

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005944.D
 Acq On : 29 May 2019 23:08
 Operator : JU/SJ
 Sample : K2924-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:02:15 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	7.74	152	636360	20.00	ng/ul	0.01
18) Naphthalene-d8	10.53	136	2768220	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.39	164	1525262	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	3049018	20.00	ng/ul	0.03
77) Chrysene-d12	21.35	240	1950858	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2133304	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	49261	3.41	ng/uL	0.00
5) Phenol-d5	6.91	99	1034535	18.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	605970	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	832793	19.38	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	785069	17.24	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	406078	22.86	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	319304	19.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	785496	20.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	788084	15.39	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2257601	20.08	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	2912718	20.71	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	309707	15.14	ng/ul	0.03
57) Fluorene-d10	15.38	176	1959809	20.78	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	10344	0.83	ng/ul	0.03
70) Anthracene-d10	17.24	188	2705990	20.85	ng/ul	0.02
78) Pyrene-d10	19.54	212	2386916	24.23	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	1905919	20.02	ng/ul	0.03

Target Compounds

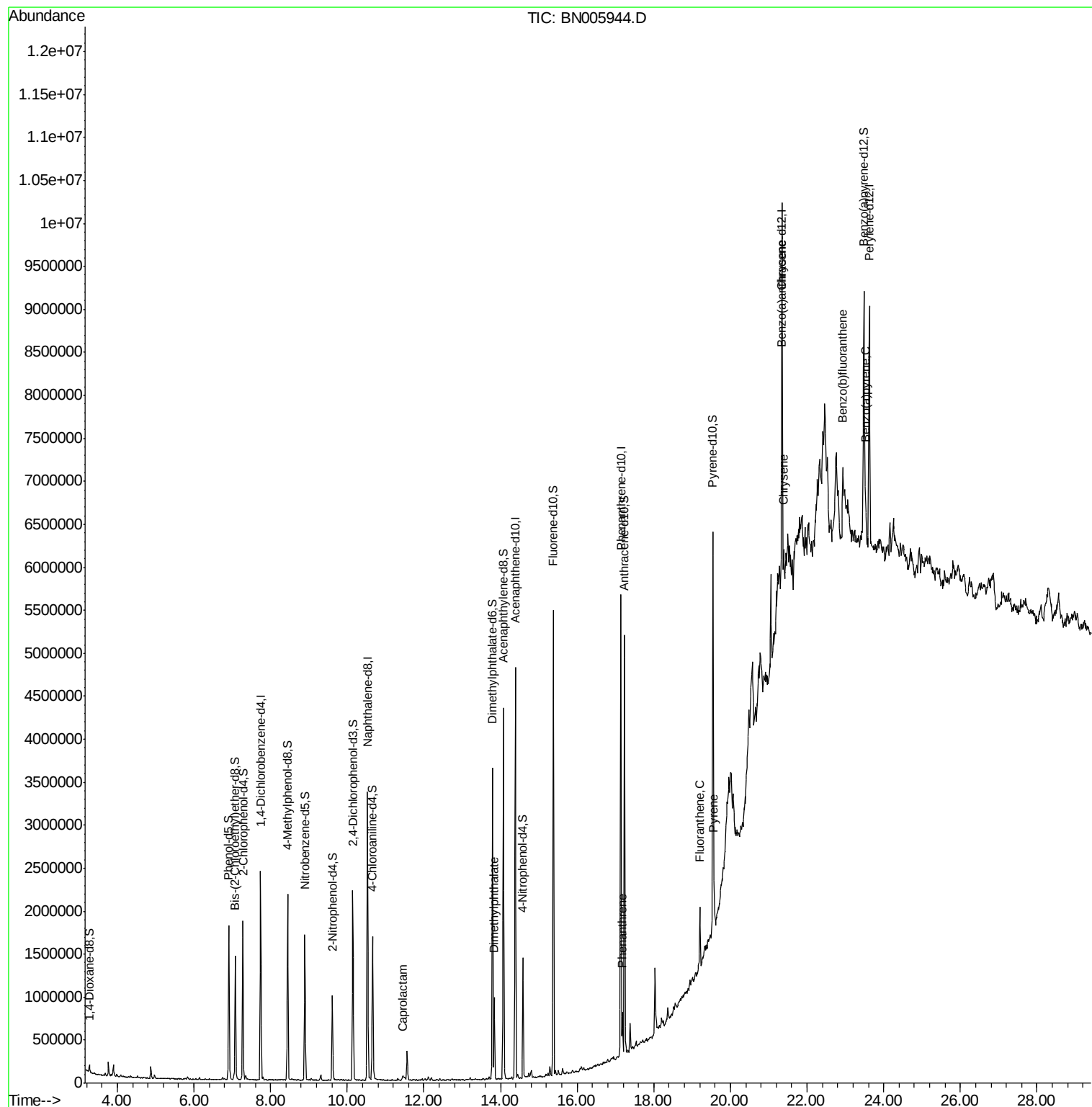
					Ovalue	
32) Caprolactam	11.45	113	31319	2.029	ng/ul#	1
44) Dimethylphthalate	13.84	163	575413	5.120	ng/ul	99
69) Phenanthrene	17.18	178	303054	2.006	ng/ul	100
76) Fluoranthene	19.21	202	386145	2.394	ng/ul	96
79) Pyrene	19.57	202	332916	2.694	ng/ul#	94
82) Benzo(a)anthracene	21.33	228	157226	1.282	ng/ul#	78
84) Chrysene	21.38	228	152116	1.330	ng/ul#	79
87) Benzo(b)fluoranthene	22.94	252	195086	1.628	ng/ul#	37
90) Benzo(a)pyrene	23.52	252	128112	1.134	ng/ul#	41

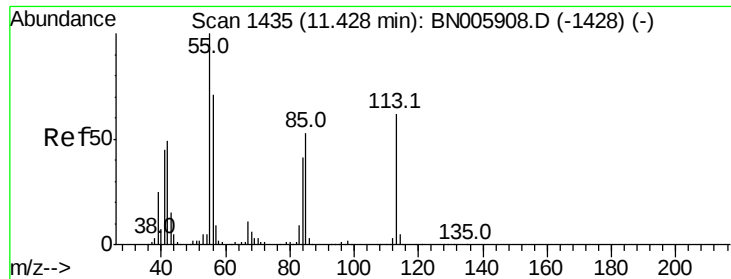
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration





#32

Caprolactam

Concen: 2.029 ng/ul

RT: 11.45 min Scan# 1411

Delta R.T. 0.03 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

Instrument :

BNA_N

ClientSampleId :

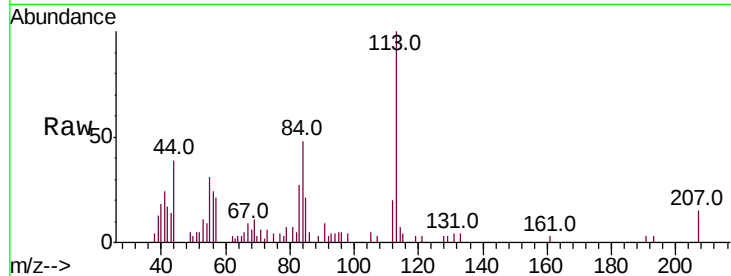
Tot Ion:113 Resp: 31319

Ion Ratio Lower Upper

113 100

55 30.6 157.0 235.4#

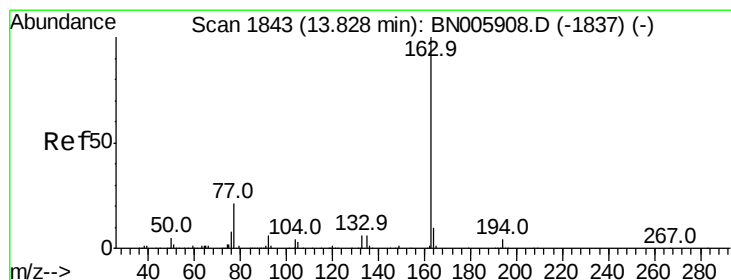
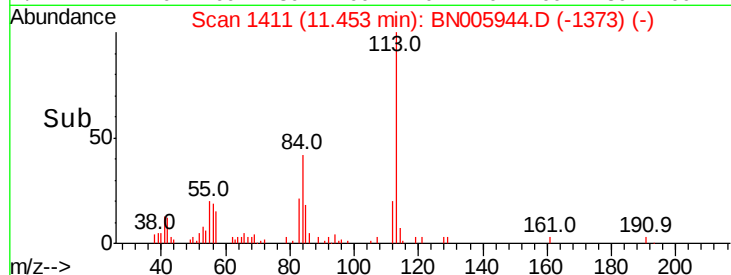
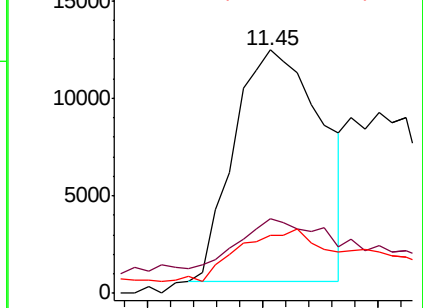
56 23.6 119.1 178.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#44

Dimethylphthalate

Concen: 5.120 ng/ul

RT: 13.84 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

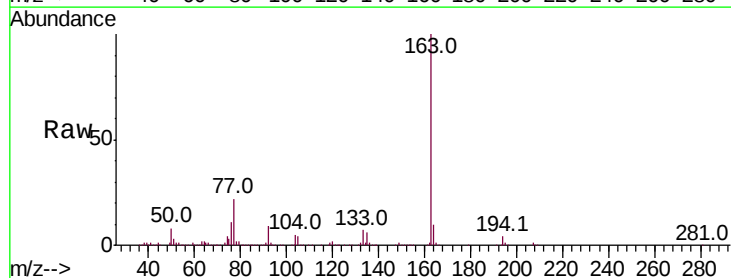
Tgt Ion:163 Resp: 575413

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

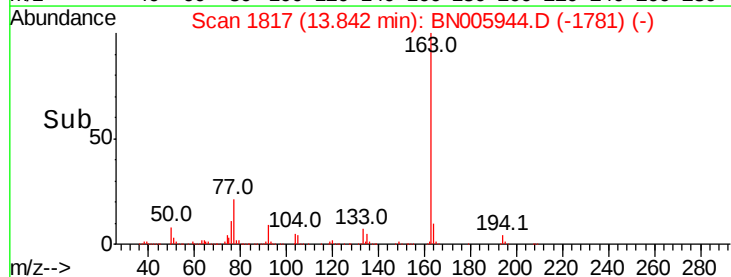
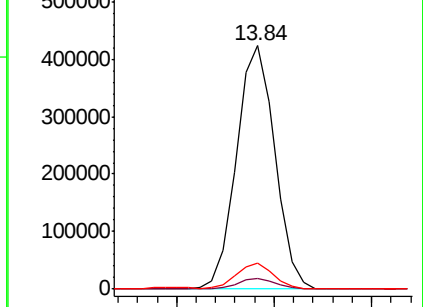
164 10.4 8.1 12.1

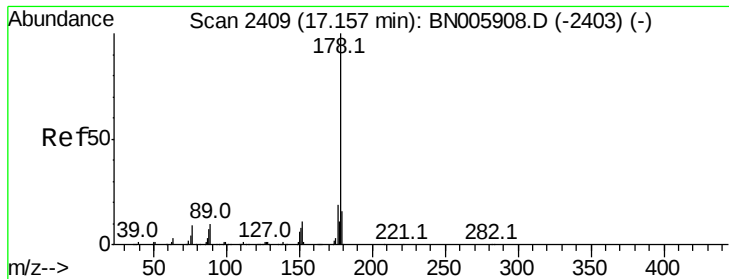


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.006 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. 0.03 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

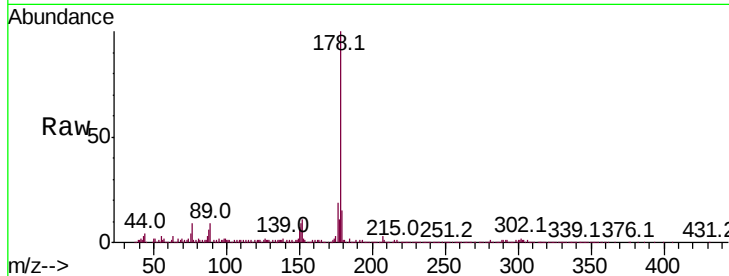
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 303054

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.1	22.7

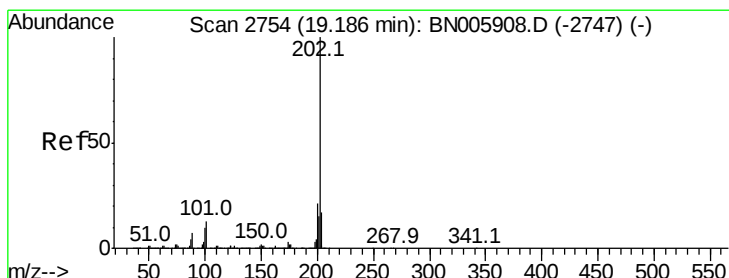
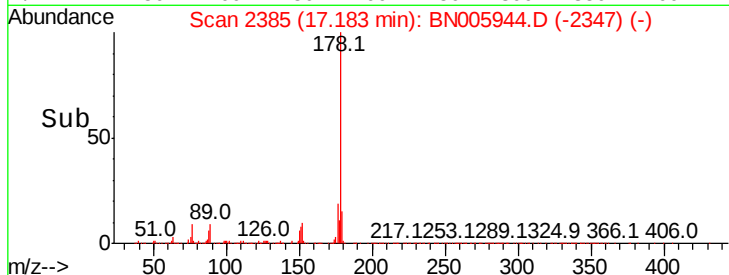
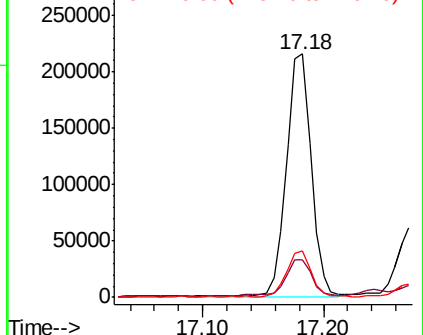


Abundance

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: 2.394 ng/ul

RT: 19.21 min Scan# 2729

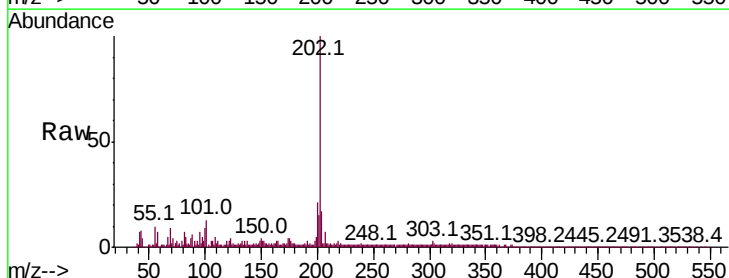
Delta R.T. 0.02 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

Tgt Ion:202 Resp: 386145

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.6	12.8
100	9.2	6.3	9.5

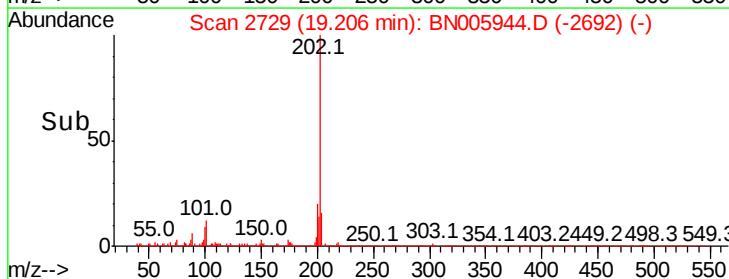
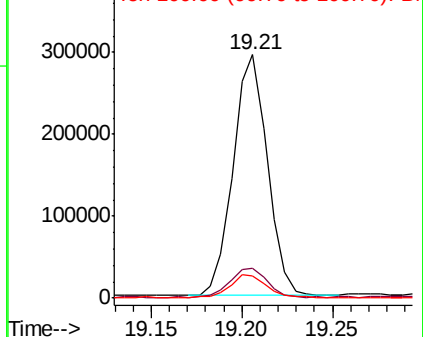


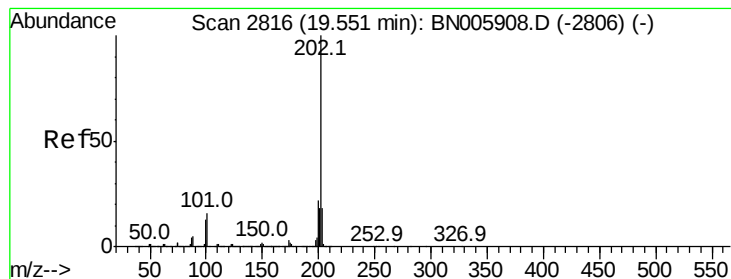
Abundance

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





#79

Pvrene

Concen: 2.694 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. 0.02 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

Instrument :

BNA_N

ClientSampleId :

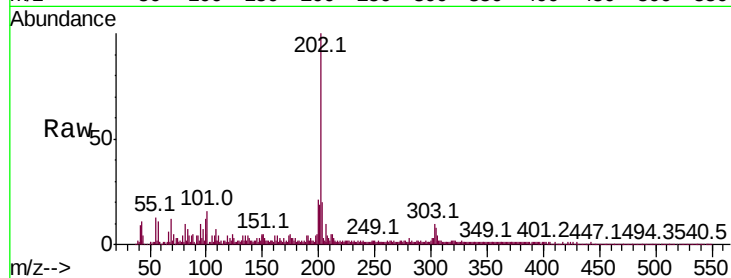
Tot Ion:202 Resp: 332916

Ion Ratio Lower Upper

202 100

101 15.7 10.3 15.5#

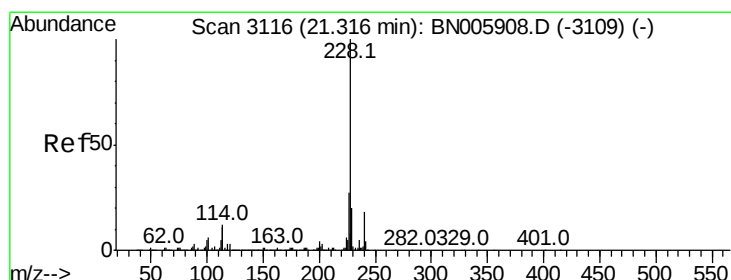
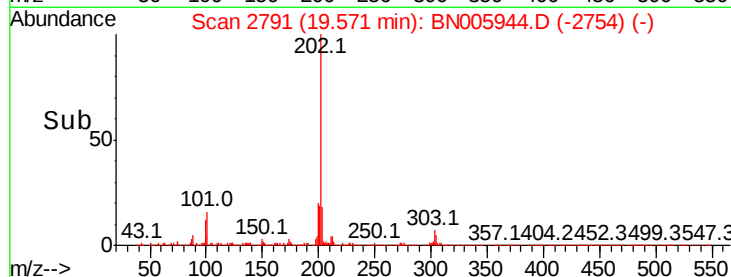
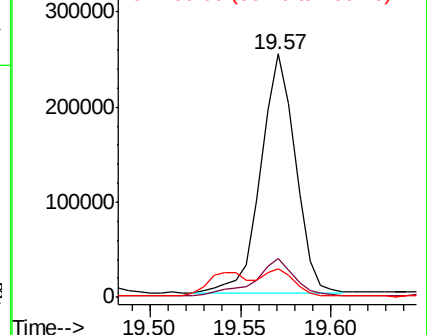
100 11.8 7.9 11.9



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: 1.282 ng/ul

RT: 21.33 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

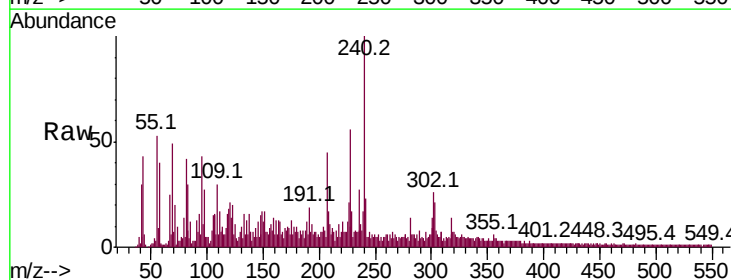
Tgt Ion:228 Resp: 157226

Ion Ratio Lower Upper

228 100

229 30.3 15.8 23.6#

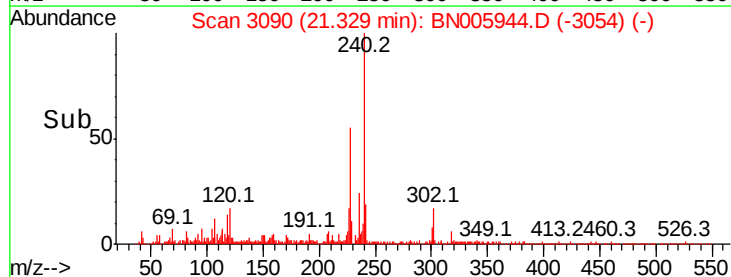
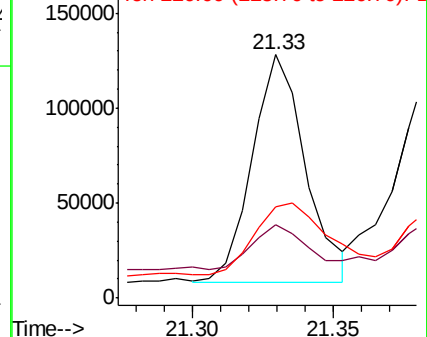
226 37.7 21.4 32.2#

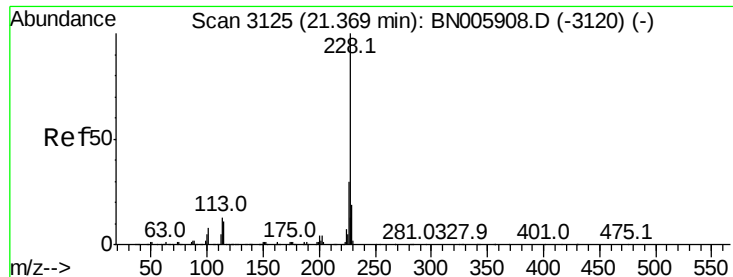


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.330 ng/ul

RT: 21.38 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

Instrument :

BNA_N

ClientSampleId :

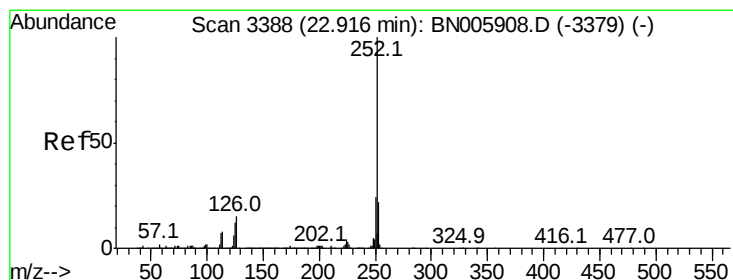
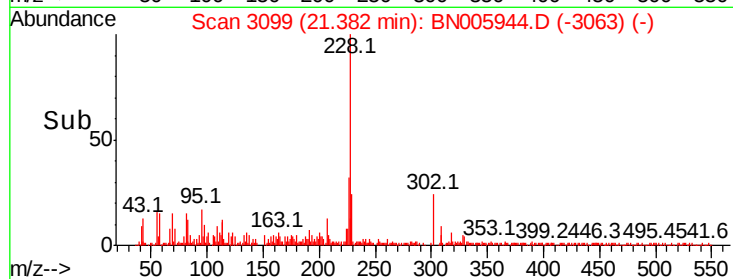
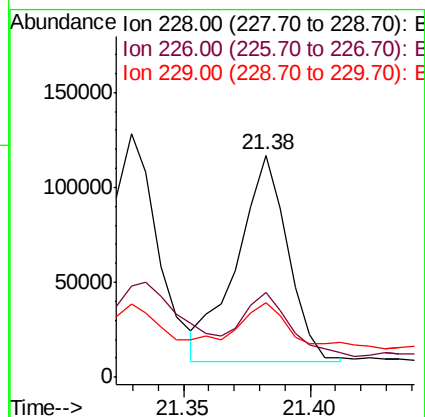
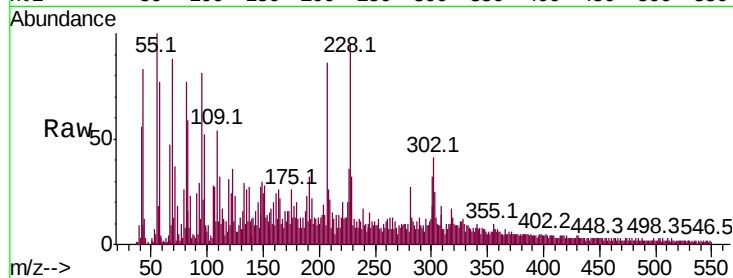
Tot Ion:228 Resp: 152116

Ion Ratio Lower Upper

228 100

226 38.0 24.0 36.0#

229 33.6 15.4 23.0#



#87

Benzo(b)fluoranthene

Concen: 1.628 ng/ul

RT: 22.94 min Scan# 3364

Delta R.T. 0.03 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

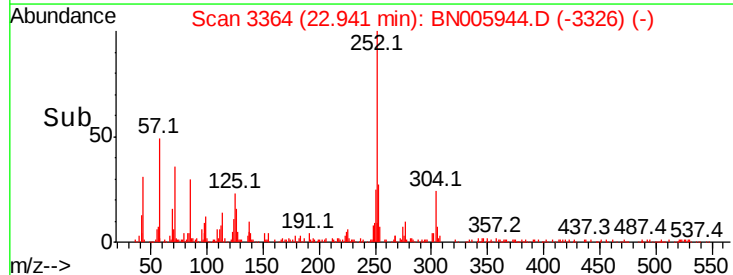
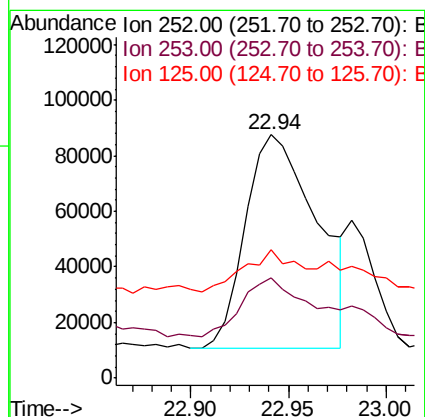
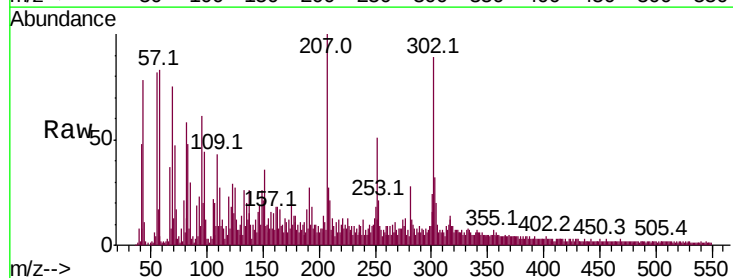
Tgt Ion:252 Resp: 195086

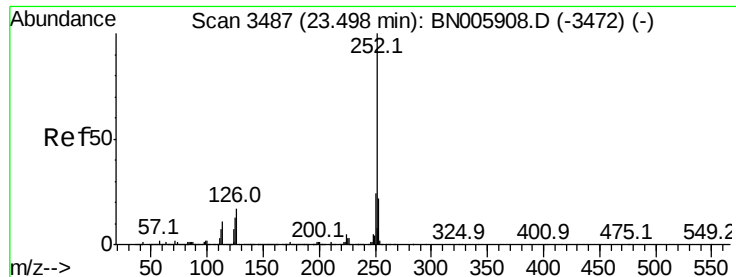
Ion Ratio Lower Upper

252 100

253 41.4 17.7 26.5#

125 52.6 8.4 12.6#





#90

Benzo(a)pyrene

Concen: 1.134 ng/ul

RT: 23.52 min Scan# 3463

Delta R.T. 0.03 min

Lab File: BN005944.D

Acq: 29 May 2019 23:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 128112

Ion Ratio Lower Upper

252 100

253 38.7 17.3 25.9#

125 49.8 8.6 13.0#

