

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006463.D
 Acq On : 21 Jun 2019 13:02
 Operator : JU/SJ
 Sample : K3360-21MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Quant Time: Jun 21 13:35:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	220396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1051690	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	651324	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1439817	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1388748	20.00	ng/ul	0.01
85) Perylene-d12	23.51	264	1506350	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	27797	4.93	ng/uL	0.00
5) Phenol-d5	6.80	99	501982	21.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	410693	28.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	438262	25.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	316619	17.01	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	238645	28.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	255435	27.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	416507	23.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	529615	26.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1547659	27.11	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1846156	26.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	154332	15.82	ng/ul	0.00
57) Fluorene-d10	15.28	176	1342916	27.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	149490	16.41	ng/ul	0.00
70) Anthracene-d10	17.14	188	2063121	28.46	ng/ul	0.00
78) Pyrene-d10	19.45	212	2301827	28.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	2352175	27.65	ng/ul	0.03

Target Compounds

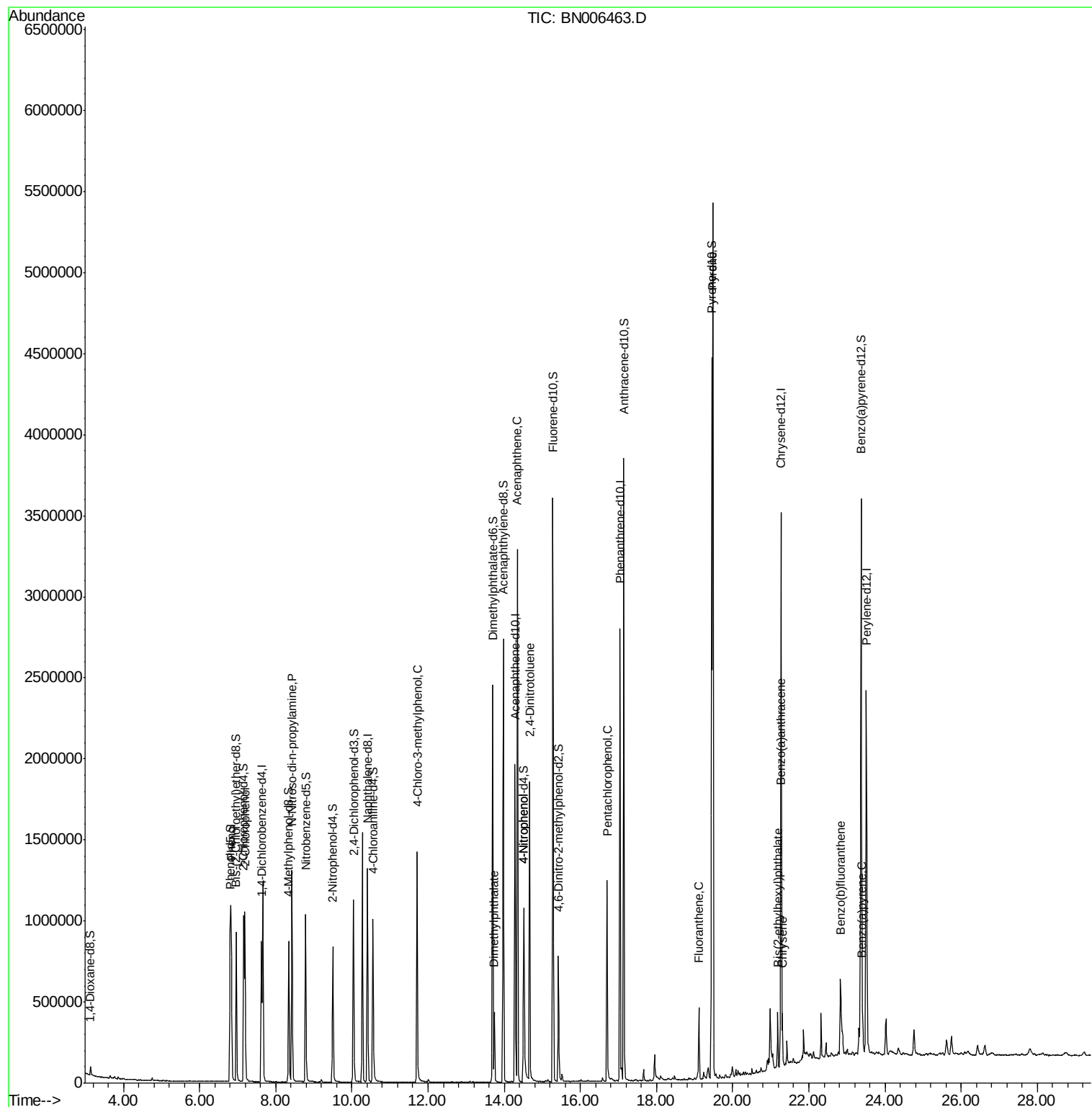
					Ovalue
6) Phenol	6.83	94	586594	25.927	ng/ul 99
10) 2-Chlorophenol	7.19	128	449531	27.113	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	441333	29.417	ng/ul 99
33) 4-Chloro-3-methylphenol	11.71	107	510729	26.352	ng/ul 99
44) Dimethylphthalate	13.74	163	255949	4.864	ng/ul 100
49) Acenaphthene	14.35	153	1264421	28.616	ng/ul 100
52) 4-Nitrophenol	14.52	109	147895	21.675	ng/ul 96
54) 2,4-Dinitrotoluene	14.67	165	462590	31.325	ng/ul 96
68) Pentachlorophenol	16.70	266	213457	26.490	ng/ul 97
76) Fluoranthene	19.12	202	253697	2.964	ng/ul 97
79) Pyrene	19.49	202	3075690	32.529	ng/ul 99
82) Benzo(a)anthracene	21.25	228	130218	1.372	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.18	149	104297	1.716	ng/ul 99
84) Chrysene	21.30	228	172388	1.908	ng/ul 98
87) Benzo(b)fluoranthene	22.84	252	236000	2.610	ng/ul 98
90) Benzo(a)pyrene	23.41	252	140393	1.620	ng/ul 100

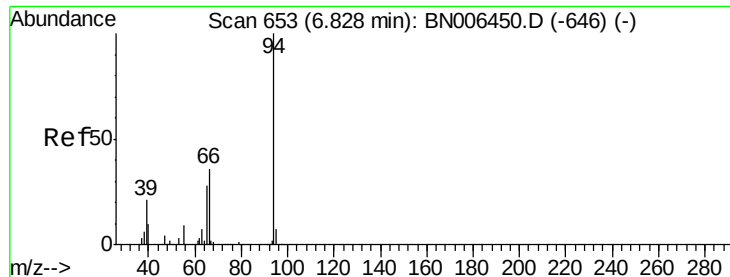
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration





#6

Phenol

Concen: 25.927 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

Instrument :

BNA_N

ClientSampleId :

A4202MS

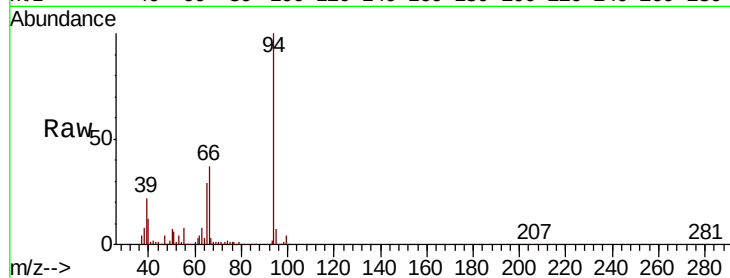
Tot Ion: 94 Resp: 586594

Ion Ratio Lower Upper

94 100

65 28.6 22.5 33.7

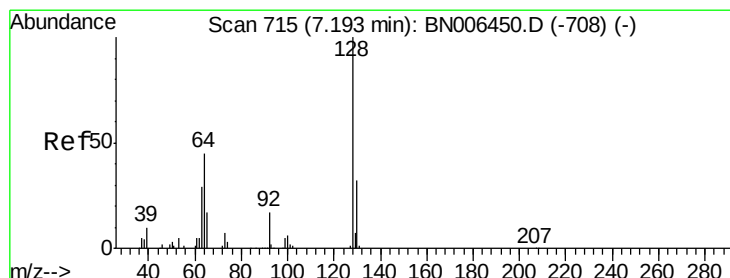
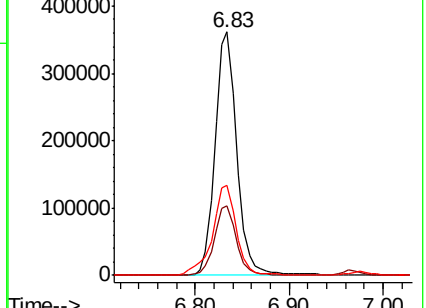
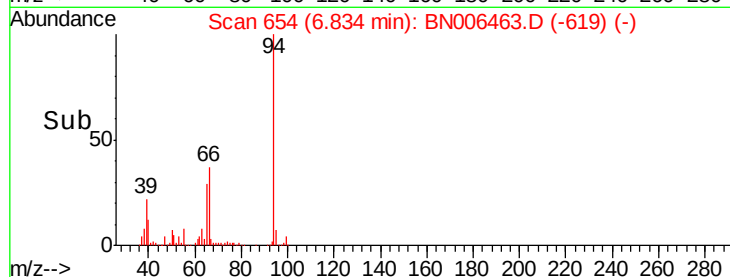
66 36.8 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BN006450.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BN006450.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BN006450.D (-646) (-)



#10

2-Chlorophenol

Concen: 27.113 ng/ul

RT: 7.19 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

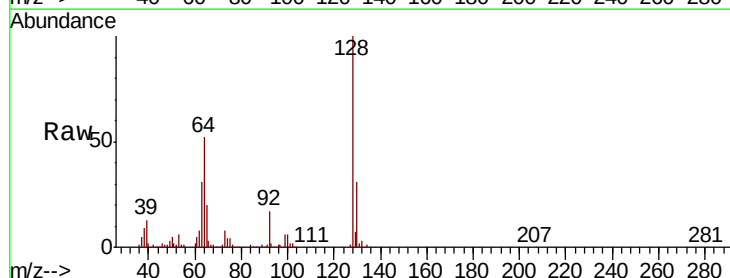
Tgt Ion: 128 Resp: 449531

Ion Ratio Lower Upper

128 100

64 51.5 42.4 63.6

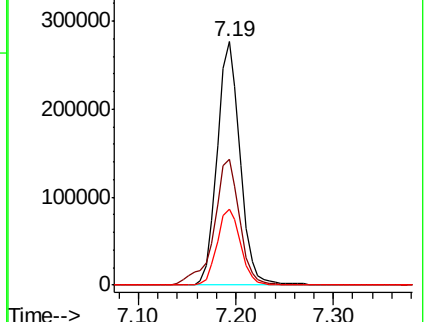
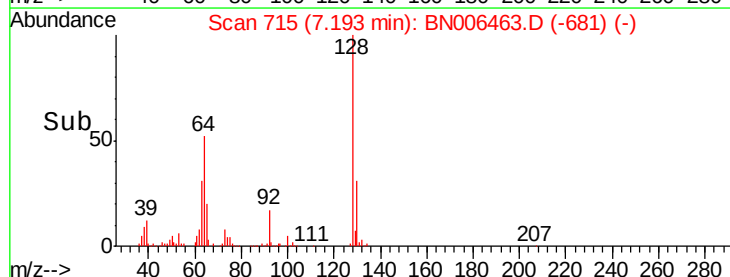
130 31.4 26.6 39.8

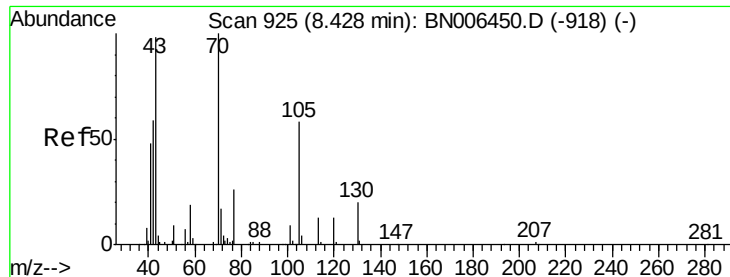


Abundance Ion 128.00 (127.70 to 128.70): BN006450.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BN006450.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BN006450.D (-708) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.417 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.00 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

Instrument :

BNA_N

ClientSampleId :

A4202MS

Tot Ion: 70 Resp: 441333

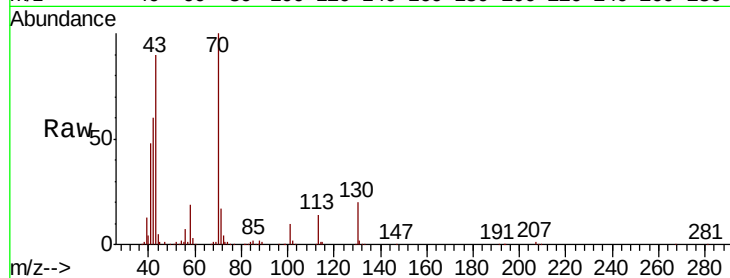
Ion Ratio Lower Upper

70 100

42 59.6 48.0 72.0

101 9.7 7.4 11.0

130 20.3 16.1 24.1

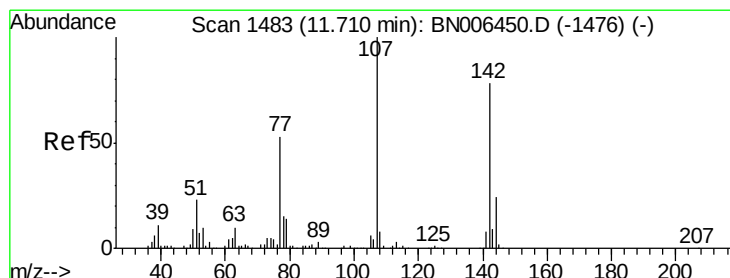
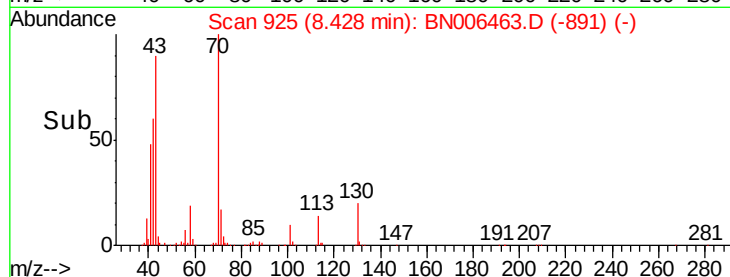
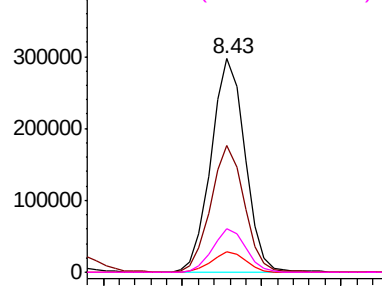


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 26.352 ng/ul

RT: 11.71 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

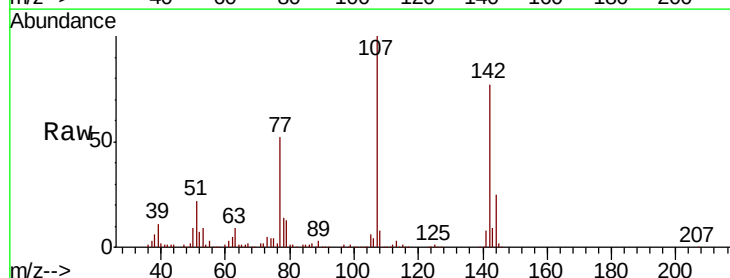
Tgt Ion:107 Resp: 510729

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

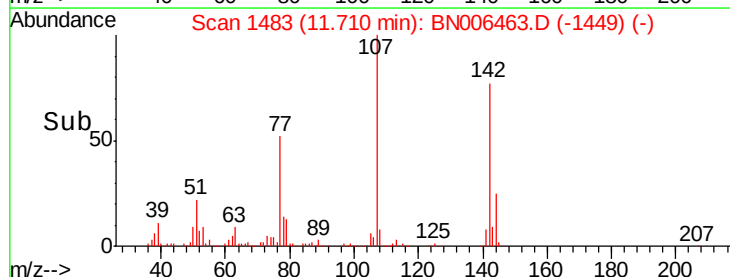
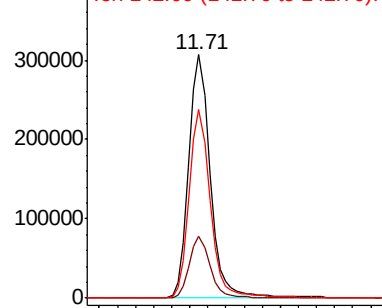
142 77.3 60.8 91.2

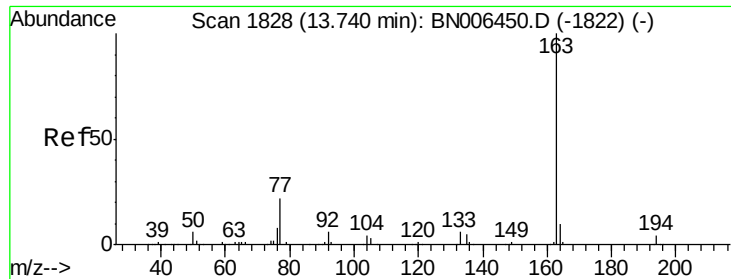


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

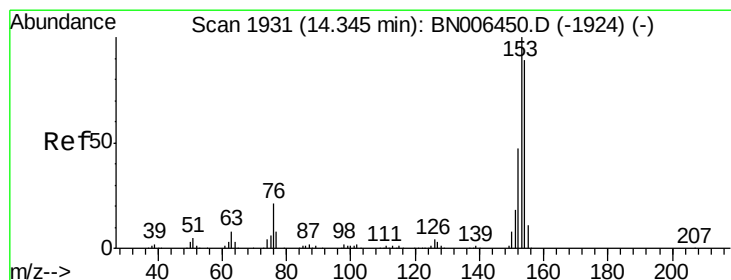
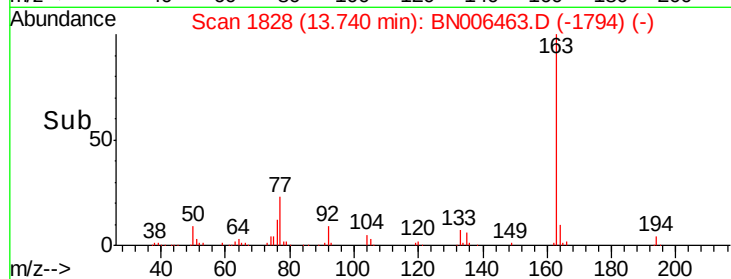
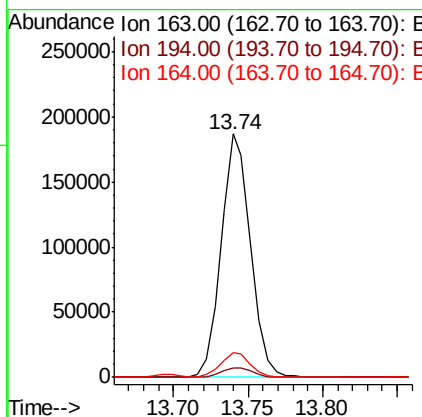
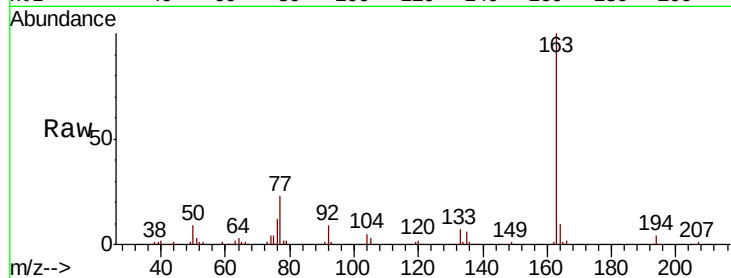




#44
Dimethylphthalate
Concen: 4.864 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

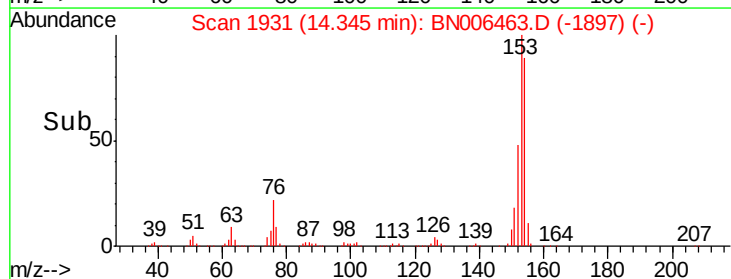
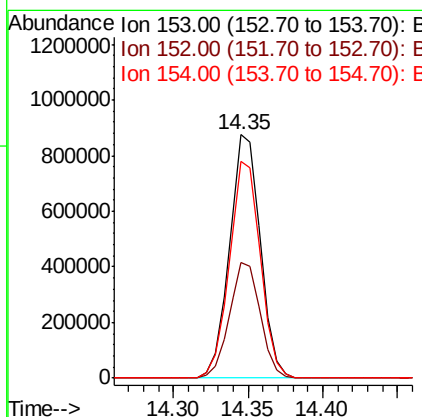
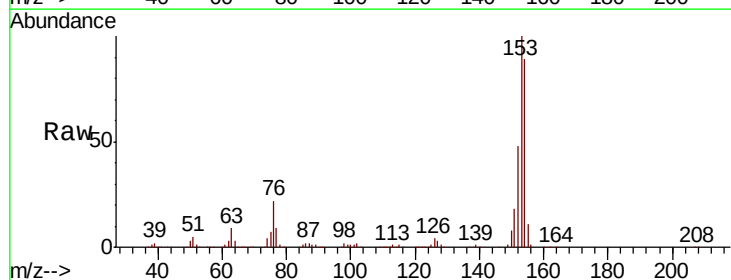
Instrument :
BNA_N
ClientSampleId :
A4202MS

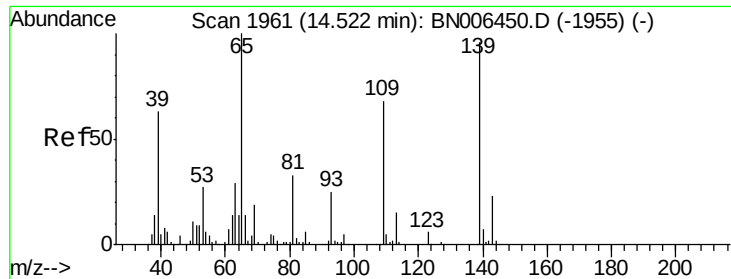
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	8.0	12.0



#49
Acenaphthene
Concen: 28.616 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	88.9	71.2	106.8

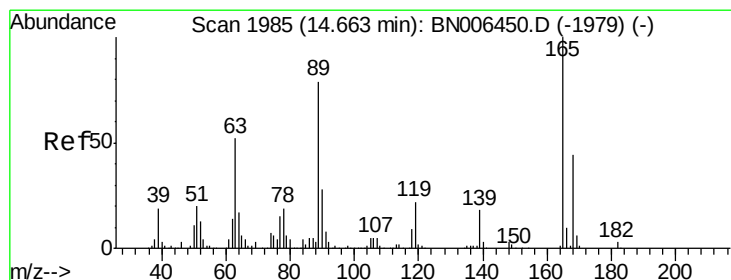
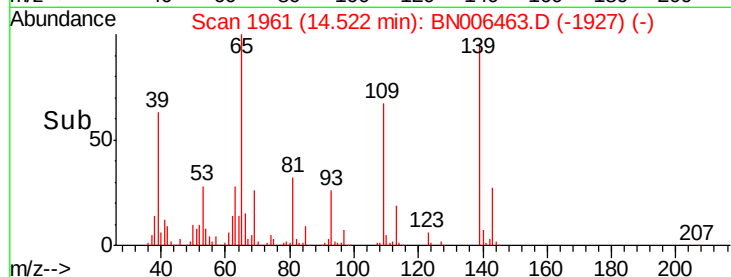
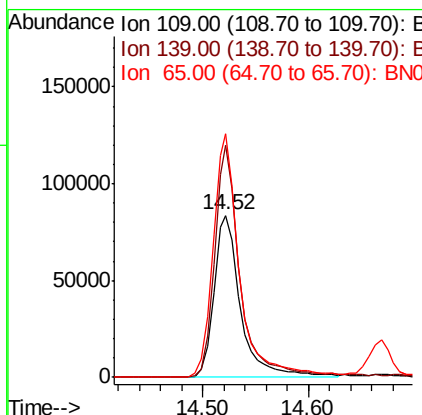
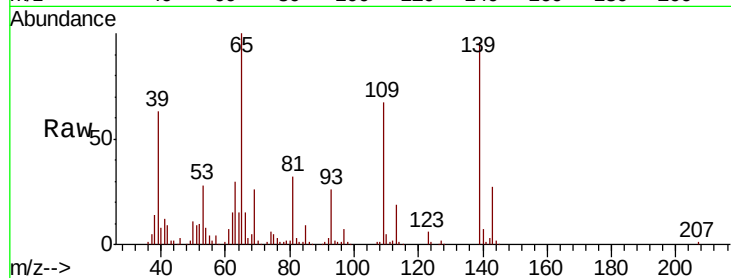




#52
4-Nitrophenol
Concen: 21.675 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

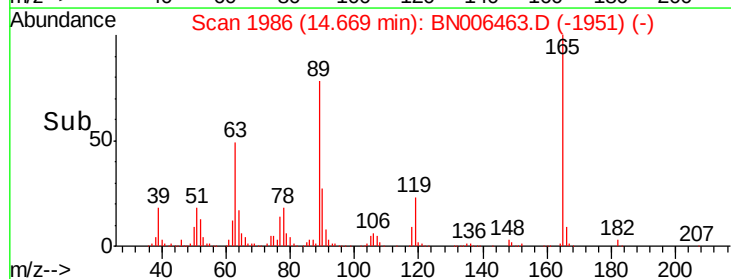
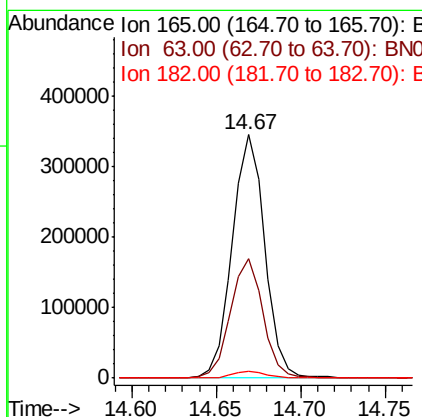
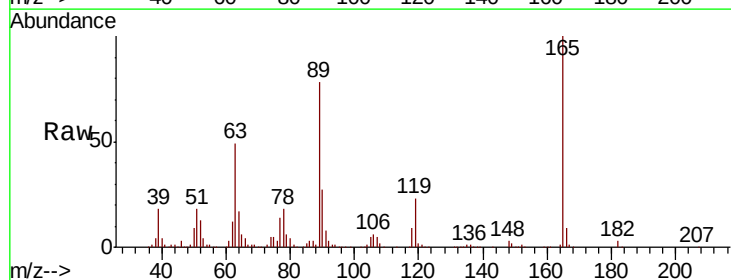
Instrument :
BNA_N
ClientSampleId :
A4202MS

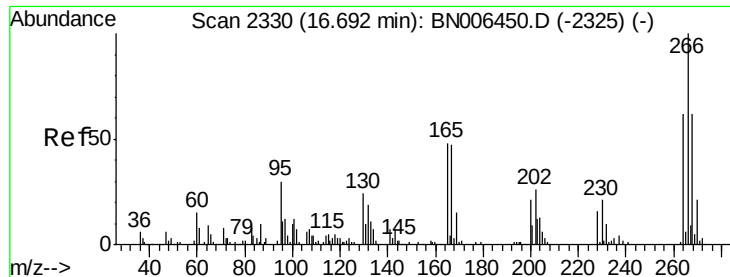
Tot Ion	Ratio	Lower	Upper
109	100		
139	143.3	109.0	163.4
65	150.0	118.1	177.1



#54
2,4-Dinitrotoluene
Concen: 31.325 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	41.7	62.5
182	3.0	2.2	3.4

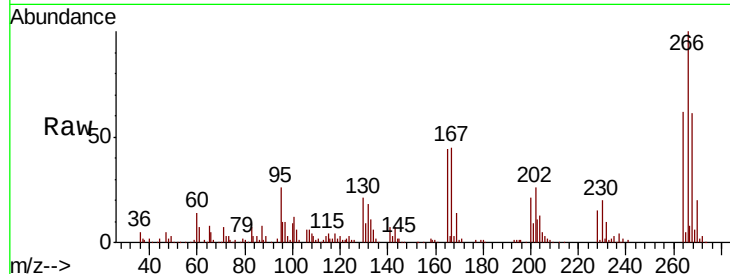




#68
 Pentachlorophenol
 Concen: 26.490 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN006463.D
 Acq: 21 Jun 2019 13:02

Instrument :
 BNA_N
 ClientSampleId :
 A4202MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.8	71.6
268	61.4	50.8	76.2

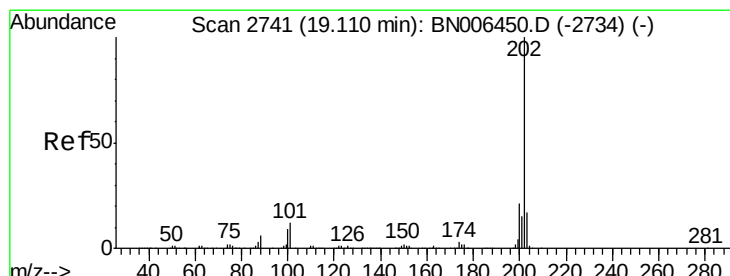
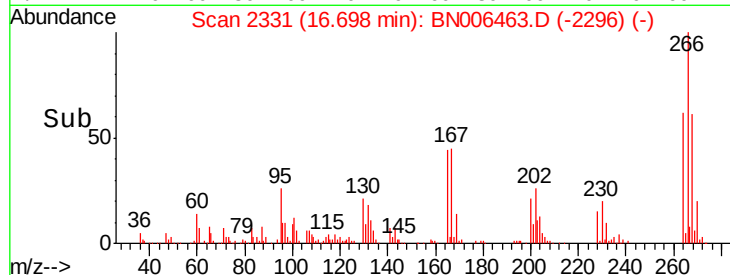
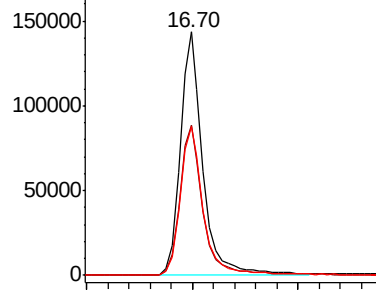


Abundance

Ion 265.70 (265.40 to 266.40): E

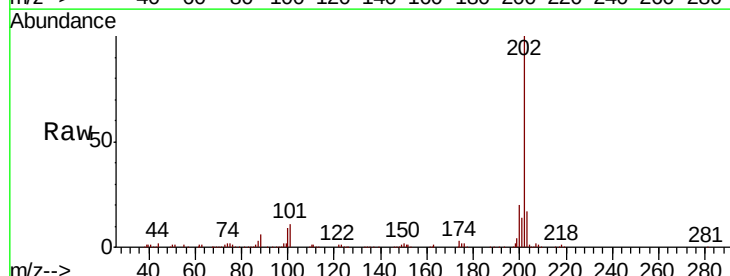
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#76
 Fluoranthene
 Concen: 2.964 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.01 min
 Lab File: BN006463.D
 Acq: 21 Jun 2019 13:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.5	15.7
100	8.9	7.6	11.4

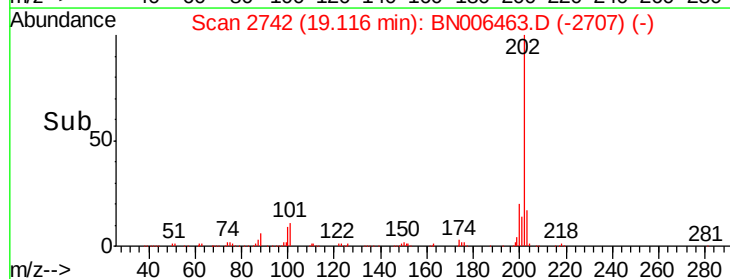
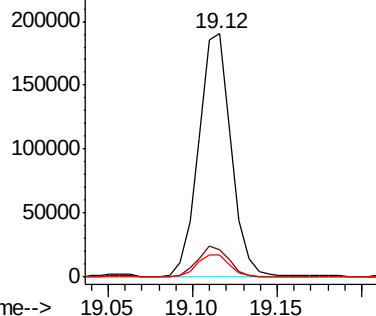


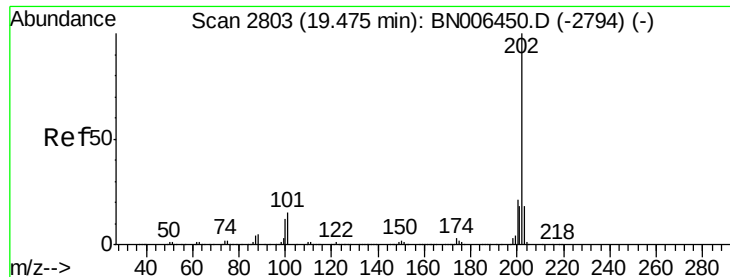
Abundance

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: 32.529 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

Instrument :

BNA_N

ClientSampleId :

A4202MS

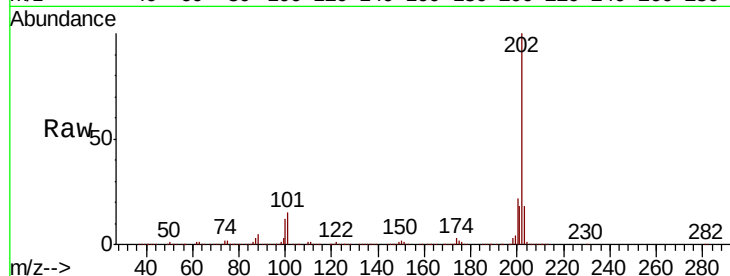
Tot Ion:202 Resp: 3075690

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.4

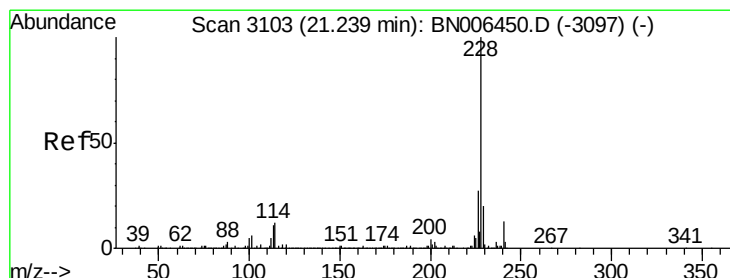
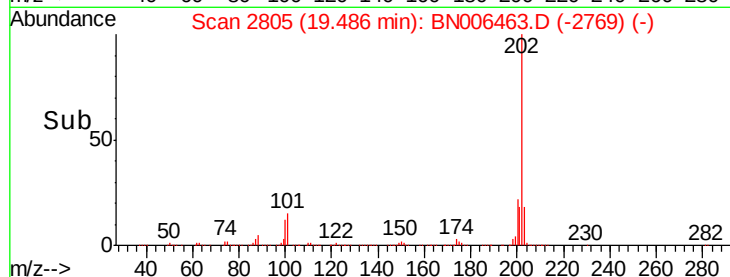
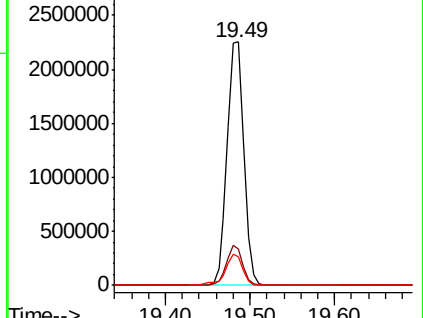
100 12.0 9.8 14.6



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: 1.372 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

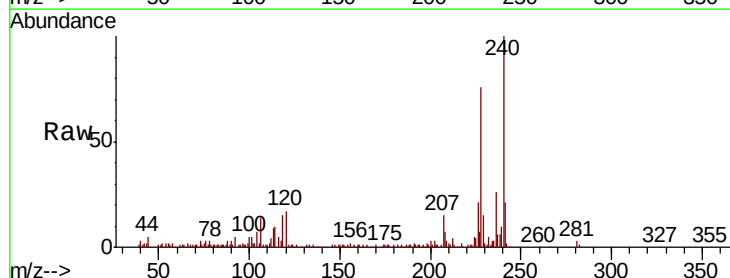
Tgt Ion:228 Resp: 130218

Ion Ratio Lower Upper

228 100

229 20.1 15.6 23.4

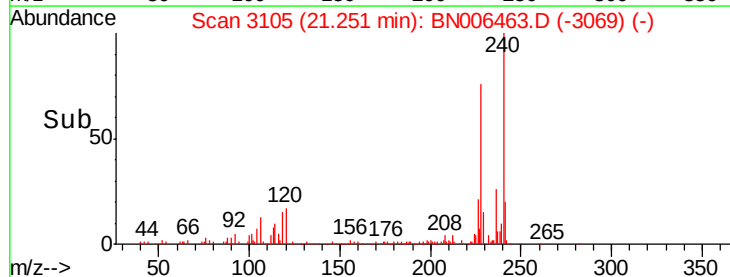
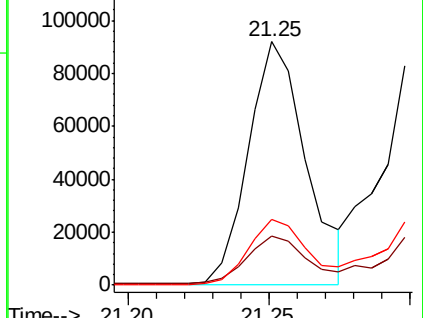
226 27.0 21.5 32.3

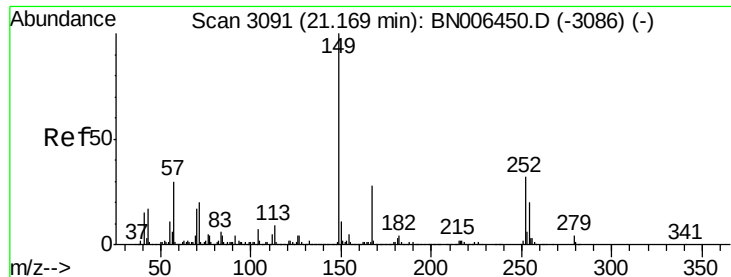


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.716 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

Instrument :

BNA_N

ClientSampleId :

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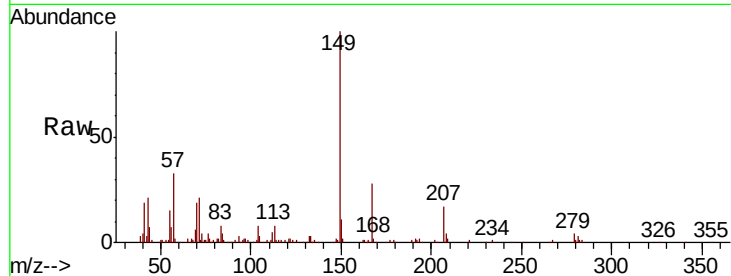
Tot Ion:149 Resp: 104297

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

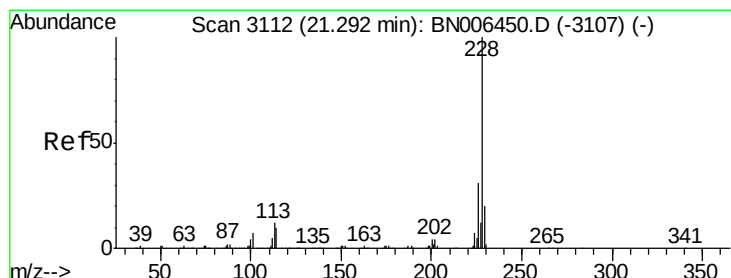
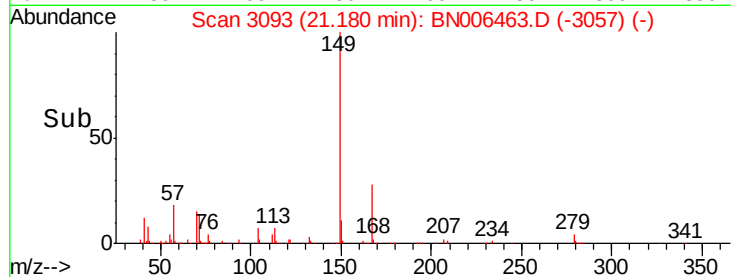
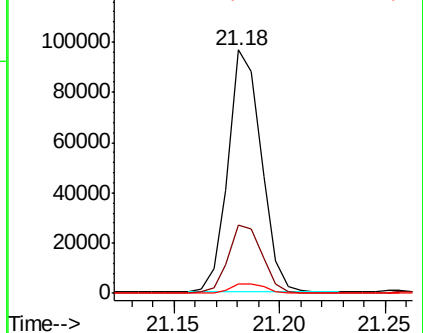
279 3.8 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 1.908 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN006463.D

Acq: 21 Jun 2019 13:02

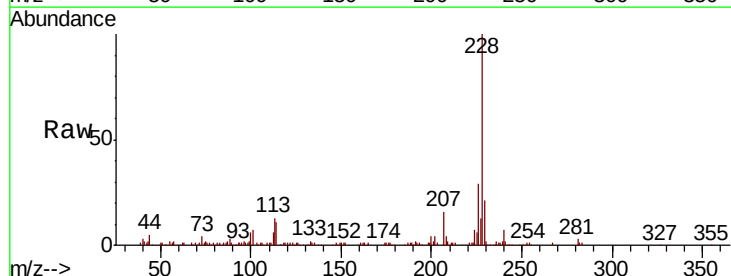
Tgt Ion:228 Resp: 172388

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

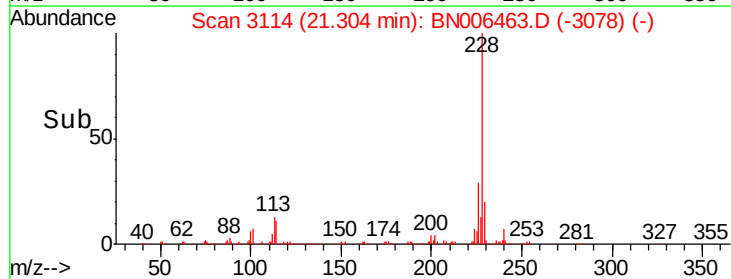
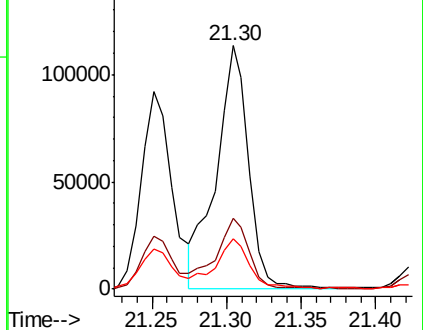
229 20.7 15.9 23.9

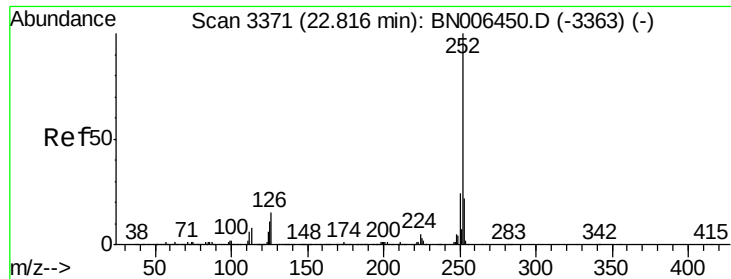


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

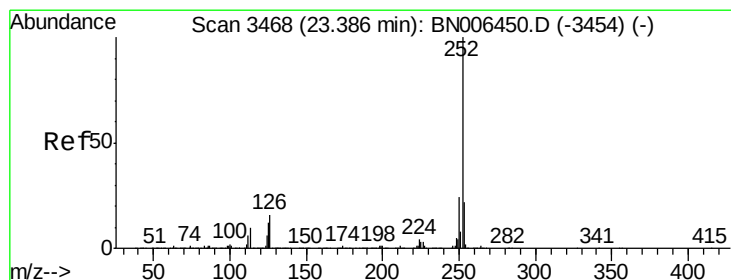
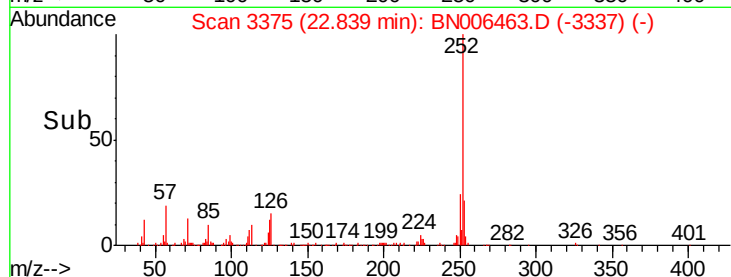
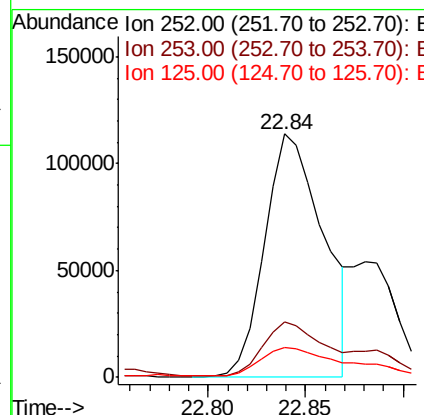
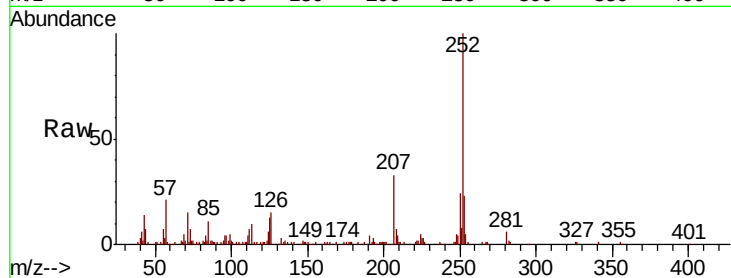




#87
Benzo(b)fluoranthene
Concen: 2.610 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. 0.02 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

Instrument :
BNA_N
ClientSampleId :
A4202MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.5	9.0	13.6



#90
Benzo(a)pyrene
Concen: 1.620 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.02 min
Lab File: BN006463.D
Acq: 21 Jun 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.3	10.0	15.0

