

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005554.D
 Acq On : 09 May 2019 04:05
 Operator : JU/SJ
 Sample : K2604-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ85

Quant Time: May 09 05:36:30 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	287873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1252475	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	751805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1432836	20.00	ng/ul	0.09
77) Chrysene-d12	21.30	240	4345	20.00	ng/ul	0.09
85) Perylene-d12	23.41	264	1230932	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	16572	2.78	ng/uL	0.00
5) Phenol-d5	6.78	99	381535	16.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	224130	15.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	325880	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	304423	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	171102	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	193677	24.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	342883	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	282001	15.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1082614	19.84	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1338744	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	149848	17.39	ng/ul	0.01
57) Fluorene-d10	15.22	176	961440	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	7145	1.11	ng/ul	0.08
70) Anthracene-d10	17.07	188	1431462	23.83	ng/ul	0.00
78) Pyrene-d10	19.45	212	40296	181.29	ng/ul	0.06
89) Benzo(a)pyrene-d12	23.27	264	1069294	19.88	ng/ul	-0.01

Target Compounds

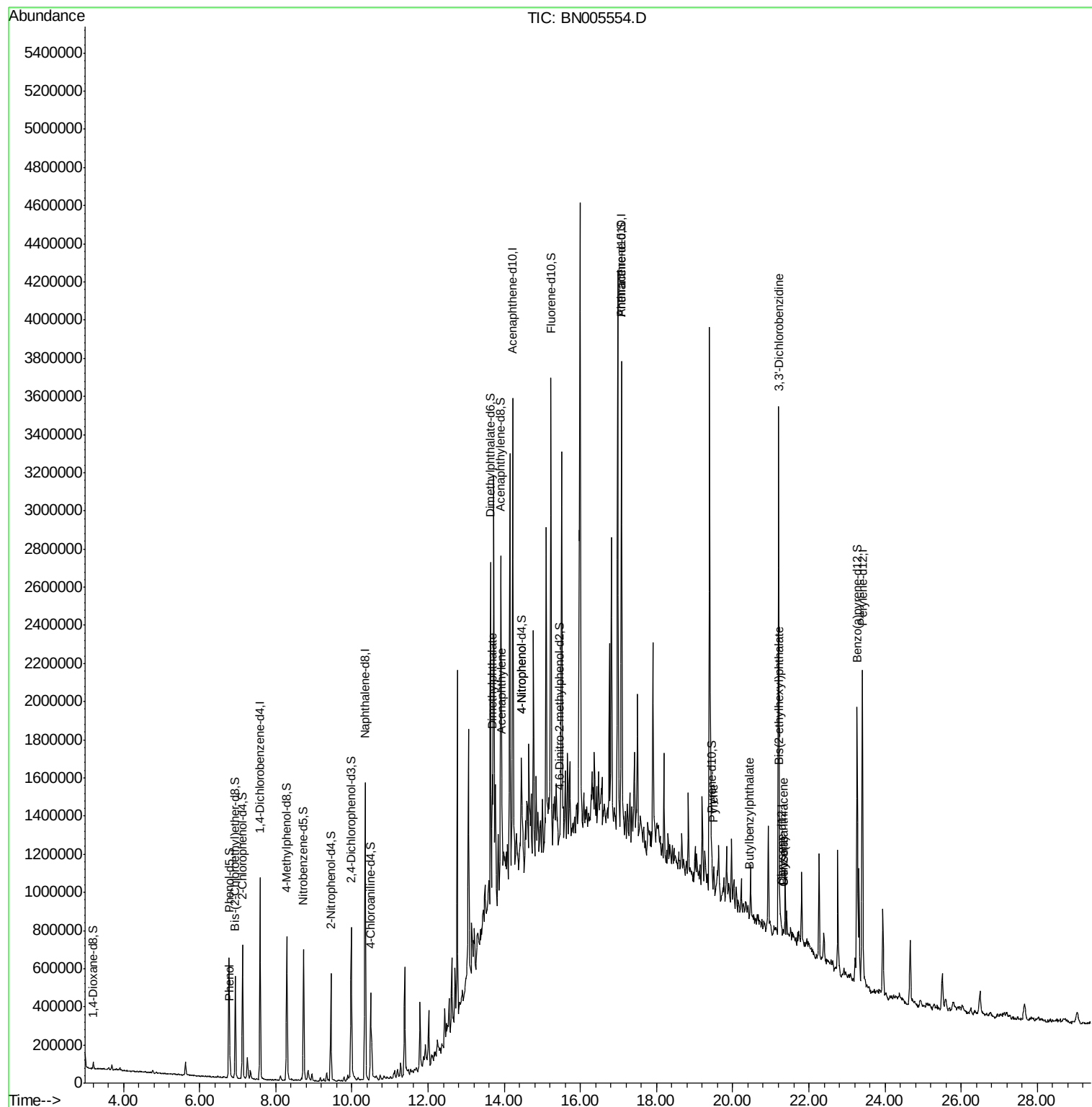
					Ovalue	
6) Phenol	6.80	94	27211	1.170	ng/ul#	90
44) Dimethylphthalate	13.69	163	265504	4.882	ng/ul#	97
47) Acenaphthylene	13.94	152	89784	1.363	ng/ul#	81
52) 4-Nitrophenol	14.45	109	8163	1.044	ng/ul#	10
79) Pyrene	19.51	202	2097	7.496	ng/ul#	50
80) Butylbenzylphthalate	20.45	149	813	7.340	ng/ul#	1
81) 3,3'-Dichlorobenzidine	21.22	252	1698	19.560	ng/ul#	34
82) Benzo(a)anthracene	21.33	228	1112	4.114	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.23	149	1831	10.736	ng/ul#	37
84) Chrysene	21.34	228	712	2.838	ng/ul#	1

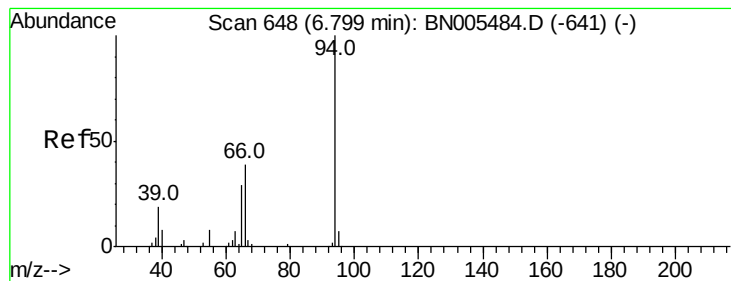
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.170 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

Instrument :

BNA_N

ClientSampleId :

GAJ85

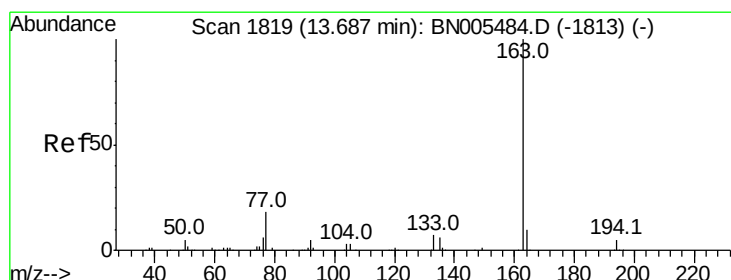
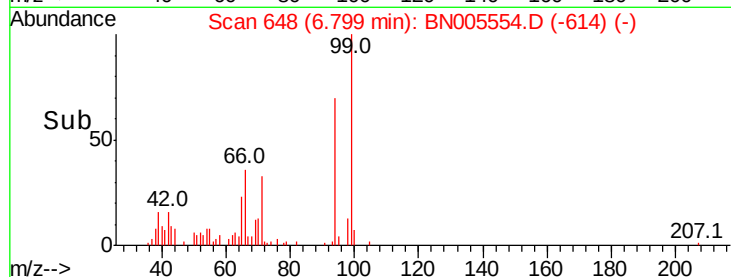
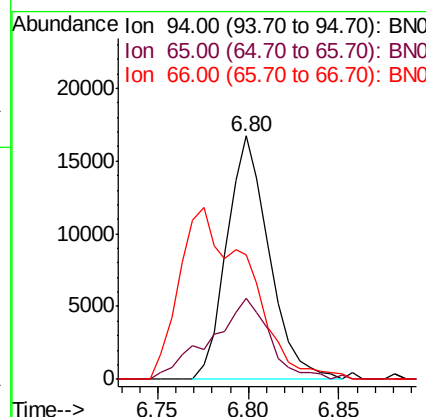
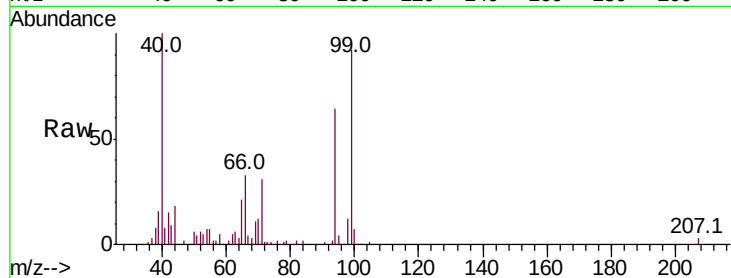
Tot Ion: 94 Resp: 27211

Ion Ratio Lower Upper

94 100

65 33.1 24.2 36.4

66 51.0 33.8 50.6#



#44

Dimethylphthalate

Concen: 4.882 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

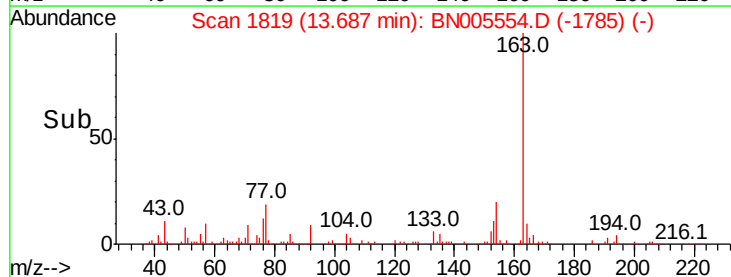
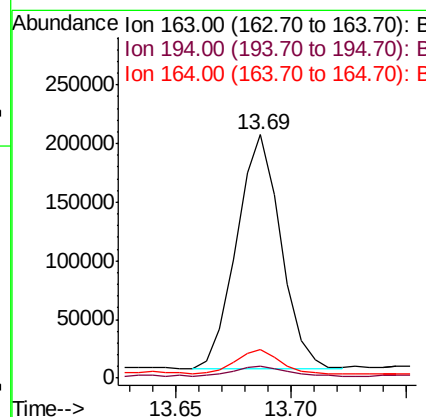
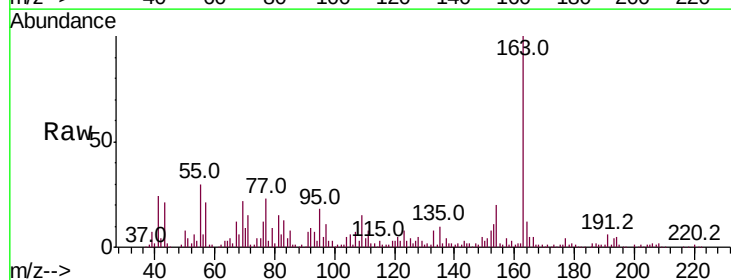
Tgt Ion:163 Resp: 265504

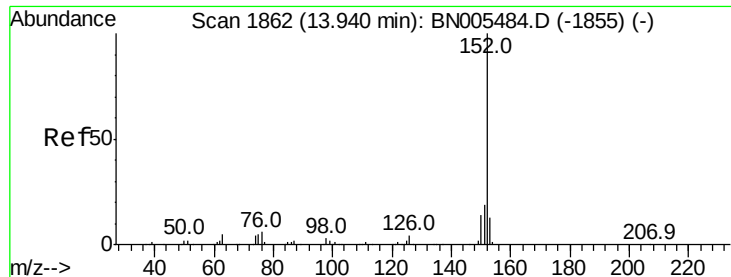
Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

164 11.5 8.1 12.1





#47

Acenaphthylene

Concen: 1.363 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

Instrument :

BNA_N

ClientSampleId :

GAJ85

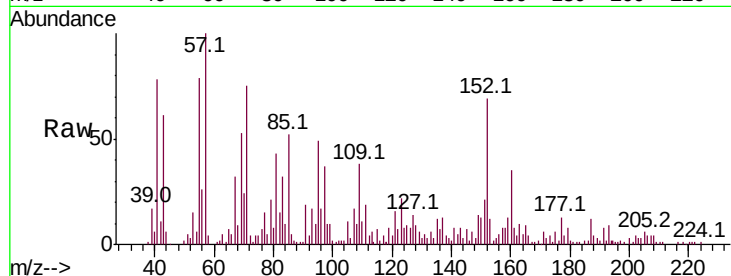
Tot Ion:152 Resp: 89784

Ion Ratio Lower Upper

152 100

151 30.2 15.8 23.8#

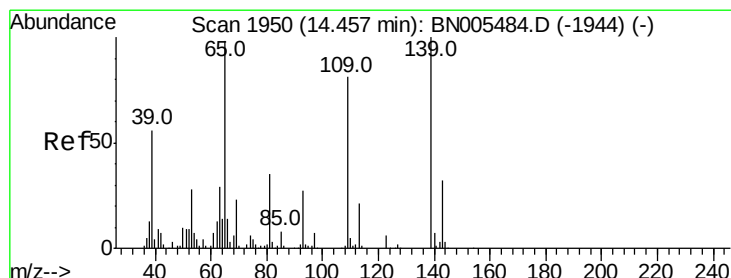
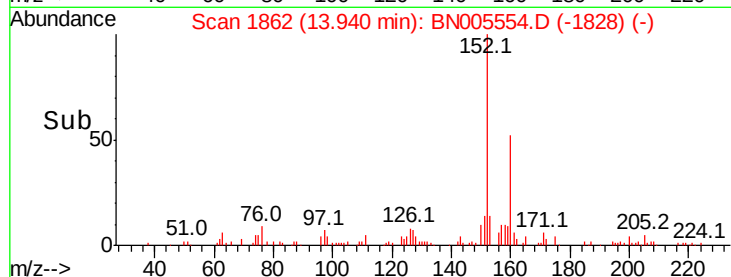
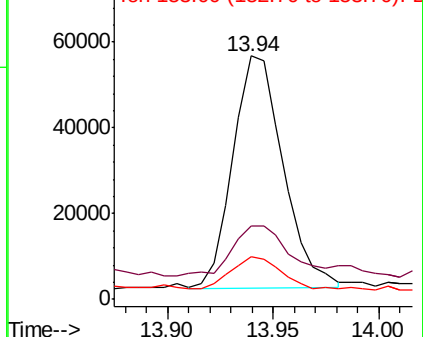
153 17.5 9.8 14.8#



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



#52

4-Nitrophenol

Concen: 1.044 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

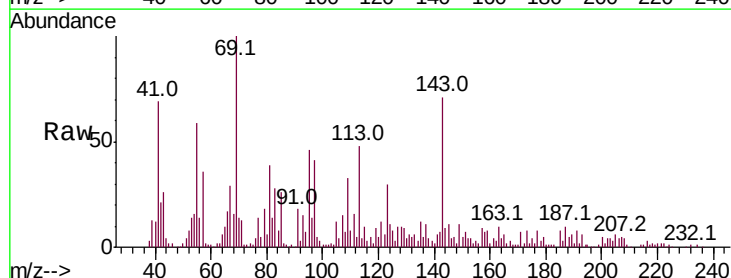
Tgt Ion:109 Resp: 8163

Ion Ratio Lower Upper

109 100

139 9.4 92.3 138.5#

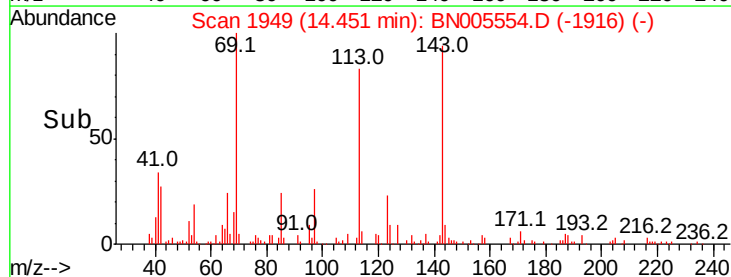
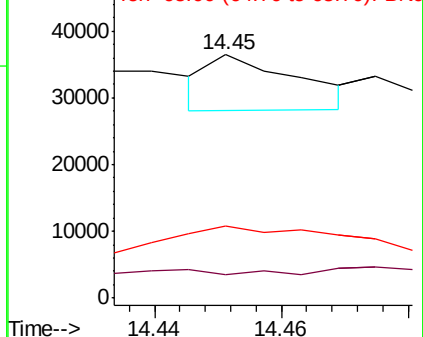
65 29.5 97.5 146.3#

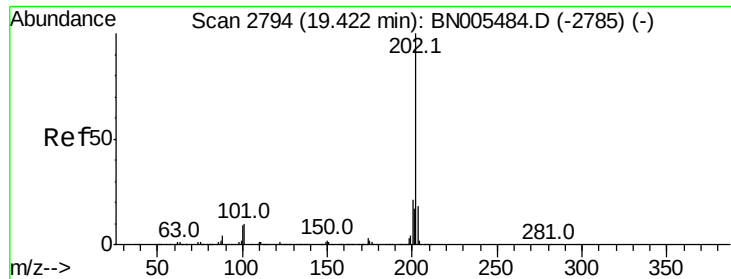


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#79

Pvrene

Concen: 7.496 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.09 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

Instrument :

BNA_N

ClientSampleId :

GAJ85

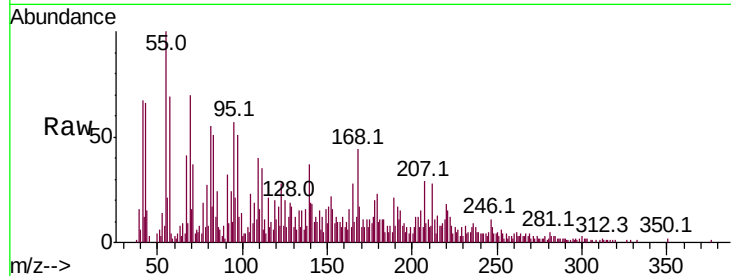
Tot Ion:202 Resp: 2097

Ion Ratio Lower Upper

202 100

101 35.7 10.3 15.5#

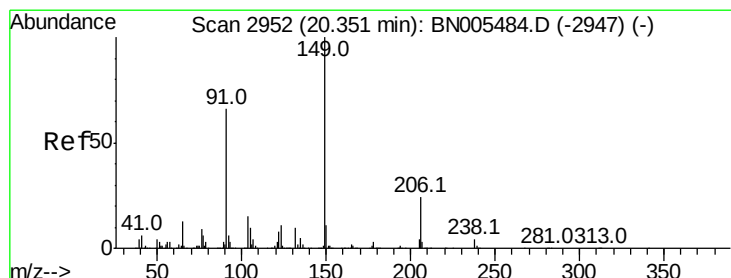
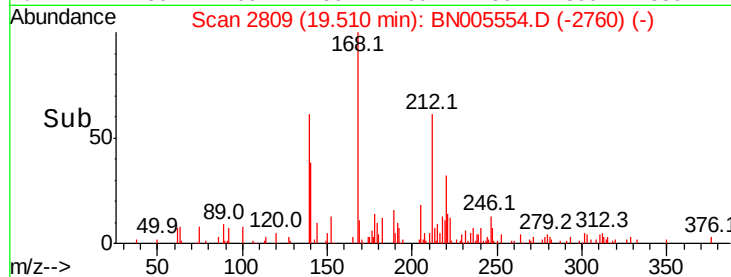
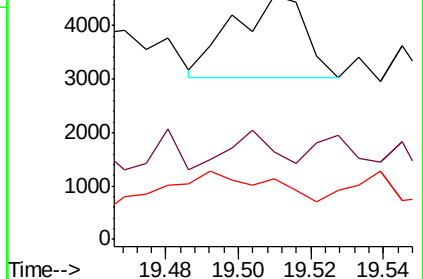
100 25.0 7.9 11.9#



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): E



#80

Butylbenzylphthalate

Concen: 7.340 ng/ul

RT: 20.45 min Scan# 2968

Delta R.T. 0.09 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

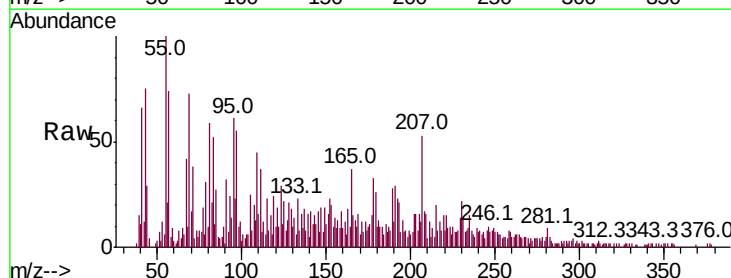
Tgt Ion:149 Resp: 813

Ion Ratio Lower Upper

149 100

91 166.1 59.6 89.4#

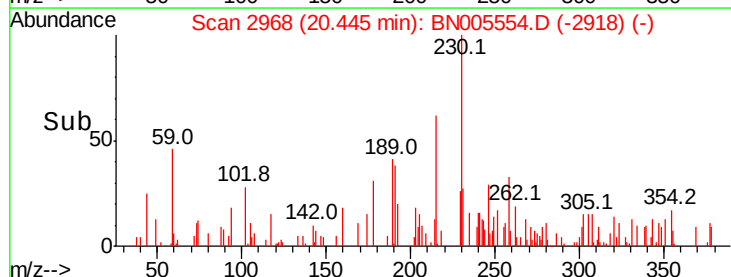
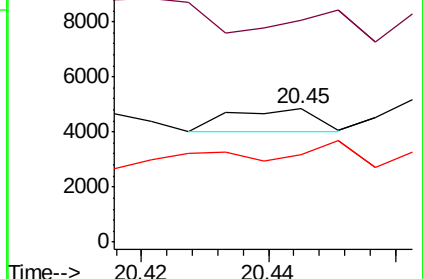
206 65.4 17.8 26.8#

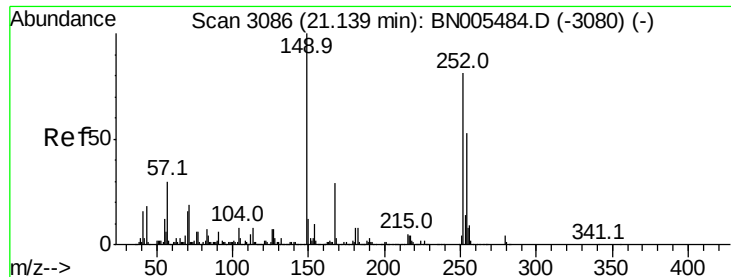


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

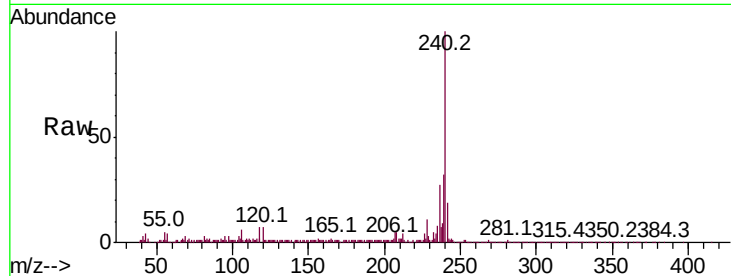




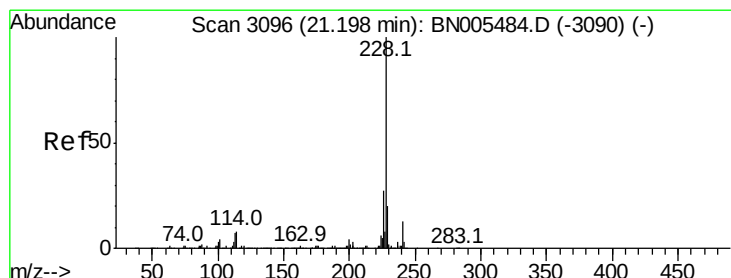
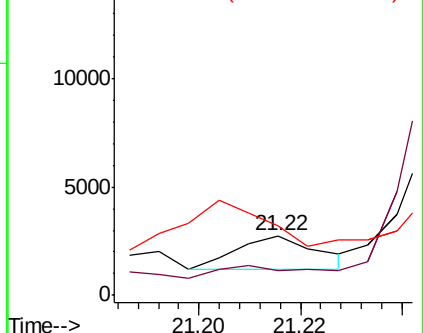
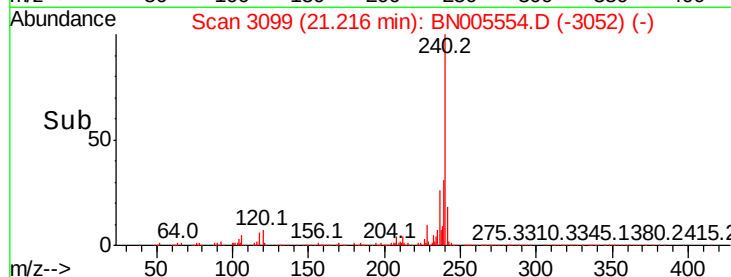
#81
 3,3'-Dichlorobenzidine
 Concen: 19.560 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.08 min
 Lab File: BN005554.D
 Acq: 09 May 2019 04:05

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Tot Ion:252 Resp: 1698
 Ion Ratio Lower Upper
 252 100
 254 42.1 51.1 76.7#
 126 117.6 9.4 14.0#

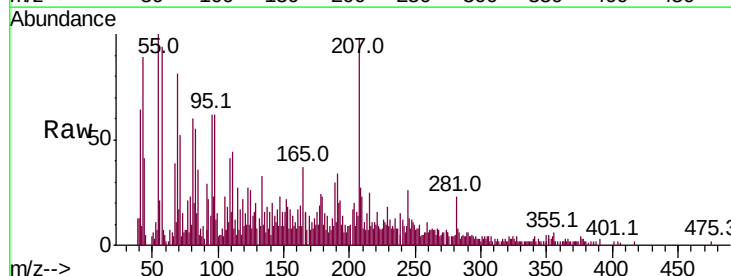


Abundance Ion 252.00 (251.70 to 252.70): E
 15000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

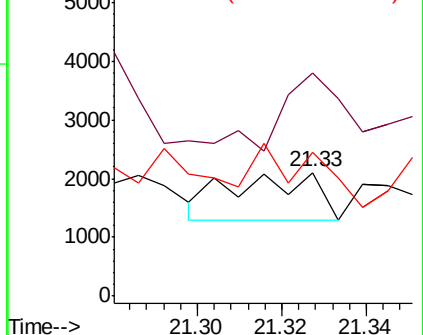
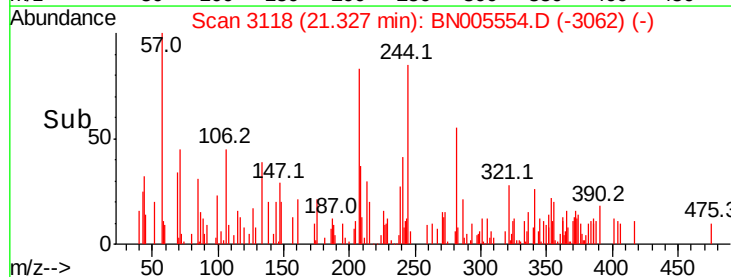


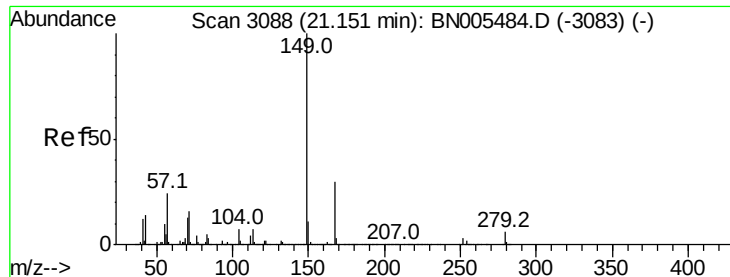
#82
 Benzo(a)anthracene
 Concen: 4.114 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. 0.13 min
 Lab File: BN005554.D
 Acq: 09 May 2019 04:05

Tgt Ion:228 Resp: 1112
 Ion Ratio Lower Upper
 228 100
 229 179.8 15.8 23.6#
 226 115.9 21.4 32.2#



Abundance Ion 228.00 (227.70 to 228.70): E
 5000 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.736 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.08 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

Instrument :

BNA_N

ClientSampleId :

GAJ85

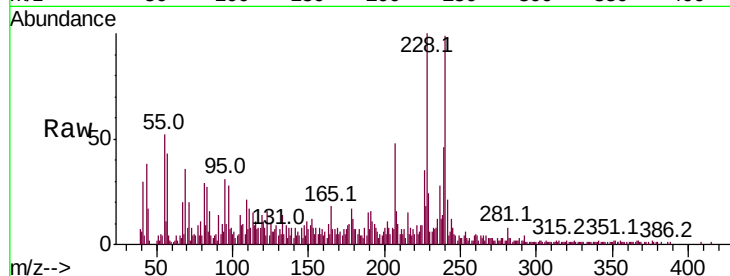
Tot Ion:149 Resp: 1831

Ion Ratio Lower Upper

149 100

167 62.4 22.3 33.5#

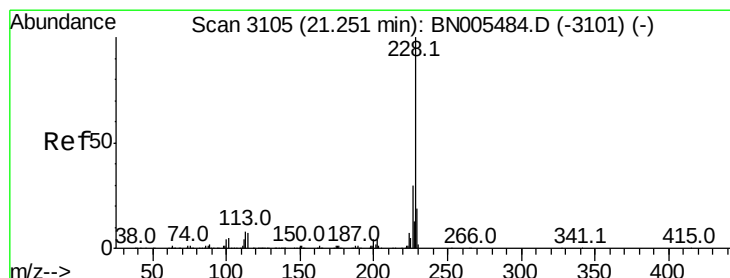
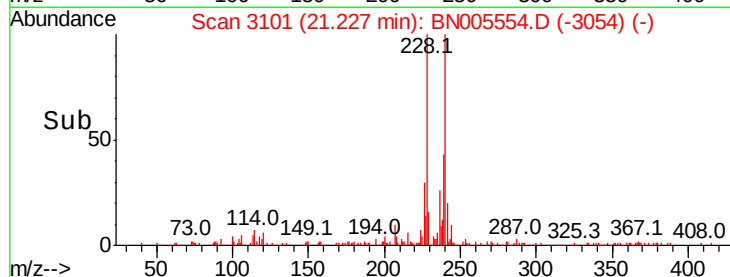
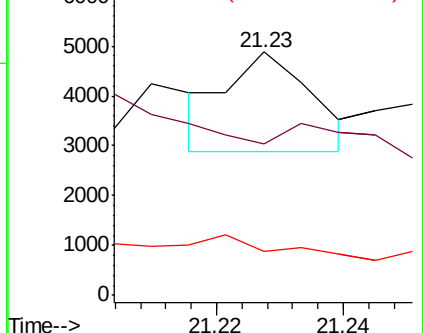
279 18.2 3.3 4.9#



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: 2.838 ng/ul

RT: 21.34 min Scan# 3120

Delta R.T. 0.09 min

Lab File: BN005554.D

Acq: 09 May 2019 04:05

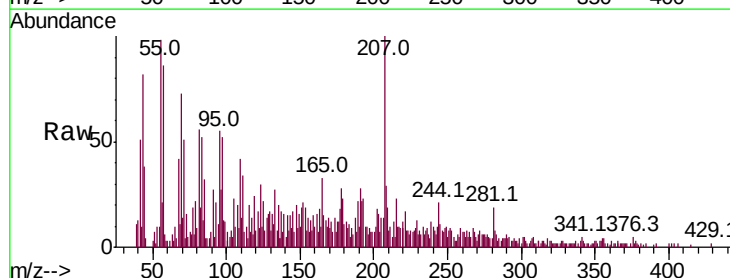
Tgt Ion:228 Resp: 712

Ion Ratio Lower Upper

228 100

226 79.6 24.0 36.0#

229 146.4 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

