

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006122.D
 Acq On : 06 Jun 2019 04:58
 Operator : JU/SJ
 Sample : K3016-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 07:55:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 07:51:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	353618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1573676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	875973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1841573	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1627668	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1788794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	32947	4.04	ng/uL	0.00
5) Phenol-d5	6.82	99	542293	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	369577	22.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	439088	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	384147	17.55	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	218777	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	239861	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	397634	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	407191	15.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1341818	21.59	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1565744	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	128838	11.74	ng/ul	0.00
57) Fluorene-d10	15.30	176	1093017	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	116497	11.30	ng/ul	0.00
70) Anthracene-d10	17.15	188	1524124	19.40	ng/ul	0.00
78) Pyrene-d10	19.46	212	1599874	20.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1481934	18.60	ng/ul	0.00

Target Compounds

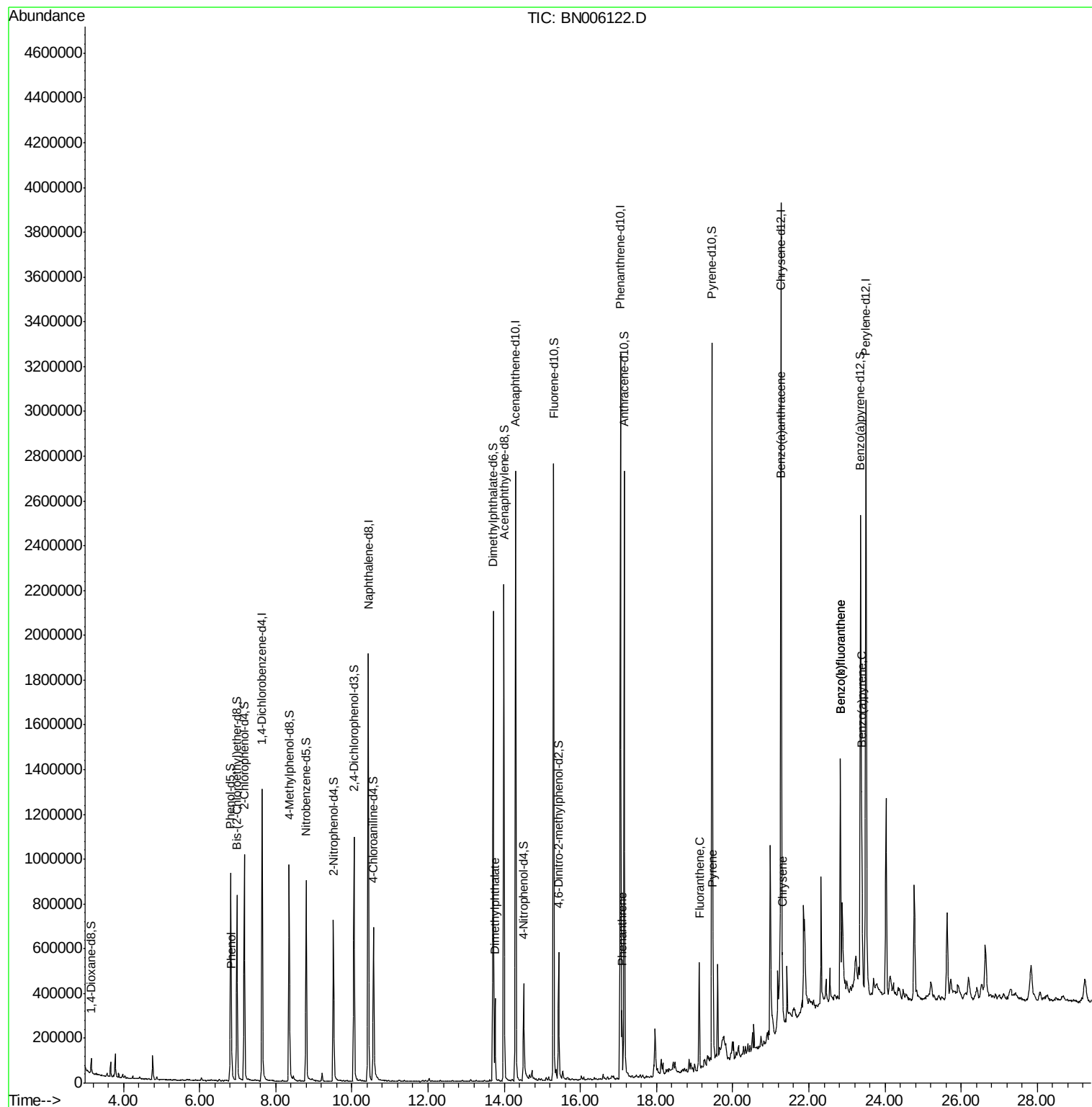
					Ovalue	
6) Phenol	6.84	94	46292	1.603	ng/ul	96
44) Dimethylphthalate	13.76	163	228713	3.711	ng/ul	99
69) Phenanthrene	17.09	178	149260	1.653	ng/ul	98
76) Fluoranthene	19.12	202	274573	2.713	ng/ul	98
79) Pyrene	19.49	202	259248	2.591	ng/ul	99
82) Benzo(a)anthracene	21.25	228	112219	1.121	ng/ul	97
84) Chrysene	21.30	228	141215	1.472	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	165015	1.730	ng/ul#	89
88) Benzo(k)fluoranthene	22.83	252	165015	1.768	ng/ul#	90
90) Benzo(a)pyrene	23.40	252	106201	1.152	ng/ul#	92

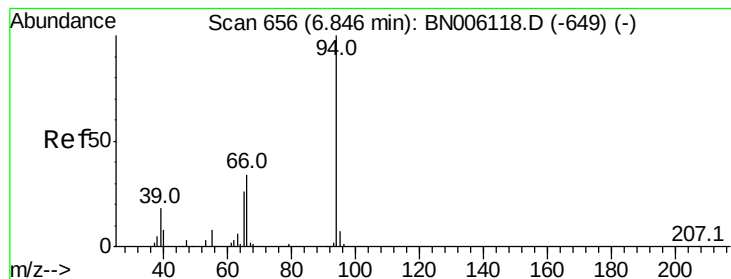
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.603 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

Instrument :

BNA_N

ClientSampleId :

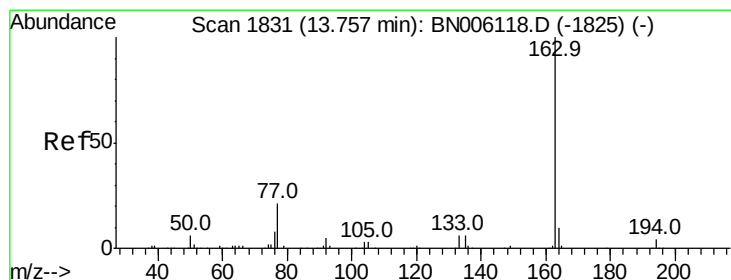
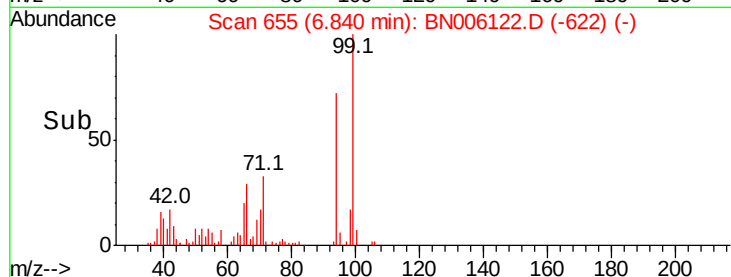
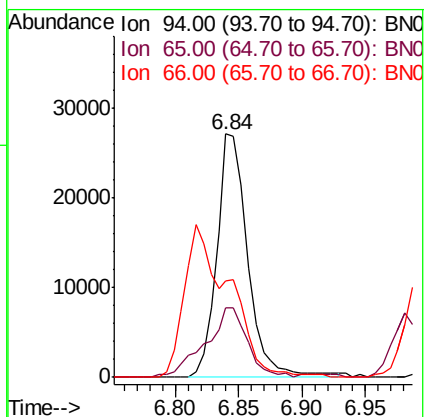
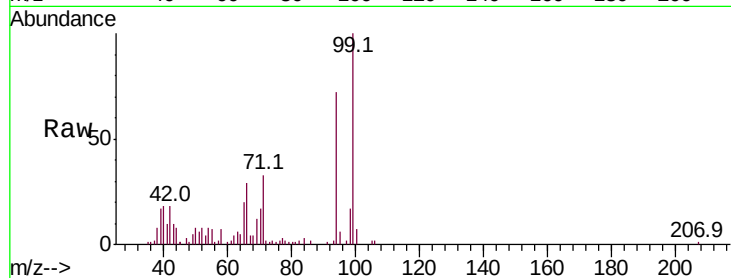
Tot Ion: 94 Resp: 46292

Ion Ratio Lower Upper

94 100

65 28.4 21.8 32.6

66 39.7 29.5 44.3



#44

Dimethylphthalate

Concen: 3.711 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

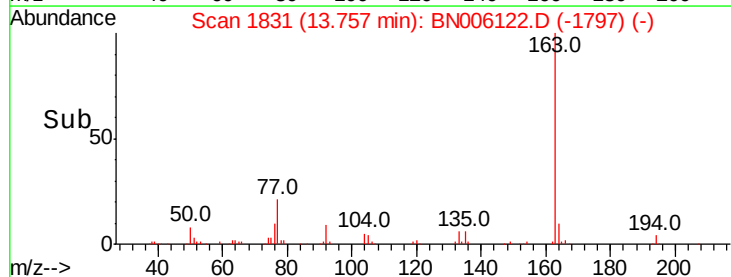
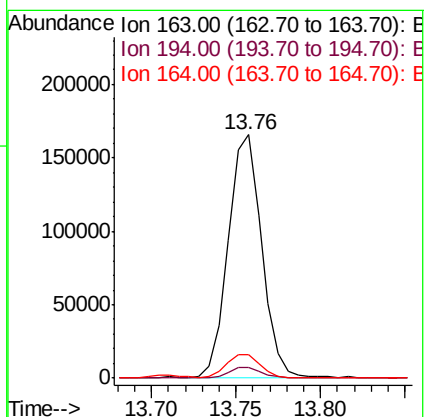
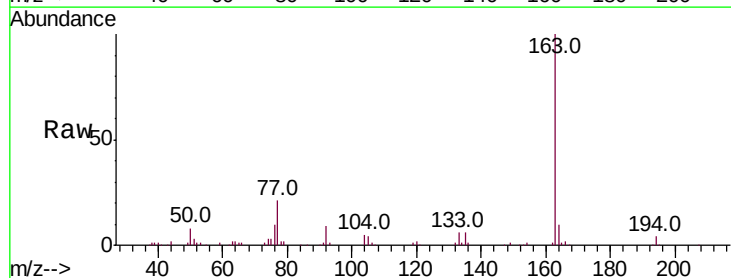
Tgt Ion:163 Resp: 228713

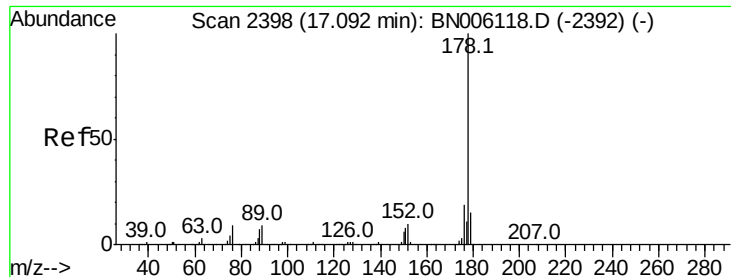
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.6 8.2 12.2





#69

Phenanthrene

Concen: 1.653 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

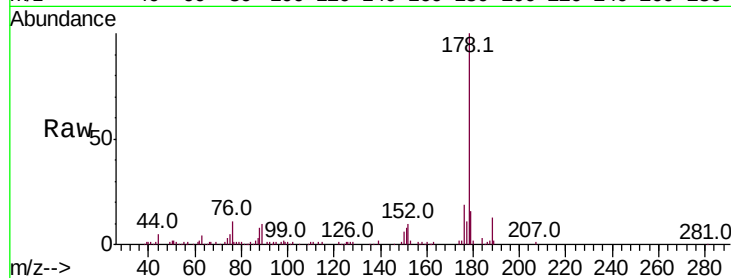
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 149260

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	19.0	15.0	22.6

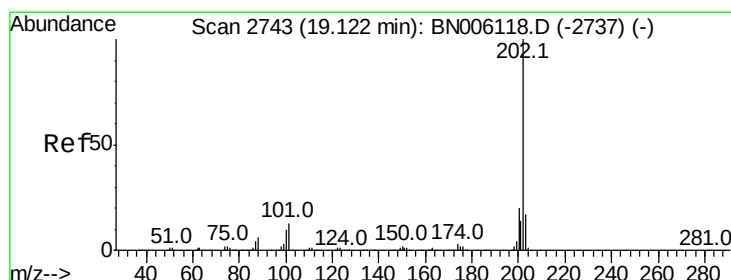
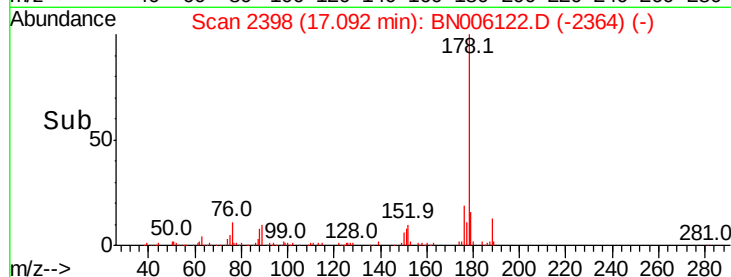
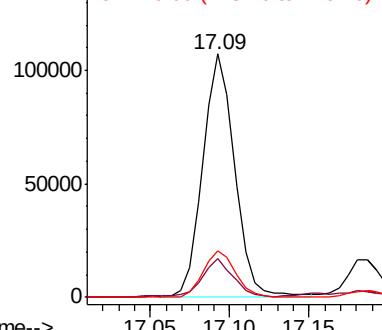


Abundance

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: 2.713 ng/ul

RT: 19.12 min Scan# 2743

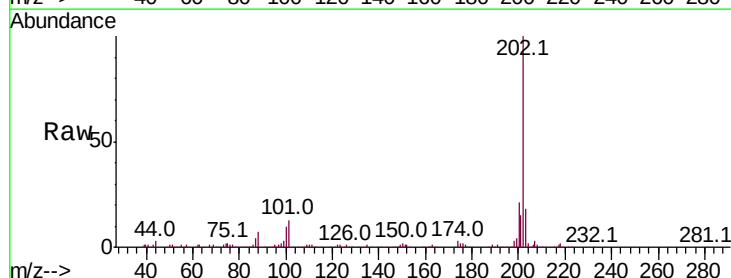
Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

Tgt Ion:202 Resp: 274573

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
100	9.5	7.1	10.7

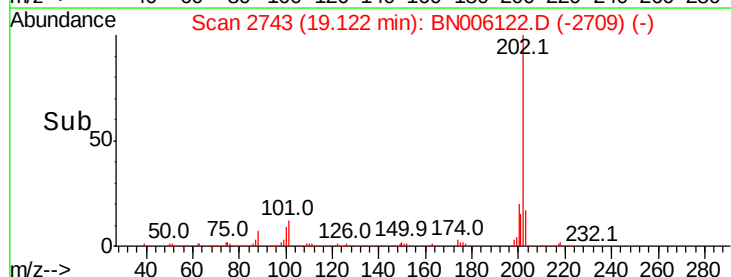
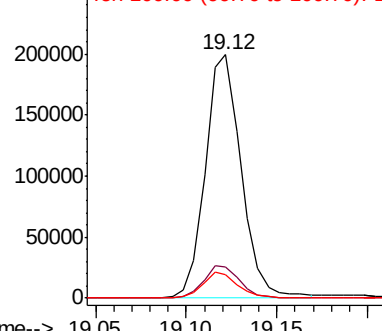


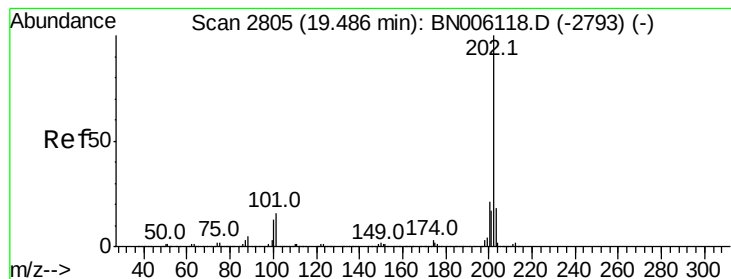
Abundance

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

Pvrene

Concen: 2.591 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

Instrument :

BNA_N

ClientSampled :

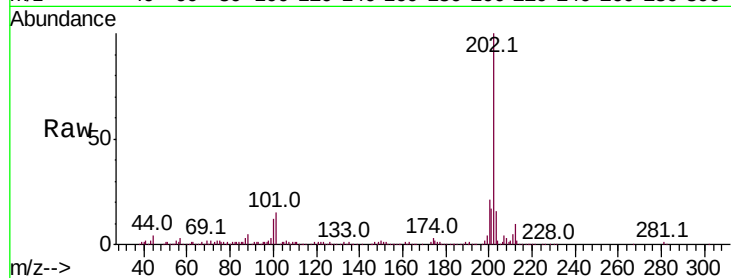
Tot Ion:202 Resp: 259248

Ion Ratio Lower Upper

202 100

101 14.8 11.5 17.3

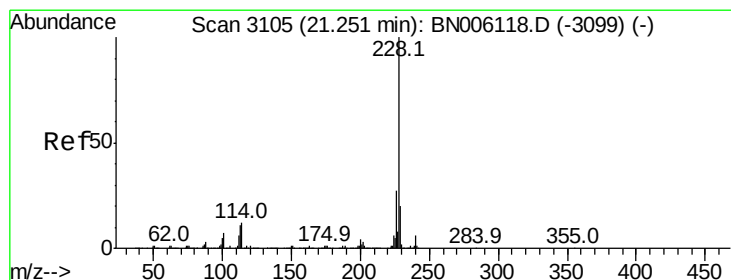
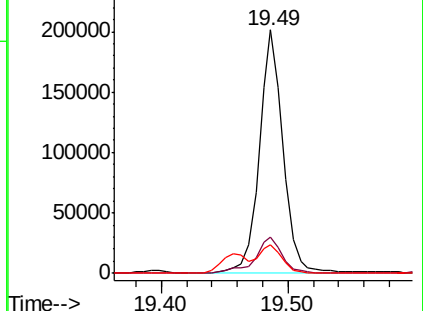
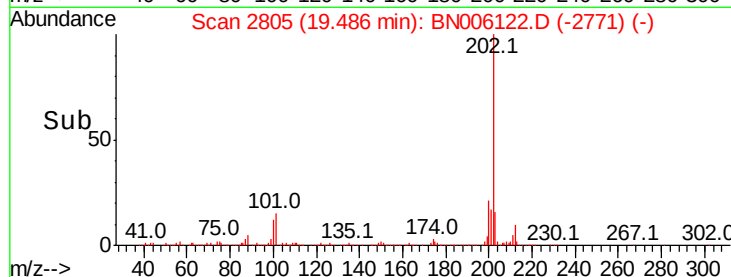
100 11.6 9.0 13.6



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: 1.121 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

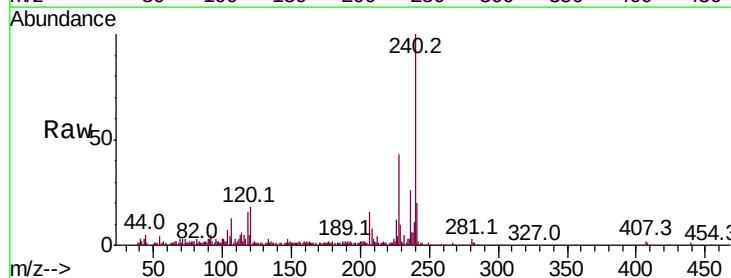
Tgt Ion:228 Resp: 112219

Ion Ratio Lower Upper

228 100

229 22.5 16.1 24.1

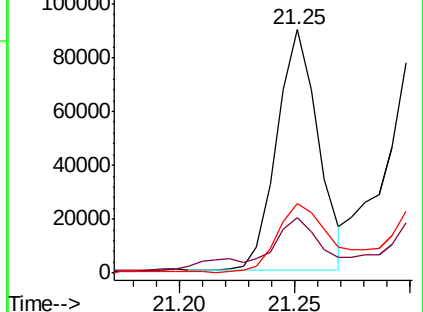
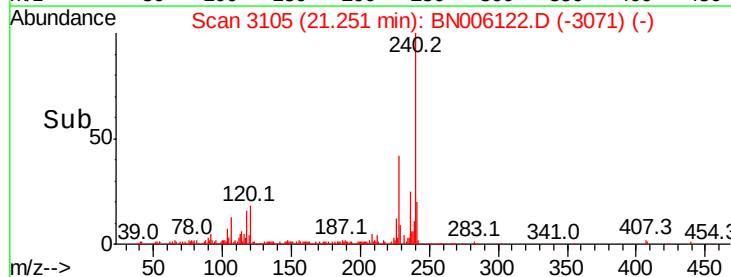
226 28.4 21.9 32.9

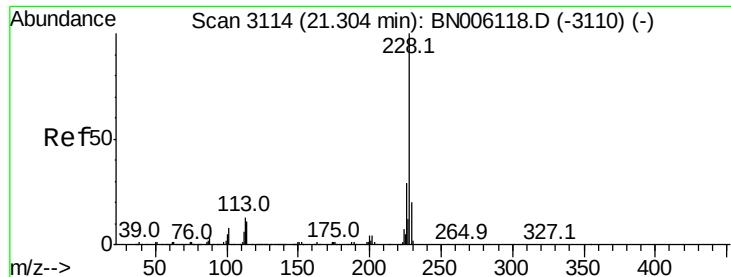


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.472 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

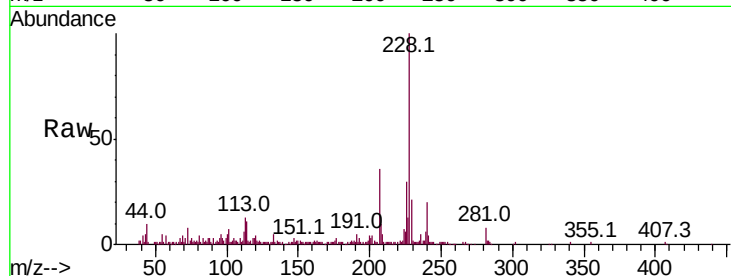
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 141215

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.1	16.0	24.0

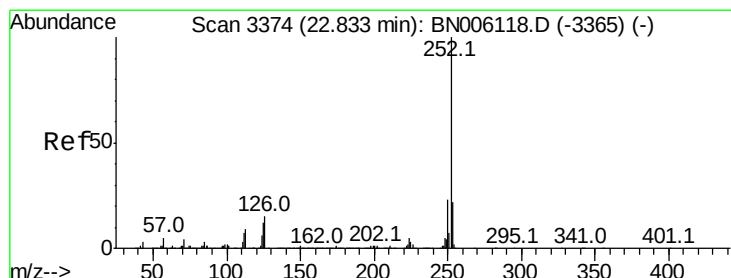
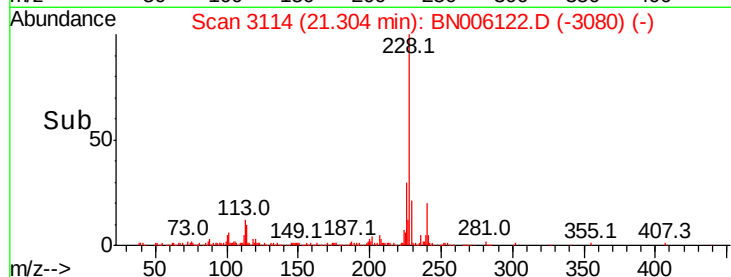
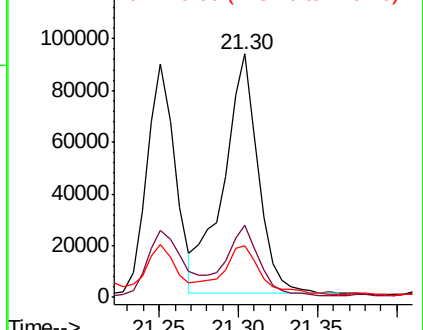


Abundance

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: 1.730 ng/ul

RT: 22.83 min Scan# 3374

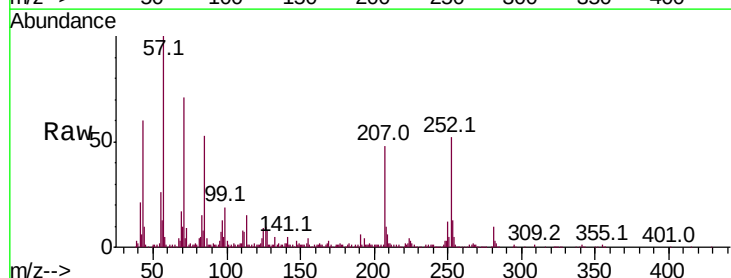
Delta R.T. 0.00 min

Lab File: BN006122.D

Acq: 06 Jun 2019 04:58

Tgt Ion:252 Resp: 165015

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	18.2	8.2	12.2#

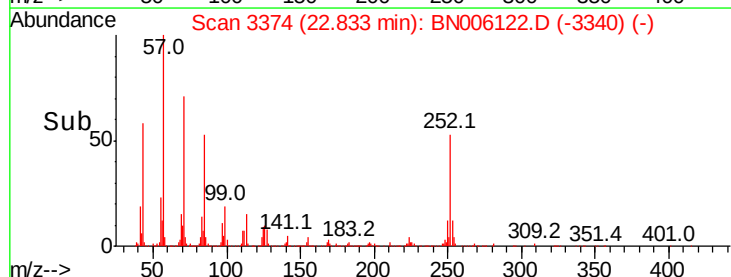
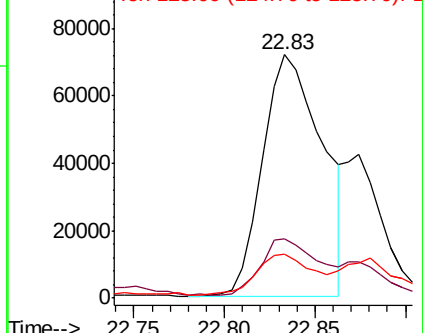


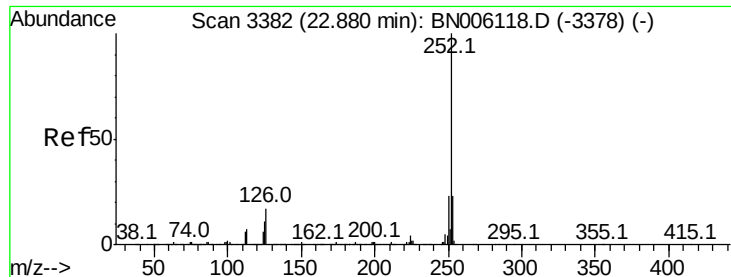
Abundance

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

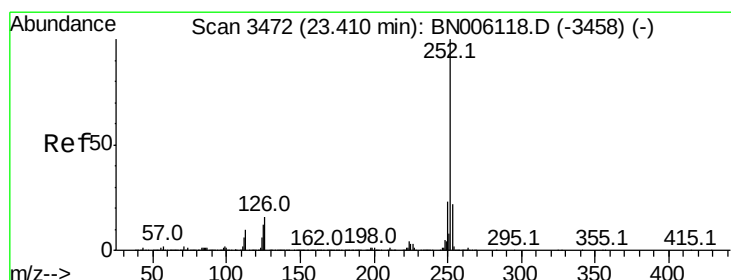
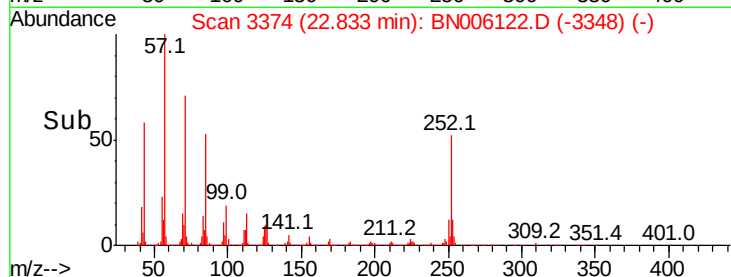
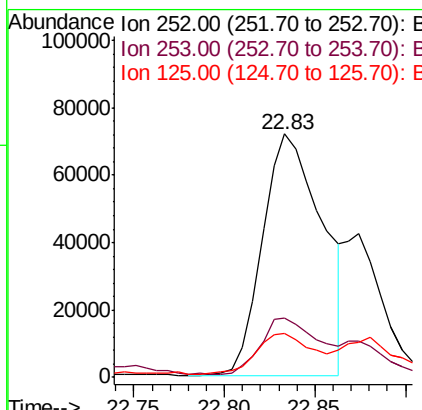
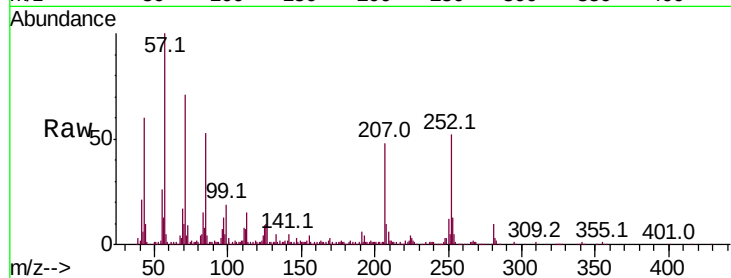




#88
Benzo(k)fluoranthene
Concen: 1.768 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BN006122.D
Acq: 06 Jun 2019 04:58

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	18.2	8.0	12.0



#90
Benzo(a)pyrene
Concen: 1.152 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN006122.D
Acq: 06 Jun 2019 04:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	19.2	9.7	14.5

