

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005197.D
 Acq On : 23 Apr 2019 05:04
 Operator : JU/SJ
 Sample : K2455-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR6

Quant Time: Apr 23 06:55:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	556722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2107242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	1337959	20.00	ng/ul	0.05
61) Phenanthrene-d10	17.03	188	2751239	20.00	ng/ul	0.05
77) Chrysene-d12	21.23	240	2222759	20.00	ng/ul	0.02
85) Perylene-d12	23.43	264	2533567	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	82747	7.18	ng/uL	0.00
5) Phenol-d5	6.78	99	1218900	27.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	826359	30.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1052956	31.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	552123	16.15	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	487038	37.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	536784	40.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	866329	28.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1172187	37.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	2600973	26.78	ng/ul	0.03
46) Acenaphthylene-d8	13.97	160	3474375	29.13	ng/ul	0.05
51) 4-Nitrophenol-d4	14.45	143	559889	36.51	ng/ul	0.02
57) Fluorene-d10	15.28	176	2239672	27.48	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	15.39	200	552072	44.62	ng/ul	0.04
70) Anthracene-d10	17.13	188	3223922	27.95	ng/ul	0.05
78) Pyrene-d10	19.43	212	3397244	29.88	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.29	264	3059083	27.63	ng/ul	0.01

Target Compounds

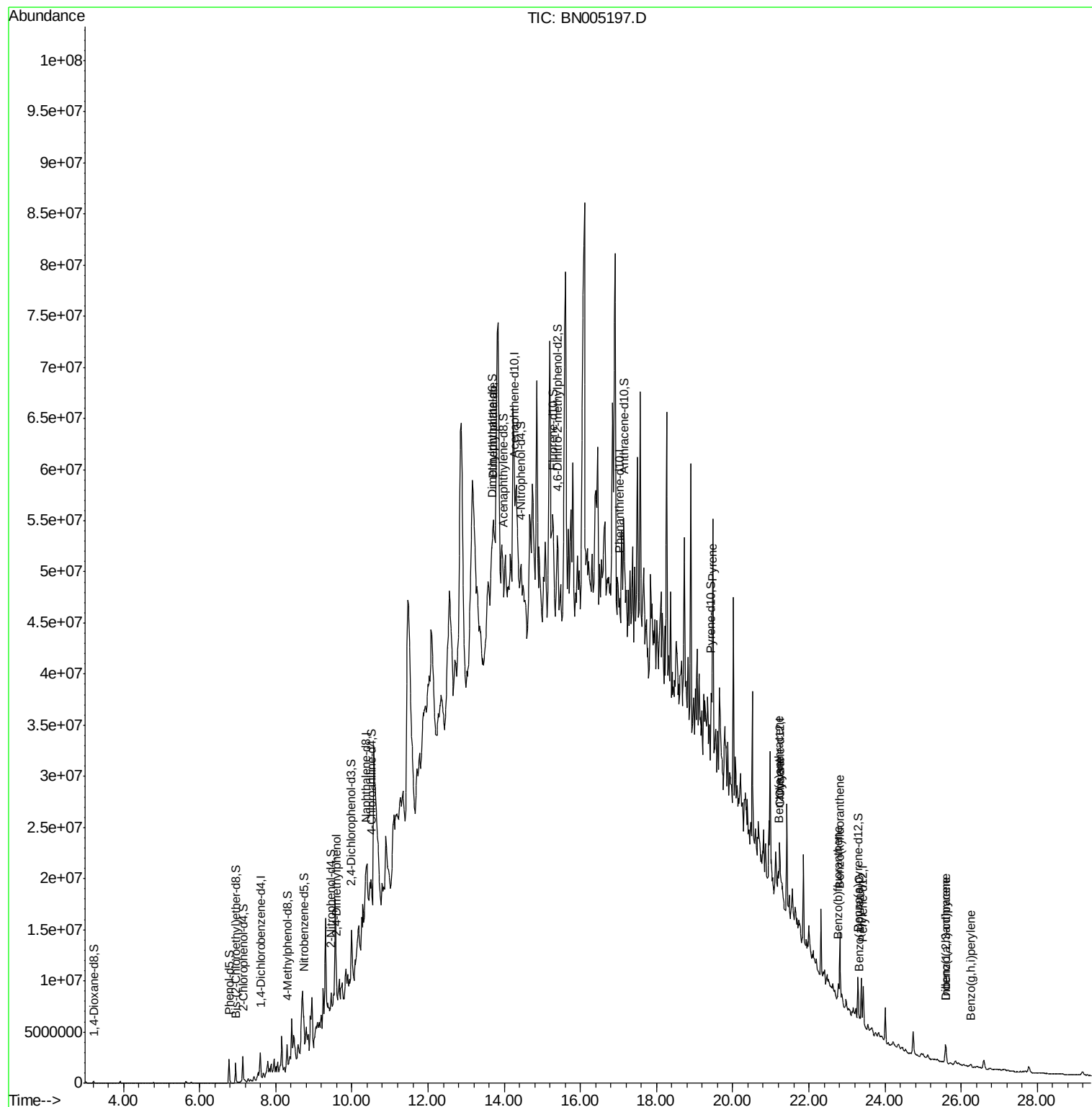
					Ovalue	
24) 2,4-Dimethylphenol	9.60	107	176364	4.727	ng/ul#	85
44) Dimethylphthalate	13.72	163	779191	8.051	ng/ul#	13
79) Pyrene	19.46	202	3186703	22.267	ng/ul	96
82) Benzo(a)anthracene	21.22	228	169307	1.224	ng/ul#	31
84) Chrysene	21.25	228	584241	4.552	ng/ul#	83
87) Benzo(b)fluoranthene	22.77	252	992674	6.970	ng/ul#	82
88) Benzo(k)fluoranthene	22.82	252	366063	2.691	ng/ul#	62
90) Benzo(a)pyrene	23.33	252	478878	3.577	ng/ul#	80
91) Indeno(1,2,3-cd)pyrene	25.59	276	429740	2.904	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	156740	1.248	ng/ul#	80
93) Benzo(g,h,i)perylene	26.25	276	312185	2.551	ng/ul	97

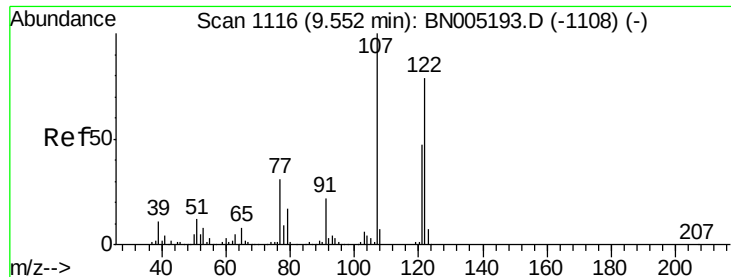
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 4.727 ng/ul

RT: 9.60 min Scan# 1124

Delta R.T. 0.05 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

Instrument :

BNA_N

ClientSampled :

GAHR6

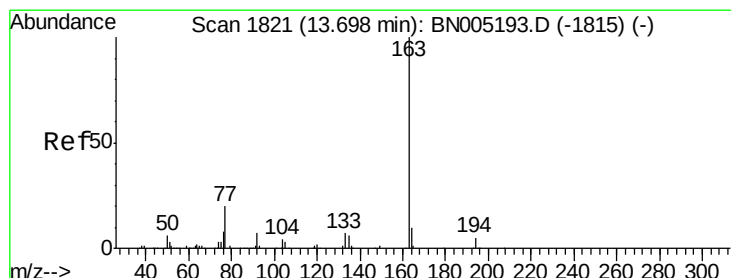
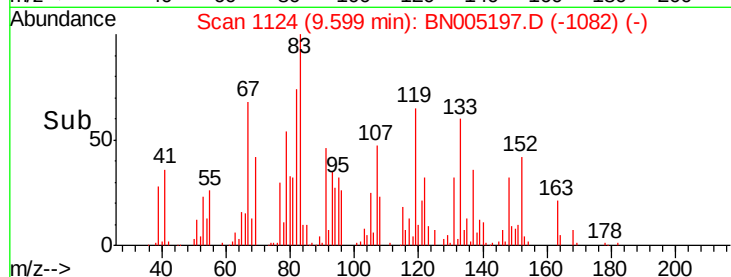
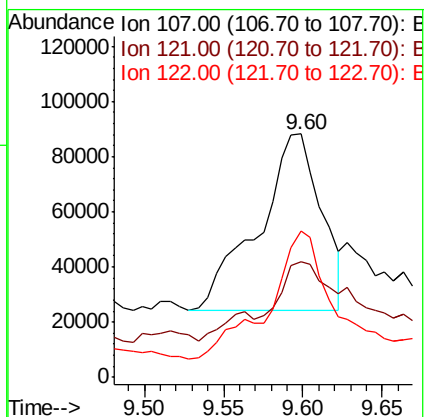
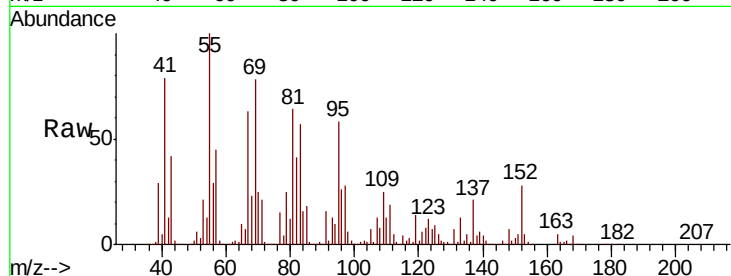
Tot Ion:107 Resp: 176364

Ion Ratio Lower Upper

107 100

121 47.4 37.8 56.8

122 60.0 65.0 97.4#



#44

Dimethylphthalate

Concen: 8.051 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

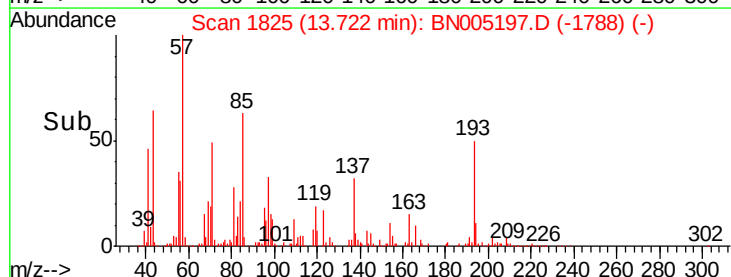
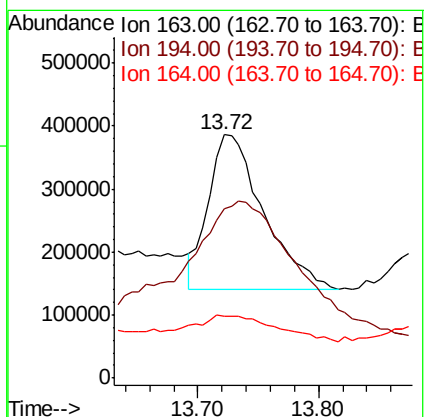
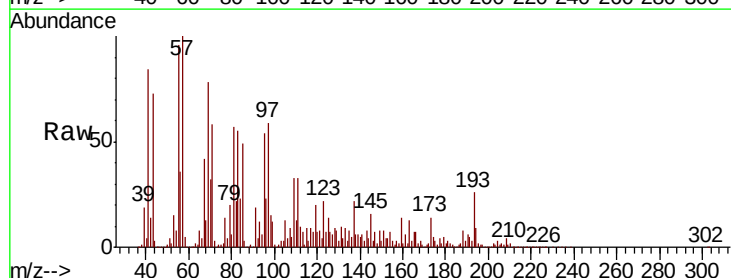
Tgt Ion:163 Resp: 779191

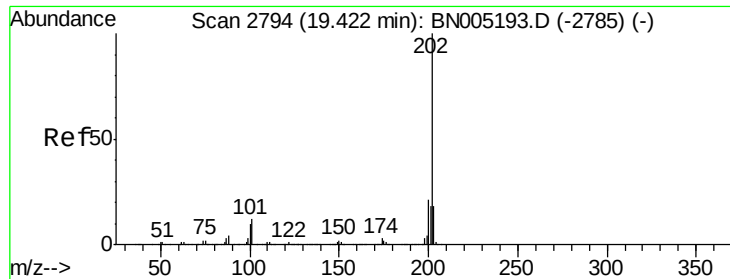
Ion Ratio Lower Upper

163 100

194 69.5 3.4 5.0#

164 25.4 8.1 12.1#

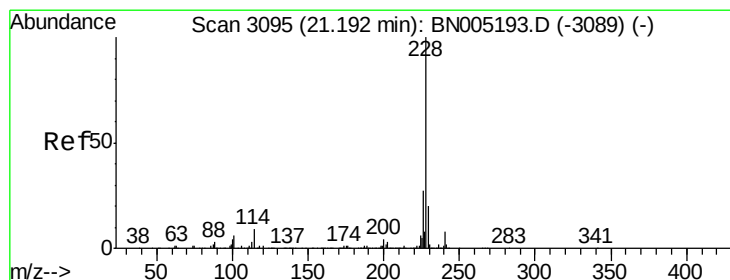
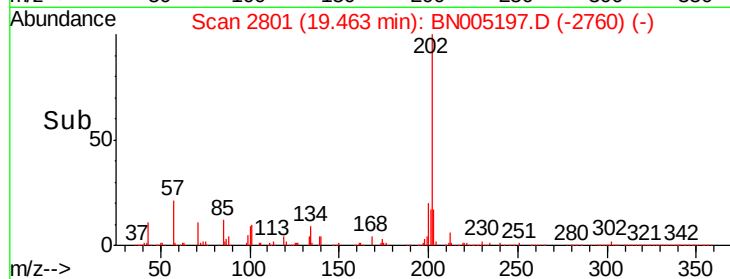
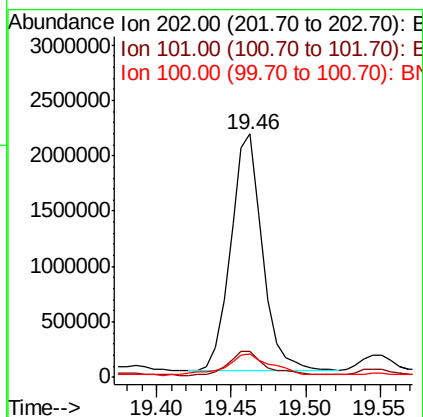
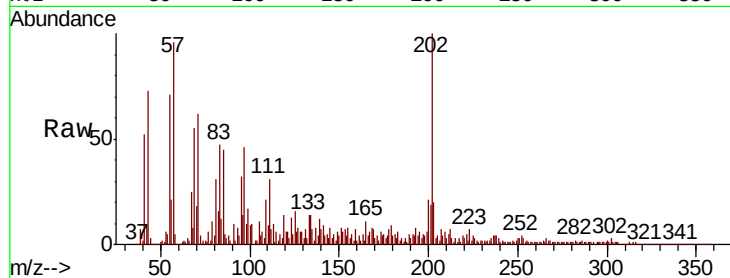




#79
 Pvrene
 Concen: 22.267 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. 0.04 min
 Lab File: BN005197.D
 Acq: 23 Apr 2019 05:04

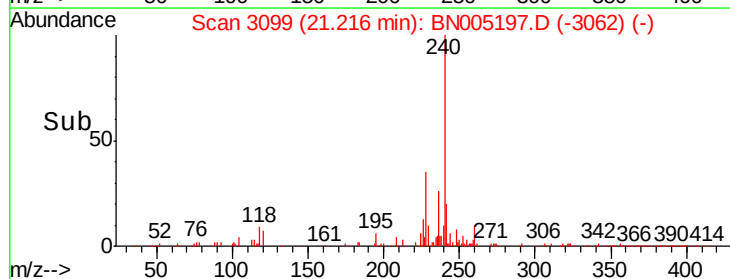
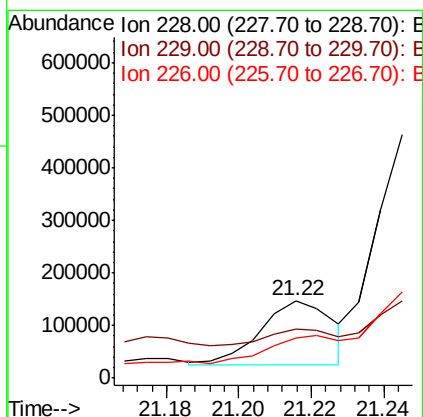
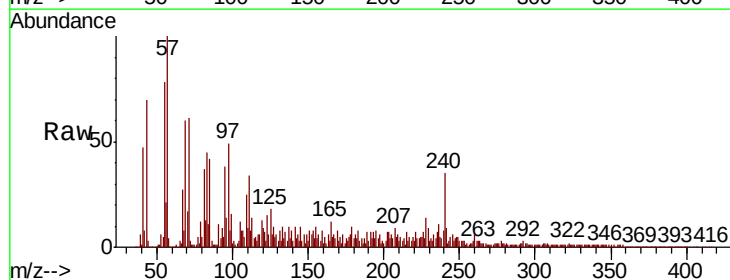
Instrument :
 BNA_N
 ClientSampled :
 GAHR6

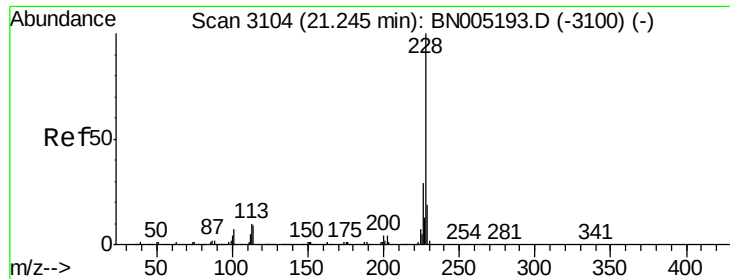
Tot Ion:202 Resp: 3186703
 Ion Ratio Lower Upper
 202 100
 101 10.4 10.3 15.5
 100 9.4 7.9 11.9



#82
 Benzo(a)anthracene
 Concen: 1.224 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.02 min
 Lab File: BN005197.D
 Acq: 23 Apr 2019 05:04

Tgt Ion:228 Resp: 169307
 Ion Ratio Lower Upper
 228 100
 229 63.2 15.8 23.6#
 226 52.2 21.4 32.2#





#84

Chrysene

Concen: 4.552 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

Instrument :

BNA_N

ClientSampleId :

GAHR6

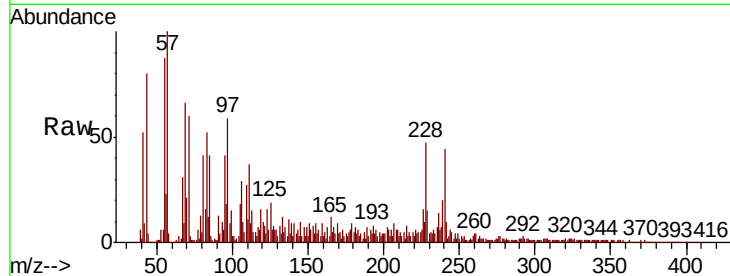
Tot Ion:228 Resp: 584241

Ion Ratio Lower Upper

228 100

226 35.2 24.0 36.0

229 31.7 15.4 23.0#

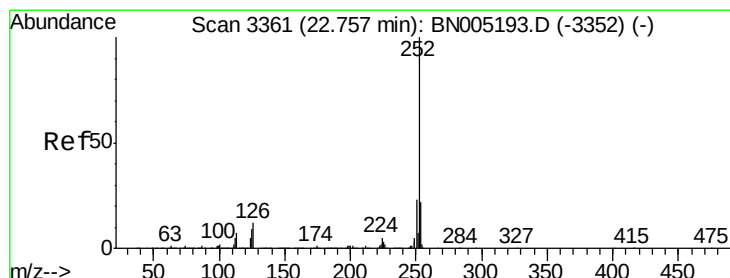
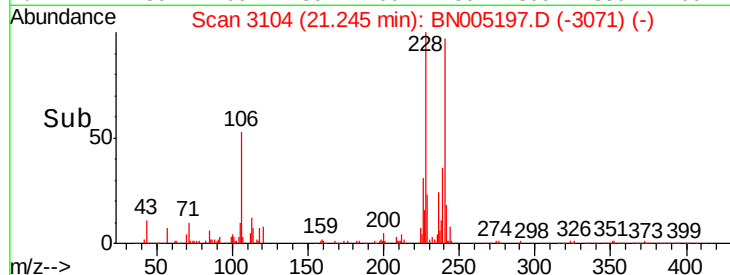
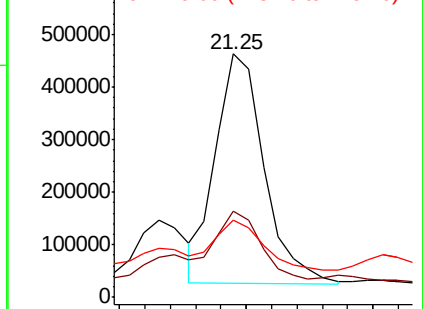


Abundance

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: 6.970 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

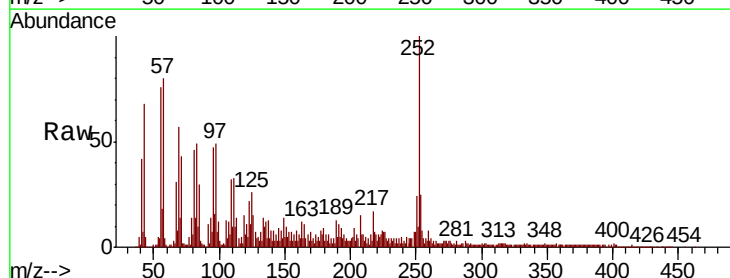
Tgt Ion:252 Resp: 992674

Ion Ratio Lower Upper

252 100

253 25.4 17.7 26.5

125 26.0 8.4 12.6#

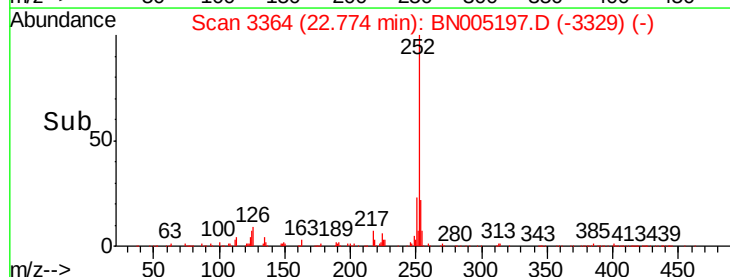
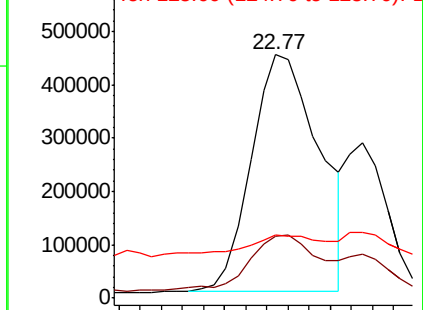


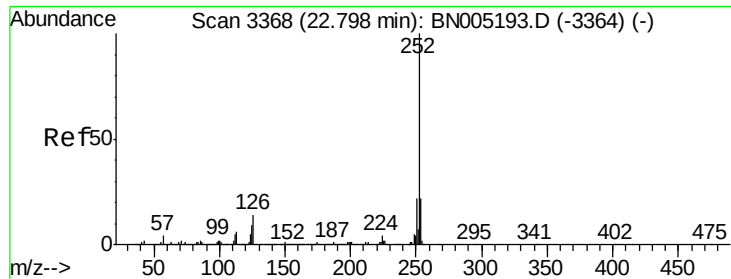
Abundance

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: 2.691 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

Instrument :

BNA_N

ClientSampleId :

GAHR6

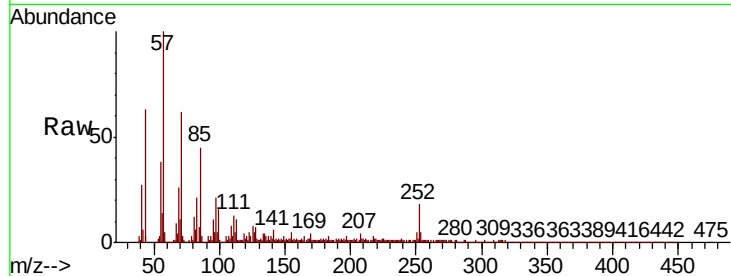
Tot Ion:252 Resp: 366063

Ion Ratio Lower Upper

252 100

253 28.5 17.4 26.0#

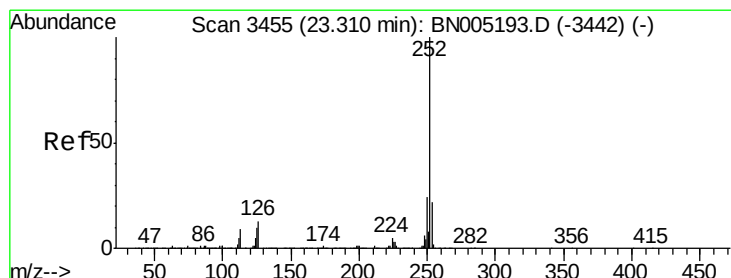
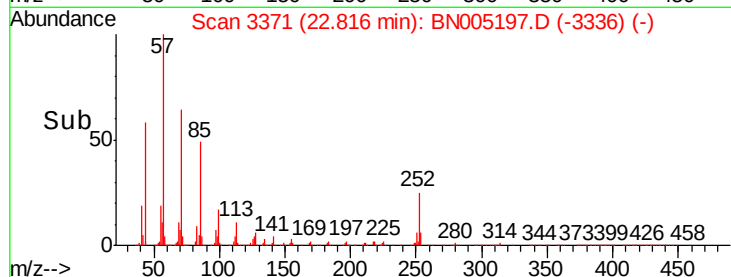
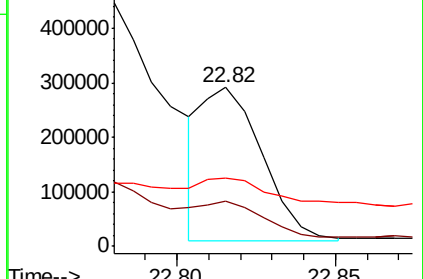
125 42.7 7.5 11.3#



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: 3.577 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

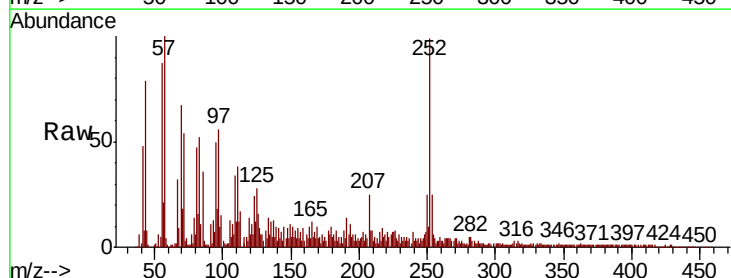
Tgt Ion:252 Resp: 478878

Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

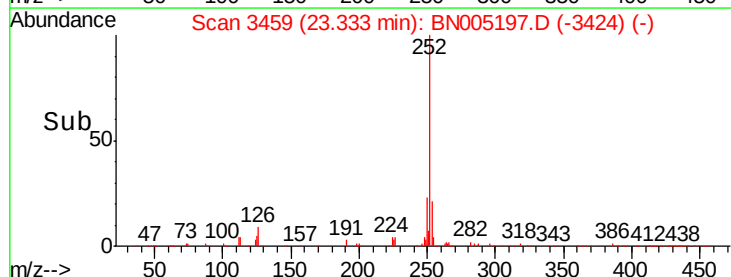
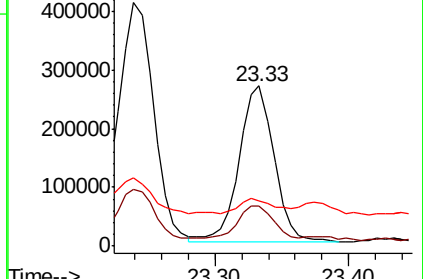
125 27.9 8.6 13.0#

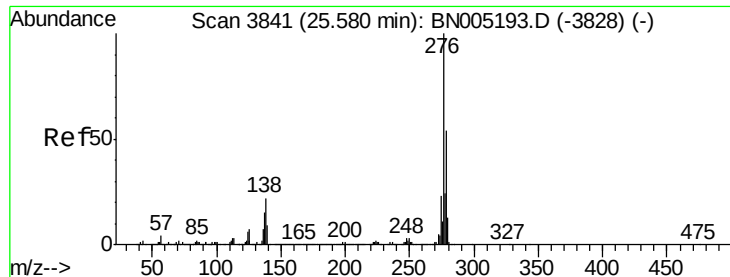


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.904 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

Instrument :

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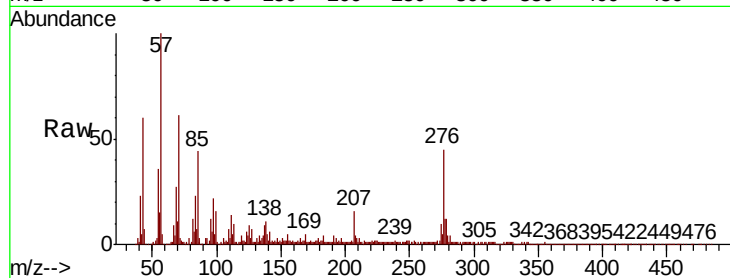
Tot Ion:276 Resp: 429740

Ion Ratio Lower Upper

276 100

138 23.4 17.9 26.9

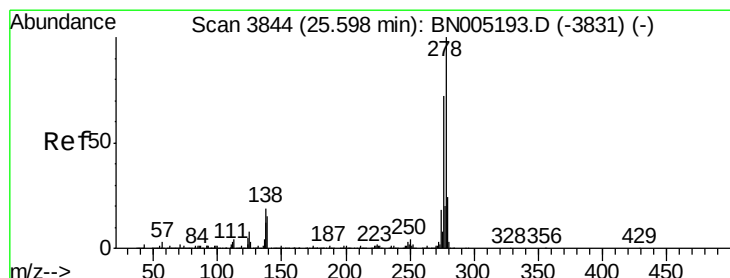
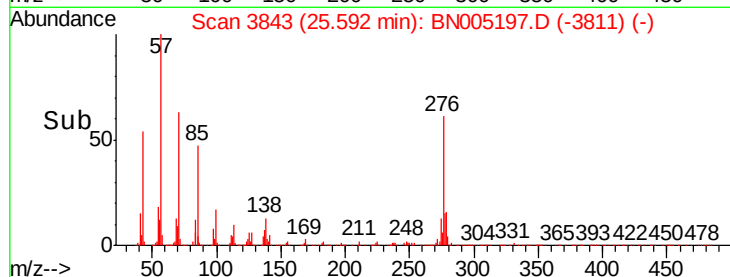
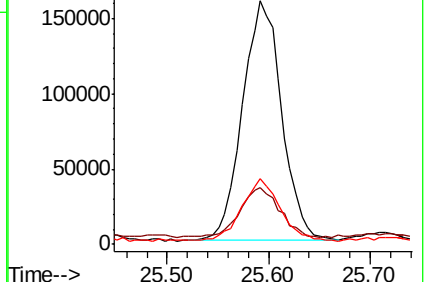
277 26.7 19.7 29.5



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



#92

Dibenzo(a,h)anthracene

Concen: 1.248 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN005197.D

Acq: 23 Apr 2019 05:04

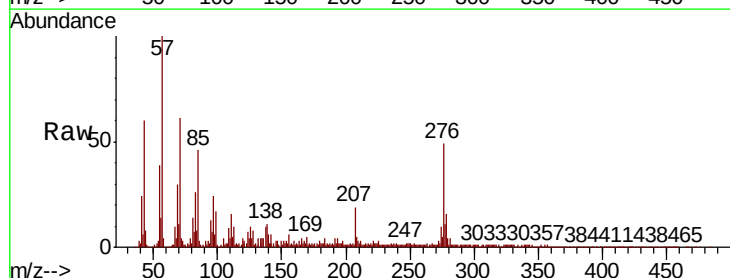
Tgt Ion:278 Resp: 156740

Ion Ratio Lower Upper

278 100

139 35.7 13.1 19.7#

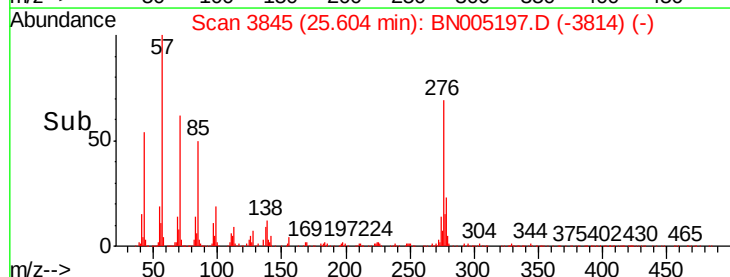
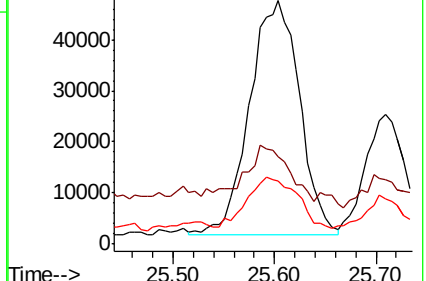
279 26.0 19.4 29.0

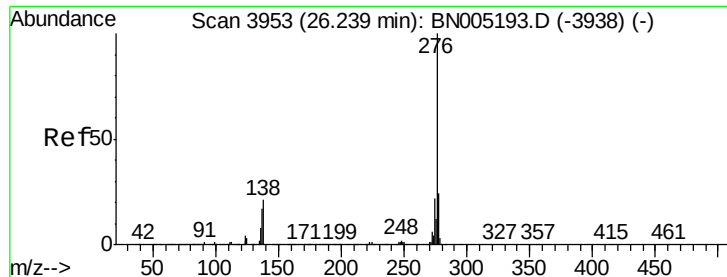


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.551 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.01 min

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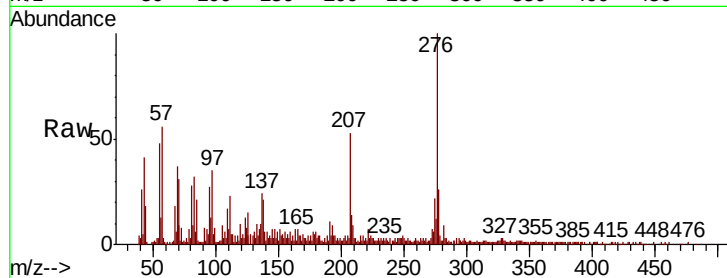
Tot Ion: 276 Resp: 312185

Ion Ratio Lower Upper

276 100

138 20.8 16.7 25.1

277 25.7 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

