

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009545.D
 Acq On : 04 Feb 2020 01:11
 Operator : CG/JU
 Sample : L1342-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AH0

Quant Time: Feb 04 03:06:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	168992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	725638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	452860	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	925641	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	795392	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	874825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11723	2.85	ng/uL	0.00
5) Phenol-d5	6.64	99	211530	14.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	165261	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	167114	15.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	166888	14.22	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	87641	16.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	96201	15.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	165180	14.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	182175	15.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	594777	17.99	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	588176	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	88238	14.13	ng/ul	0.00
57) Fluorene-d10	15.08	176	489126	16.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	77510	13.41	ng/ul	0.00
70) Anthracene-d10	16.93	188	752871	17.90	ng/ul	0.00
78) Pyrene-d10	19.23	212	775373	18.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	725537	16.84	ng/ul	0.00

Target Compounds

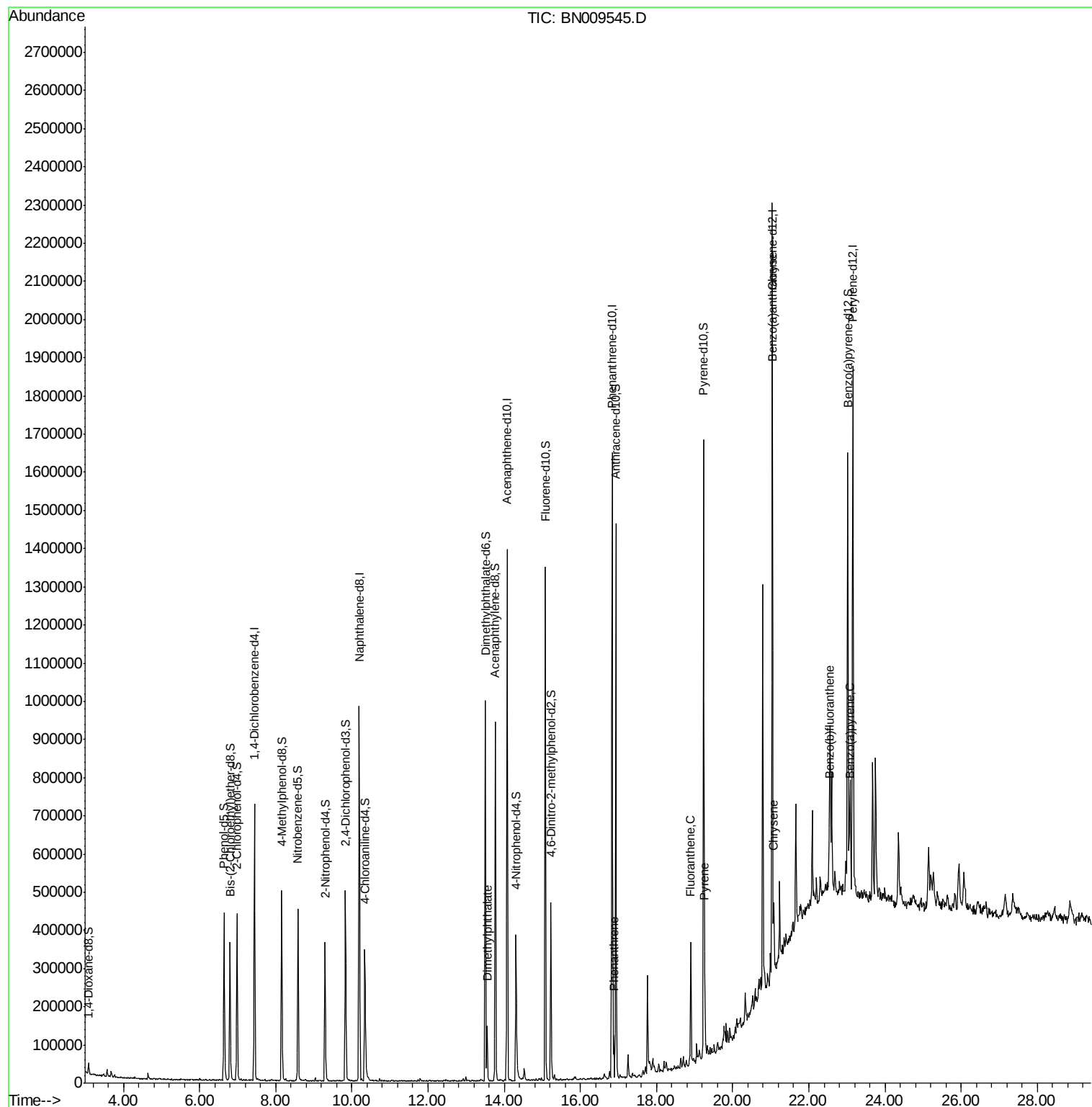
					Ovalue
44) Dimethylphthalate	13.55	163	81664	2.328	ng/ul 100
69) Phenanthrene	16.87	178	60207	1.141	ng/ul 97
76) Fluoranthene	18.90	202	172323	2.860	ng/ul 98
79) Pyrene	19.26	202	147146	2.534	ng/ul 96
82) Benzo(a)anthracene	21.03	228	90460	1.647	ng/ul 99
84) Chrysene	21.07	228	97625	1.786	ng/ul 99
87) Benzo(b)fluoranthene	22.53	252	123636	2.259	ng/ul# 96
90) Benzo(a)pyrene	23.06	252	83025	1.637	ng/ul# 92

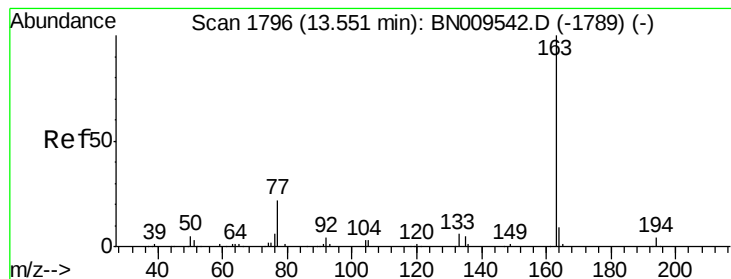
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.328 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009545.D

Acq: 04 Feb 2020 01:11

Instrument :

BNA_N

ClientSampleId :

B0AH0

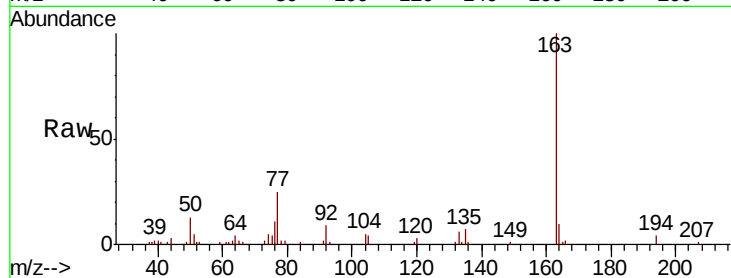
Tot Ion:163 Resp: 81664

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

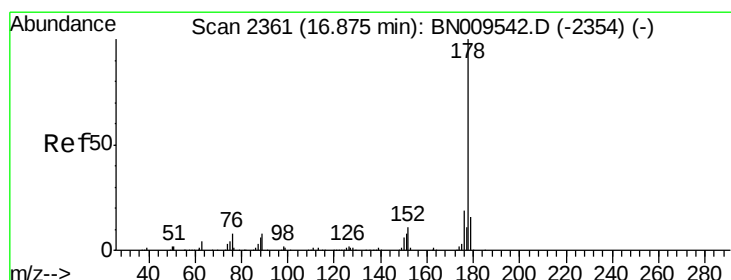
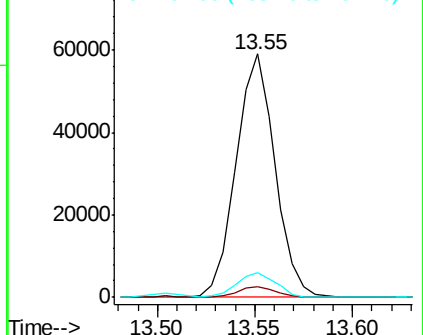
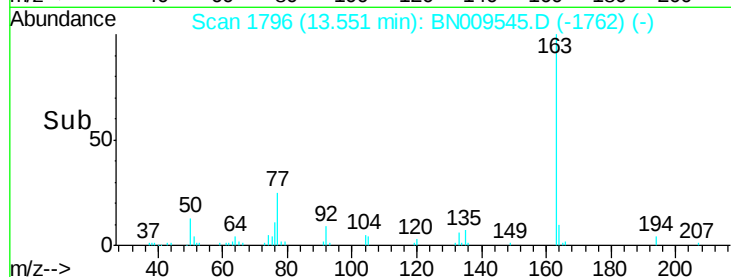
164 10.0 8.0 12.0



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



#69

Phenanthrene

Concen: 1.141 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009545.D

Acq: 04 Feb 2020 01:11

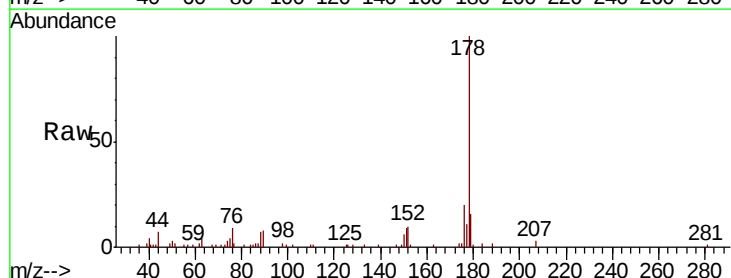
Tgt Ion:178 Resp: 60207

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

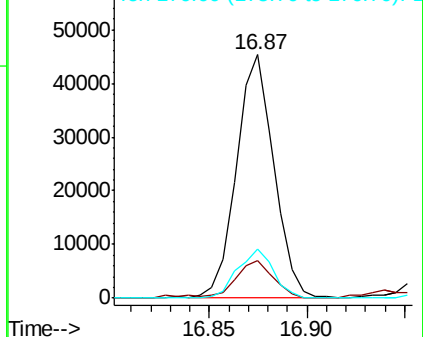
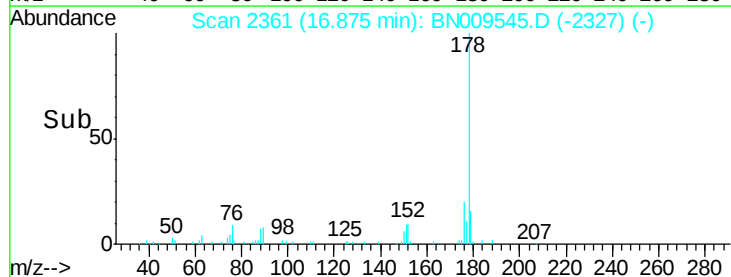
176 20.3 14.8 22.2

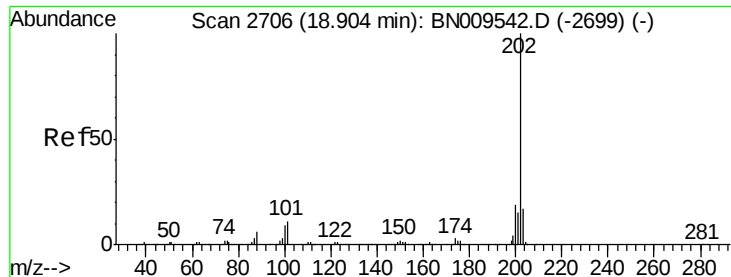


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.860 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009545.D

Acq: 04 Feb 2020 01:11

Instrument :

BNA_N

ClientSampleId :

B0AH0

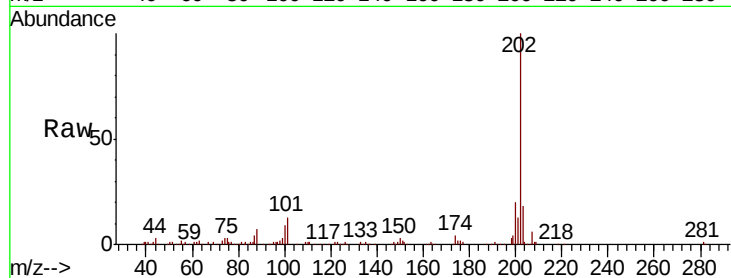
Tot Ion:202 Resp: 172323

Ion Ratio Lower Upper

202 100

101 12.7 9.2 13.8

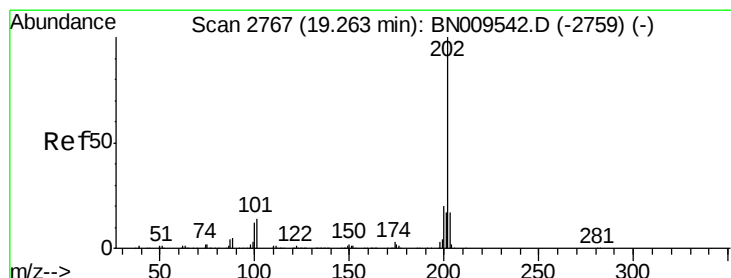
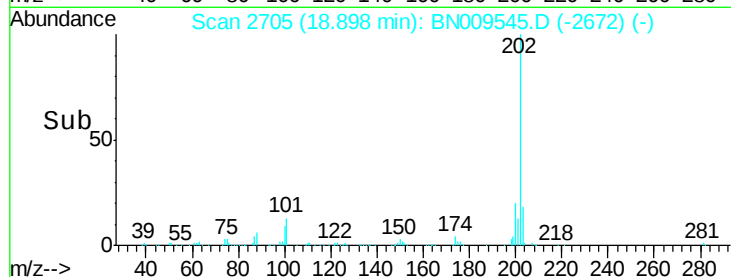
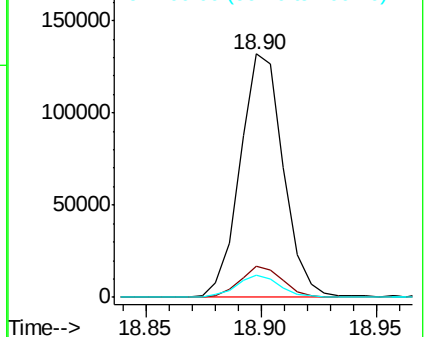
100 9.0 6.9 10.3



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



#79

Pyrene

Concen: 2.534 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009545.D

Acq: 04 Feb 2020 01:11

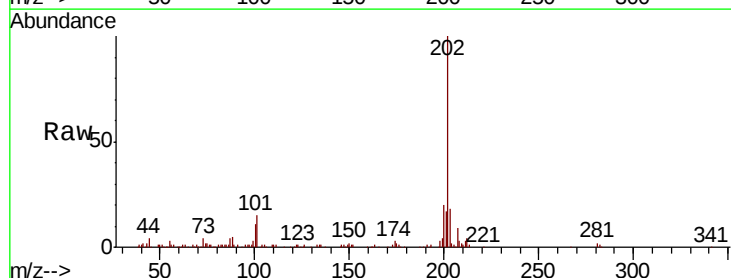
Tgt Ion:202 Resp: 147146

Ion Ratio Lower Upper

202 100

101 15.1 10.3 15.5

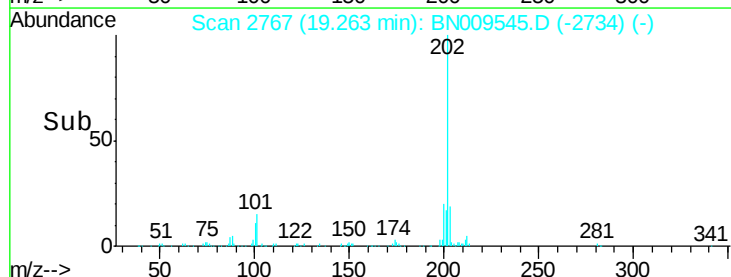
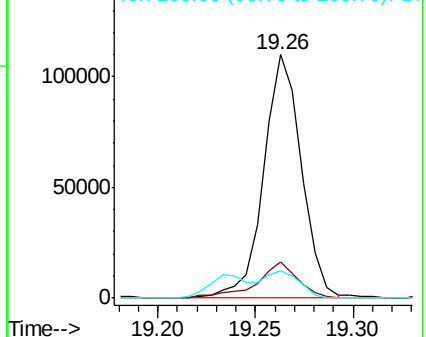
100 11.0 8.4 12.6

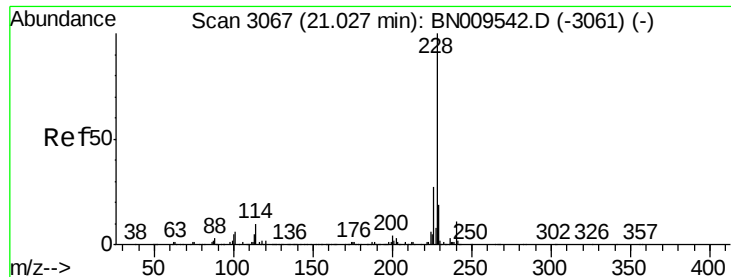


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

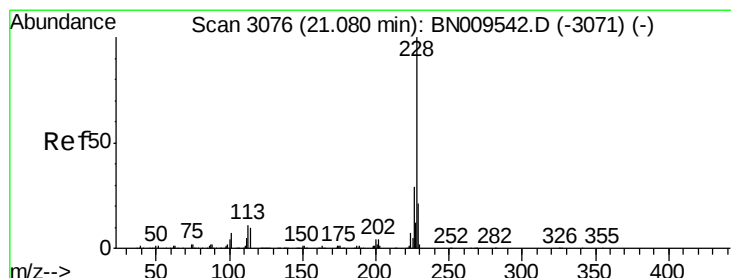
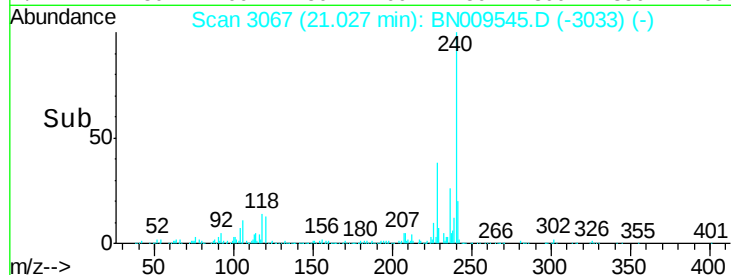
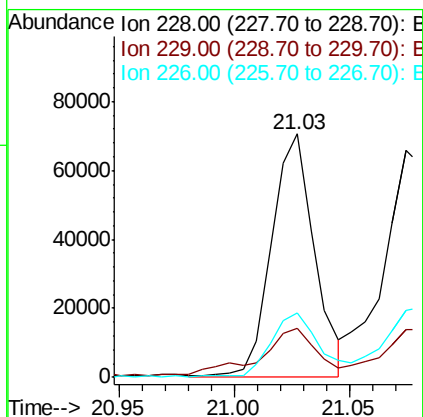
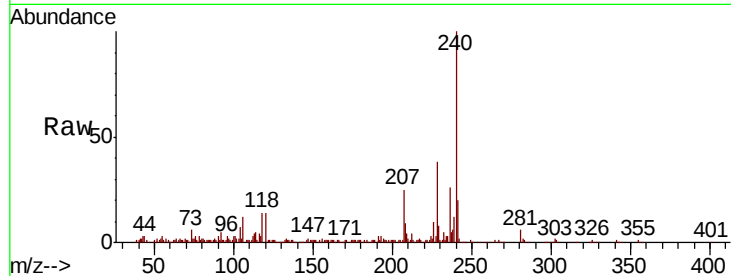




#82
Benzo(a)anthracene
Concen: 1.647 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009545.D
Acq: 04 Feb 2020 01:11

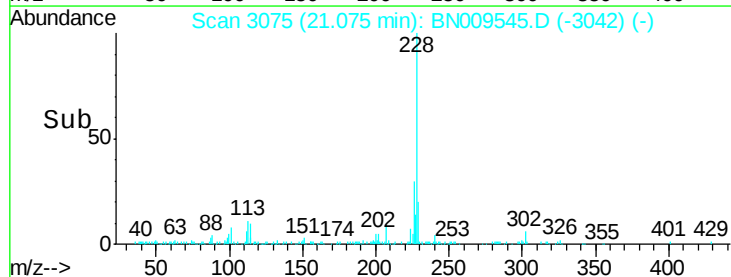
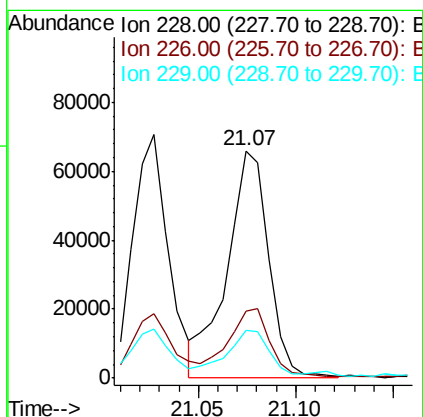
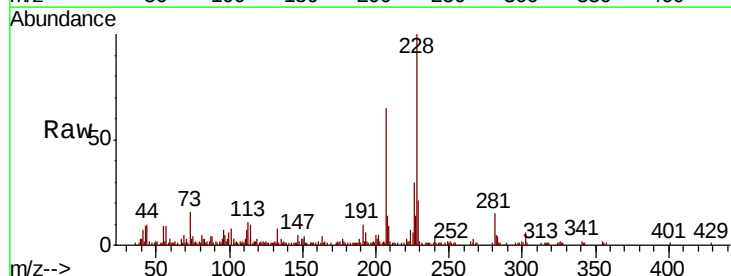
Instrument :
BNA_N
ClientSampleId :
B0AH0

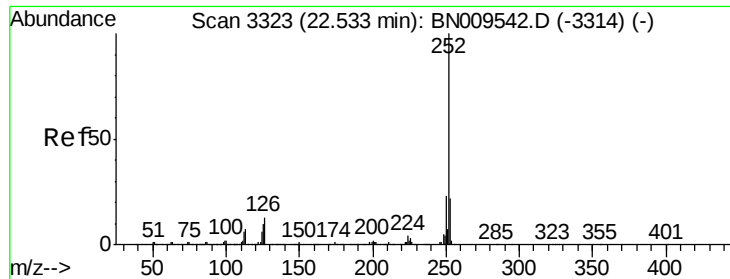
Tot Ion:228 Resp: 90460
Ion Ratio Lower Upper
228 100
229 19.9 15.0 22.4
226 26.4 20.9 31.3



#84
Chrysene
Concen: 1.786 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009545.D
Acq: 04 Feb 2020 01:11

Tgt Ion:228 Resp: 97625
Ion Ratio Lower Upper
228 100
226 29.6 23.5 35.3
229 21.2 15.8 23.8

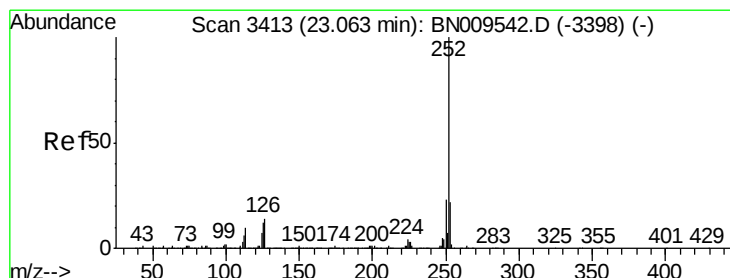
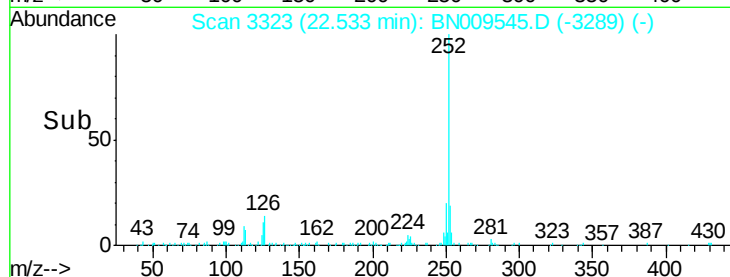
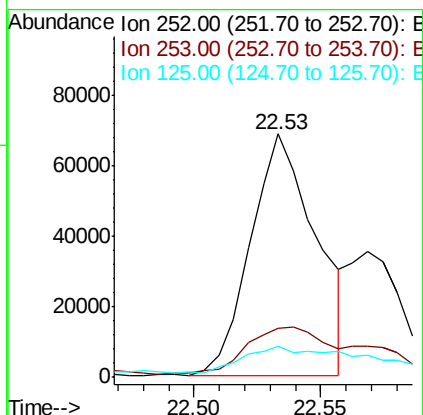
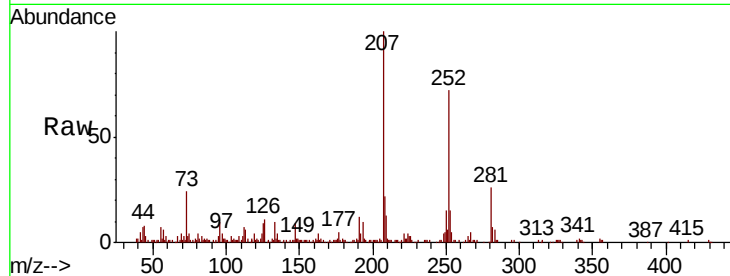




#87
Benzo(b)fluoranthene
Concen: 2.259 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009545.D
Acq: 04 Feb 2020 01:11

Instrument :
BNA_N
ClientSampleId :
B0AH0

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.0	25.6
125	12.8	8.2	12.2#



#90
Benzo(a)pyrene
Concen: 1.637 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009545.D
Acq: 04 Feb 2020 01:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	15.8	23.8#
125	12.1	8.7	13.1

