

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
 Data File : BN005973.D
 Acq On : 31 May 2019 09:50
 Operator : JU/SJ
 Sample : K2924-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4270

Quant Time: May 31 14:05:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	536913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2287300	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	1202299	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	2220394	20.00	ng/ul	0.02
77) Chrysene-d12	21.36	240	1630879	20.00	ng/ul	0.03
85) Perylene-d12	23.65	264	1906635	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	81399	6.67	ng/uL	0.00
5) Phenol-d5	6.89	99	1811901	38.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	1022767	37.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	1412602	38.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	1267534	33.00	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	690396	47.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	762176	55.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	1318394	40.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1213729	28.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	3622847	40.87	ng/ul	0.02
46) Acenaphthylene-d8	14.08	160	4509186	40.67	ng/ul	0.02
51) 4-Nitrophenol-d4	14.58	143	515747	31.97	ng/ul	0.02
57) Fluorene-d10	15.38	176	2909666	39.14	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	382500	42.27	ng/ul	0.03
70) Anthracene-d10	17.24	188	3727382	39.44	ng/ul	0.03
78) Pyrene-d10	19.55	212	3557476	43.19	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.50	264	3371425	39.63	ng/ul	0.05

Target Compounds

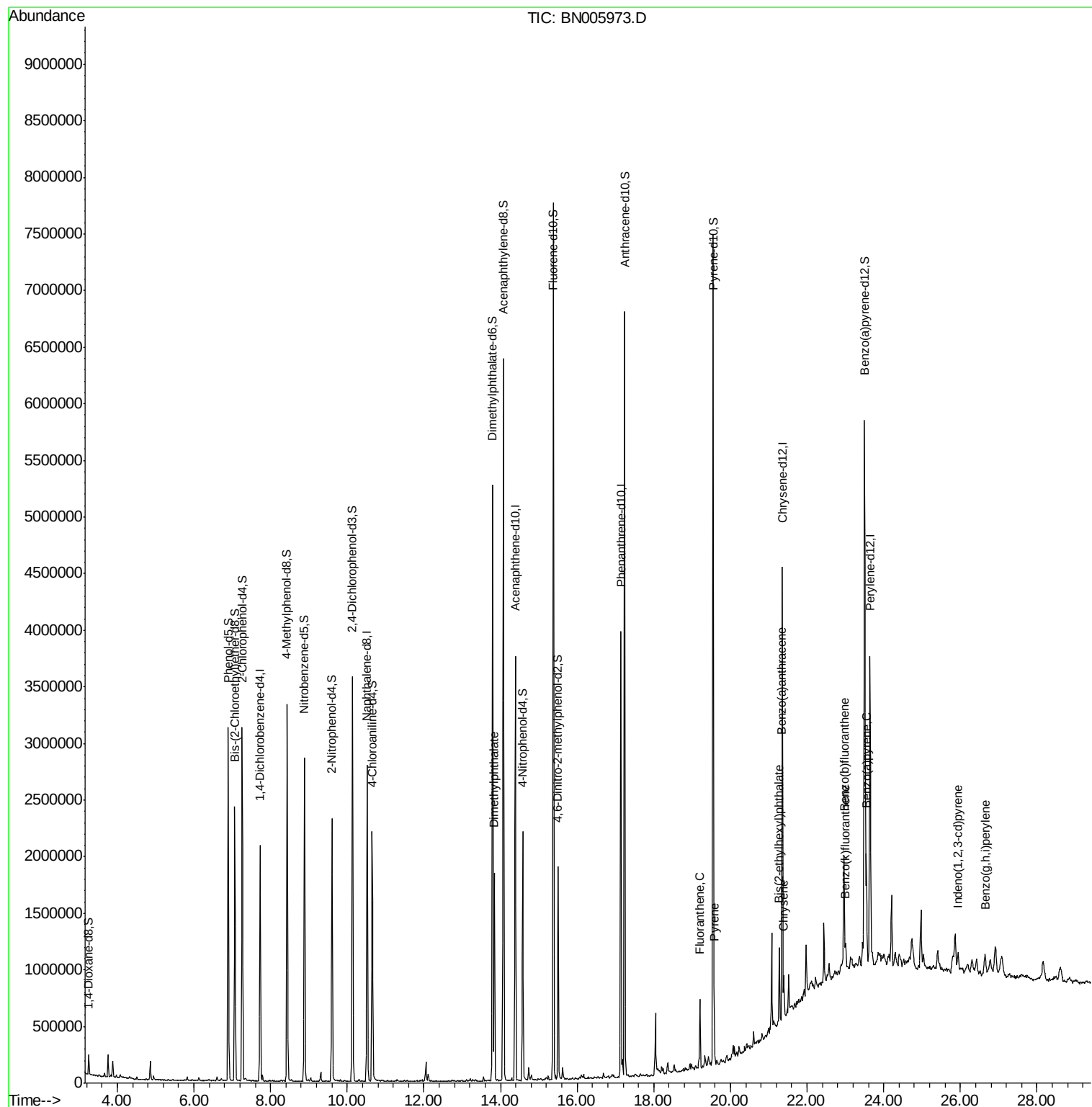
					Ovalue	
44) Dimethylphthalate	13.84	163	1099292	12.409	ng/ul	99
76) Fluoranthene	19.21	202	329715	2.807	ng/ul#	95
79) Pyrene	19.58	202	328173	3.177	ng/ul	97
82) Benzo(a)anthracene	21.34	228	212042	2.068	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.28	149	217965	3.239	ng/ul	98
84) Chrysene	21.39	228	202242	2.115	ng/ul	96
87) Benzo(b)fluoranthene	22.96	252	312697	2.920	ng/ul#	88
88) Benzo(k)fluoranthene	23.00	252	109677	1.114	ng/ul#	89
90) Benzo(a)pyrene	23.55	252	222829	2.206	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.94	276	172306	1.454	ng/ul	96
93) Benzo(g,h,i)perylene	26.64	276	141417	1.417	ng/ul#	91

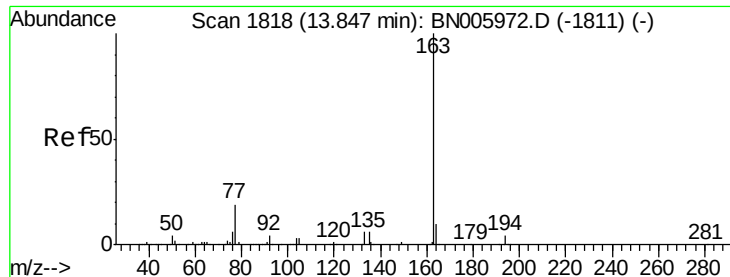
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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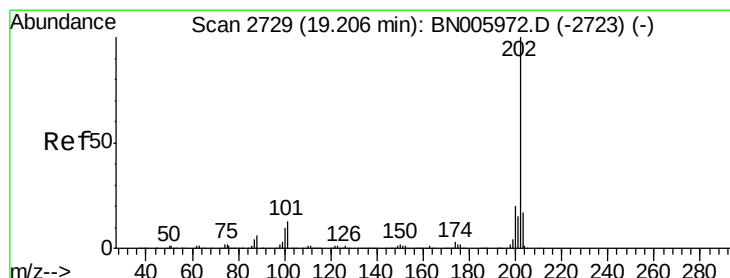
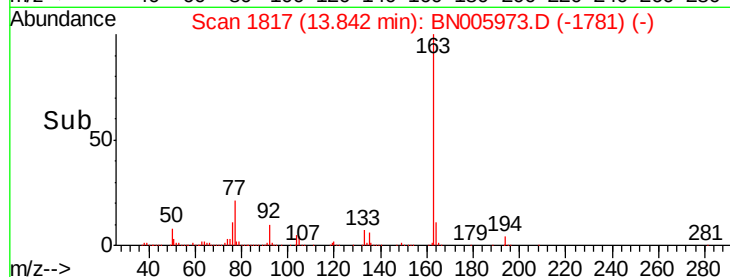
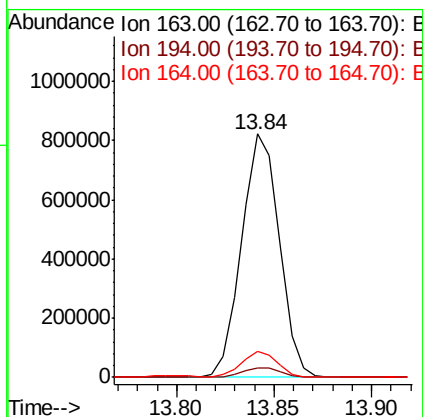
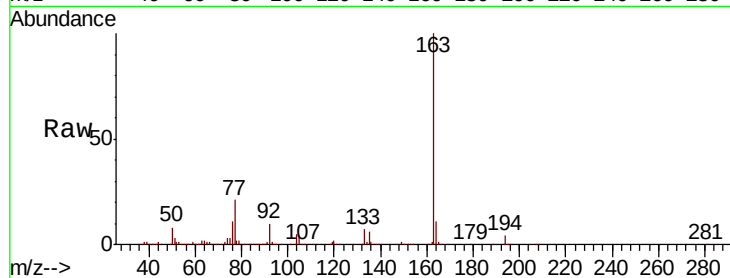




#44
Dimethylphthalate
Concen: 12.409 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005973.D
Acq: 31 May 2019 09:50

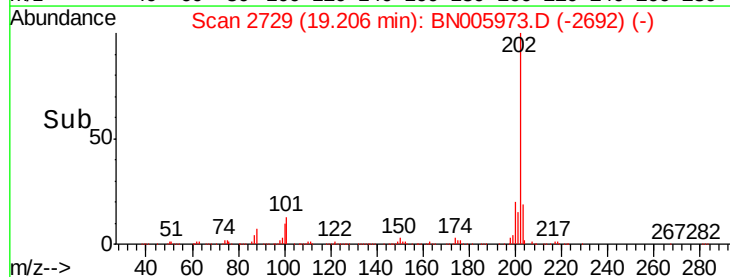
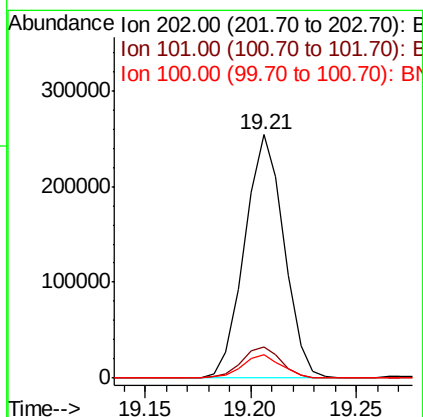
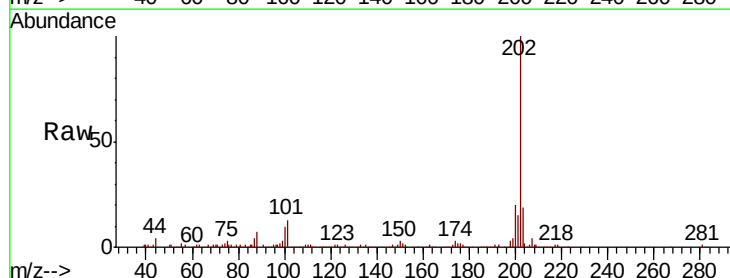
Instrument :
BNA_N
ClientSampleId :
A4270

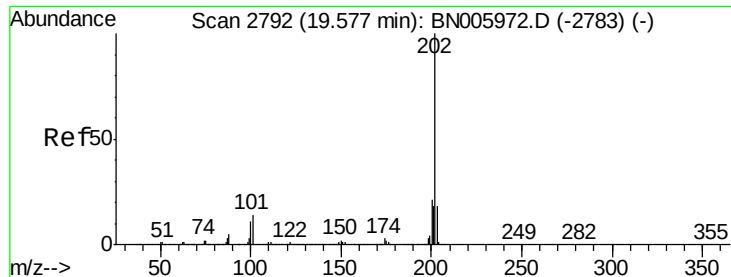
Tot Ion:163 Resp: 1099292
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.5 8.1 12.1



#76
Fluoranthene
Concen: 2.807 ng/ul
RT: 19.21 min Scan# 2729
Delta R.T. 0.02 min
Lab File: BN005973.D
Acq: 31 May 2019 09:50

Tgt Ion:202 Resp: 329715
Ion Ratio Lower Upper
202 100
101 12.9 8.6 12.8#
100 9.7 6.3 9.5#





#79

Pvrene

Concen: 3.177 ng/ul

RT: 19.58 min Scan# 2792

Delta R.T. 0.03 min

Lab File: BN005973.D

Acq: 31 May 2019 09:50

Instrument :

BNA_N

ClientSampleId :

A4270

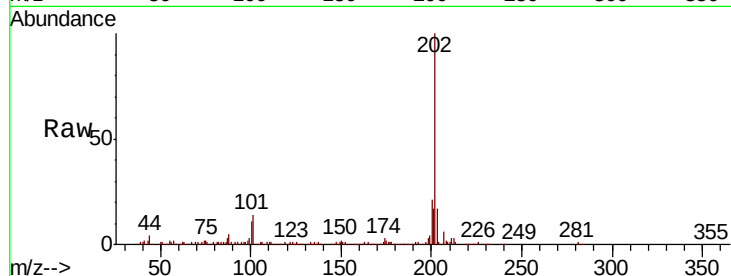
Tot Ion:202 Resp: 328173

Ion Ratio Lower Upper

202 100

101 14.1 10.3 15.5

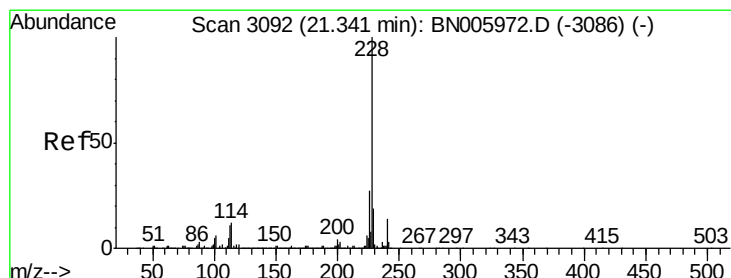
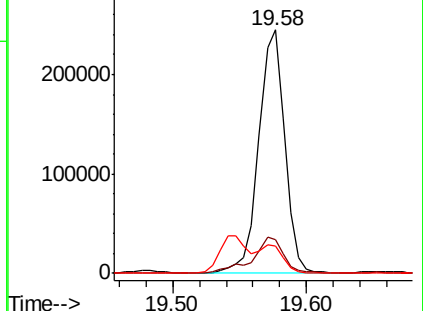
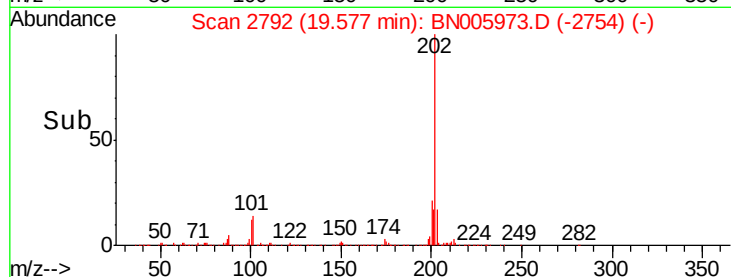
100 11.0 7.9 11.9



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: 2.068 ng/ul

RT: 21.34 min Scan# 3092

Delta R.T. 0.03 min

Lab File: BN005973.D

Acq: 31 May 2019 09:50

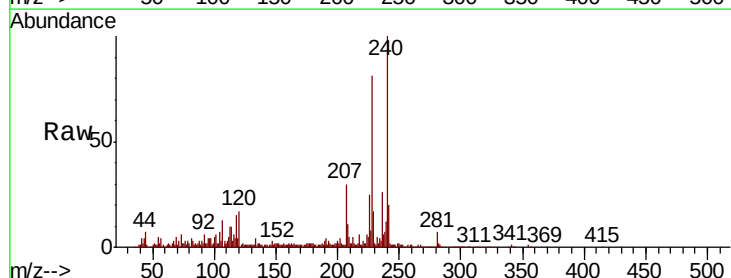
Tgt Ion:228 Resp: 212042

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

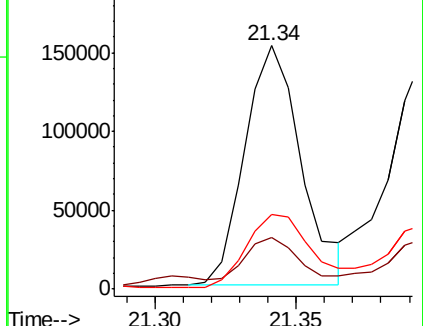
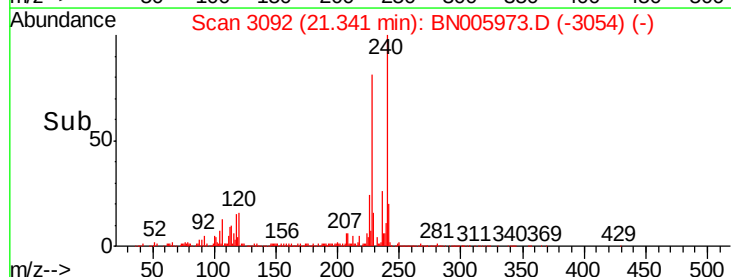
226 30.9 21.4 32.2

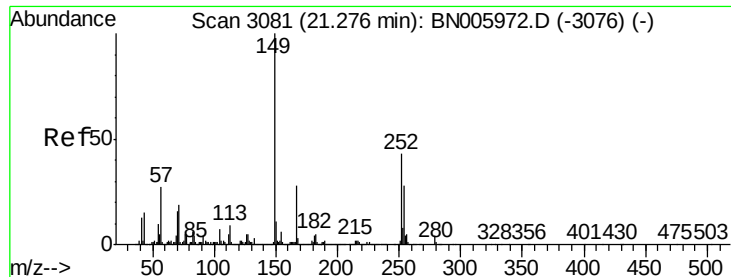


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

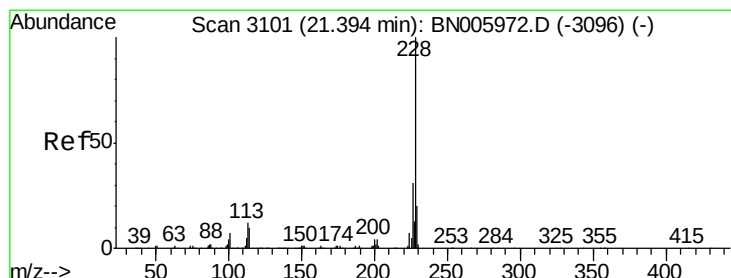
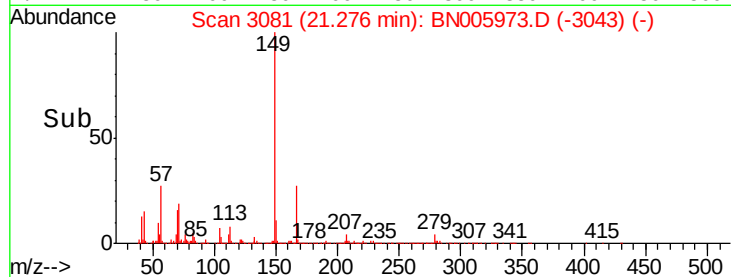
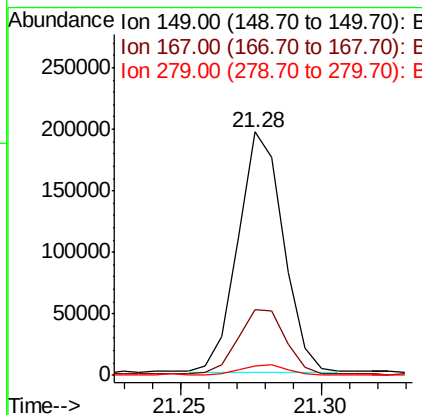
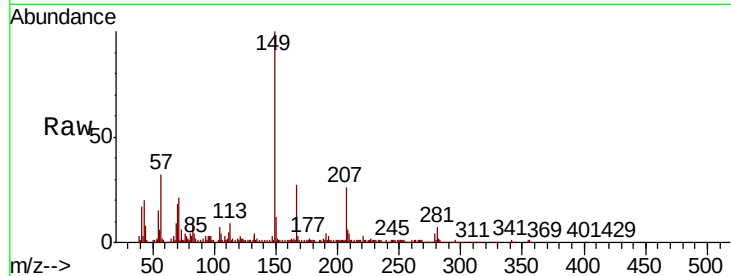




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.239 ng/ul
 RT: 21.28 min Scan# 3081
 Delta R.T. 0.03 min
 Lab File: BN005973.D
 Acq: 31 May 2019 09:50

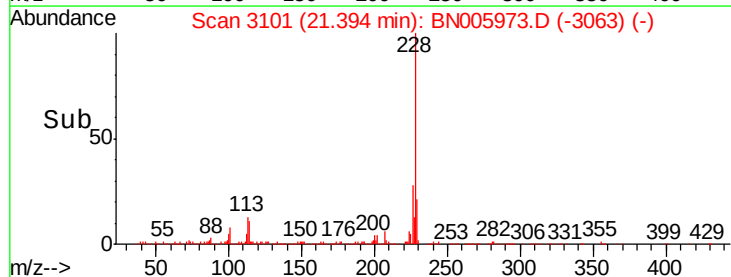
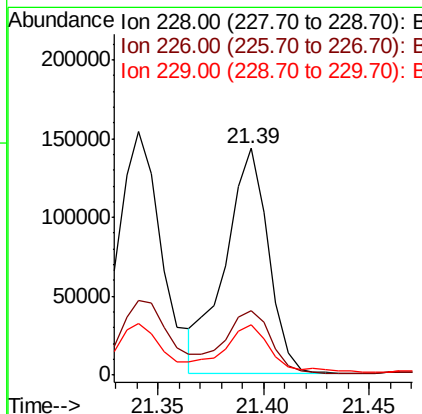
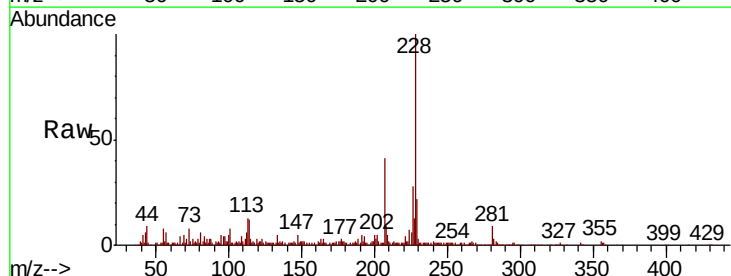
Instrument :
 BNA_N
 ClientSampled :
 A4270

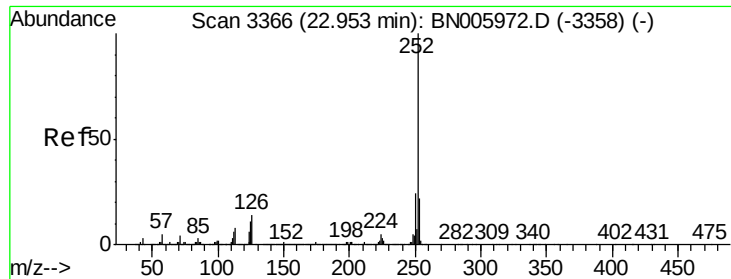
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.3	33.5
279	4.1	3.3	4.9



#84
 Chrysene
 Concen: 2.115 ng/ul
 RT: 21.39 min Scan# 3101
 Delta R.T. 0.03 min
 Lab File: BN005973.D
 Acq: 31 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	21.9	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 2.920 ng/ul

RT: 22.96 min Scan# 3368

Delta R.T. 0.05 min

Lab File: BN005973.D

Acq: 31 May 2019 09:50

Instrument :

BNA_N

ClientSampleId :

A4270

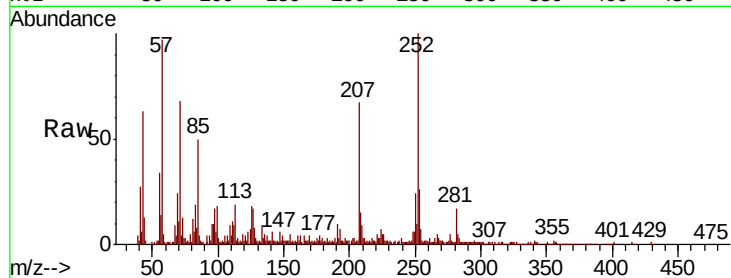
Tot Ion:252 Resp: 312697

Ion Ratio Lower Upper

252 100

253 26.1 17.7 26.5

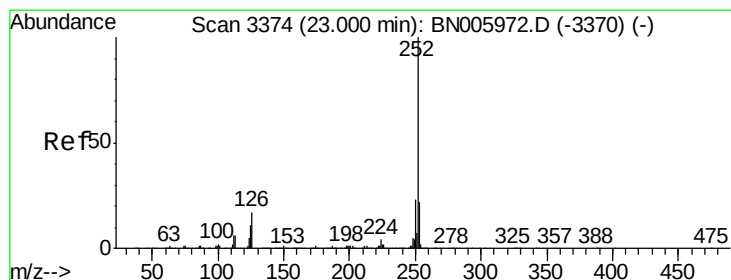
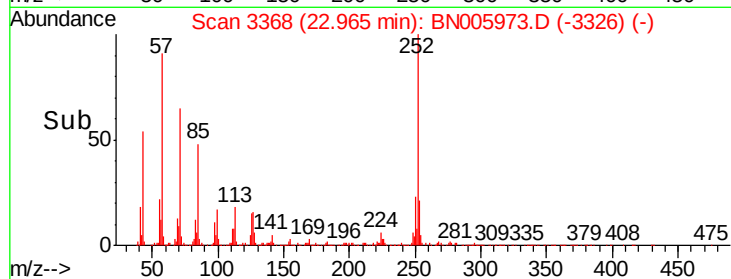
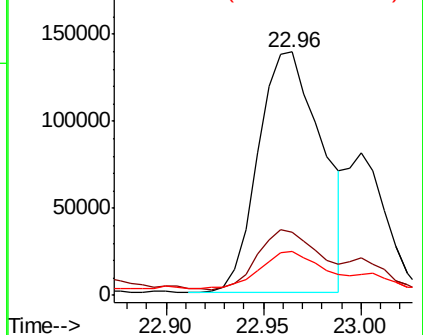
125 18.1 8.4 12.6#



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



#88

Benzo(k)fluoranthene

Concen: 1.114 ng/ul

RT: 23.00 min Scan# 3374

Delta R.T. 0.04 min

Lab File: BN005973.D

Acq: 31 May 2019 09:50

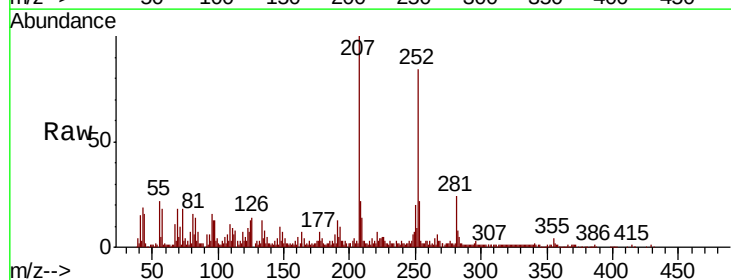
Tgt Ion:252 Resp: 109677

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.0#

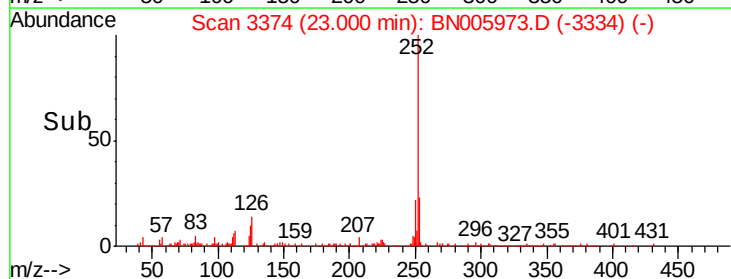
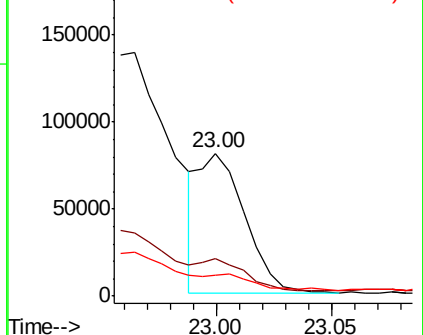
125 15.1 7.5 11.3#

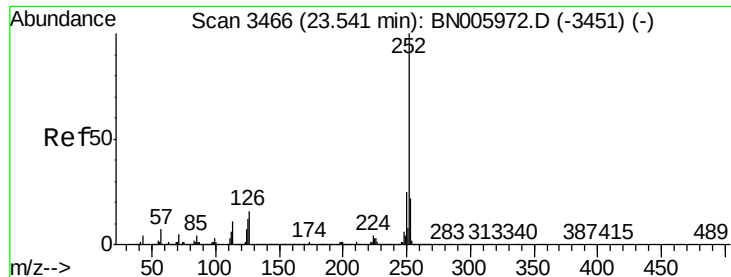


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.206 ng/ul

RT: 23.55 min Scan# 3467

Delta R.T. 0.05 min

Lab File: BN005973.D

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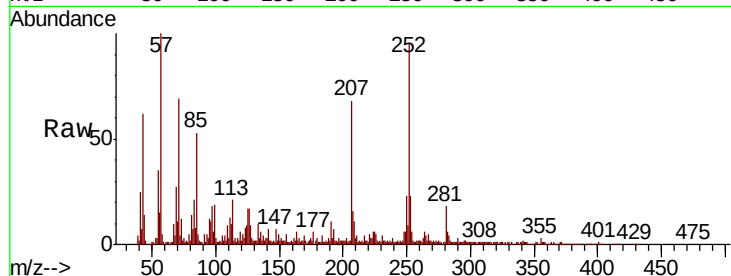
Tot Ion:252 Resp: 222829

Ion Ratio Lower Upper

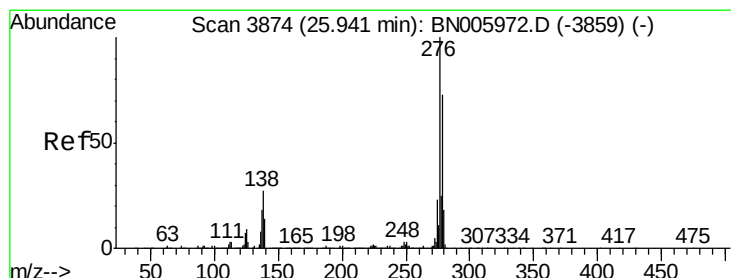
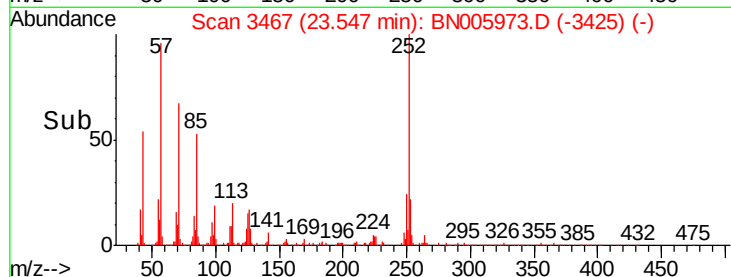
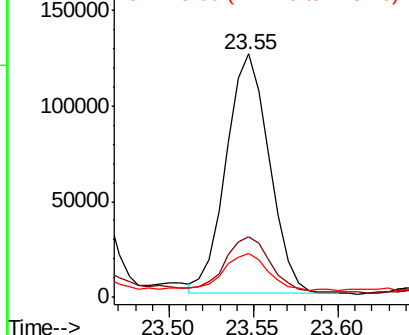
252 100

253 24.7 17.3 25.9

125 18.2 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: 1.454 ng/ul

RT: 25.94 min Scan# 3873

Delta R.T. 0.06 min

Lab File: BN005973.D

Acq: 31 May 2019 09:50

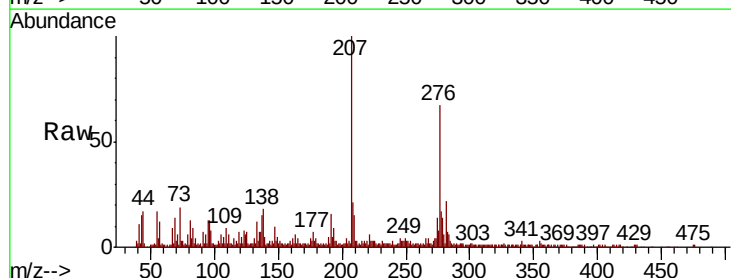
Tgt Ion:276 Resp: 172306

Ion Ratio Lower Upper

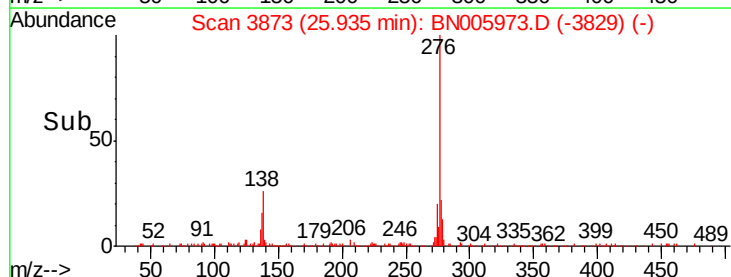
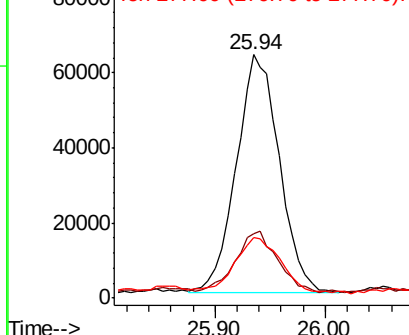
276 100

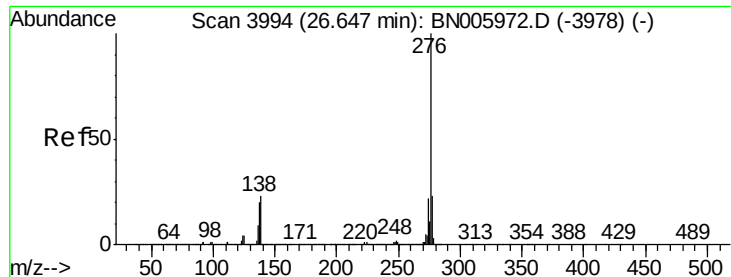
138 26.7 17.9 26.9

277 24.7 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(a,h,i)perylene

Concen: 1.417 ng/ul

RT: 26.64 min Scan# 3993

Delta R.T. 0.07 min

Lab File: BN005973.D

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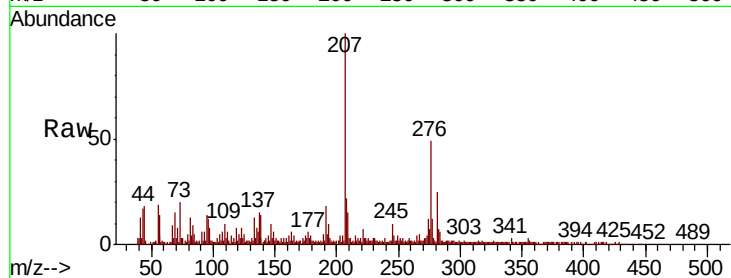
Tot Ion: 276 Resp: 141417

Ion Ratio Lower Upper

276 100

138 27.7 16.7 25.1#

277 24.2 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

