

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024045.D
 Acq On : 11 Dec 2019 22:03
 Operator : JU
 Sample : K6088-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BN4

Quant Time: Dec 12 00:45:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	420655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1832555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1175521	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2385431	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1713969	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1929434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	30463	3.22	ng/uL	0.00
5) Phenol-d5	6.66	99	556327	15.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	404956	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	476907	16.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	420507	14.46	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	239273	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	249203	15.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	455342	14.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	419302	12.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1700860	18.62	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1976849	18.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	68989	4.49	ng/ul	0.01
58) Fluorene-d10	15.13	176	1461533	19.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	161753	10.80	ng/ul	0.00
71) Anthracene-d10	16.99	188	2118565	18.60	ng/ul	0.00
79) Pyrene-d10	19.29	212	2129904	24.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2004016	19.65	ng/ul	0.00

Target Compounds

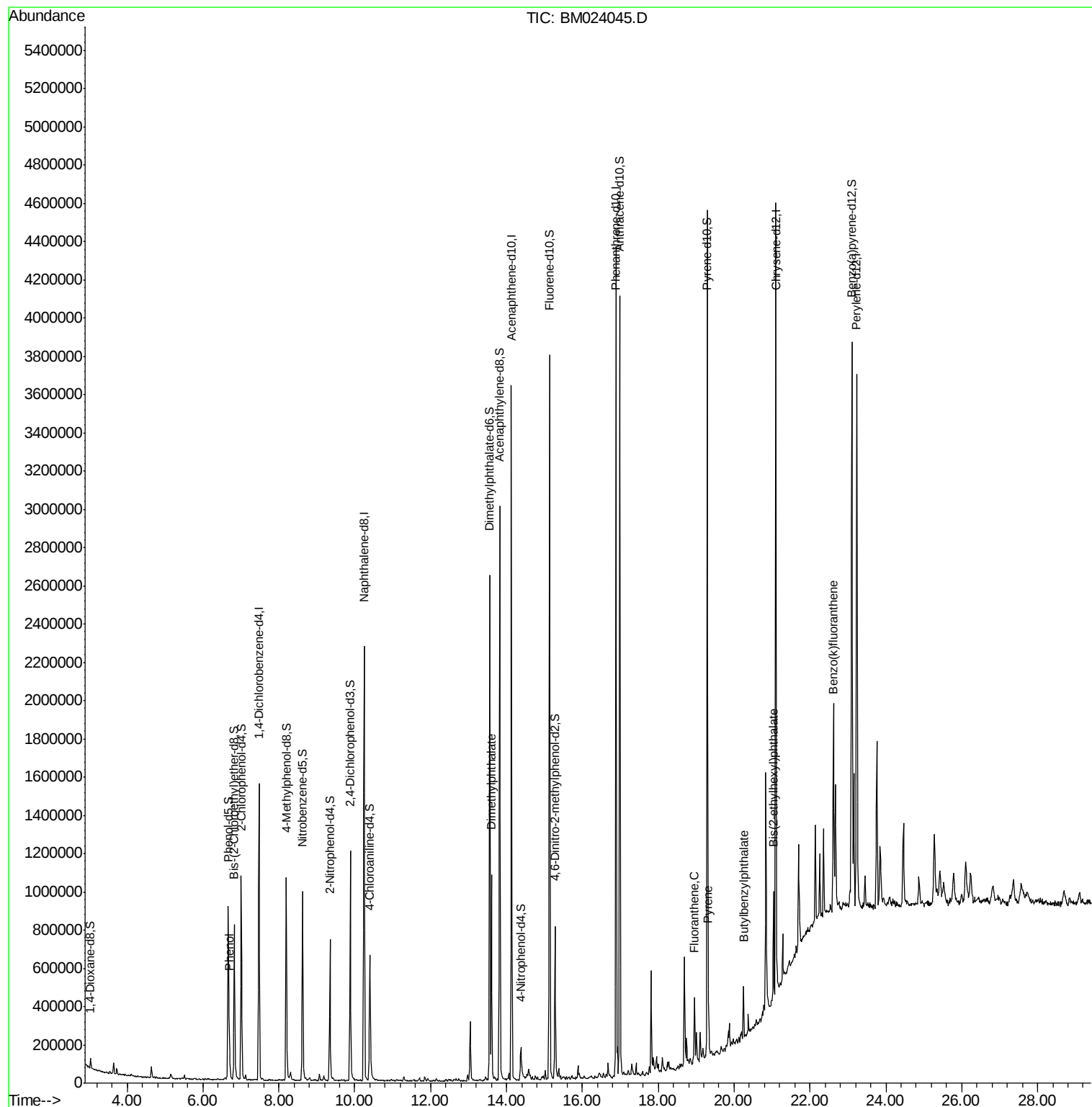
					Ovalue
6) Phenol	6.69	94	123607	3.259 ng/ul	94
45) Dimethylphthalate	13.60	163	669061	7.483 ng/ul	99
77) Fluoranthene	18.96	202	190182	1.316 ng/ul	100
80) Pyrene	19.32	202	173094	1.499 ng/ul	98
81) Butylbenzylphthalate	20.25	149	72440	1.477 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	188335	2.583 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	114968	1.015 ng/ul#	91

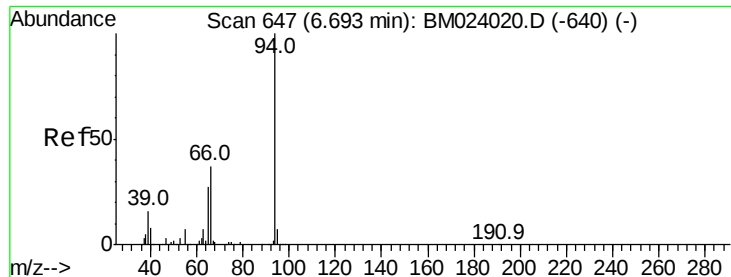
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.259 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024045.D

Acq: 11 Dec 2019 22:03

Instrument :

BNA_M

ClientSampleId :

C0BN4

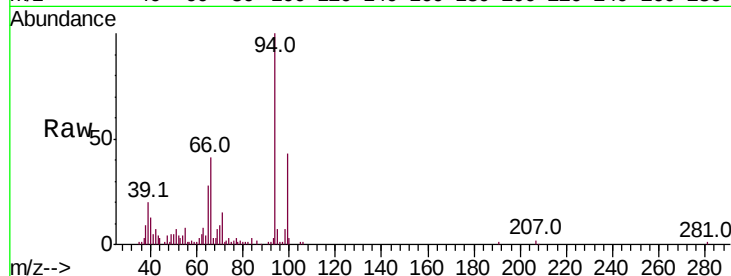
Tot Ion: 94 Resp: 123607

Ion Ratio Lower Upper

94 100

65 28.2 21.7 32.5

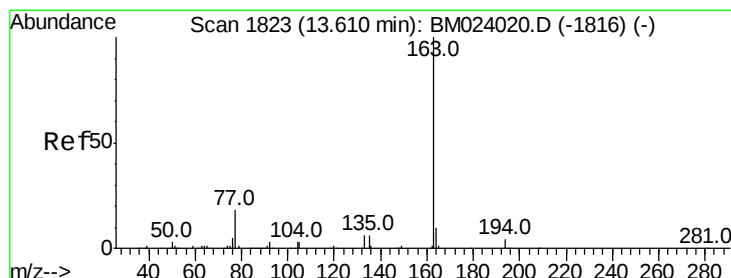
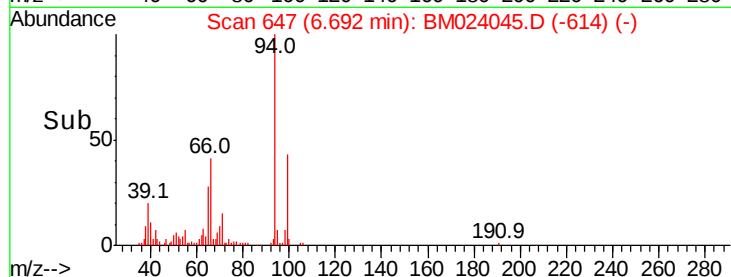
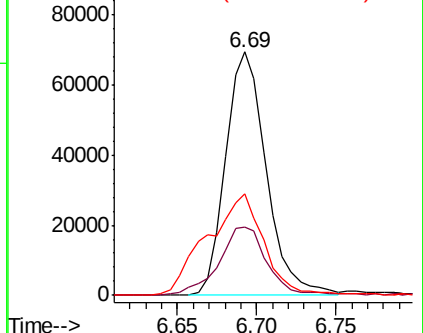
66 41.5 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM024020.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM024020.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM024020.D (-640) (-)



#45

Dimethylphthalate

Concen: 7.483 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM024045.D

Acq: 11 Dec 2019 22:03

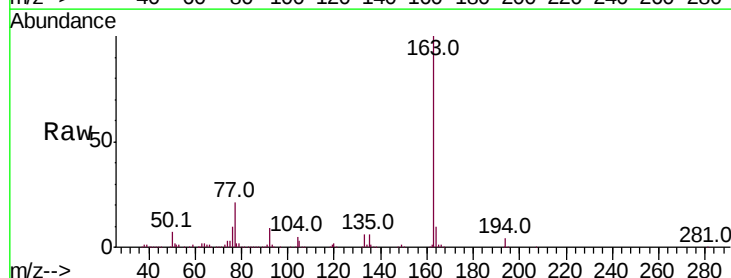
Tgt Ion: 163 Resp: 669061

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

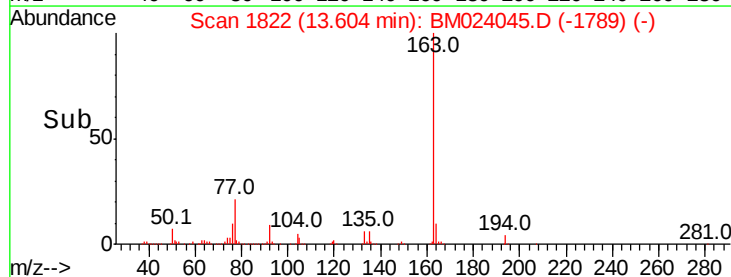
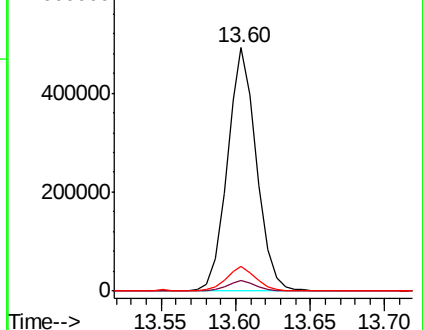
164 10.4 7.9 11.9

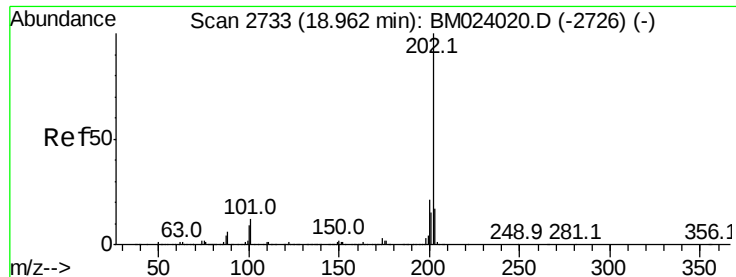


Abundance Ion 163.00 (162.70 to 163.70): BM024020.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM024020.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM024020.D (-1816) (-)

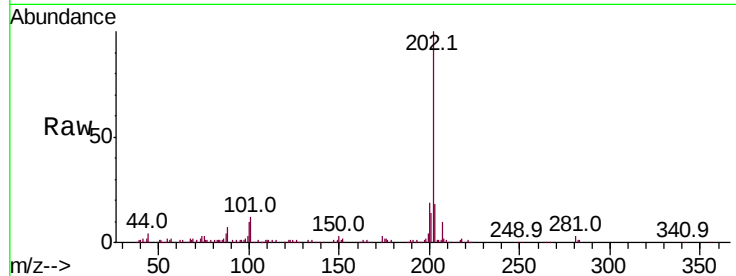




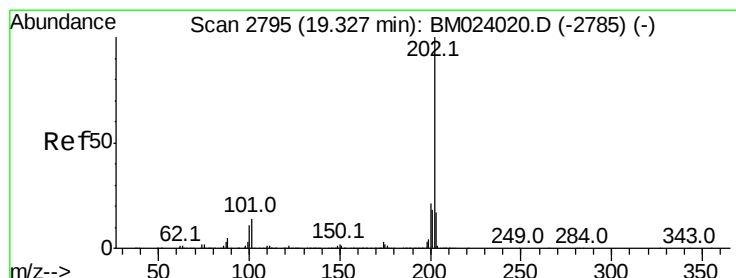
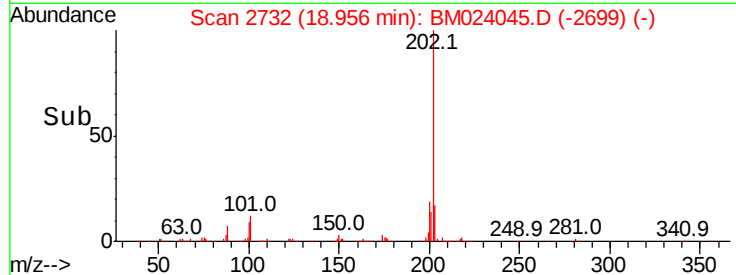
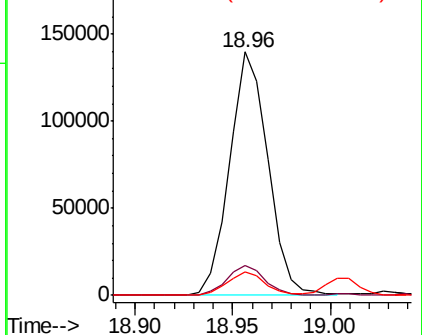
#77
 Fluoranthene
 Concen: 1.316 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM024045.D
 Acq: 11 Dec 2019 22:03

Instrument :
 BNA_M
 ClientSampleId :
 C0BN4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.1	15.1
100	9.6	7.8	11.6

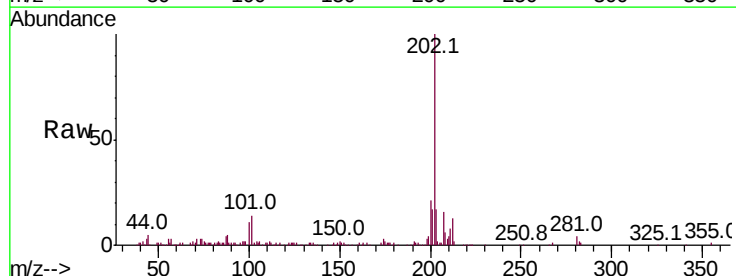


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

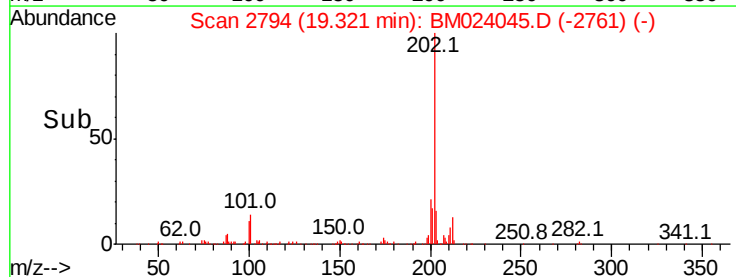
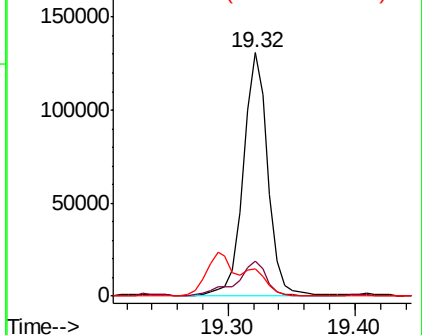


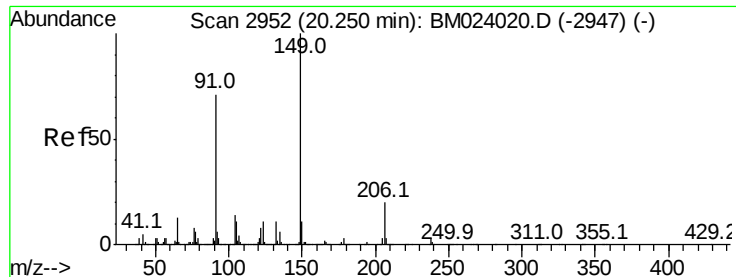
#80
 Pyrene
 Concen: 1.499 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM024045.D
 Acq: 11 Dec 2019 22:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.8	17.6
100	11.1	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

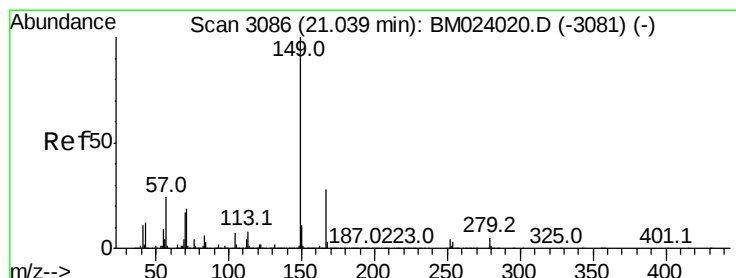
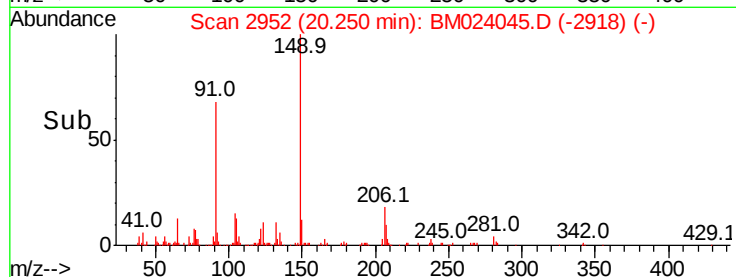
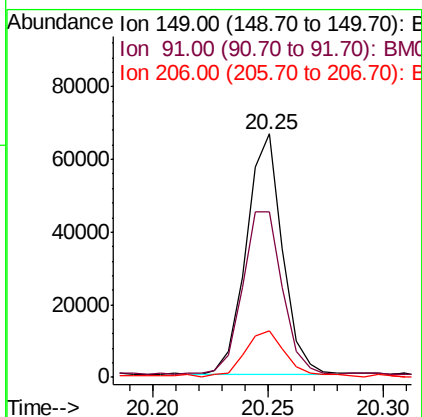
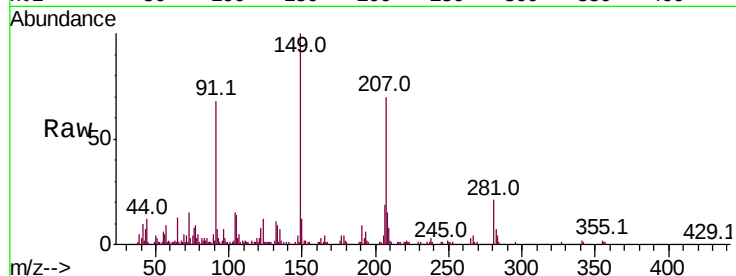




#81
 Butylbenzylphthalate
 Concen: 1.477 ng/ul
 RT: 20.25 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BM024045.D
 Acq: 11 Dec 2019 22:03

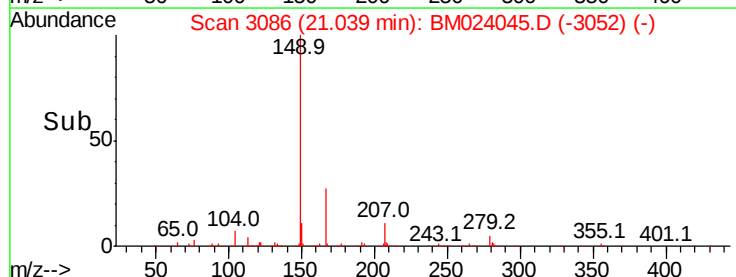
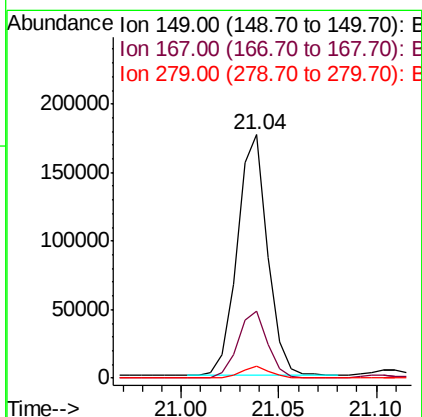
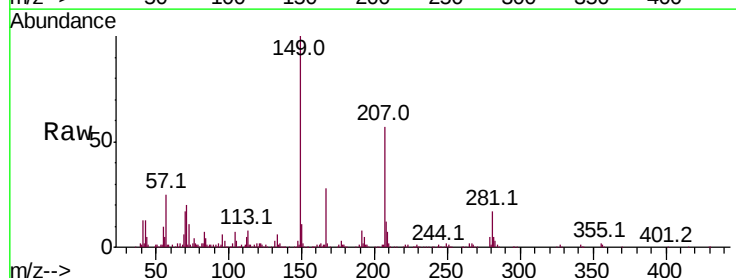
Instrument :
 BNA_M
 ClientSampleId :
 C0BN4

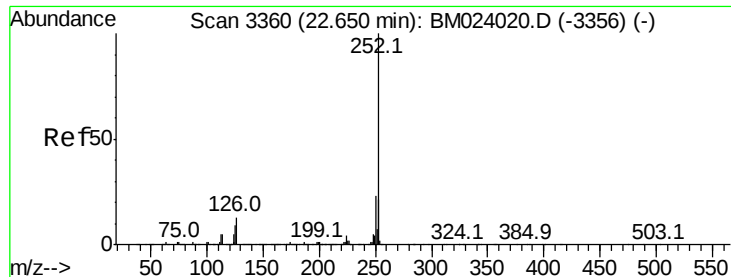
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.9	85.3
206	18.9	16.2	24.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.583 ng/ul
 RT: 21.04 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM024045.D
 Acq: 11 Dec 2019 22:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	5.0	4.0	6.0





#89

Benzo(k)fluoranthene

Concen: 1.015 ng/ul

RT: 22.61 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BM024045.D

Acq: 11 Dec 2019 22:03

Instrument :

BNA_M

ClientSampleId :

C0BN4

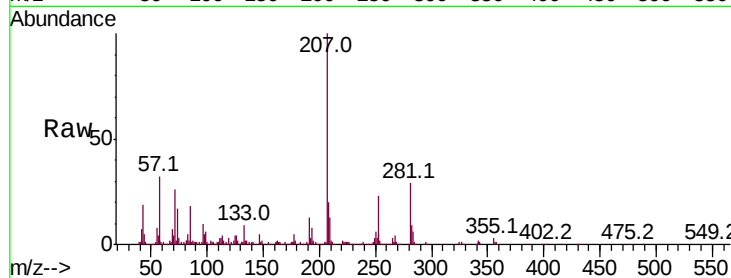
Tot Ion:252 Resp: 114968

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 16.9 7.0 10.4#



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

