Acq: 22 Feb 2020 01:05

Tgt Ion:276 Resp: 73942
 Ion Ratio Lower Upper
 276 100
 138 20.6 17.5 26.3
 277 19.6 18.1 27.1



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

