

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005937.D
 Acq On : 29 May 2019 19:05
 Operator : JU/SJ
 Sample : K2924-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:01:05 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	396399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1884665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1164625	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2692801	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2124118	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2057106	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	50678	5.63	ng/uL	0.00
5) Phenol-d5	6.89	99	1180123	33.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	637008	31.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	903479	33.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	952991	33.60	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	436649	36.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	462288	41.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	922652	34.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	8485	0.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2798104	32.59	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3607462	33.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	533461	34.14	ng/ul	0.00
57) Fluorene-d10	15.36	176	2518567	34.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	267997	24.42	ng/ul	0.00
70) Anthracene-d10	17.22	188	3896030	33.99	ng/ul	0.00
78) Pyrene-d10	19.52	212	4018174	37.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	3000335	32.69	ng/ul	0.01

Target Compounds

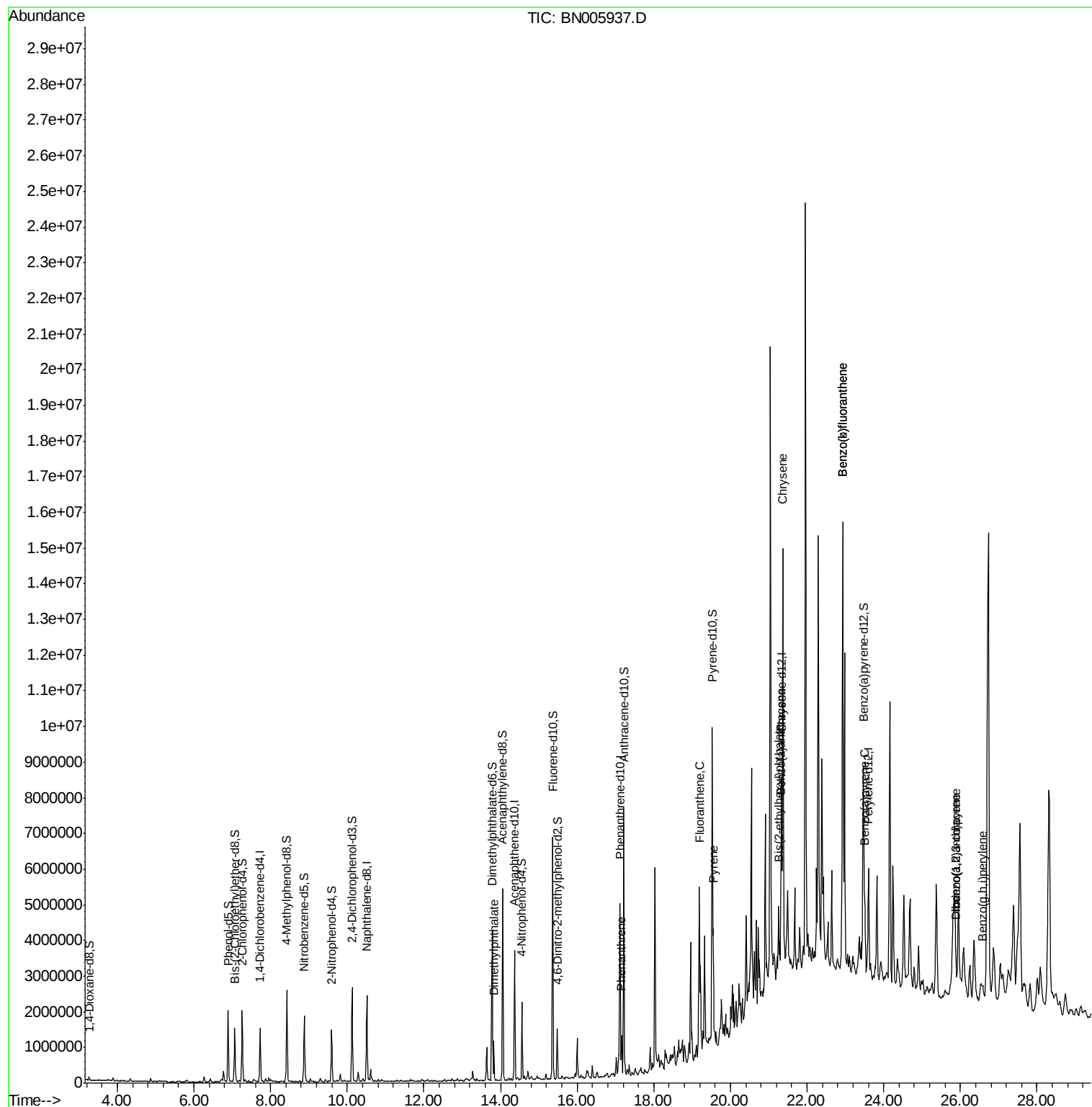
					Ovalue	
44) Dimethylphthalate	13.82	163	656869	7.655	ng/ul	99
69) Phenanthrene	17.16	178	631942	4.737	ng/ul	99
76) Fluoranthene	19.19	202	2177473	15.288	ng/ul#	94
79) Pyrene	19.55	202	1765635	13.122	ng/ul#	93
82) Benzo(a)anthracene	21.32	228	754087	5.647	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.26	149	675903	7.712	ng/ul	99
84) Chrysene	21.37	228	953555	7.657	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1179581	10.209	ng/ul#	84
88) Benzo(k)fluoranthene	22.92	252	1179581	11.104	ng/ul#	82
90) Benzo(a)pyrene	23.51	252	695493	6.383	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.89	276	553196	4.327	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.89	278	131754	1.238	ng/ul#	79
93) Benzo(g,h,i)perylene	26.59	276	396242	3.680	ng/ul#	88

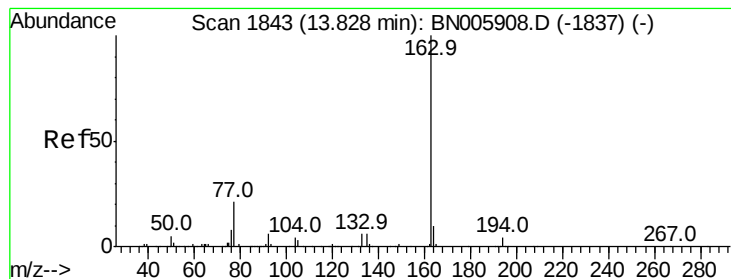
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.655 ng/ul

RT: 13.82 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

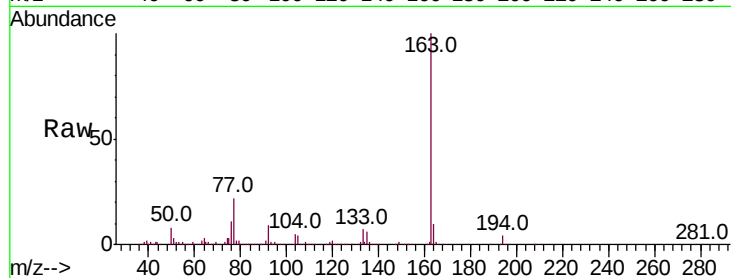
Tot Ion:163 Resp: 656869

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

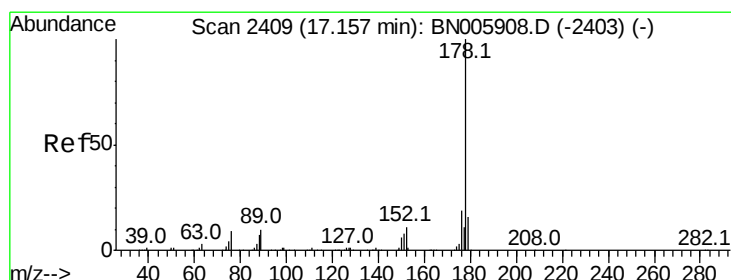
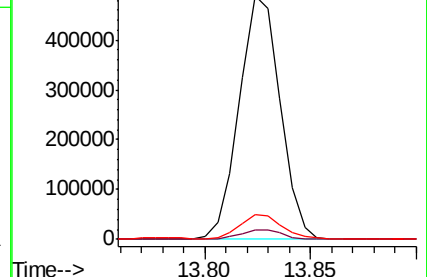
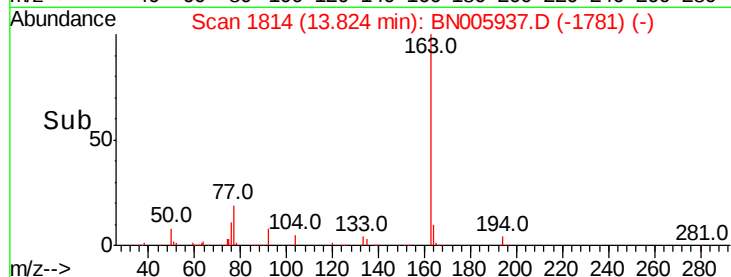
164 10.4 8.1 12.1



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: 4.737 ng/ul

RT: 17.16 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

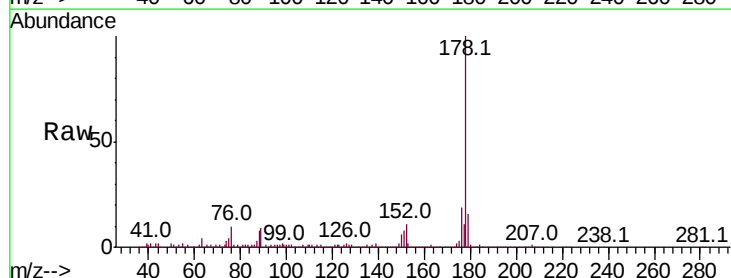
Tgt Ion:178 Resp: 631942

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

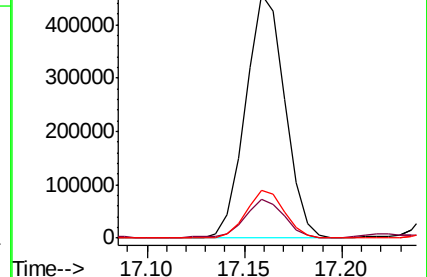
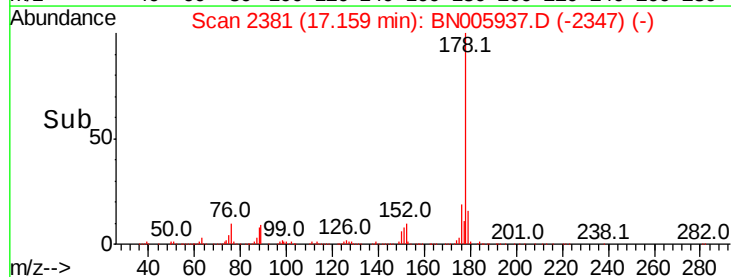
176 19.5 15.1 22.7

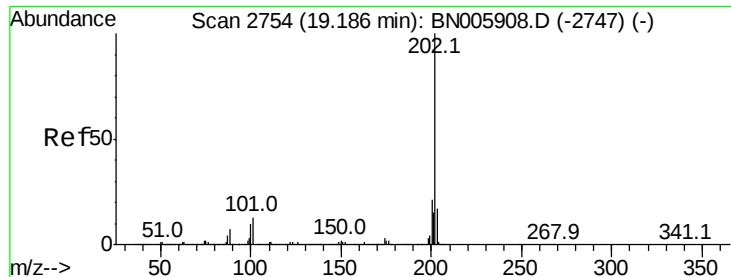


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 15.288 ng/ul

RT: 19.19 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

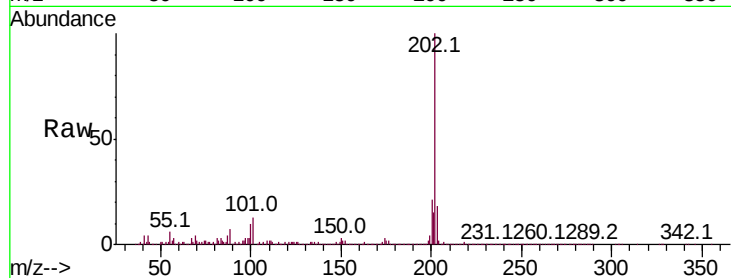
Tot Ion:202 Resp: 2177473

Ion Ratio Lower Upper

202 100

101 13.1 8.6 12.8#

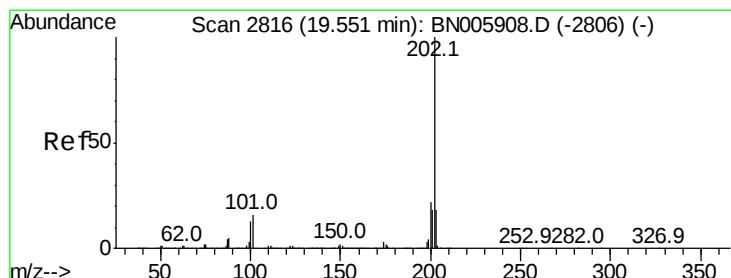
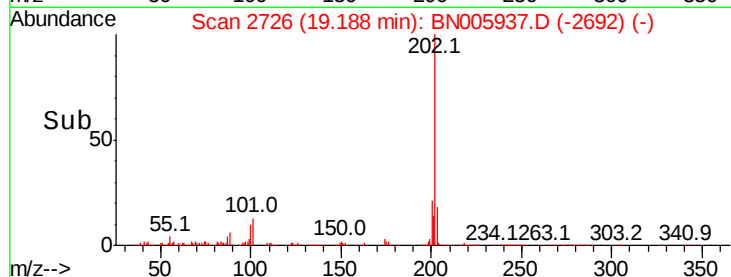
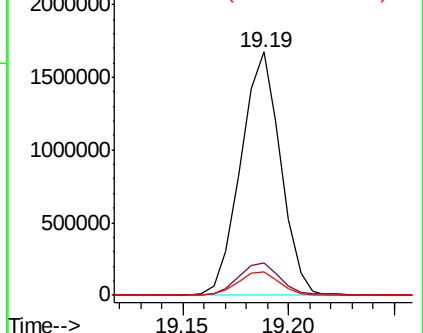
100 9.8 6.3 9.5#



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: 13.122 ng/ul

RT: 19.55 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

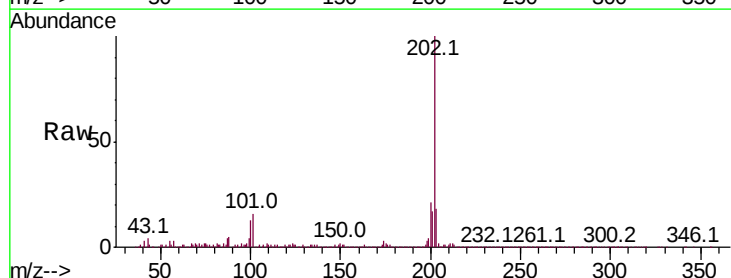
Tgt Ion:202 Resp: 1765635

Ion Ratio Lower Upper

202 100

101 15.7 10.3 15.5#

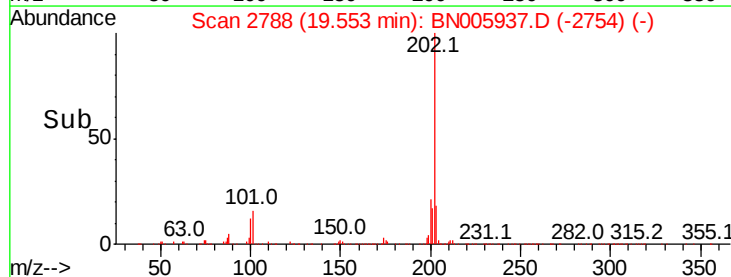
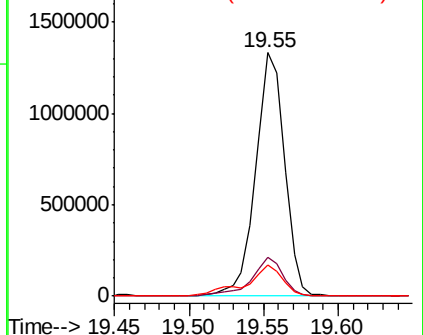
100 12.6 7.9 11.9#

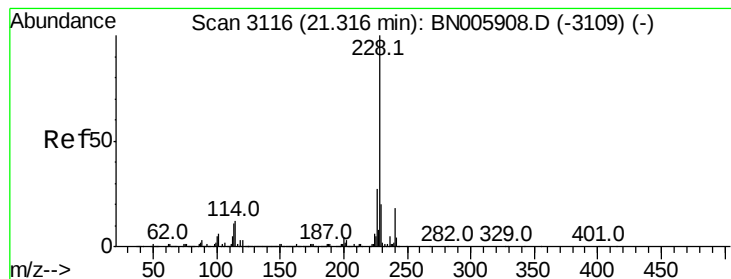


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 5.647 ng/ul

RT: 21.32 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

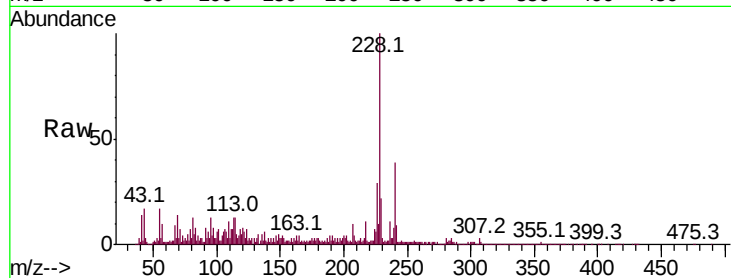
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 754087

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	28.6	21.4	32.2

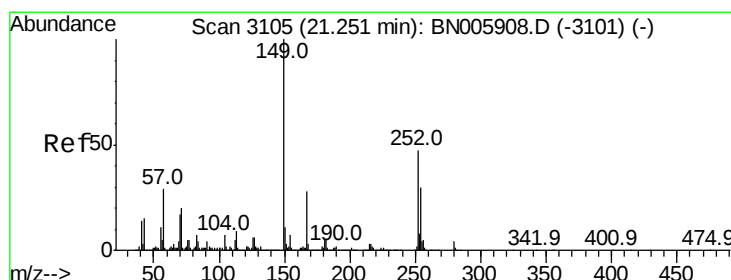
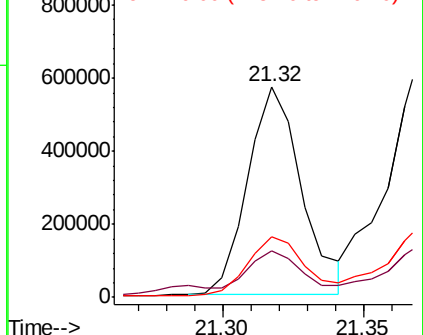
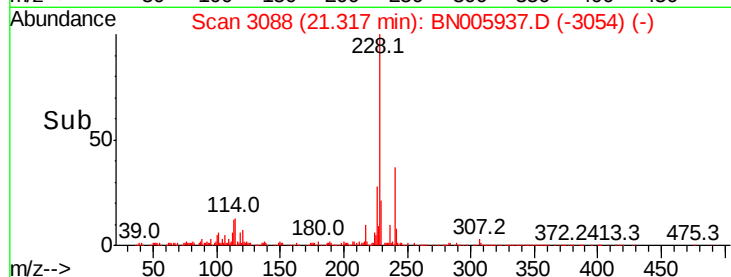


Abundance

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: 7.712 ng/ul

RT: 21.26 min Scan# 3078

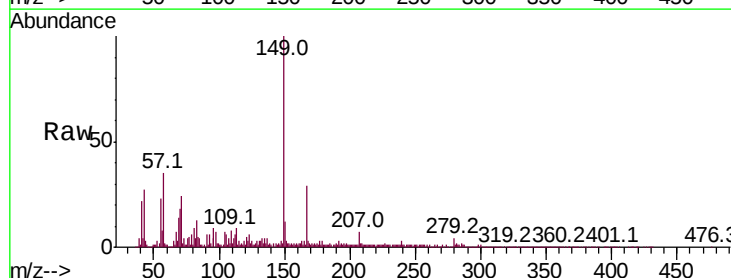
Delta R.T. 0.01 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Tgt Ion:149 Resp: 675903

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.1	3.3	4.9

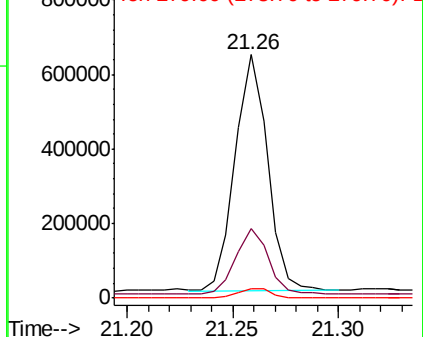
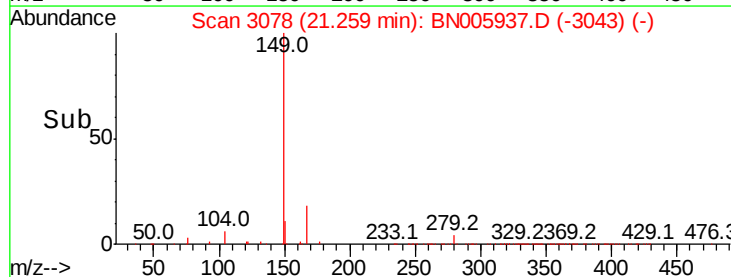


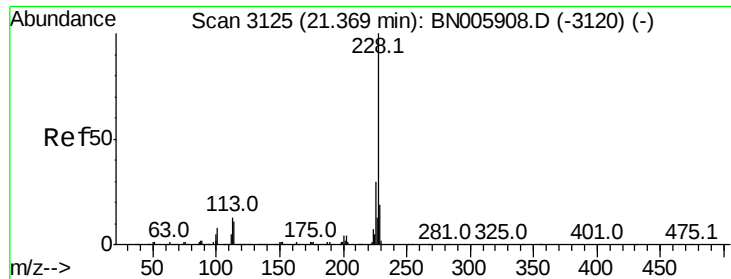
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 7.657 ng/ul

RT: 21.37 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

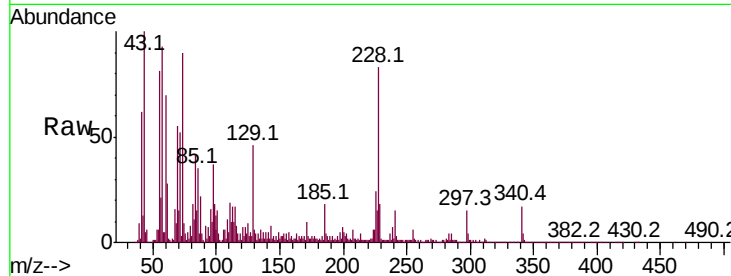
Tot Ion:228 Resp: 953555

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

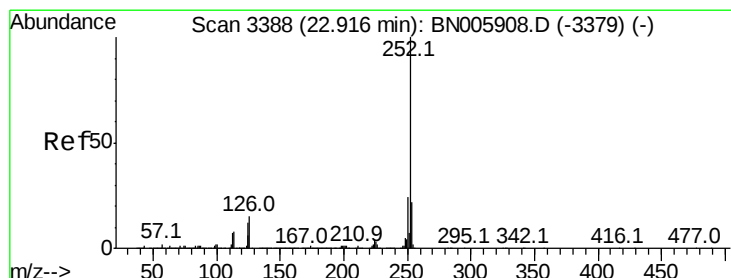
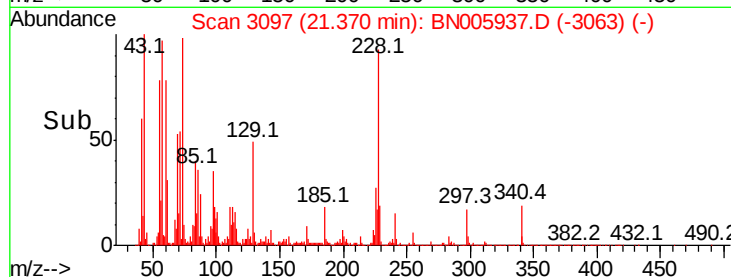
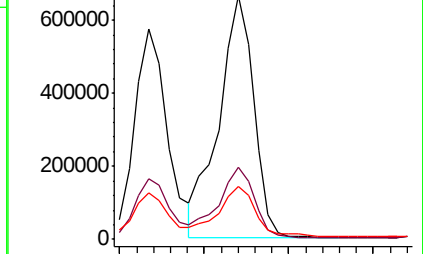
229 21.6 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 10.209 ng/ul

RT: 22.92 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

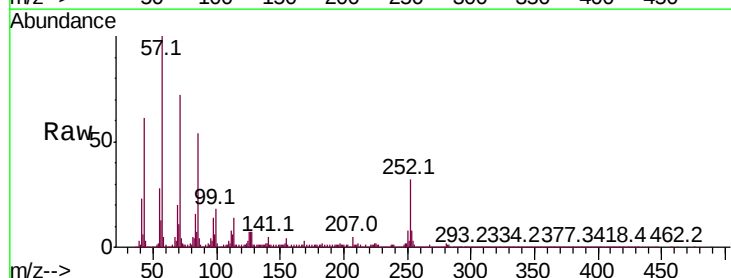
Tgt Ion:252 Resp: 1179581

Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

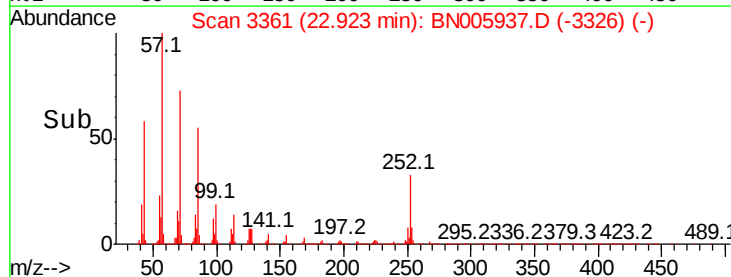
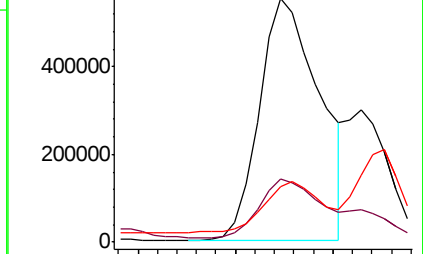
125 23.0 8.4 12.6#

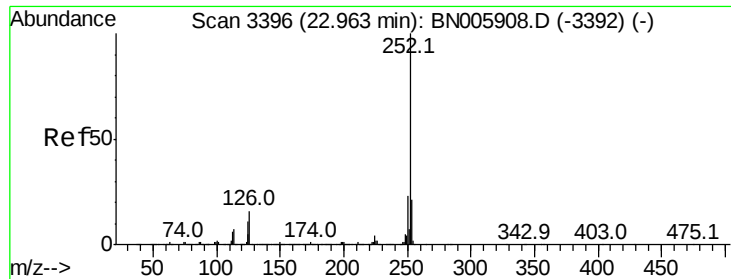


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 11.104 ng/ul

RT: 22.92 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

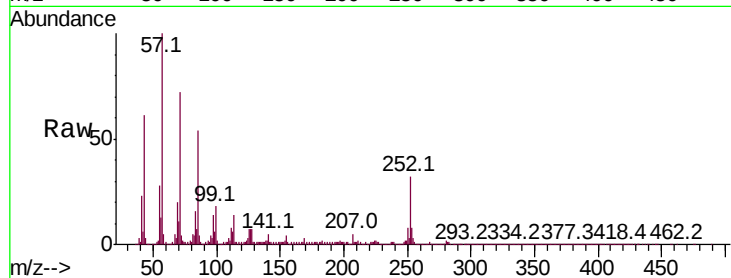
Tot Ion:252 Resp: 1179581

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

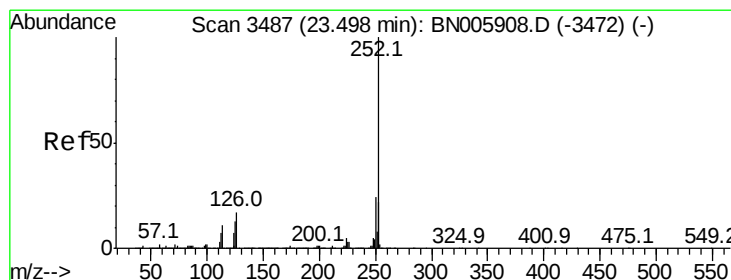
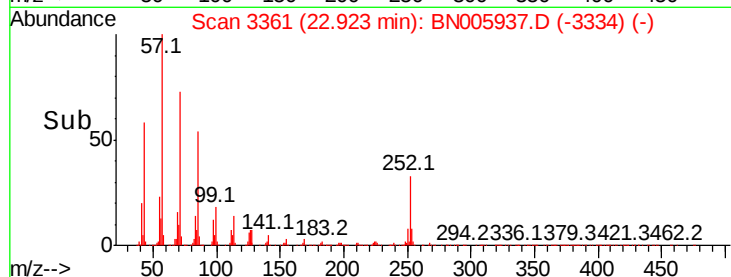
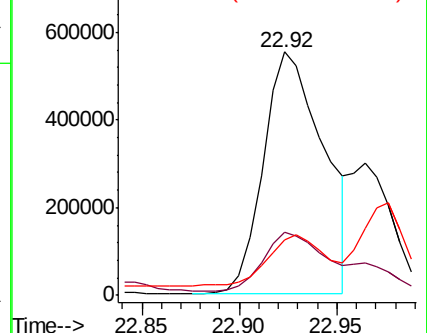
125 23.0 7.5 11.3#



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: 6.383 ng/ul

RT: 23.51 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

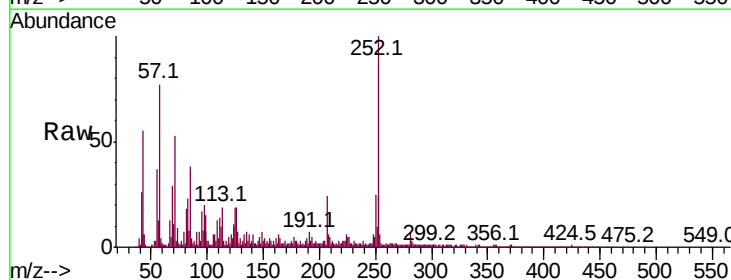
Tgt Ion:252 Resp: 695493

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

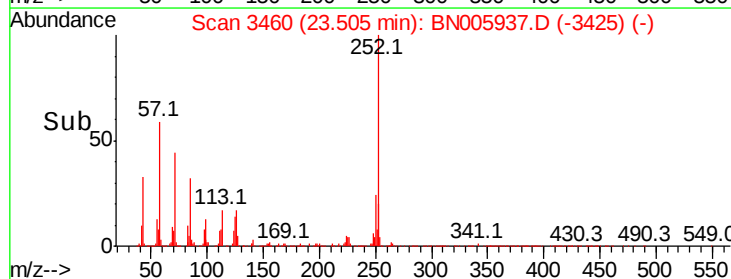
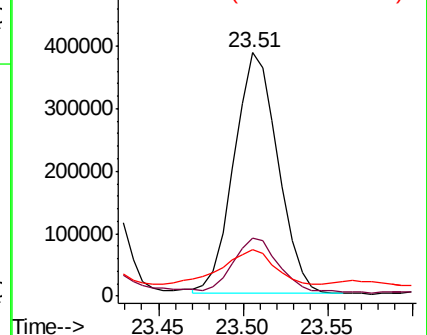
125 19.2 8.6 13.0#

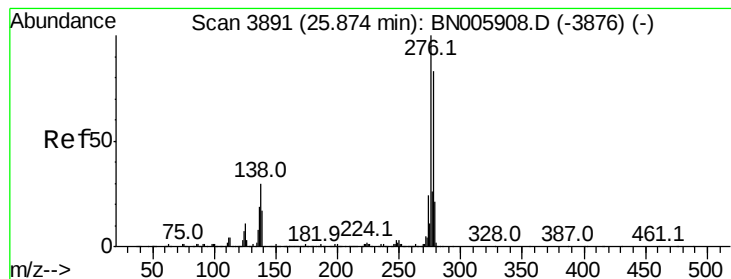


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



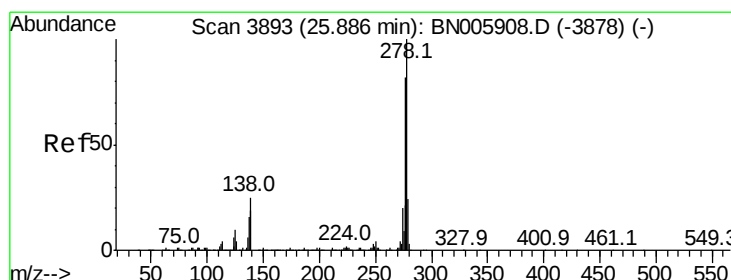
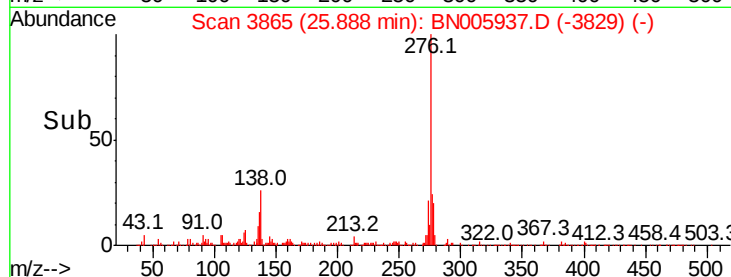
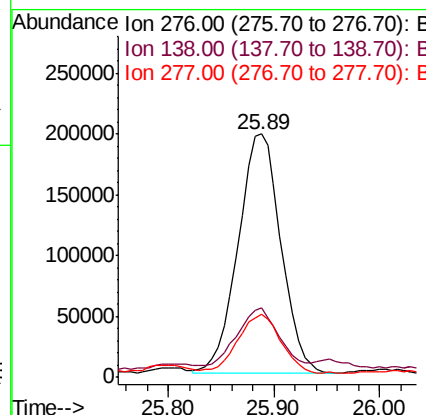
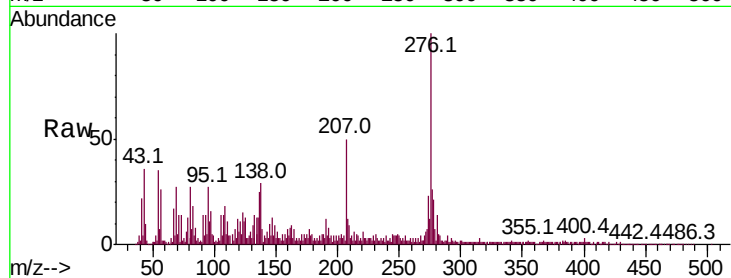


#91

Indeno(1,2,3-cd)pyrene
Concen: 4.327 ng/ul
RT: 25.89 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Instrument :
BNA_N
ClientSampleId :

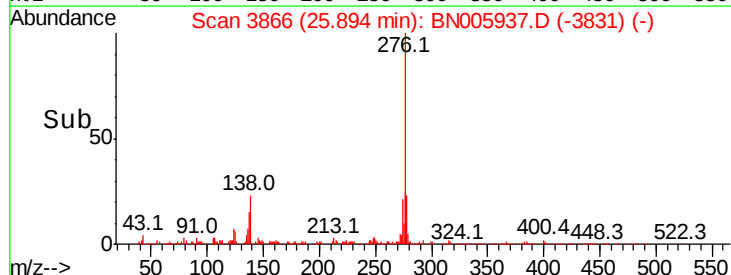
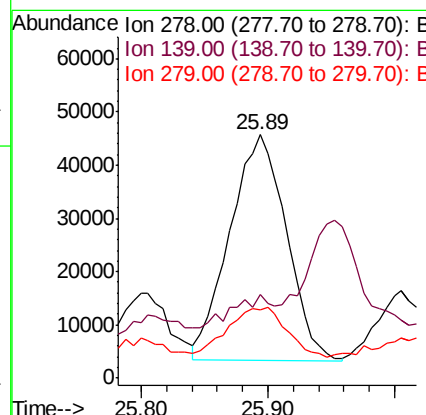
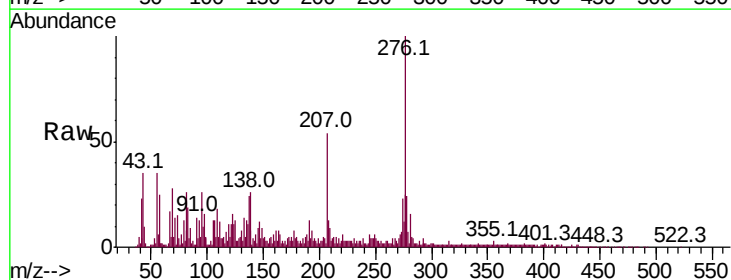
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.9	26.9#
277	26.2	19.7	29.5

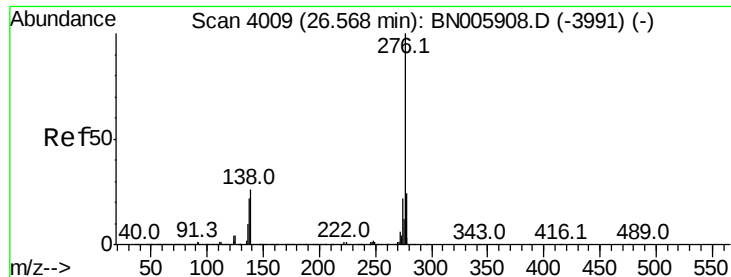


#92

Dibenzo(a,h)anthracene
Concen: 1.238 ng/ul
RT: 25.89 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BN005937.D
Acq: 29 May 2019 19:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.3	13.1	19.7#
279	27.9	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 3.680 ng/ul

RT: 26.59 min Scan# 3984

Delta R.T. 0.02 min

Lab File: BN005937.D

Acq: 29 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 396242

Ion Ratio Lower Upper

276 100

138 29.2 16.7 25.1#

277 26.4 18.2 27.2

