

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
 Data File : BN009961.D
 Acq On : 27 Feb 2020 12:52
 Operator : CG/JU
 Sample : L1536-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 01:14:31 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	106444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	469380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	312837	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	674000	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	679255	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	717761	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	28597	11.05	ng/uL	0.00
5) Phenol-d5	6.58	99	582926	64.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	324806	51.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	464867	68.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	460826	63.98	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	233426	67.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	267041	71.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	473179	65.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	622787	76.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	725950	31.07	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	1865879	67.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	247421	57.98	ng/ul	-0.01
58) Fluorene-d10	15.03	176	1336435	66.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	106935	25.54	ng/ul	0.00
71) Anthracene-d10	16.88	188	2016415	65.27	ng/ul	0.00
79) Pyrene-d10	19.19	212	2343399	66.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	2413645	67.34	ng/ul	0.00

Target Compounds

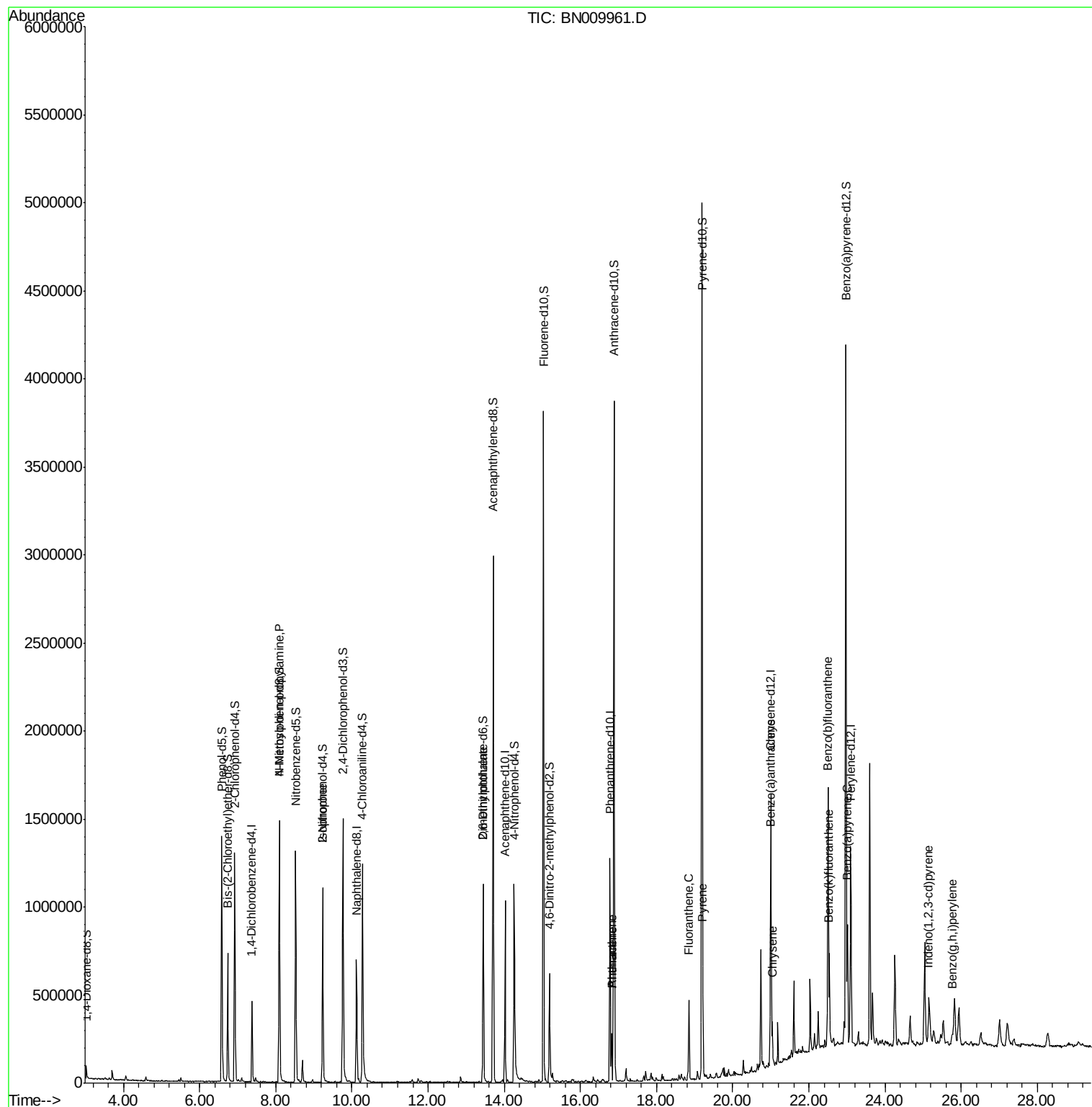
					Ovalue	
15) N-Nitroso-di-n-propylamine	8.09	70	14119	2.302	ng/ul#	1
21) Isophorone	9.23	82	28761	1.615	ng/ul#	74
46) 2,6-Dinitrotoluene	13.46	165	5082	1.065	ng/ul#	31
70) Phenanthrene	16.82	178	153478	3.990	ng/ul	98
72) Anthracene	16.82	178	153478	3.903	ng/ul	97
77) Fluoranthene	18.85	202	263994	5.859	ng/ul	99
80) Pyrene	19.22	202	229981	4.696	ng/ul	97
83) Benzo(a)anthracene	20.99	228	122170	2.617	ng/ul	97
85) Chrysene	21.04	228	132617	2.886	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	168789	3.627	ng/ul#	91
89) Benzo(k)fluoranthene	22.53	252	60208	1.366	ng/ul#	94
91) Benzo(a)pyrene	23.01	252	61422	1.467	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.14	276	73473	1.479	ng/ul	96
94) Benzo(g,h,i)perylene	25.77	276	66309	1.591	ng/ul	96

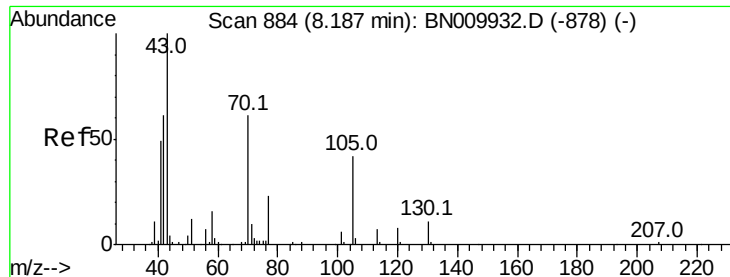
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#15

N-Nitroso-di-n-propylamine

Concen: 2.302 ng/ul

RT: 8.09 min Scan# 868

Delta R.T. -0.09 min

Lab File: BN009961.D

Acq: 27 Feb 2020 12:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 14119

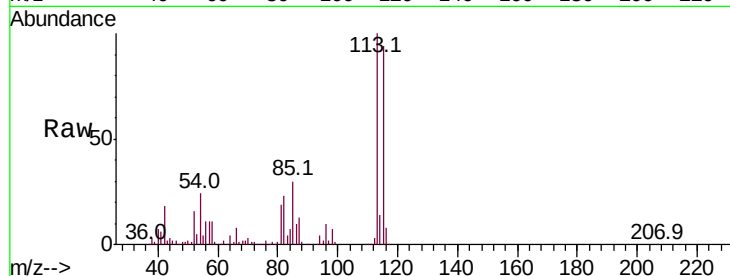
Ion Ratio Lower Upper

70 100

42 619.3 72.6 108.8#

101 0.0 7.7 11.5#

130 0.0 14.7 22.1#

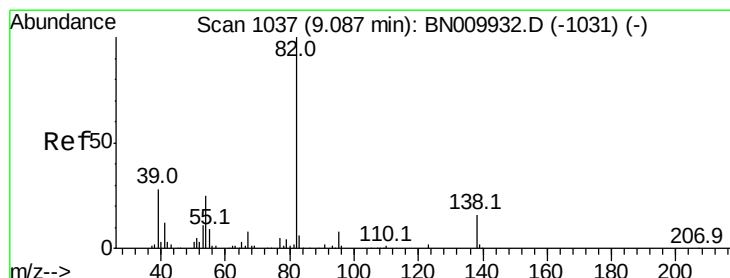
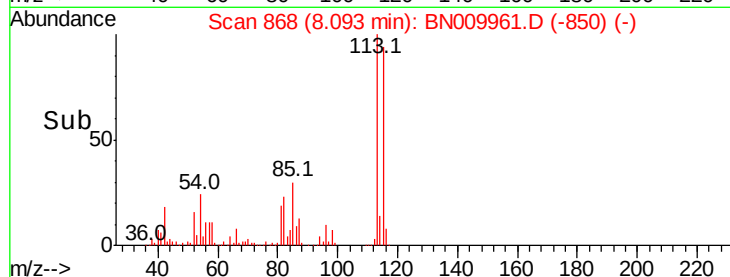
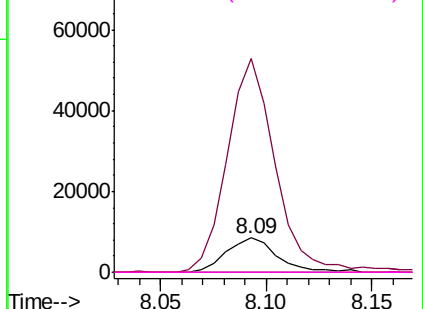


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#21

Isophorone

Concen: 1.615 ng/ul

RT: 9.23 min Scan# 1062

Delta R.T. 0.15 min

Lab File: BN009961.D

Acq: 27 Feb 2020 12:52

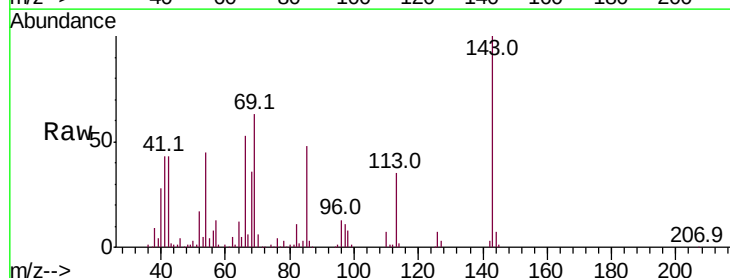
Tgt Ion: 82 Resp: 28761

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

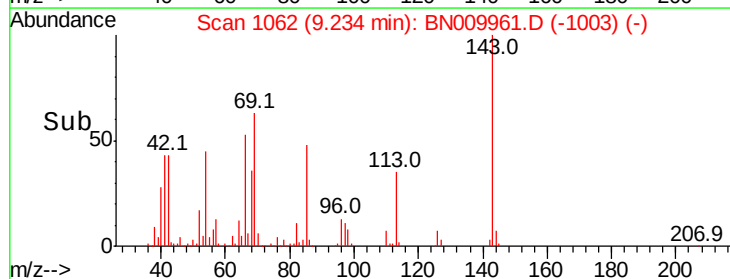
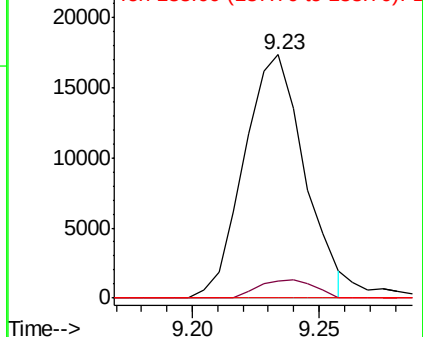
138 0.0 12.6 19.0#

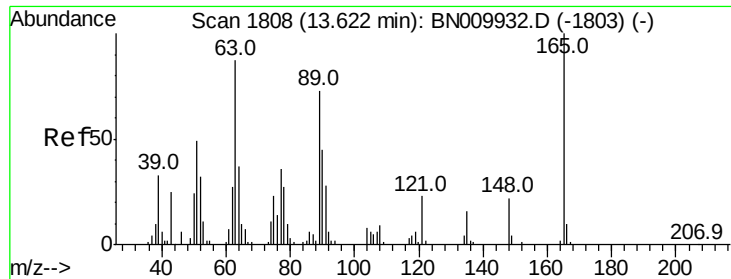


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 138.00 (137.70 to 138.70): E

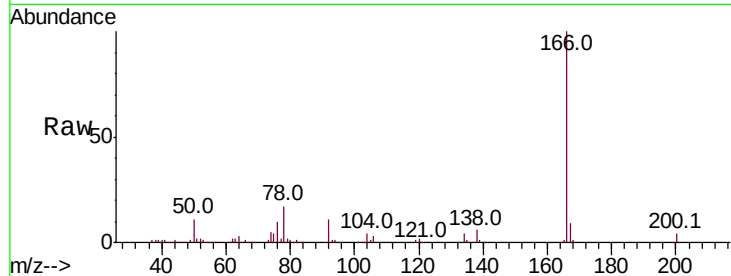




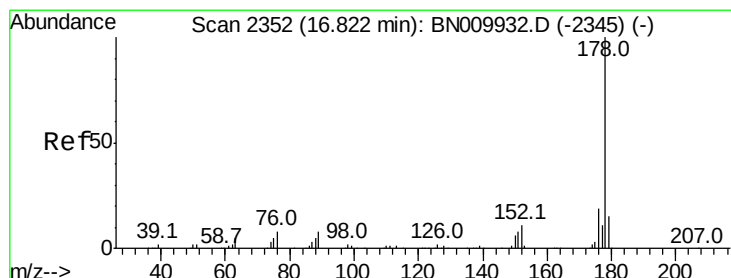
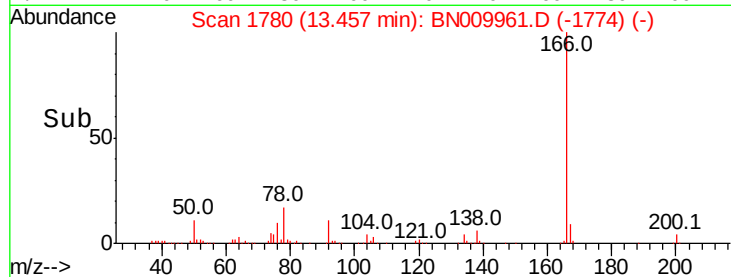
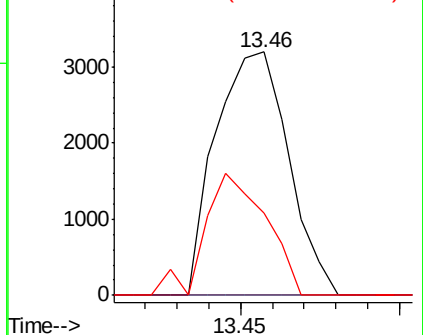
#46
 2,6-Dinitrotoluene
 Concen: 1.065 ng/ul
 RT: 13.46 min Scan# 1780
 Delta R.T. -0.16 min
 Lab File: BN009961.D
 Acq: 27 Feb 2020 12:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 5082
 Ion Ratio Lower Upper
 165 100
 89 0.0 54.1 81.1#
 121 33.9 18.1 27.1#

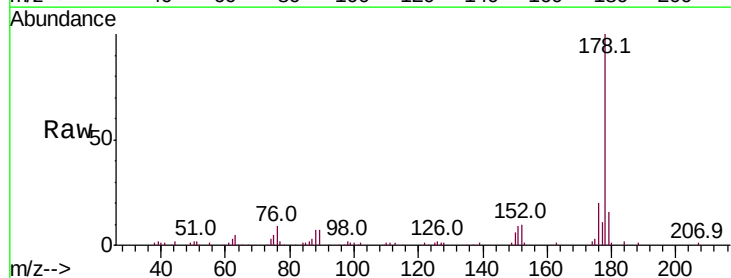


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

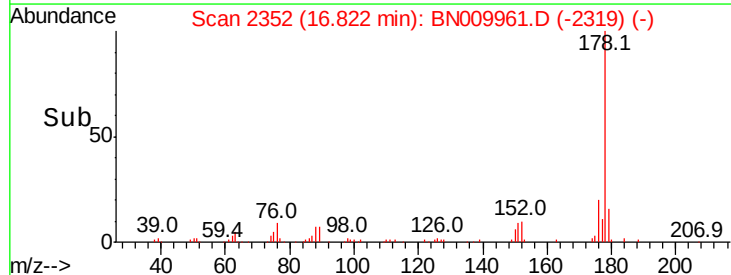
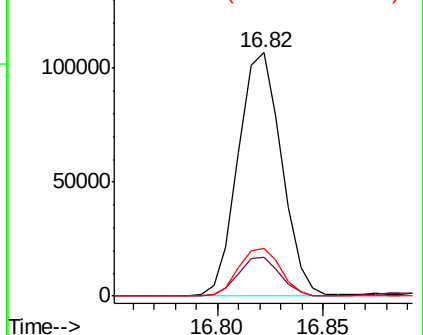


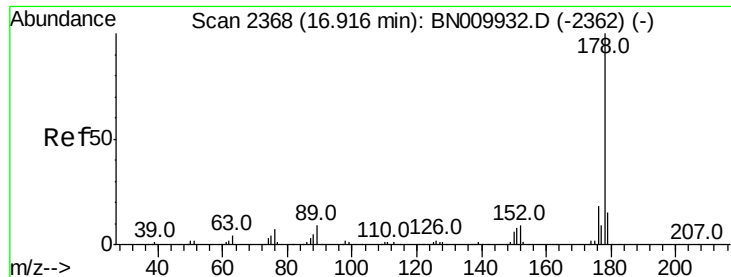
#70
 Phenanthrene
 Concen: 3.990 ng/ul
 RT: 16.82 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BN009961.D
 Acq: 27 Feb 2020 12:52

Tgt Ion:178 Resp: 153478
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 19.6 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: 3.903 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.09 min

Lab File: BN009961.D

Acq: 27 Feb 2020 12:52

Instrument :

BNA_N

ClientSampleId :

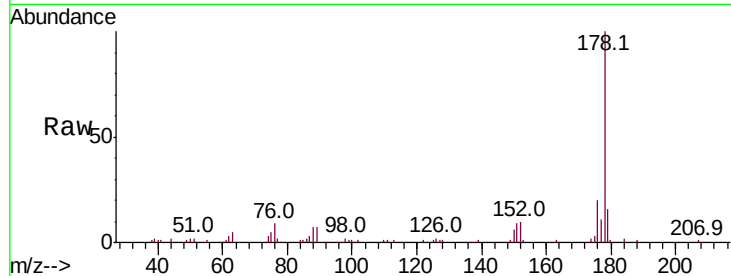
Tot Ion:178 Resp: 153478

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

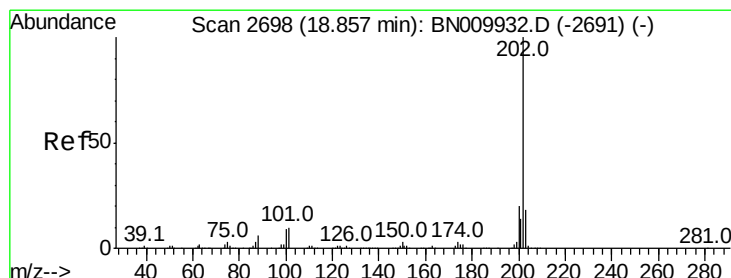
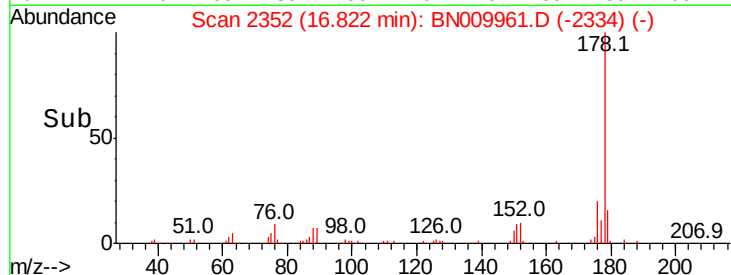
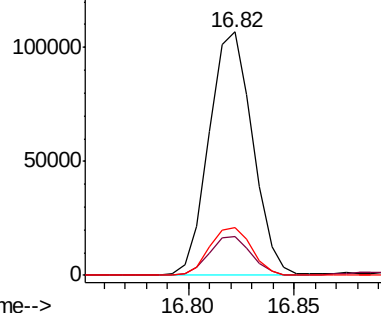
176 19.6 14.6 21.8



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: 5.859 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BN009961.D

Acq: 27 Feb 2020 12:52

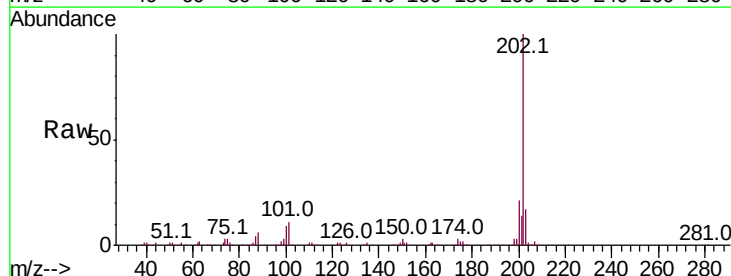
Tgt Ion:202 Resp: 263994

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

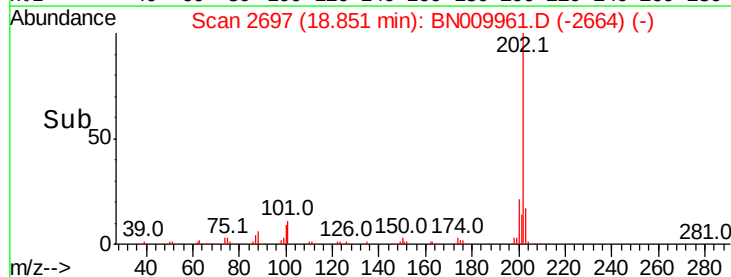
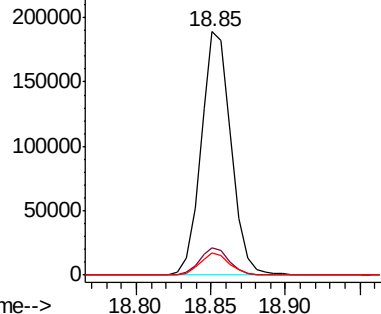
100 9.2 7.2 10.8

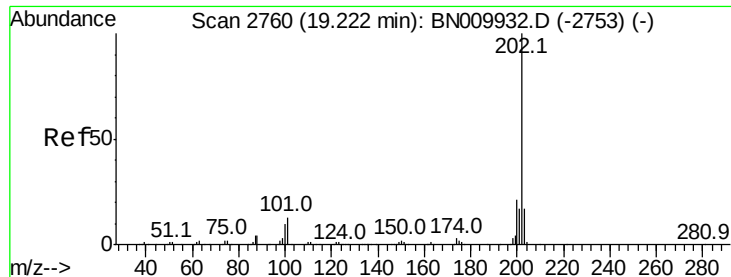


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

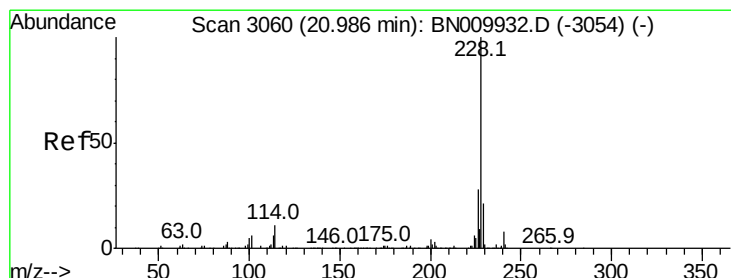
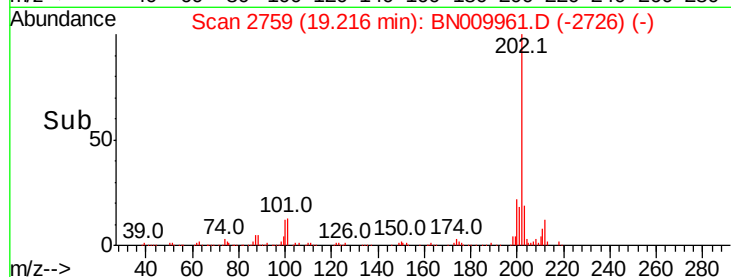
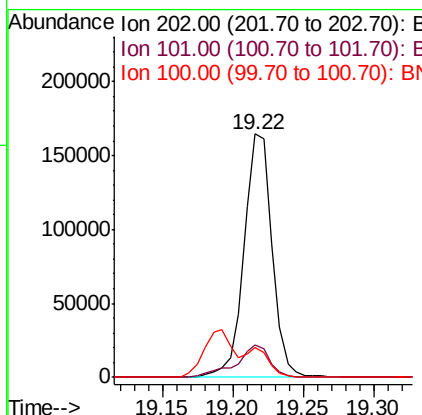
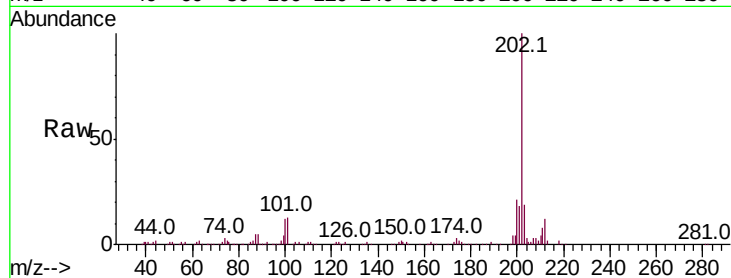




#80
Pvrene
Concen: 4.696 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

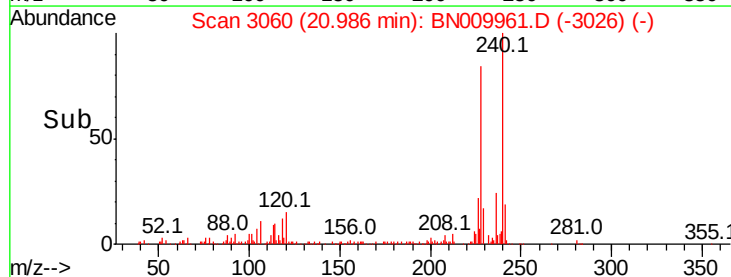
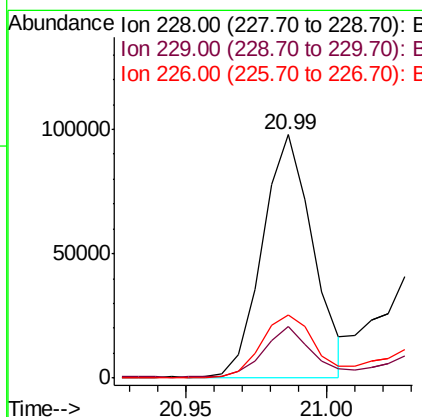
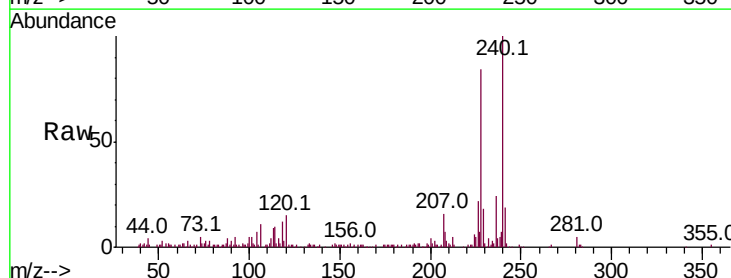
Instrument :
BNA_N
ClientSampled :

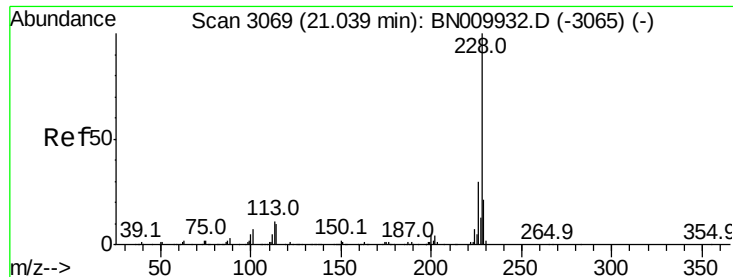
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.3	16.9
100	12.3	9.0	13.6



#83
Benzo(a)anthracene
Concen: 2.617 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.0	22.4
226	26.0	21.4	32.2

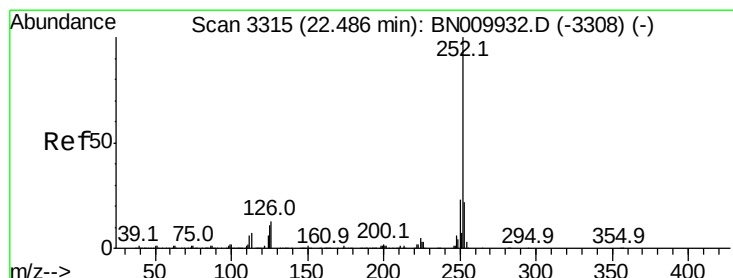
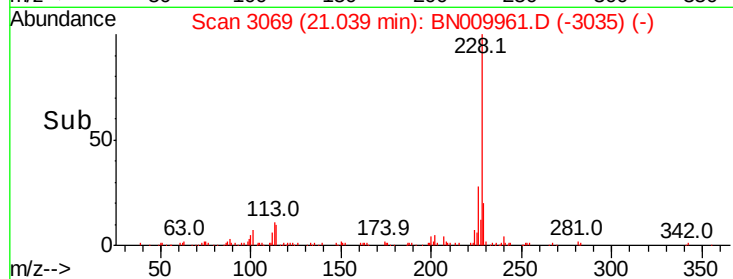
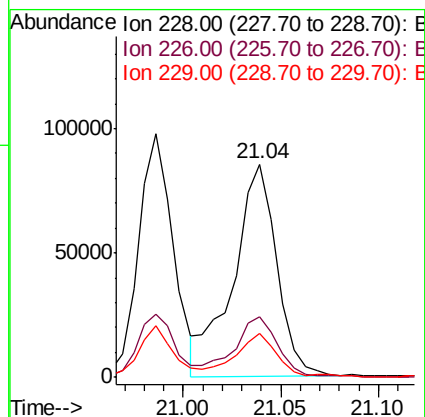
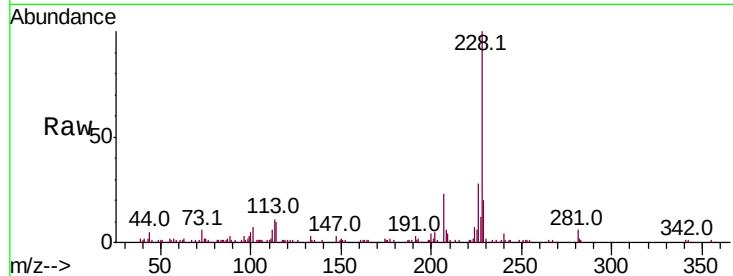




#85
Chrysene
Concen: 2.886 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

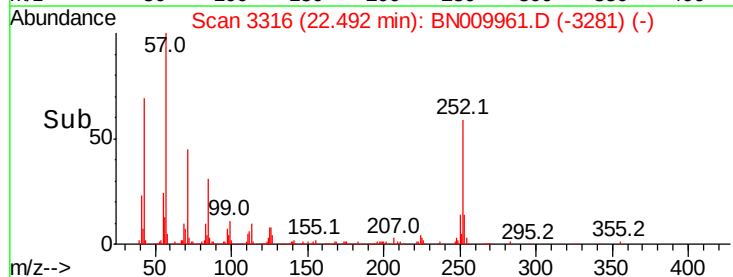
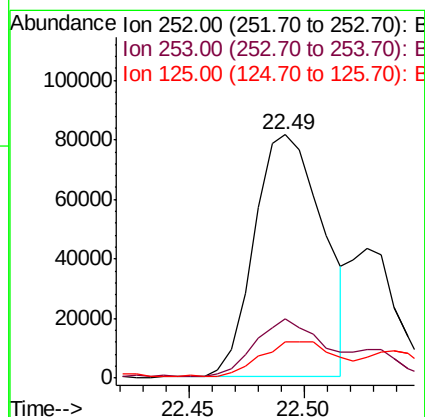
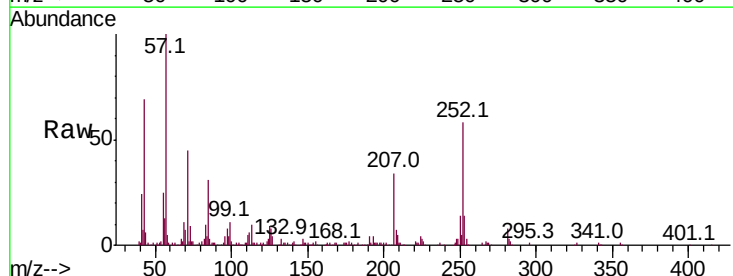
Instrument :
BNA_N
ClientSampled :

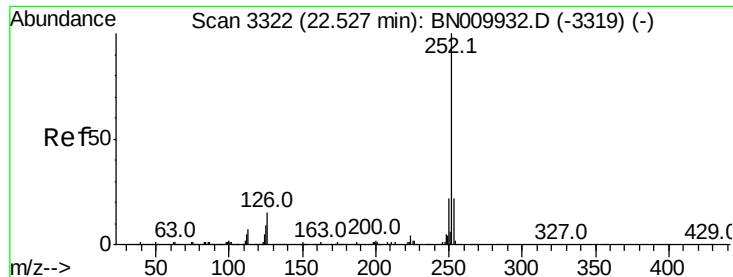
Tot Ion:228	Resp:	132617
Ion Ratio	Lower	Upper
228	100	
226	28.4	23.4 35.2
229	20.4	15.0 22.4



#88
Benzo(b)fluoranthene
Concen: 3.627 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. 0.01 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

Tgt Ion:252	Resp:	168789
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.0 25.4
125	14.8	8.0 12.0#

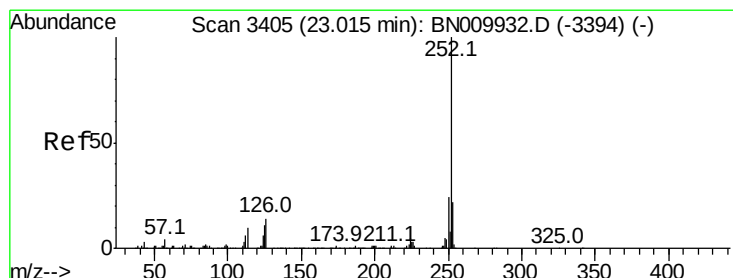
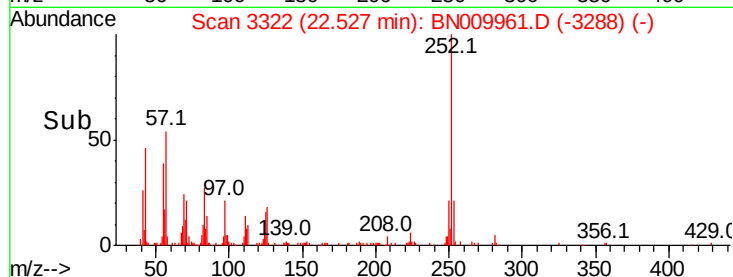
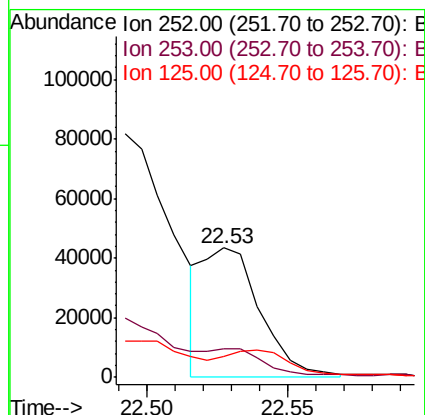
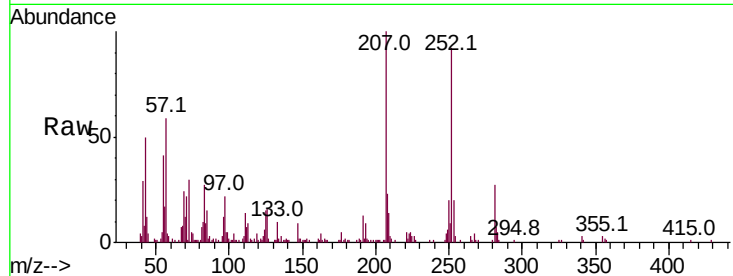




#89
Benzo(k)fluoranthene
Concen: 1.366 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

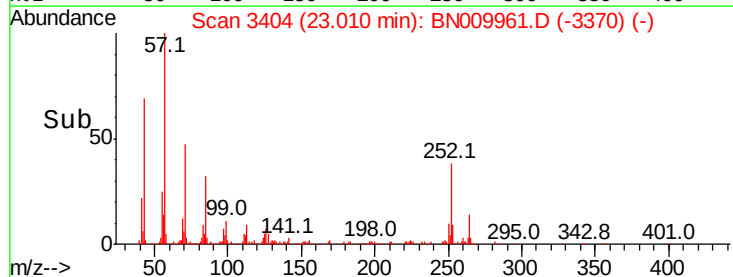
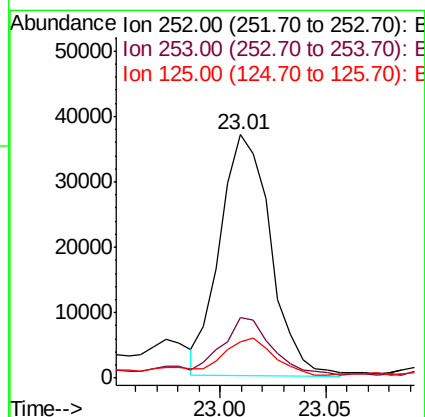
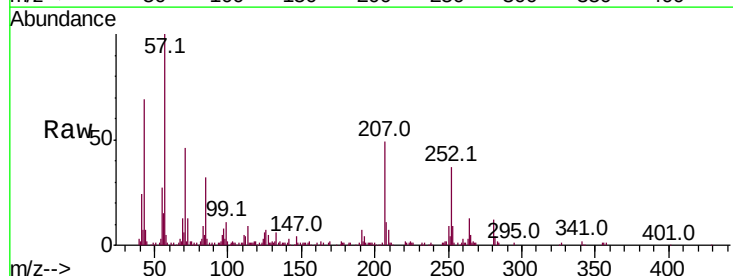
Instrument :
BNA_N
ClientSampleId :

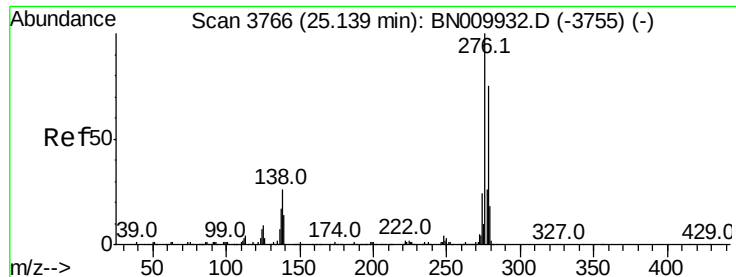
Tot Ion:252 Resp: 60208
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 16.6 8.2 12.2#



#91
Benzo(a)pyrene
Concen: 1.467 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN009961.D
Acq: 27 Feb 2020 12:52

Tgt Ion:252 Resp: 61422
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 15.0 9.0 13.6#

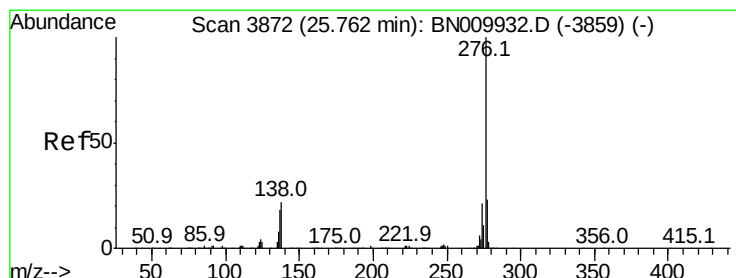
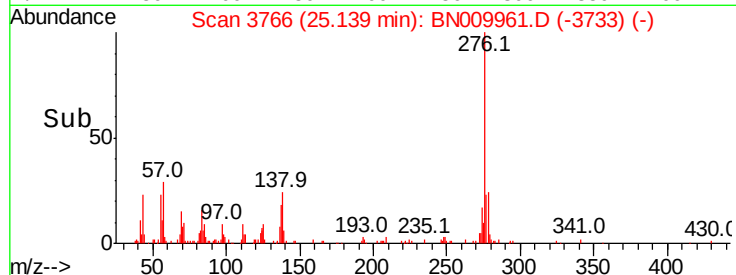
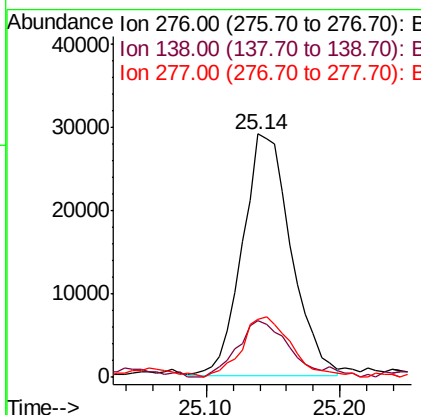
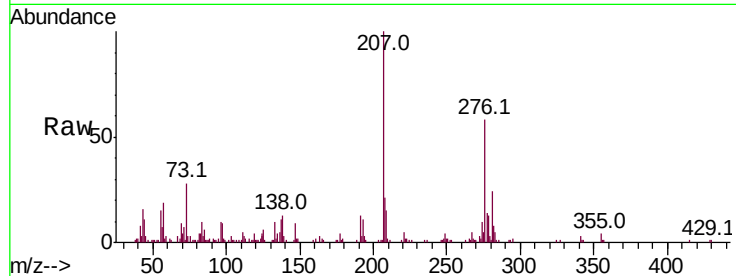




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.479 ng/ul
 RT: 25.14 min Scan# 3766
 Delta R.T. -0.01 min
 Lab File: BN009961.D
 Acq: 27 Feb 2020 12:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.9	31.3
277	23.6	18.2	27.4



#94
 Benzo(g,h,i)perylene
 Concen: 1.591 ng/ul
 RT: 25.77 min Scan# 3873
 Delta R.T. 0.01 min
 Lab File: BN009961.D
 Acq: 27 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.5	26.3
277	25.5	18.1	27.1

