

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005551.D
 Acq On : 09 May 2019 02:21
 Operator : JU/SJ
 Sample : K2604-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ93

Quant Time: May 09 05:36:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	278340	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1207598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	729639	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1696685	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1343974	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1210458	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	32377	5.62	ng/uL	0.00
5) Phenol-d5	6.78	99	729902	33.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	421946	30.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	619651	37.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	510905	29.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	338487	45.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	386510	51.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	674903	39.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	779594	43.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	2425887	45.80	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2923088	44.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	342492	40.95	ng/ul	0.00
57) Fluorene-d10	15.22	176	2094087	47.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	237025	31.06	ng/ul	0.00
70) Anthracene-d10	17.08	188	3321608	46.70	ng/ul	0.00
78) Pyrene-d10	19.39	212	3530357	51.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	2455105	46.41	ng/ul	0.00

Target Compounds

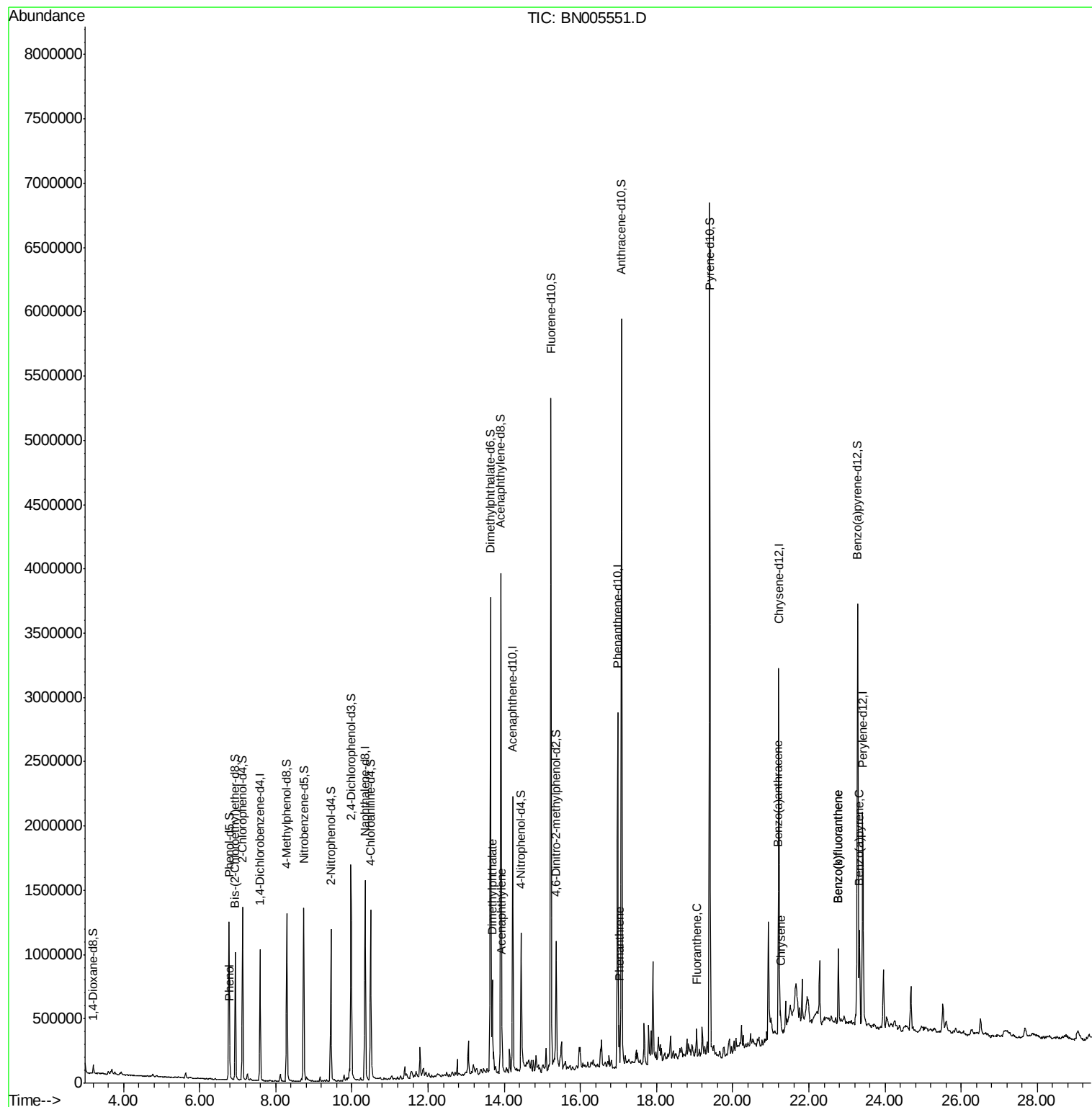
				Ovalue	
6) Phenol	6.80	94	26870	1.195	ng/ul# 91
44) Dimethylphthalate	13.69	163	373508	7.077	ng/ul 98
47) Acenaphthylene	13.94	152	154729	2.420	ng/ul 98
69) Phenanthrene	17.02	178	192333	2.328	ng/ul 99
76) Fluoranthene	19.05	202	102333	1.117	ng/ul 97
82) Benzo(a)anthracene	21.19	228	95142	1.138	ng/ul# 85
84) Chrysene	21.24	228	91286	1.176	ng/ul# 85
87) Benzo(b)fluoranthene	22.77	252	83373	1.225	ng/ul# 86
88) Benzo(k)fluoranthene	22.77	252	83373	1.283	ng/ul# 84
90) Benzo(a)pyrene	23.32	252	96462	1.508	ng/ul# 83

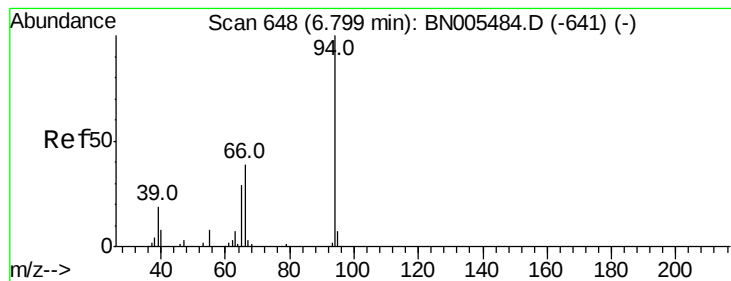
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.195 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

Instrument :

BNA_N

ClientSampleId :

GAJ93

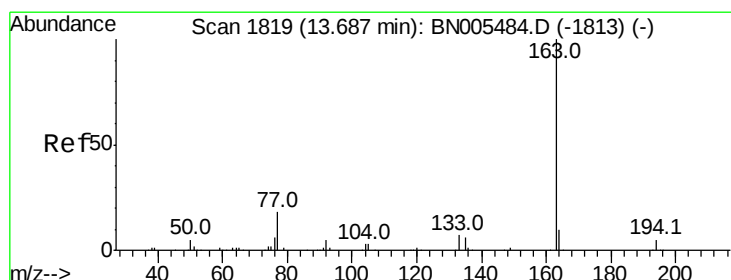
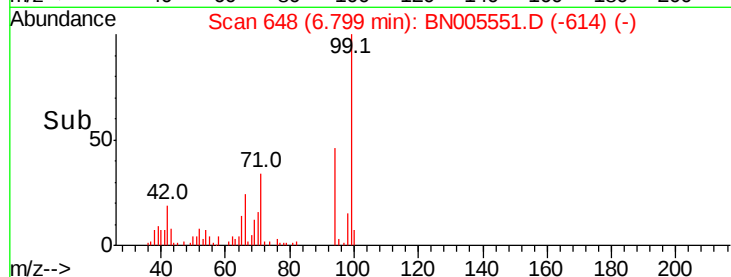
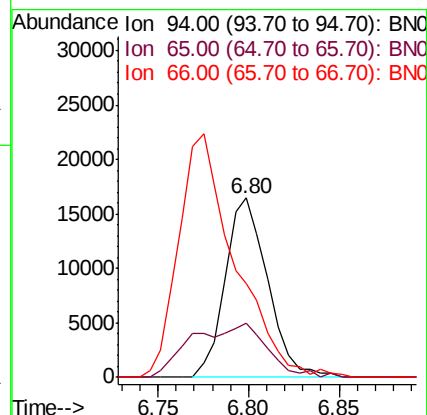
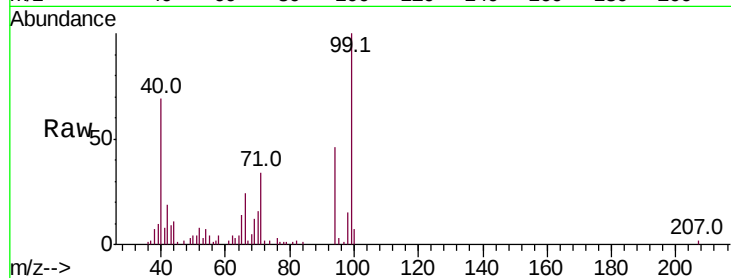
Tot Ion: 94 Resp: 26870

Ion Ratio Lower Upper

94 100

65 30.1 24.2 36.4

66 52.3 33.8 50.6#



#44

Dimethylphthalate

Concen: 7.077 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

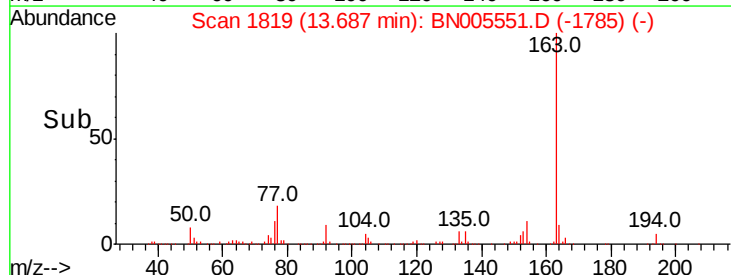
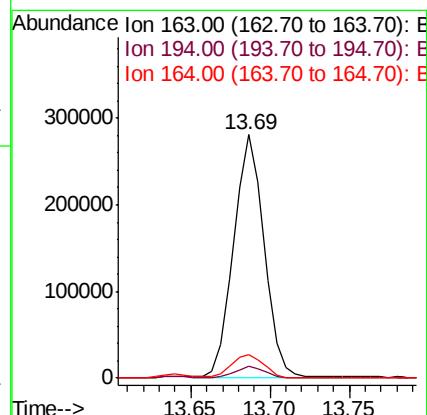
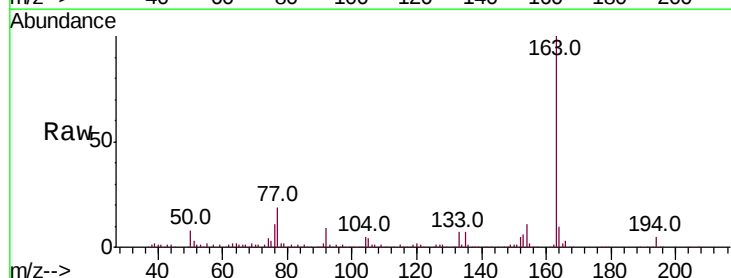
Tgt Ion:163 Resp: 373508

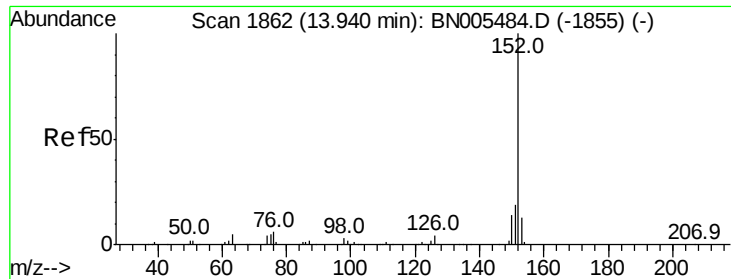
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

164 9.5 8.1 12.1





#47

Acenaphthylene

Concen: 2.420 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

Instrument :

BNA_N

ClientSampleId :

GAJ93

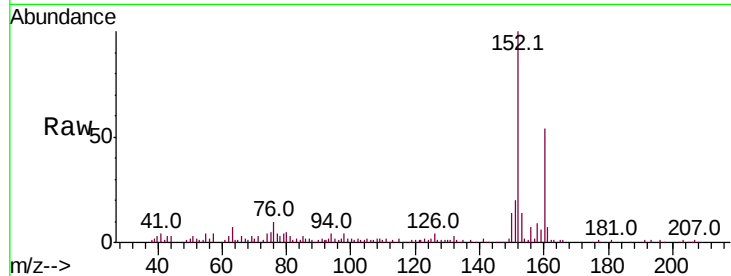
Tot Ion:152 Resp: 154729

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

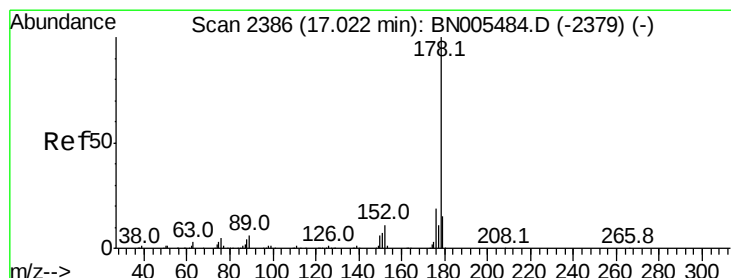
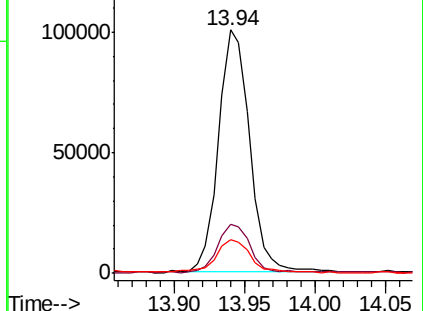
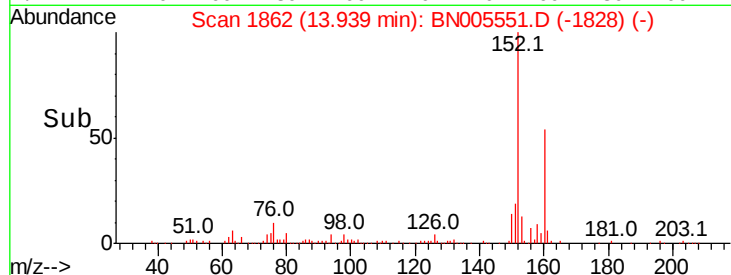
153 13.9 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 2.328 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

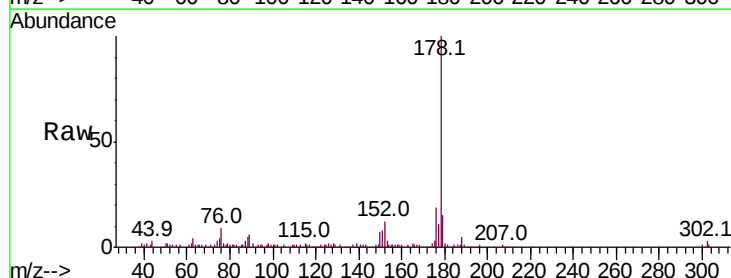
Tgt Ion:178 Resp: 192333

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

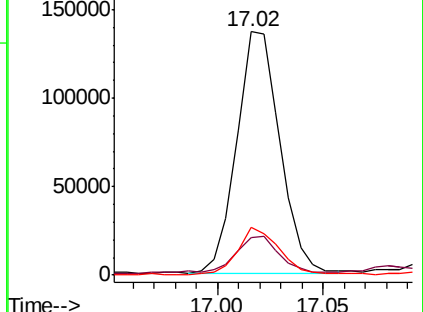
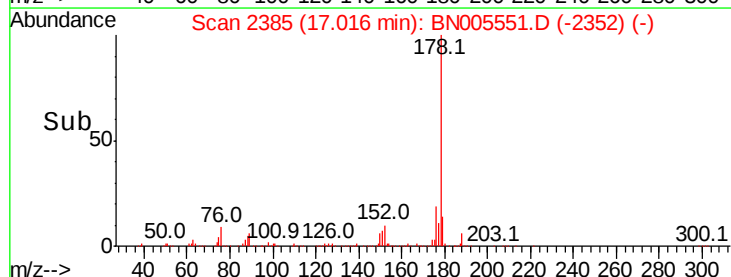
176 19.4 15.1 22.7

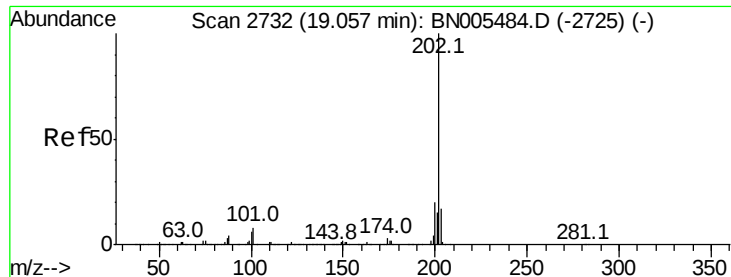


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.117 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

Instrument :

BNA_N

ClientSampleId :

GAJ93

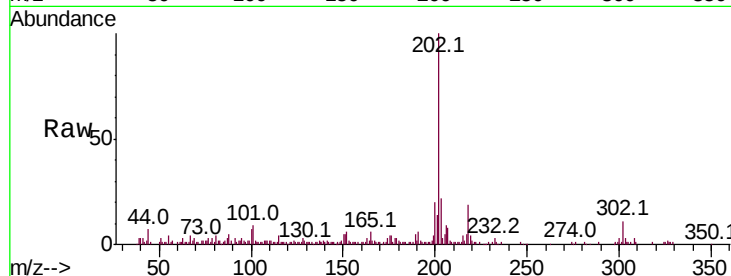
Tot Ion:202 Resp: 102333

Ion Ratio Lower Upper

202 100

101 9.4 8.6 12.8

100 6.8 6.3 9.5

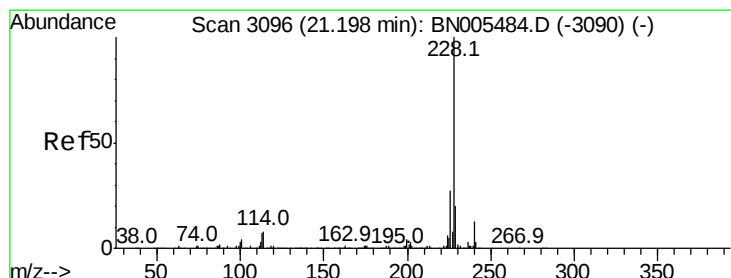
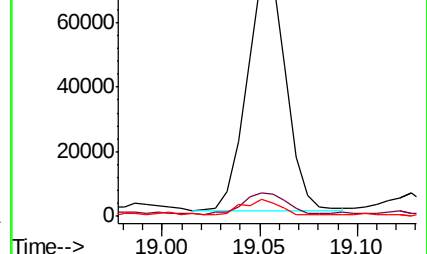
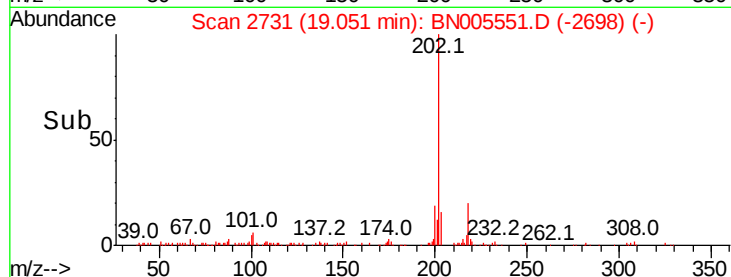


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#82

Benzo(a)anthracene

Concen: 1.138 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

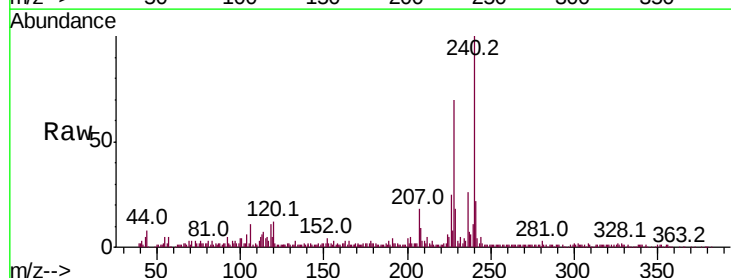
Tgt Ion:228 Resp: 95142

Ion Ratio Lower Upper

228 100

229 25.8 15.8 23.6#

226 35.4 21.4 32.2#

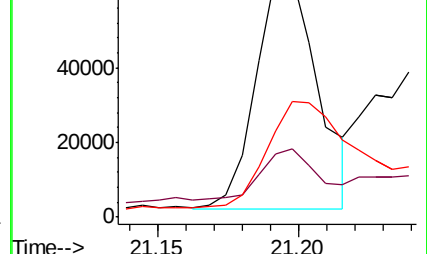
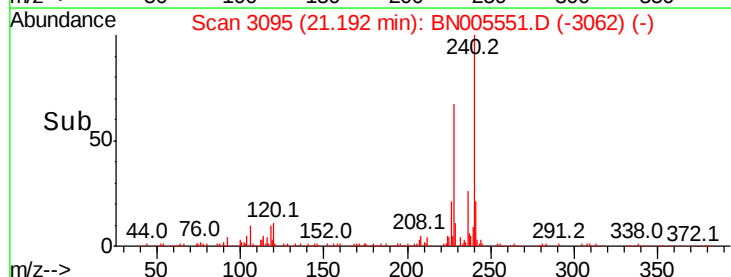


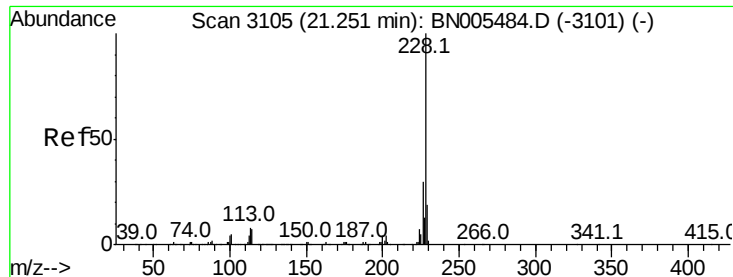
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#84

Chrysene

Concen: 1.176 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

Instrument :

BNA_N

ClientSampled :

GAJ93

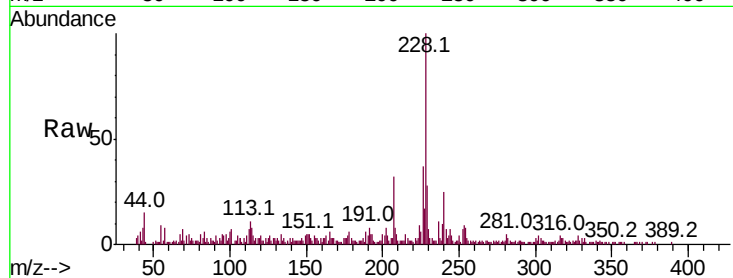
Tot Ion:228 Resp: 91286

Ion Ratio Lower Upper

228 100

226 36.5 24.0 36.0#

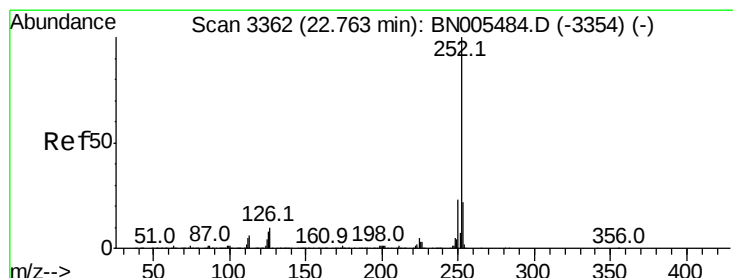
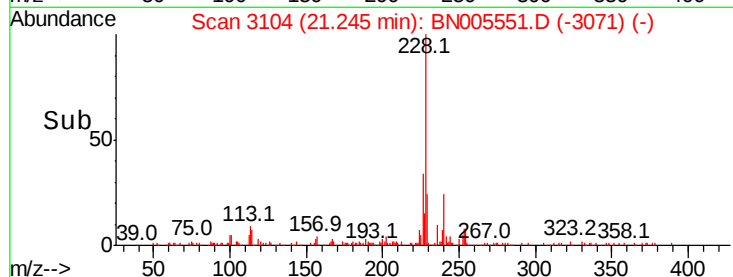
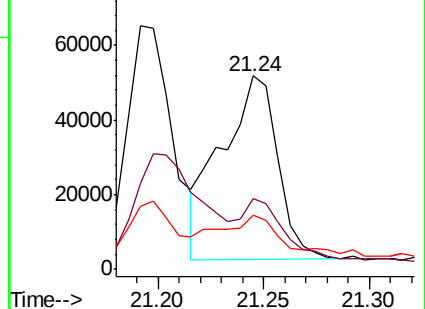
229 28.1 15.4 23.0#



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: 1.225 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

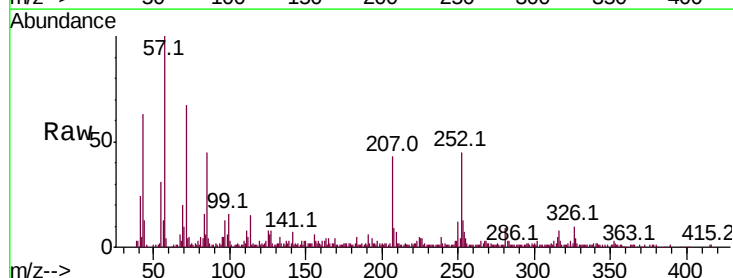
Tgt Ion:252 Resp: 83373

Ion Ratio Lower Upper

252 100

253 27.7 17.7 26.5#

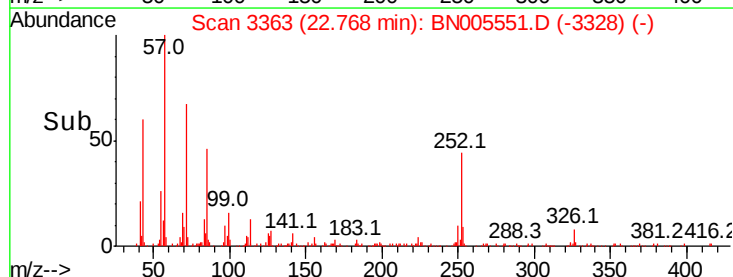
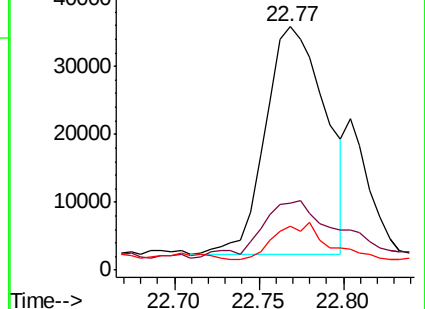
125 18.1 8.4 12.6#

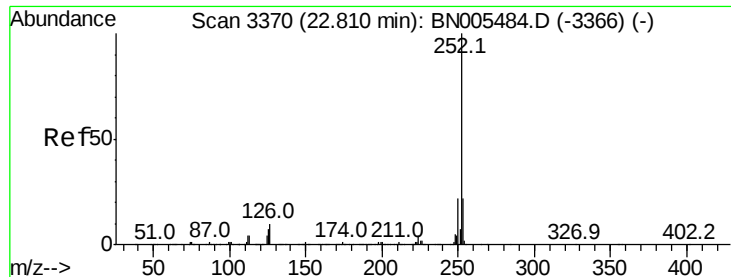


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.283 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

Instrument :

BNA_N

ClientSampleId :

GAJ93

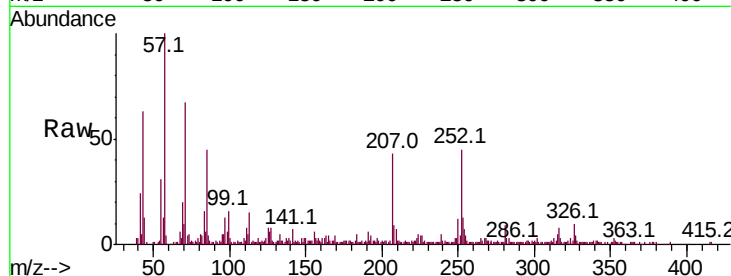
Tot Ion:252 Resp: 83373

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.0#

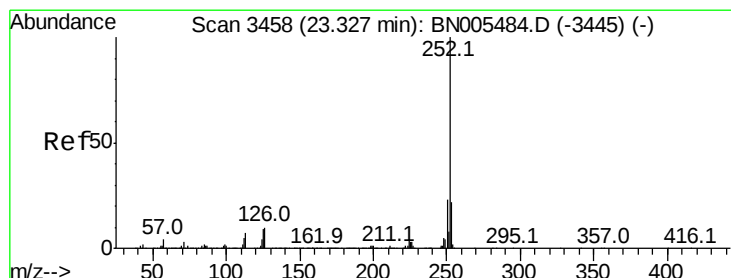
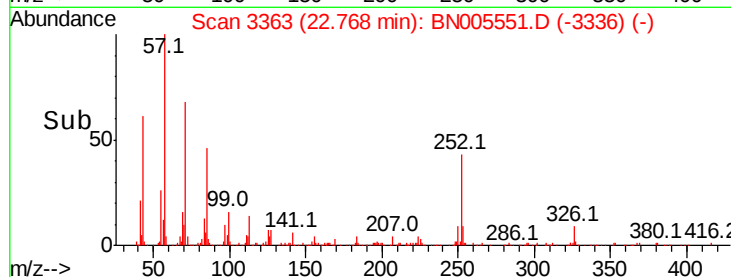
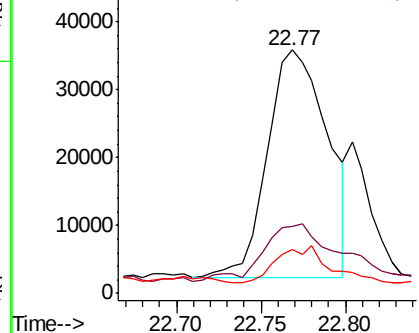
125 18.1 7.5 11.3#



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: 1.508 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN005551.D

Acq: 09 May 2019 02:21

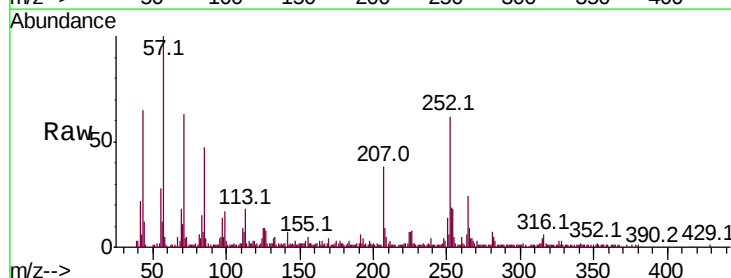
Tgt Ion:252 Resp: 96462

Ion Ratio Lower Upper

252 100

253 30.6 17.3 25.9#

125 15.2 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

