

Data File : BN005987.D
Acq On : 31 May 2019 19:28
Operator : JU/SJ
Sample : K2923-12RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4259

Quant Time: Jun 01 01:52:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	457835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1759747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	862890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1730796	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1437331	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1658202	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	57159	5.49	ng/uL	0.01
5) Phenol-d5	6.92	99	1063947	26.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	619336	26.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	874214	28.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	725582	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	410312	36.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	444289	42.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	759819	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	265124	8.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1998382	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2527642	31.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	271021	23.41	ng/ul	0.00
57) Fluorene-d10	15.40	176	1657579	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	127177	18.03	ng/ul	0.00
70) Anthracene-d10	17.25	188	2400290	32.58	ng/ul	0.00
78) Pyrene-d10	19.56	212	2440527	33.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.54	264	2385680	32.24	ng/ul	0.01

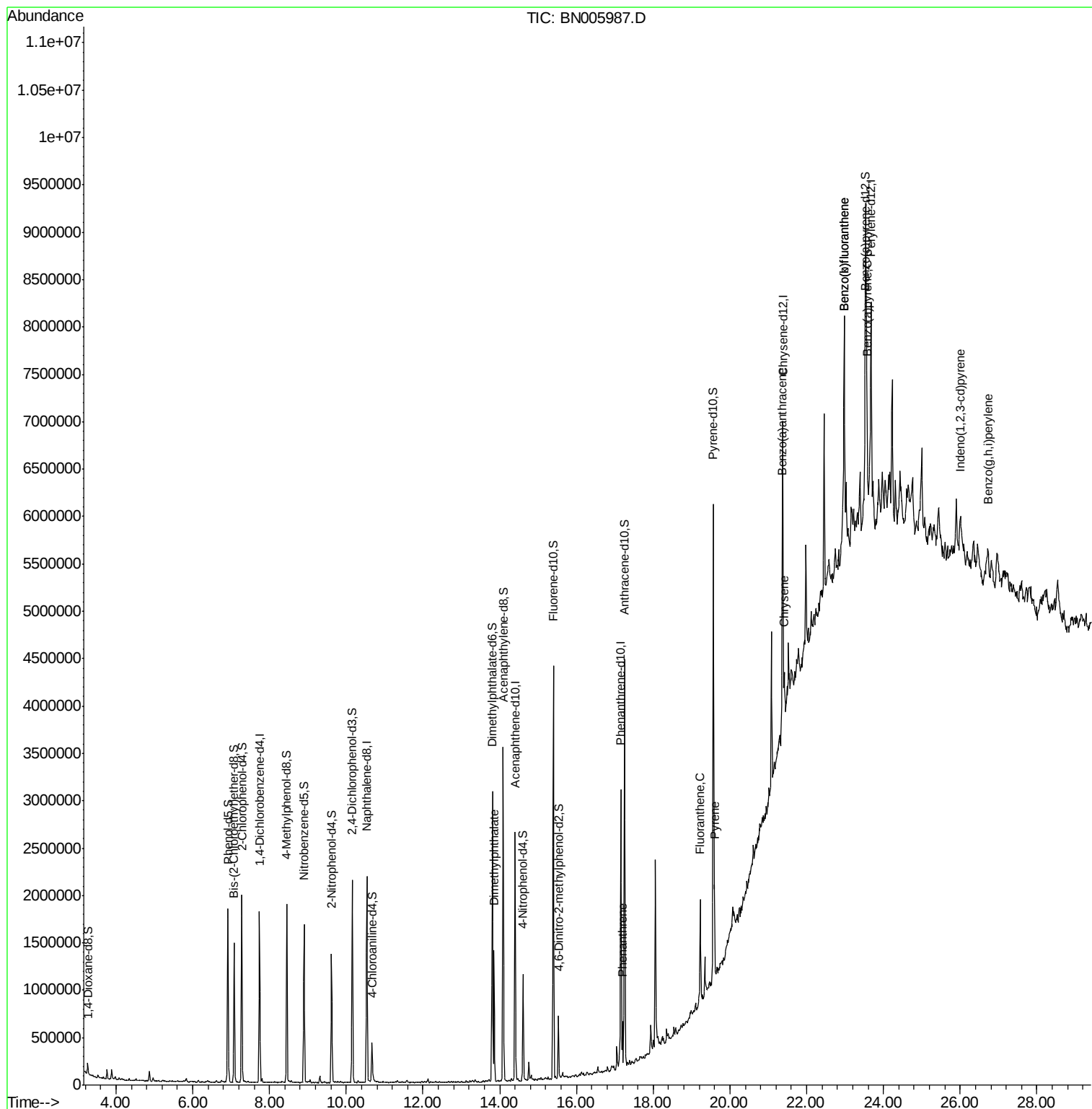
Target Compounds				Qvalue		
44) Dimethylphthalate	13.85	163	818435	12.873	ng/ul	100
69) Phenanthrene	17.20	178	280950	3.276	ng/ul	100
76) Fluoranthene	19.23	202	609590	6.659	ng/ul	96
79) Pyrene	19.59	202	547189	6.010	ng/ul	98
82) Benzo(a)anthracene	21.36	228	265707	2.941	ng/ul#	90
84) Chrysene	21.41	228	305807	3.629	ng/ul#	92
87) Benzo(b)fluoranthene	22.99	252	462649	4.967	ng/ul#	74
88) Benzo(k)fluoranthene	22.99	252	462649	5.403	ng/ul#	72
90) Benzo(a)pyrene	23.58	252	282442	3.216	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	26.01	276	247262	2.399	ng/ul#	87
93) Benzo(g,h,i)perylene	26.73	276	248961	2.868	ng/ul#	77

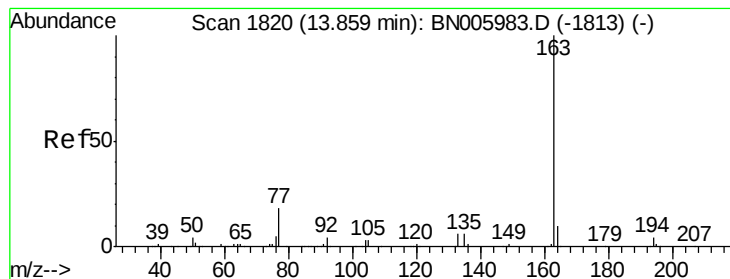
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 12.873 ng/ul

RT: 13.85 min Scan# 1819

Delta R.T. -0.01 min

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ClientSampleId :

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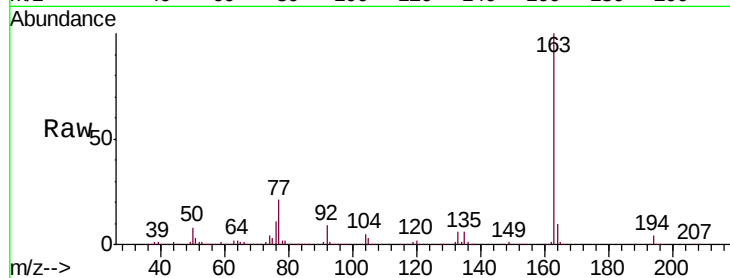
Tgt Ion:163 Resp: 818435

Ion Ratio Lower Upper

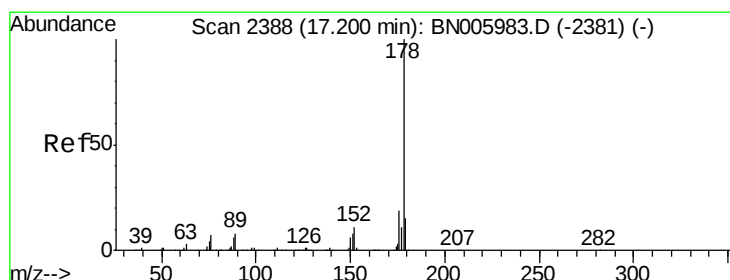
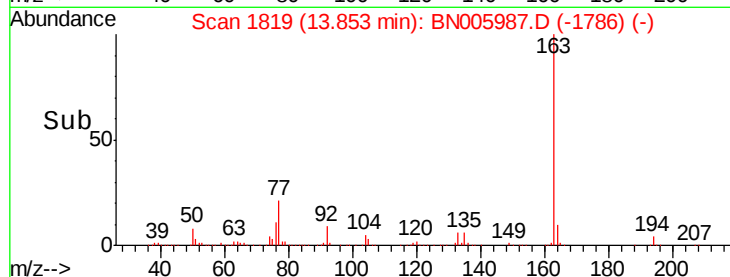
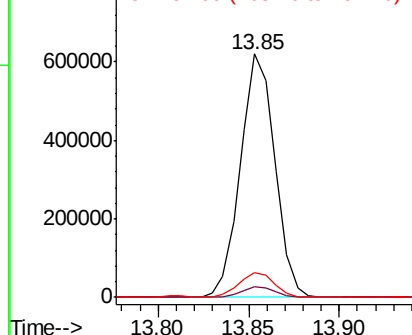
163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1



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: 3.276 ng/ul

RT: 17.20 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

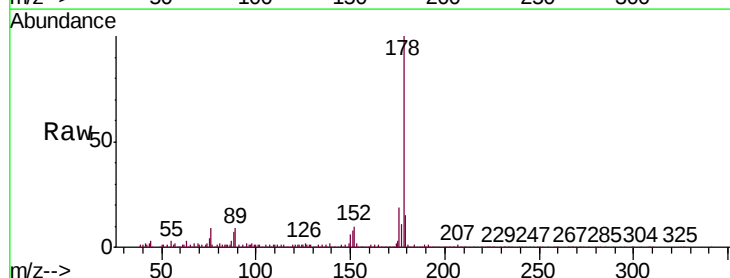
Tgt Ion:178 Resp: 280950

Ion Ratio Lower Upper

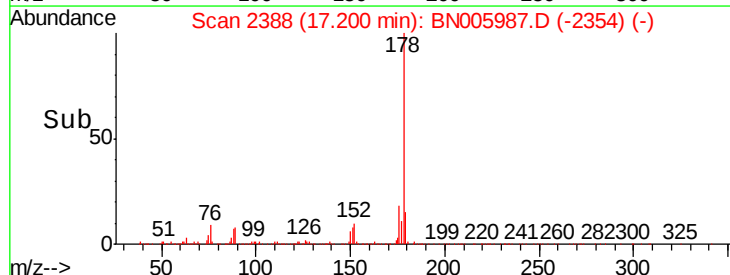
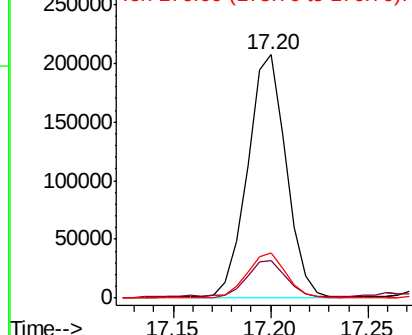
178 100

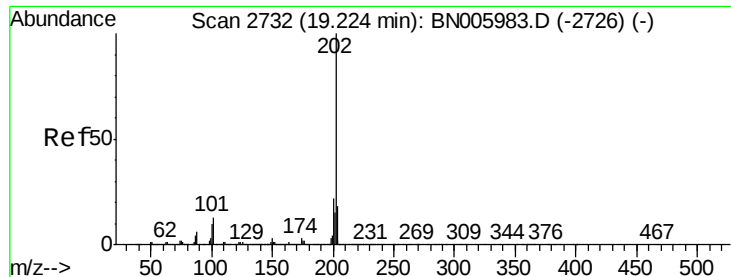
179 15.3 12.2 18.4

176 18.6 15.1 22.7



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

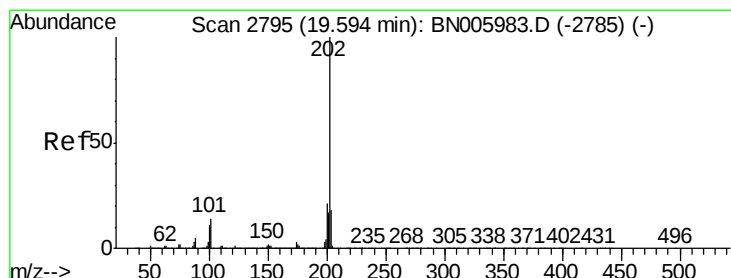
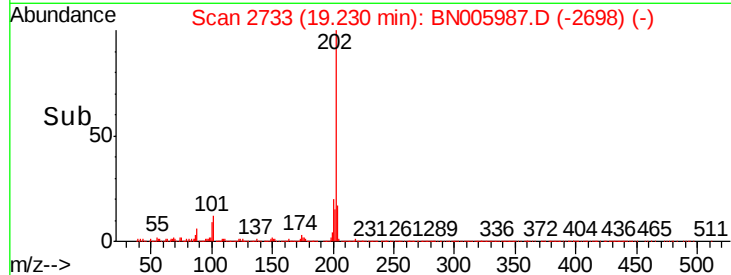
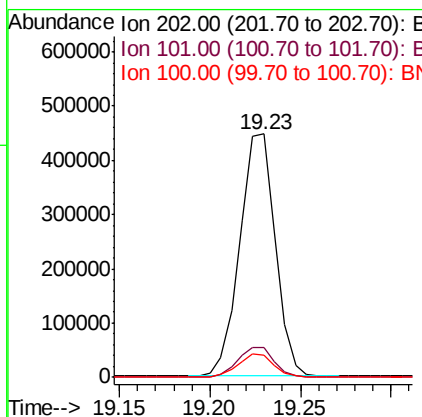
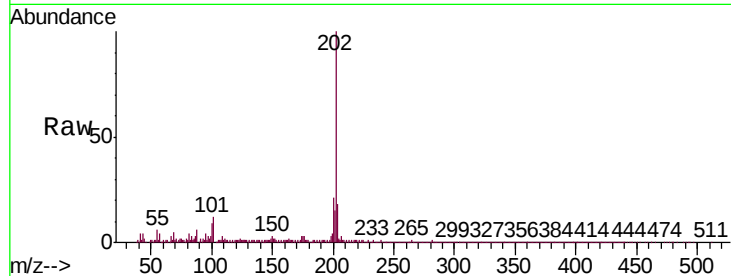




#76
 Fluoranthene
 Concen: 6.659 ng/ul
 RT: 19.23 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BN005987.D
 Acq: 31 May 2019 19:28

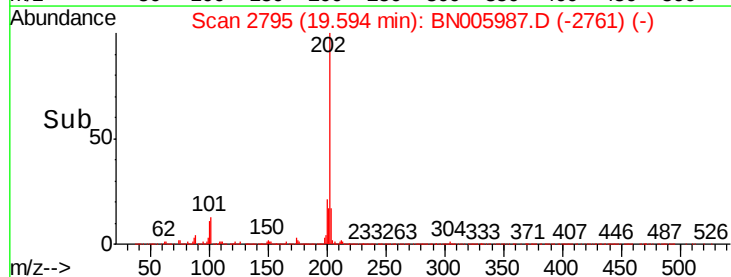
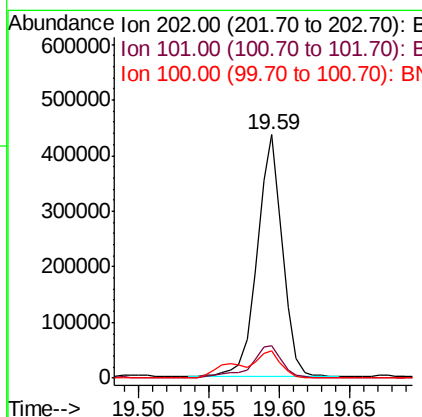
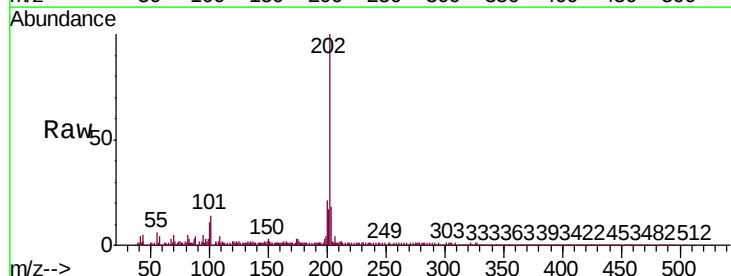
Instrument :
 BNA_N
 ClientSampleId :
 A4259

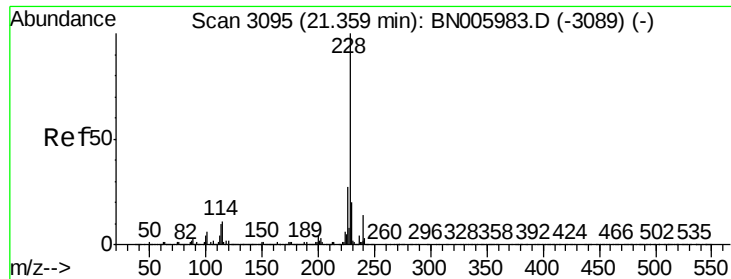
Tgt Ion:	202	Resp:	609590
Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	9.0	6.3	9.5



#79
 Pyrene
 Concen: 6.010 ng/ul
 RT: 19.59 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BN005987.D
 Acq: 31 May 2019 19:28

Tgt Ion:	202	Resp:	547189
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	11.0	7.9	11.9





#82

Benzo(a)anthracene

Concen: 2.941 ng/ul

RT: 21.36 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

Instrument :

BNA_N

ClientSampleId :

A4259

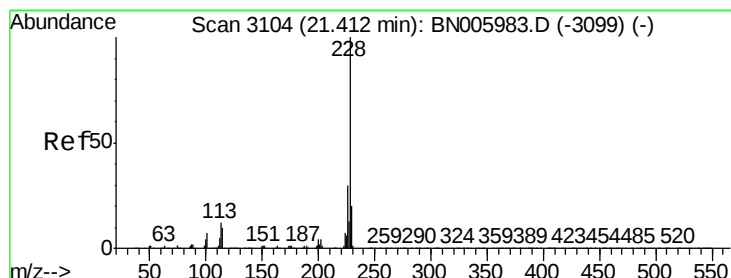
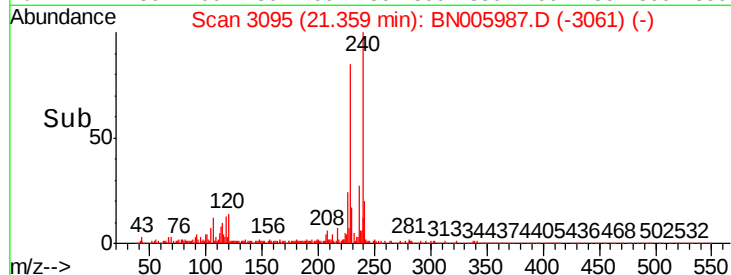
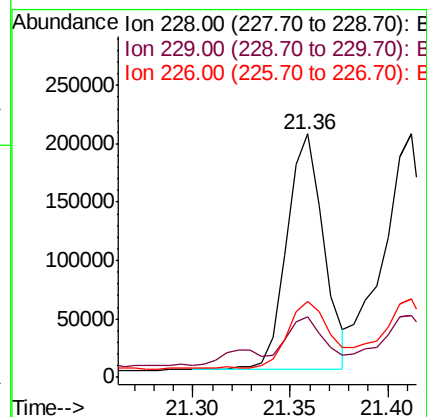
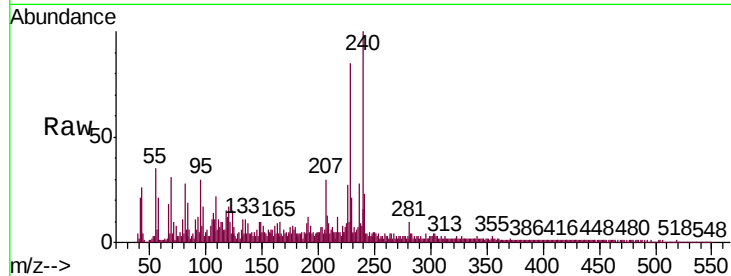
Tgt Ion:228 Resp: 265707

Ion Ratio Lower Upper

228 100

229 25.1 15.8 23.6#

226 31.1 21.4 32.2



#84

Chrysene

Concen: 3.629 ng/ul

RT: 21.41 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

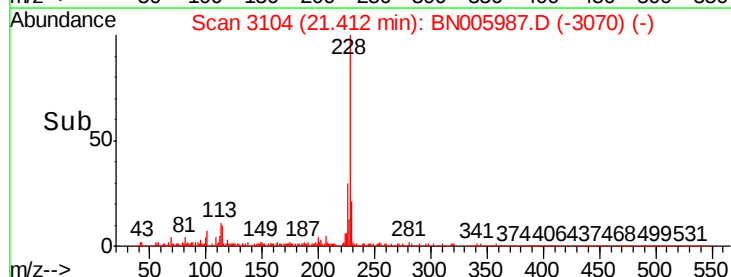
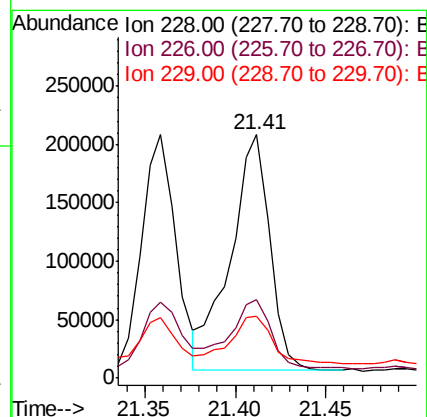
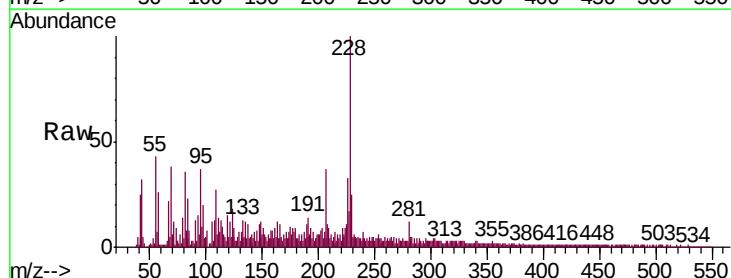
Tgt Ion:228 Resp: 305807

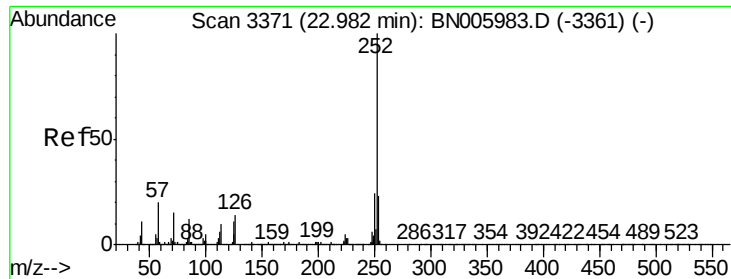
Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

229 25.5 15.4 23.0#





#87

Benzo(b)fluoranthene

Concen: 4.967 ng/ul

RT: 22.99 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

Instrument :

BNA_N

ClientSampleId :

A4259

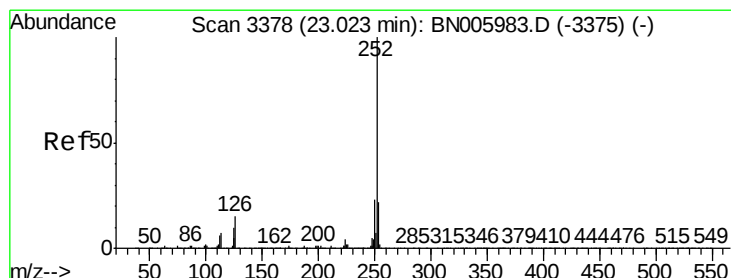
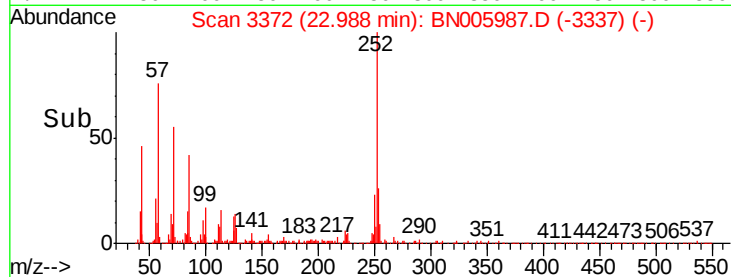
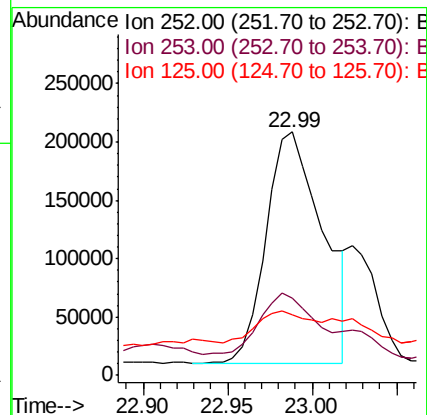
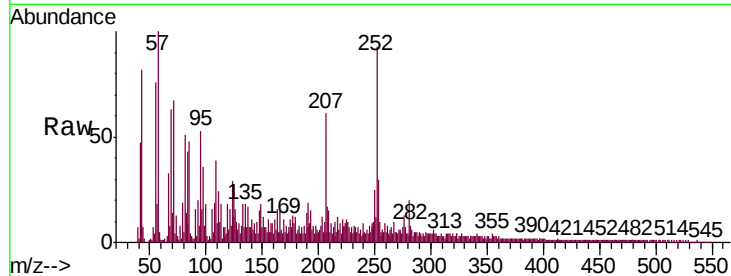
Tgt Ion:252 Resp: 462649

Ion Ratio Lower Upper

252 100

253 31.9 17.7 26.5#

125 24.9 8.4 12.6#



#88

Benzo(k)fluoranthene

Concen: 5.403 ng/ul

RT: 22.99 min Scan# 3372

Delta R.T. -0.04 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

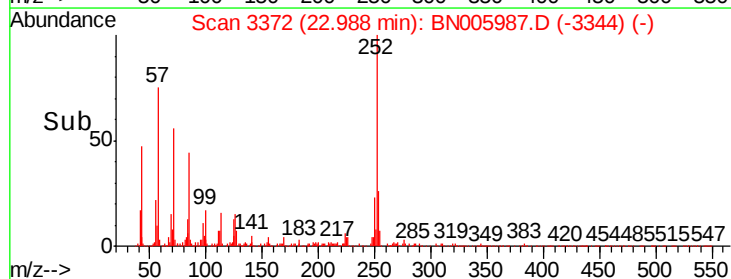
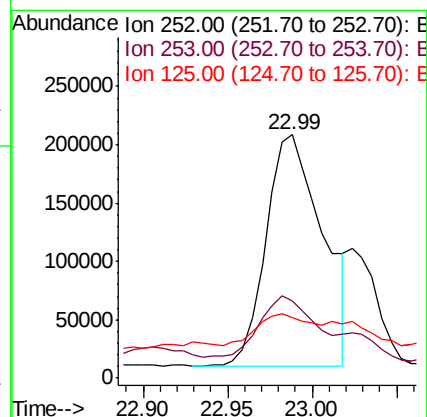
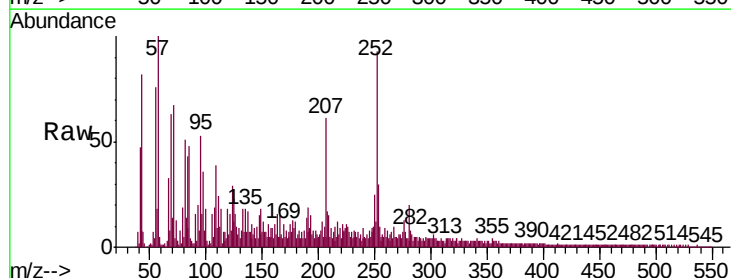
Tgt Ion:252 Resp: 462649

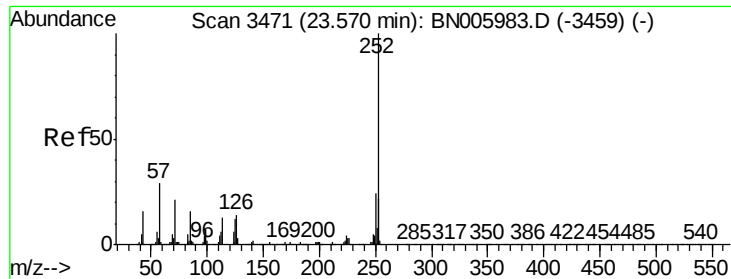
Ion Ratio Lower Upper

252 100

253 31.9 17.4 26.0#

125 24.9 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 3.216 ng/ul

RT: 23.58 min Scan# 3472

Delta R.T. 0.01 min

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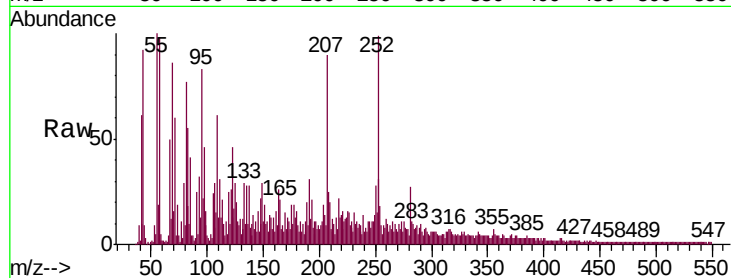
Tgt Ion:252 Resp: 282442

Ion Ratio Lower Upper

252 100

253 31.3 17.3 25.9#

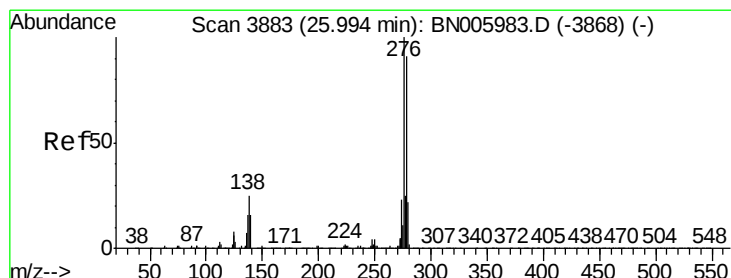
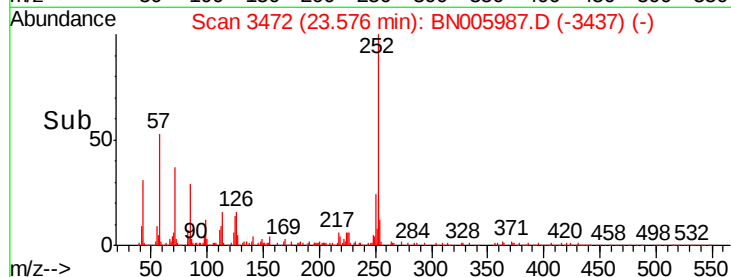
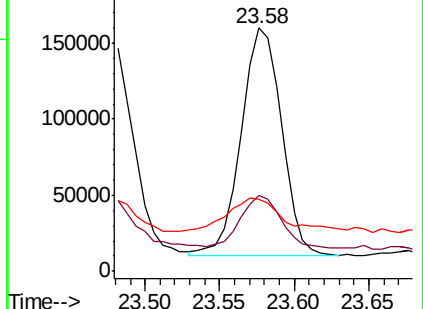
125 29.6 8.6 13.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.399 ng/ul

RT: 26.01 min Scan# 3886

Delta R.T. 0.02 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

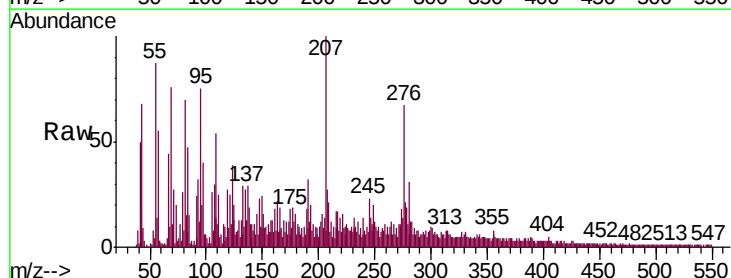
Tgt Ion:276 Resp: 247262

Ion Ratio Lower Upper

276 100

138 28.0 17.9 26.9#

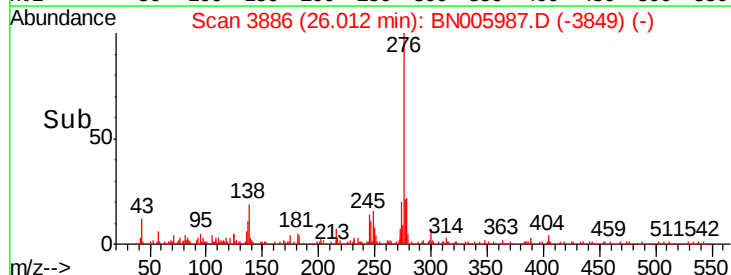
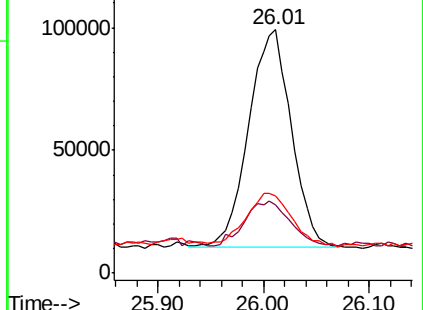
277 31.6 19.7 29.5#

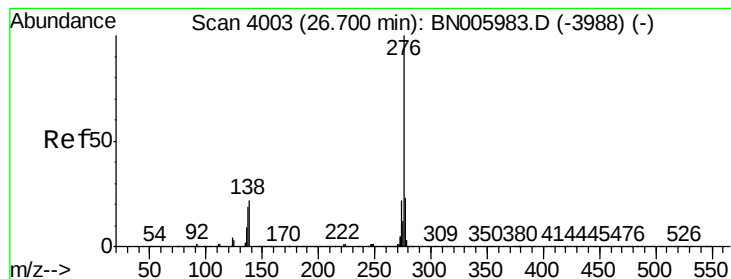


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.868 ng/ul

RT: 26.73 min Scan# 4008

Delta R.T. 0.03 min

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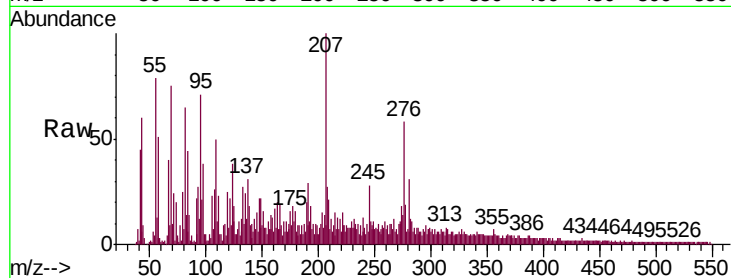
Tgt Ion:276 Resp: 248961

Ion Ratio Lower Upper

276 100

138 31.5 16.7 25.1#

277 33.5 18.2 27.2#



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

