

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006121.D
 Acq On : 06 Jun 2019 04:23
 Operator : JU/SJ
 Sample : K3016-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D8

Quant Time: Jun 06 08:46:55 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	7.65	152	362686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1595447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	908812	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1862077	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1648529	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1803130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	26880	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	441015	15.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	309284	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	378601	16.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	290969	12.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	183157	16.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	193317	15.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	342814	15.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	273297	10.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1105799	17.15	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1318698	15.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	78021	6.85	ng/ul	0.00
57) Fluorene-d10	15.30	176	902882	16.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	87918	8.44	ng/ul	0.00
70) Anthracene-d10	17.15	188	1285483	16.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	1321170	16.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1177942	14.67	ng/ul	0.00

Target Compounds

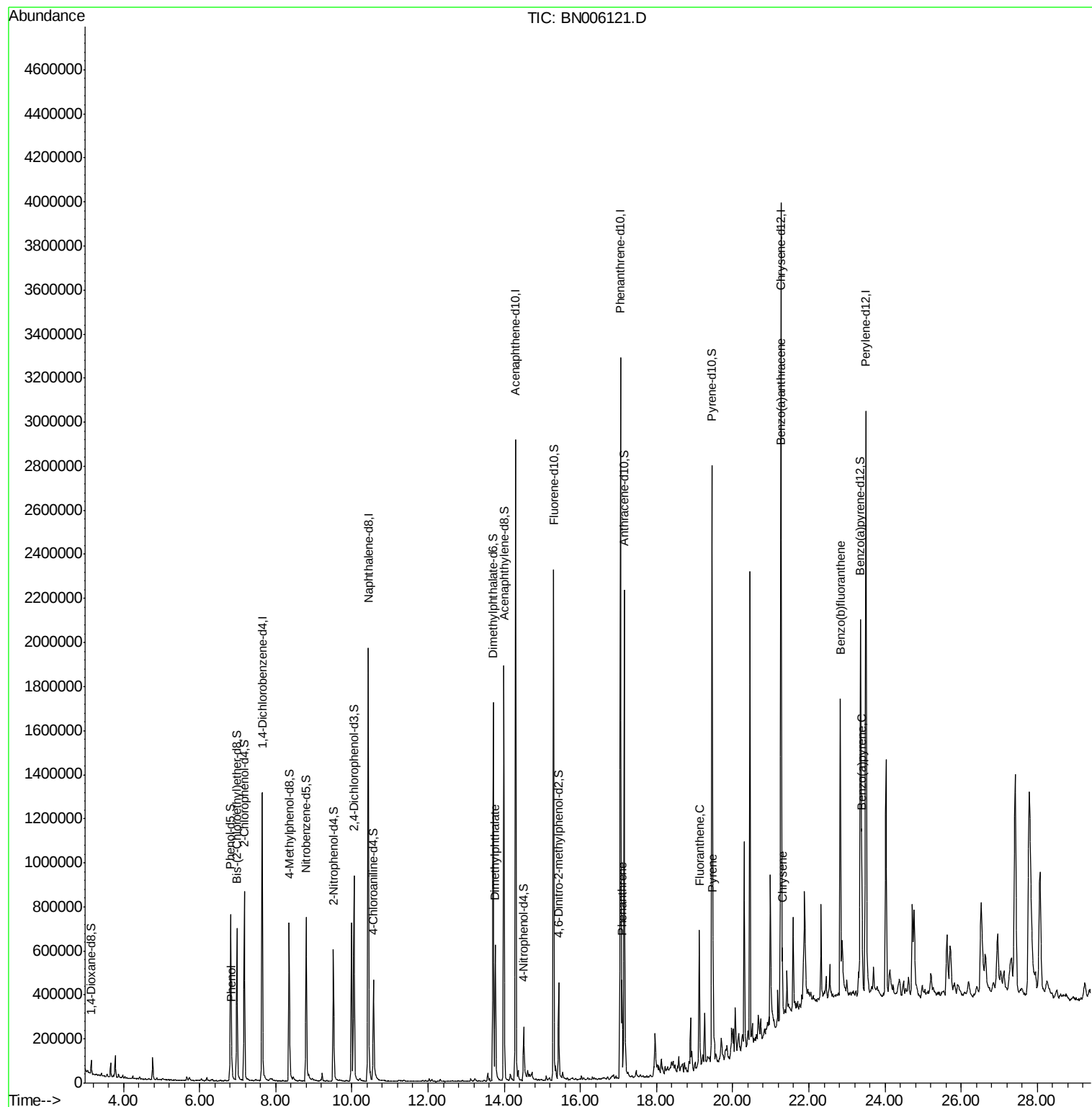
					Ovalue	
6) Phenol	6.85	94	39955	1.349	ng/ul	99
44) Dimethylphthalate	13.76	163	216671	3.388	ng/ul	98
69) Phenanthrene	17.09	178	237973	2.606	ng/ul	99
76) Fluoranthene	19.12	202	349079	3.411	ng/ul	98
79) Pyrene	19.49	202	292317	2.884	ng/ul	95
82) Benzo(a)anthracene	21.25	228	172989	1.707	ng/ul	98
84) Chrysene	21.30	228	156558	1.612	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	197207	2.052	ng/ul#	89
90) Benzo(a)pyrene	23.40	252	126614	1.363	ng/ul#	95

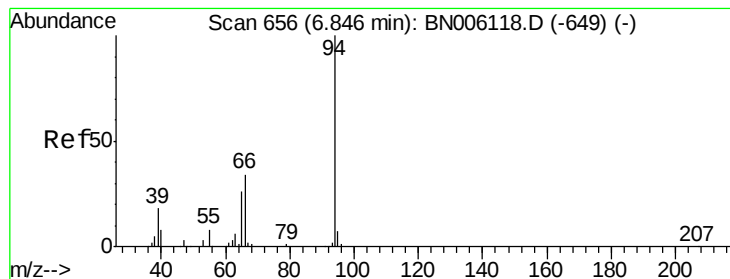
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.349 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

Instrument :

BNA_N

ClientSampleId :

A51D8

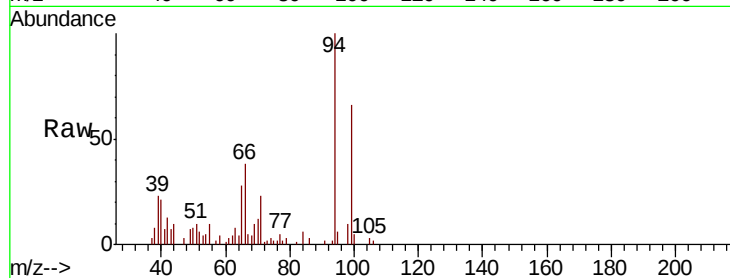
Tot Ion: 94 Resp: 39955

Ion Ratio Lower Upper

94 100

65 27.7 21.8 32.6

66 37.9 29.5 44.3

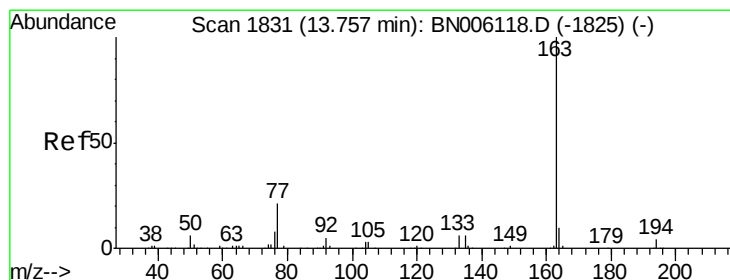
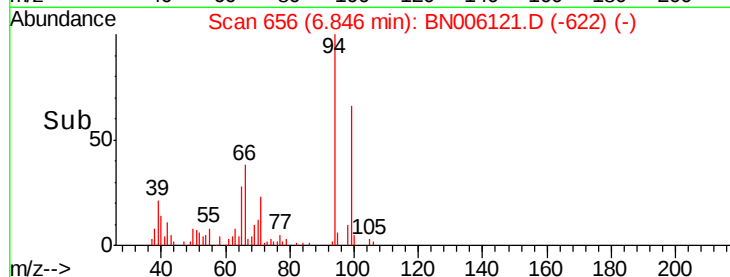
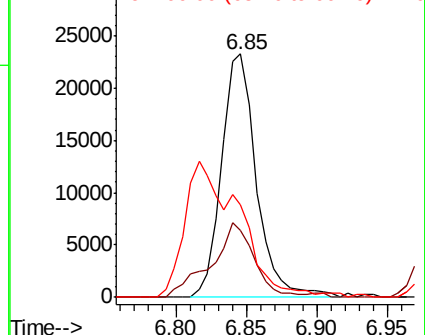


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 3.388 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

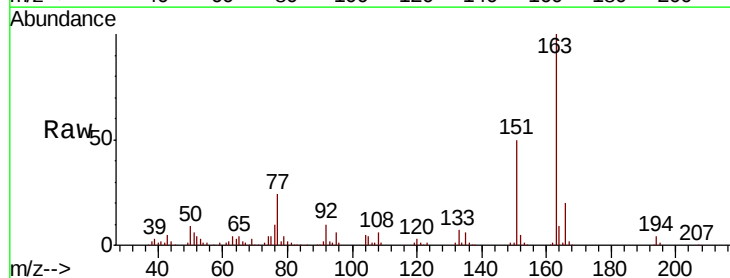
Tgt Ion: 163 Resp: 216671

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.4 8.2 12.2

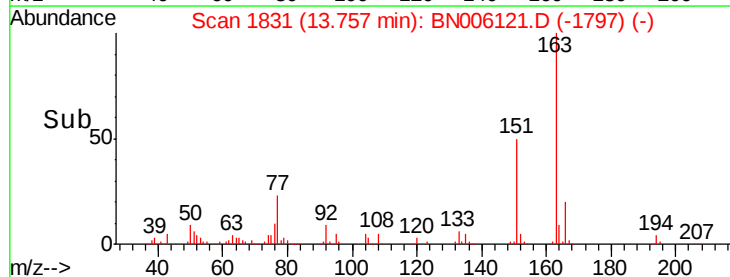
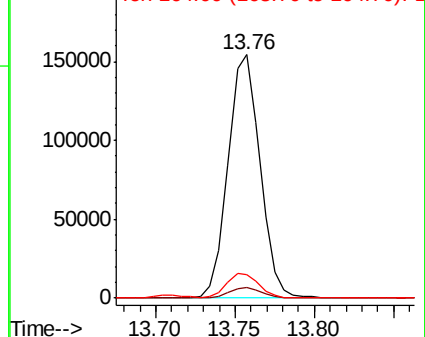


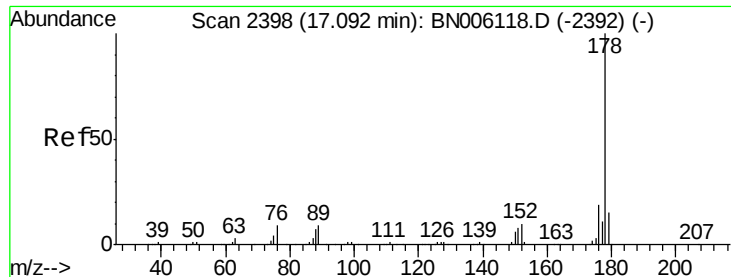
Abundance

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: 2.606 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

Instrument :

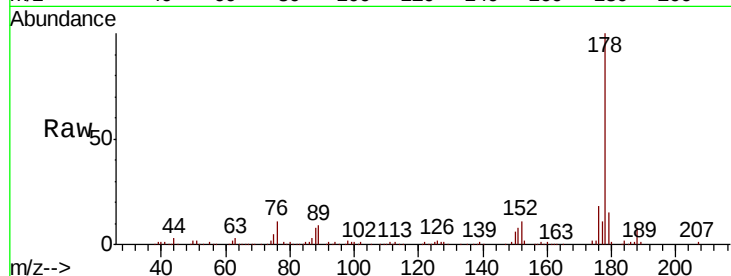
BNA_N

ClientSampleId :

A51D8

Tot Ion:178 Resp: 237973

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.8	17.8
176	18.5	15.0	22.6

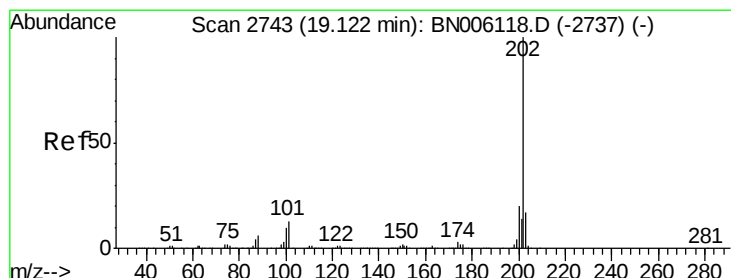
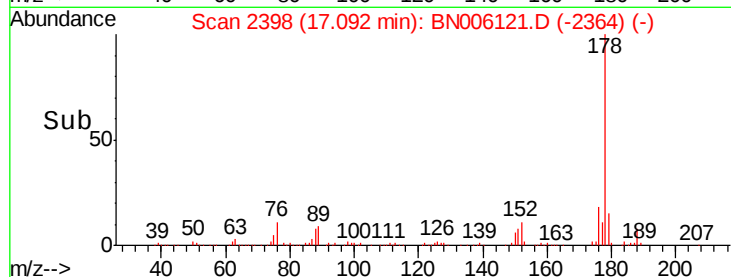
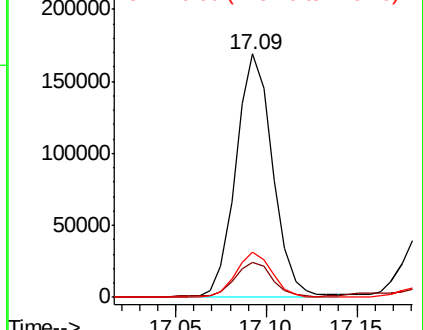


Abundance

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: 3.411 ng/ul

RT: 19.12 min Scan# 2743

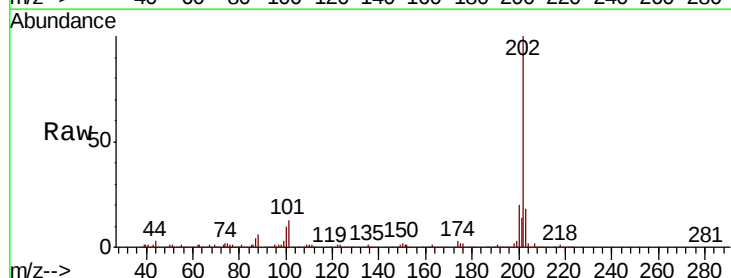
Delta R.T. 0.00 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

Tgt Ion:202 Resp: 349079

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.6	14.4
100	9.6	7.1	10.7

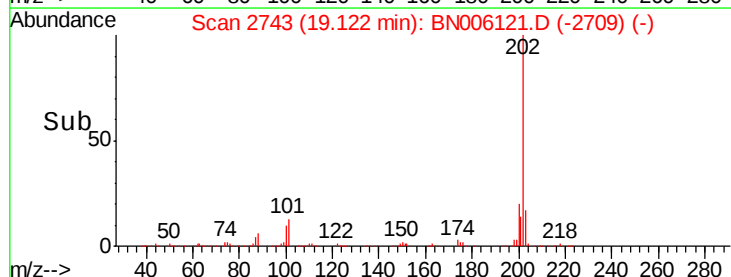
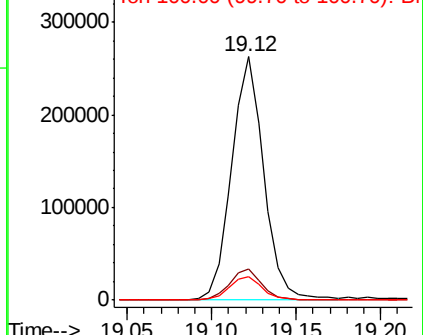


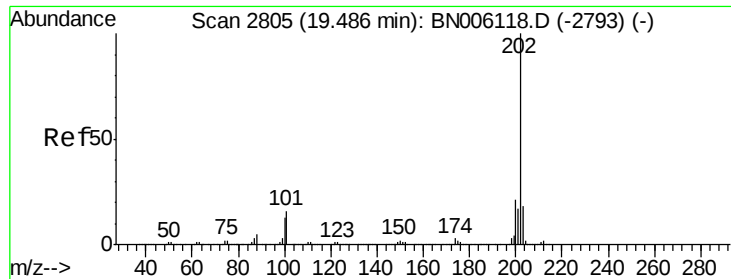
Abundance

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

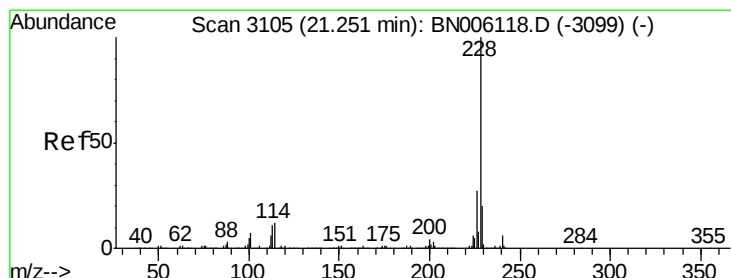
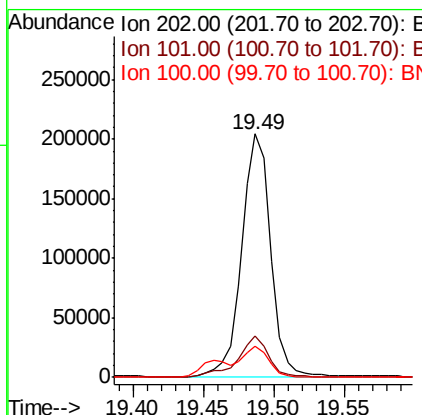
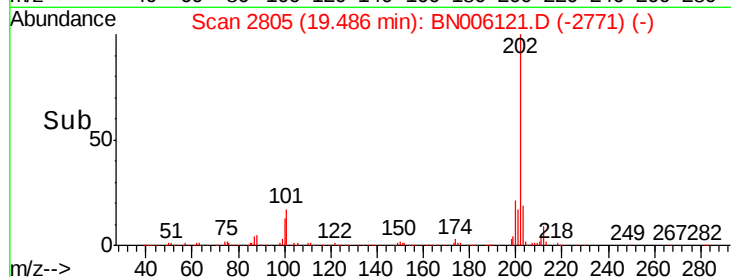
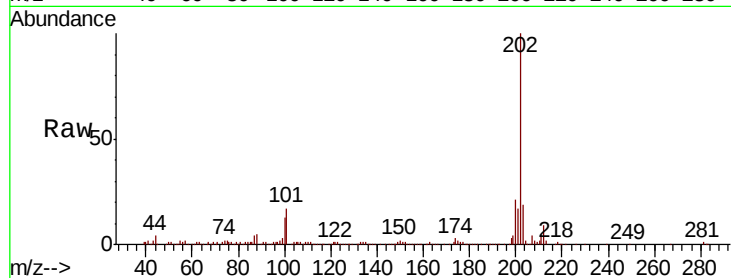




#79
Pvrene
Concen: 2.884 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BN006121.D
Acq: 06 Jun 2019 04:23

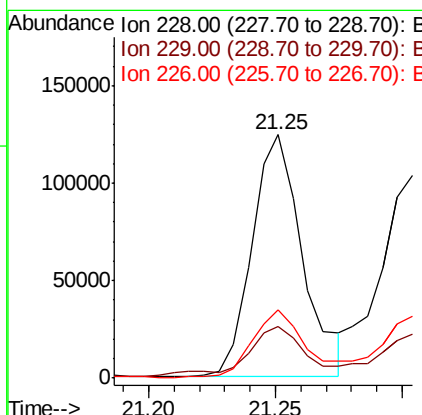
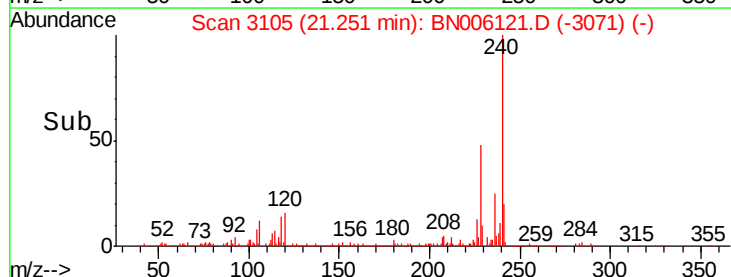
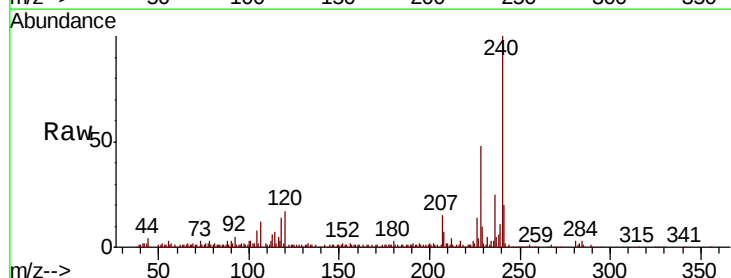
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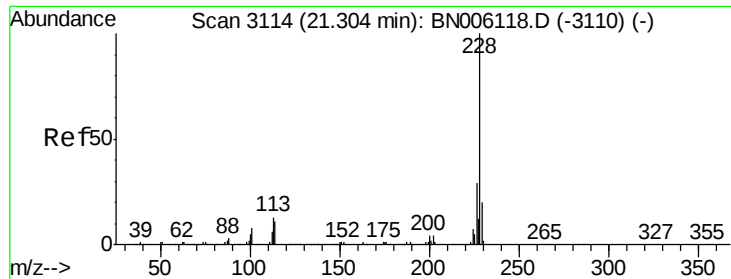
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.5	17.3
100	12.7	9.0	13.6



#82
Benzo(a)anthracene
Concen: 1.707 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN006121.D
Acq: 06 Jun 2019 04:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.1	24.1
226	28.2	21.9	32.9





#84

Chrysene

Concen: 1.612 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

Instrument :

BNA_N

ClientSampleId :

A51D8

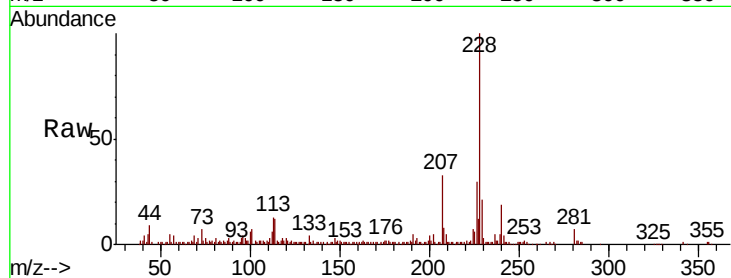
Tot Ion:228 Resp: 156558

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 21.4 16.0 24.0

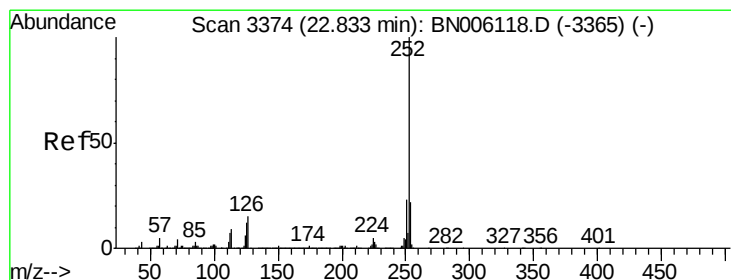
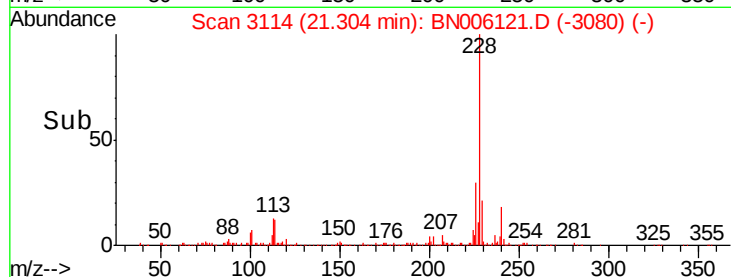
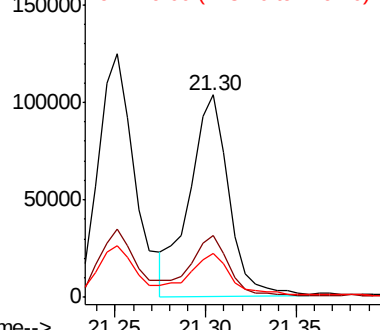


Abundance

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: 2.052 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN006121.D

Acq: 06 Jun 2019 04:23

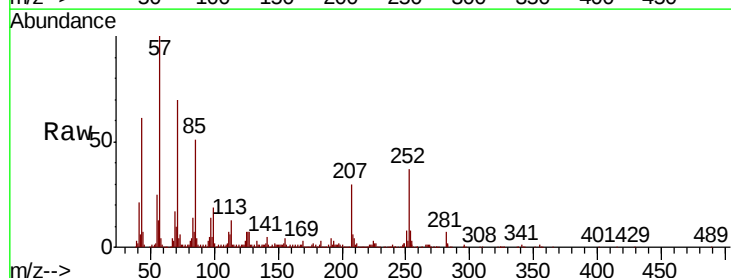
Tgt Ion:252 Resp: 197207

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 20.4 8.2 12.2#

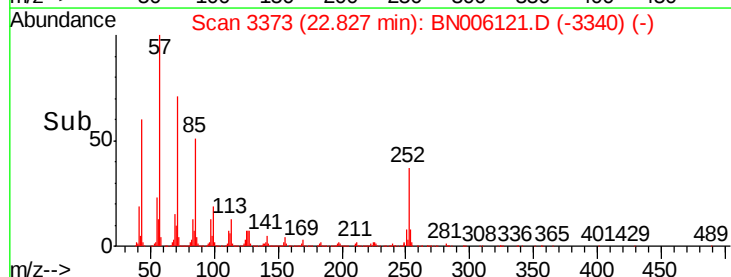
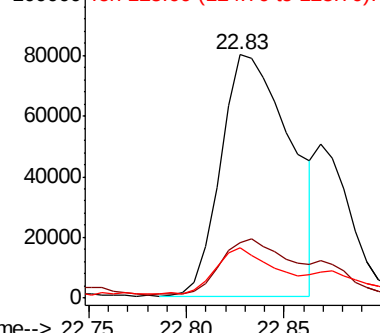


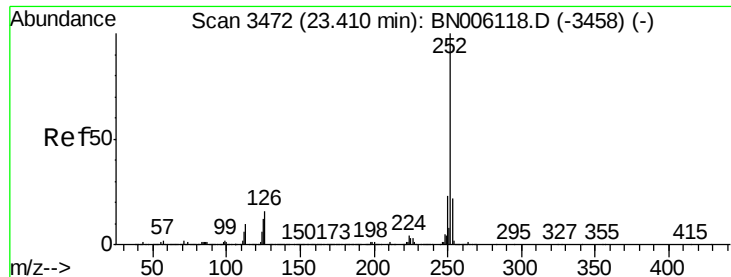
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.363 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BN006121.D

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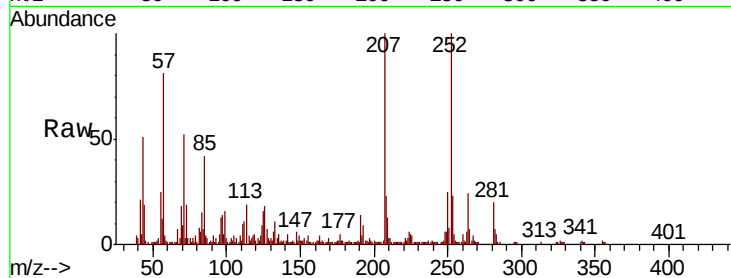
Tot Ion:252 Resp: 126614

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 16.1 9.7 14.5#



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

